AGENDA

REGULAR JOINT MEETING OF THE OAKLEY CITY COUNCIL/OAKLEY CITY COUNCIL ACTING AS THE SUCCESSOR AGENCY TO THE OAKLEY REDEVELOPMENT AGENCY/ OAKLEY PUBLIC FINANCING AUTHORITY

Tuesday, September 10, 2019
6:30 PM
Oakley City Council Chambers, 3231 Main Street, Oakley, CA

MISSION STATEMENT: The City of Oakley exists to build and enhance a quality community and to serve the public in a friendly, efficient, responsive manner.

VISION STATEMENT: The City of Oakley will be recognized as a model of civic participation and a vibrant Delta community where families live, work, play, shop and visit.

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A complete packet of information containing staff reports and exhibits related to each item is available for public review prior to an Oakley City Council and/or City Council Acting as the Successor Agency to the Oakley Redevelopment Agency/Oakley Public Financing Authority meeting at Oakley City Hall, 3231 Main Street, Oakley, CA 94561. Any writings or documents provided to a majority of the Oakley City Council, Oakley City Council Acting as the Successor Agency to the Oakley Redevelopment Agency or Oakley Public Financing Authority regarding any item on this agenda will be made available for public inspection, during regular business hours, at the front counter in the Main Lobby of the Oakley City Hall located at 3231 Main Street, Oakley, CA 94561.

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Please keep cell phones/electronic devices turned off during the meeting. Please be advised that City Council meetings are video recorded and attendees may appear on video.

1. OPENING MATTERS

Oakley City Council/Oakley City Council Acting as the Successor Agency to the Oakley Redevelopment Agency/Oakley Public Financing Authority

1.1 Call to Order and Roll Call of the Oakley City Council/Oakley City Council Acting as the Successor Agency to the Oakley Redevelopment Agency/Oakley Public Financing Authority

1.2 Pledge of Allegiance to the Flag (Cole Sicheneder, 3rd Grade Student at Laurel Elementary School)

1.3 Proclamation Recognizing September as National Suicide Prevention + Action Month

Proclamation

2. PUBLIC COMMENTS

At this time, the public is permitted to address the Oakley City Council/Oakley City Council Acting as the Successor Agency to the Oakley Redevelopment Agency/Oakley Public Financing Authority on non-agendized items. PUBLIC COMMENTS ARE LIMITED TO THREE (3) MINUTES. In accordance with State Law, however, no action or discussion may take place on any item not appearing on the posted agenda. The Oakley City Council/ Oakley City Council Acting as the Successor Agency to the Oakley Redevelopment Agency/Oakley Public Financing Authority may respond to statements made or questions asked or may request Staff to report back at a future meeting on the matter. The exceptions under which the Oakley City Council/Oakley City Council Acting as the Successor Agency to the Oakley Redevelopment Agency/Oakley Public Financing Authority MAY discuss and/or take action on items not appearing on the agenda are contained in Government Code §54954.2(b)(1)(2)(3). Members of the public should submit any Speaker Cards for Public Comments in advance of the Mayor calling for Public Comments.

3. CONSENT CALENDAR

Consent Calendar items are typically non-controversial in nature and are considered for approval by the Oakley City Council/ Oakley City Council Acting as the Successor Agency to the Oakley Redevelopment Agency/Oakley Public Financing Authority with one single action. Members of the audience, Staff or the Oakley City Council/ Oakley City Council Acting as the Successor Agency to the Oakley Redevelopment Agency/Oakley Public Financing Authority who would like an item removed from the Consent Calendar for purposes of public input may request the Mayor remove the item. Members of the public should submit

any Speaker Cards related to the Consent Calendar in advance of the Consent Calendar being considered.

3.1 Approve Minutes from Regular Joint City Council/City Council Acting as the Successor Agency to the Redevelopment Agency/Public Financing Authority Meeting held August 13, 2019 (Libby Vreonis, City Clerk)
Minutes 8-13-19

3.2 Award of Construction Contract to Cowboy Concrete Pumping for the FY 2019/20 Curb, Gutter, & Sidewalk Repair & Replacement Project – CIP 233 (Kevin Rohani, P.E., Public Works Director/City Engineer)

Staff Report
1. Resolution
2. Bid Summary

3.3 City of Oakley 4th Quarter Investment Report (Tim Przybyla, Finance Director)
Staff Report
1. City of Oakley Investment Report for the quarter ended June 30, 2019.

3.4 Successor Agency 4th Quarter Investment Report (Tim Przybyla, Finance Director)
Staff Report
1. City of Oakley as Successor Agency to the Redevelopment Agency Investment Report for the quarter ended June 30, 2019.

3.5 Heart of Oakley Road Closure (Eric Christensen, Chief of Police)
Staff Report
1. Resolution

3.6 Adopt a Resolution Updating Job Classifications and Related Disclosure Categories as set forth in Section 2.9.008(a) of the Oakley Municipal Code Regarding the Conflict of Interest Code (Libby Vreonis, City Clerk)
Staff Report
1. Resolution
Exhibit A to Resolution

3.7 Consideration of a Resolution Repealing Resolution No. 118-05 and Designating a Board Member and an Alternate Board Member to the Municipal Pooling Authority of Northern California (MPA)
Staff Report
1. Resolution

4. PUBLIC HEARINGS

4.1 4190 Brown Road Minor Subdivision Tentative Map Extension (TME 01 19) – Request for a three (3) year extension to the expiration of the Tentative Parcel Map MS 08-978, located at 4190 Brown Road. (Ken Strelo, Principal Planner)

Suggested Action: Staff recommendation: 1) Open the Public Hearing, 2) Receive the Staff Report, 3) Receive Questions from the City Council, 4) Receive Public Testimony, 5) Close the Public Hearing, 6) Deliberate, 7) Summarize the Deliberation, and 8) Adopt the Resolution.

Staff Report
1. Vicinity Map
2. Public Hearing Notice
3. Approved Tentative Parcel Map
4. Draft Resolution

4.2 The Vines at Oakley Subdivision 9507 (GPA 05-18, RZ 09-18, TM 06-18, DR 13-18) – Request for approval of a General Plan Amendment, Rezone, Tentative Map, and Design Review to construct a new residential subdivision with 63 single-family residential lots located at 2371 Oakley Road.(Ken Strelo, Principal Planner)

Suggested Action: Staff recommendation: 1) Open the Public Hearing, 2) Receive the Staff Report, 3) Receive Questions from the City Council, 4) Receive Public Testimony, 5) Close the Public Hearing, 6) Deliberate, 7) Summarize the Deliberation,8) Introduce the Ordinance and 9) Adopt the Resolutions.

Staff Report
1. Vicinity Map
2. Public Hearing Notice
3. Final Initial Study/Mitigated Negative Declaration
4. Applicant's Plans
5. Minutes from the September 25, 2018 Preliminary GPA Work Session
6. Citizen Planning Advisors - Summary of Comments
7. Proposed General Plan Land Use Amendment Resolution
8. Proposed Rezone Ordinance
9. Proposed Vesting Tentative Map and Design Review Resolution

4.3 Subdivision 9015 Tentative Map Extension (TME 02-19) – Request for a three (3) year extension to the expiration of Tentative Map 9015 (known as "Cosetti and Creson Subdivision") located at 4219 Machado Lane (Ken Strelo, Principal Planner)

Suggested Action: Staff recommendation: 1) Open the Public Hearing, 2) Receive the Staff Report, 3) Receive Questions from the City Council, 4) Receive Public Testimony, 5) Close the Public Hearing, 6) Deliberate, 7) Summarize the Deliberation, and 8) Adopt the Resolution.

Staff Report
1. Vicinity Map

2. Public Hearing Notice
3. Approved Tentative Map
4. Draft Resolution

5. REGULAR CALENDAR

6. REPORTS

6.1 CITY MANAGER
(a) City Manager

6.2 OAKLEY CITY COUNCIL/OAKLEY CITY COUNCIL ACTING AS THE SUCCESSOR AGENCY TO THE OAKLEY REDEVELOPMENT AGENCY

(a) Announcement of appointments to a School Parks Ad hoc Subcommittee

(b) Reports from Council Liaisons to Regional Committees, Commissions and Boards AND Oakley City Council/Oakley City Council Acting as the Successor Agency to the Oakley Redevelopment Agency

(c) Requests for Future Agendas

7. WORK SESSIONS

7.1 Oakley General Plan Update Work Session – Update on public input and next steps (Joshua McMurray, Community Development Director)
Staff Report
1. White Paper – Visioning Work Shops

8. CLOSED SESSION

9. ADJOURN

OAKLEY
CALIFORNIA

PROCLAMATION

September Is National Suicide Prevention + Action Month

WHEREAS; September is known around the United States as "National Suicide Prevention Awareness Month", most of us are quite aware of suicide. National Suicide Prevention + Action Month is intended to help promote and give attention to the Suicide Prevention services available to us and our community. The goal is to speak openly about the topic of suicide to help erase the stigma surrounding it, and to direct those in need to the appropriate support services; and

WHEREAS; Suicidal thoughts can affect anyone regardless of age, gender, race, orientation, income level, religion, or background; and

WHEREAS; According to the American Foundation for Suicide Prevention (AFSP), more than 40,000 people die by suicide each year; and

WHEARAS; Suicide is the 10th leading cause of death among adults in the US, and nearly 20% of all suicides were completed by people ages 45-54; and

WHEREAS; Oakley, California is no different than any other community in the country, but chooses to publicly state and place our full support behind local educators, mental health professionals, athletic coaches, pack leaders, police officers, and parents, as partners in supporting our community in simply being available to one another; and

WHEREAS; local organizations like Suicide Prevention Services (SPS), national organizations like the National Alliance on Mental Illness (NAMI) and international groups like Hope For The Day (HFTD) are on the front lines of a war that many still refuse to discuss, as suicide and mental illness remain too uncomfortable of a topic to talk about; and

WHEREAS, every member of our community should understand that throughout life's struggles we all need the occasional reminder that we are all fighting our own battles; and

WHEREAS, I encourage all residents to take the time to check in with their family, friends, and neighbors on a regular basis and to honestly communicate their appreciation for their existence by any gesture they deem appropriate. A simple phone call, message, handshake, or hug can go a long way towards helping someone realize that suicide is not the answer.

NOW, THEREFORE, be it resolved that I, Claire Alaura, Mayor of the City of Oakley do hereby proclaim the month of September 2019, as National Suicide Prevention Awareness Month in the City of Oakley, California.

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Claire Alaura, Mayor

Minutes of the Regular Meeting of the Oakley City Council/Oakley City Council Acting as the Successor Agency to the Oakley Redevelopment Agency/Oakley Public Financing Authority held August 13, 2019

1) OPENING MATTERS

1.1 Call to Order and Roll Call of the Oakley City Council/Oakley City Council Acting as the Successor Agency to the Oakley Redevelopment Agency/Oakley Public Financing Authority

Mayor Claire Alaura called the meeting to order at 6:30 p.m. in Oakley City Council Chambers located at 3231 Main Street, Oakley, California. In addition to Mayor Alaura, Vice Mayor Doug Hardcastle and Councilmembers Sue Higgins, Randy Pope and Kevin Romick were present.

1.2 Pledge of Allegiance to the Flag (Antonio Esparza, 5th Grade Student at Summer Lake Elementary School)

5th Grade Summer Lake Elementary Student Antonio Esparza led the Pledge of Allegiance.

The City Council thanked him.

Item 5.2

Before proceeding with item 1.3 on the agenda, Mayor Alaura announced Councilmember Romick would like an opportunity to address item 5.2 on the agenda.

Councilmember Romick moved to continue item 5.2 indefinitely. He mentioned he doesn't believe the item is ready for discussion and he would like to give staff and the school district more time to discuss and resolve the issues that have been raised and requested the City Council support the motion.

Mayor Alaura commented she appreciates all of the public input provided by email, social media, online and public comments; it will be incorporated and made part of the meeting record. She provided the City Attorney an opportunity to provide guidance.

City Attorney Derek Cole mentioned the motion is technically to continue the item but without a date of return; therefore, the item could come back if discussions between staff and the school district don't prove to be fruitful, or the City Council can continue the item and give direction to staff, or the City Council can hear the item.

The motion was seconded by Vice Mayor Hardcastle.

Councilmember Pope amended the motion to create a subcommittee of two members of the City Council and two members of the School Board to meet directly for resolution of the matter.

Councilmember Romick accepted the amendment to his motion.

Vice Mayor Hardcastle seconded the amendment to the motion.

Motion was unanimous and so ordered. (5-0)

1.3 Proclamation Recognizing Eagle Scout Brandon Wortman, BSA Troop 298

Mayor Alaura presented a proclamation to Brandon Wortman with BSA 298 to recognize his achievement of Eagle Scout.

1.4 Update Provided by East Contra Costa Fire Protection District Fire Chief Brian Helmick

East Contra Costa Fire Protection District (ECCFPD) Fire Chief Brian Helmick provided an update to the City Council. He recognized the support ECCFPD received from staff, Police and other agencies during the recent 58-acre fire. He mentioned ECCFD performed outreach during National Night Out and realized many residents do not recognize ECCFPD; some believe there is an Oakley Fire District and a Brentwood Fire District. For clarity, he explained ECCFPD, its areas of coverage and that it needs more resources. He shared two challenges ECCFPD faces: one, existing deficits in which a multi-faceted approach is needed to address issues and staffing to provide adequate fire protection to residents, and two, the areas served are growing in which ECCFPD needs to address by having adequate funding, stations and staff. He mentioned this time next year there will be some sort of ask from ECCFPD to address its existing service level and deficit. He explained ECCFPD is living within its means, personnel is secure and funded for 10 years on a 3 station model, but 6 stations are needed. He mentioned with more revenue, additional stations could provide the needed infrastructure and add personnel. He thanked the City Council and staff for getting Fire Station #55 on Cypress Avenue built because it will be the first station to be staffed if a measure were to pass. He shared ECCFPD is going through a request for quotations with Brentwood to build Station #51 at Empire and Grant; he hopes construction will begin in upcoming months. He mentioned ECCFPD is actively working with developers, updating its impact fees, CFDs, and developer agreements to take care of the three stations and seeing if there is any opportunity to address existing deficits. He added when and if ECCFPD makes a request to residents, it wants to ensure growth will take care of growth and existing service levels. He mentioned he wants to be accessible and the ECCFPD website provides all of its information. He added he is actively listening to communities, building solutions for growth, communicating and educating. He requested everyone communicate to him, not through social media. He thanked the City Council for being patient. He concluded that during meetings to come, he will share the communications plan and what the request will be.

Councilmember Romick commented that he walked the burnt area of the recent fire in Oakley and seeing the size of the area and the amount of homes, he was amazed no homes were impacted. He thanked ECCFPD for its work.

2) PUBLIC COMMENTS

None.

3) CONSENT CALENDAR

3.1 Approve the Minutes of the Regular Joint Oakley City Council/Oakley City Council Acting as the Successor Agency to the Oakley Redevelopment Agency/Public Financing Authority Meeting held July 9, 2019 (Libby Vreonis, City Clerk)

3.2 Waive the Second Reading and Adopt an Ordinance Repealing Article 2 of Chapter 6 of Title 1 of the Oakley Municipal Code Regarding Graffiti and Amending Chapter 35 of Title 4 of the Oakley Municipal Code Regarding Graffiti Control (Libby Vreonis, City Clerk)

3.3 Waive the Second Reading and Adopt an Amendment to Chapter 6.06 of the Oakley Municipal Code Related to Reimbursement for Public Improvement Benefit Districts and Public Improvement Reimbursement Agreements (Derek Cole, City Attorney)

3.4 Waive the Second Reading and Adopt an Ordinance Amending Oakley Municipal Code Section 1.5.211(b) Regarding an Administrative hearing Officer's Decision Fine Due Date (Libby Vreonis, City Clerk)

3.5 Designation of Mayor Alaura as Voting Delegate and Councilmember Higgins as Alternate Voting Delegate for the League of California Cities' Annual Business Meeting to be held October 18, 2019 (Libby Vreonis, City Clerk)

3.6 Consideration of Memorandum of Understanding with the Oakley Police Officers Association for August 13, 2019 to June 30, 2022 (Nancy Marquez-Suarez, Assistant to the City Manager)

3.7 Award of Purchase and Installation for Office Cubicle Furniture to Workspace Interiors for the Police Department Locker Room & Detective Room Expansion Project - Capital Improvement Project Number 204 (Kevin Rohani, P.E., Public Works Director/City Engineer)

3.8 Budget Adjustment and Transfer of Funds for the Construction of the Athletic Field Project at Nunn-Wilson Park, Capital Improvement Project Number 206 (Kevin Rohani, P.E., Public Works Director/City Engineer)

3.9 Approval of Contract Amendment # 1 with Dutchover & Associates to Provide On-Call Consulting Services Contract Landscape and Irrigation Plan Review and Inspection Services Related to Private Development Projects (Kevin Rohani, P.E., Public Works Director/City Engineer)

3.10 Acceptance of Subdivision Improvements Associated with Aspen Lane Subdivision 9043 located at the Northeast Corner of Empire Avenue and Carpenter Road (Kevin Rohani, P.E., Public Works Director/City Engineer)

3.11 Approving the Agreement with 7-Eleven, Inc., for "Stormwater Management Facilities Operations and Maintenance Agreement and Right of Entry" for the 7-Eleven located at 2001 Laurel Road and Authorizing the City Manager to Execute the Agreement (Kevin Rohani, P.E., Public Works Director/City Engineer)

3.12 Approving the Agreement with 7-Eleven, Inc., for "Agreement of Property Owner for Provision of Landscaping in the Public Right of Way Pursuant to Conditions of Approval" for the 7-Eleven located at 2001 Laurel Road and Authorizing the City Manager to Execute the Agreement (Kevin Rohani, P.E., Public Works Director/City Engineer)

3.13 Reject All Bids and Authorize Staff to Re-bid Fiscal Year 2019/2020 Curb, Gutter & Sidewalk Repair and Replacement Project – Capital Improvement Project Number 233 (Kevin Rohani, P.E., Public Works Director/City Engineer)

3.14 Award of Construction Contract to T. Amaral's Done Right Construction for the Police Department Locker Room & Detective Room Expansion Project - Capital Improvement Project Number 204 (Kevin Rohani, P.E., Public Works Director/City Engineer)

3.15 License Agreement for a Raw (Agricultural) Water Line on Daniel Drive (Kevin Rohani, P.E., Public Works Director/City Engineer)

Vice Mayor Hardcastle requested agenda items 3.8, 3.13 and 3.15 be removed for discussion.

It was moved by Councilmember Pope and seconded by Councilmember Romick to approve the remainder of the Consent Calendar. Motion was unanimous and so ordered.

Item 3.8

Public Works Director/City Engineer Kevin Rohani presented the staff report.

Vice Mayor Hardcastle inquired when payback will occur.

Mr. Rohani replied that the park impact fee will replenish the fund and he doesn't have an exact timeline as it is driven by the number of houses built.

Vice Mayor Hardcastle commented that the City is short on the amount housing built.

Mr. Rohani confirmed that is correct.

Vice Mayor Hardcastle commented he has always approached finances conservatively; if you don’t have the money, you don’t spend it.

City Manager Bryan Montgomery explained that the situation is between two budget years, the Council has been talking about it for 3 years now, funding was set aside in park funding fee, a portion went to the Recreation Center field and the remainder should have been transferred to this project. He mentioned it will likely take 3-4 years for payback. He added the money was intended to be there, it just wasn’t in the right place.

Vice Mayor Hardcastle requested clarification if the money was spent on something else.

Mr. Montgomery explained instead of Nunn-Wilson, the money was spent on the Recreation Center field; this is just moving funds.

Councilmember Pope commented that the City is taking it from reserves. He explained the City has a fund balance, with more than 20% in reserves, and it can afford to spend a bit and pay back. He added that the City’s fiscal discipline afforded the City this opportunity and the bid is a great price.

Mr. Montgomery explained staff intended to use reserve fund balance all along, but needs authority to move funds.

It was moved by Vice Mayor Hardcastle and seconded by Councilmember Romick to approve item 3.8. Motion was unanimous and so ordered. (5-0)

Item 3.13

Public Works Director/City Engineer Kevin Rohani presented the staff report.

Vice Mayor Hardcastle inquired if staff notifies residents if the sidewalk cracks in front of their houses.

Mr. Rohani explained staff immediately paints it, logs it, ramps it, and notifies the homeowner of the issue and of the cost sharing program. He further explained the property owner has an option to repair it then or to wait until staff bundles it with other like projects on an annual basis (for economies of scale).

Vice Mayor Hardcastle inquired if the City can reimburse a homeowner who repairs it immediately.

Mr. Rohani explained the City cannot reimburse in this situation because the current protocol is that staff has to bid the project.

Vice Mayor Hardcastle commented that the City can reimburse for contractor infrastructure. He inquired why it can't reimburse property owners.

Mr. Rohani explained reimbursement typically involves larger projects; to reimburse every individual would be a difficult bookkeeping task; however, if the City Council wants staff to look into it, staff can; the most important thing is to prevent a trip and fall.

It was moved by Vice Mayor Hardcastle and seconded by Councilmember Higgins to approve item 3.13. Motion was unanimous and so ordered.

Item 3.15

City Attorney Derek Cole presented the staff report. He explained that the Bella Estates Subdivision was approved by the City and then at some point it was discovered an unrecorded agriculture water line exists that would cross into the area where the developer is required to dedicate a road and some improvements and the owner of that water line which is the property located north of the subdivision is in dispute with the developer. He explained staff is proposing a license agreement; because of the unique circumstances, the City is willing to give the developer access to the City's right-of-way to run another water line that will continue to provide the same level of water service to the property to the north but that will encroach through the City's right-of-way. He explained this is not typical, but the parties have had significant dispute and a number of mediations and discussions; staff is comfortable doing this so development can proceed. He explained the developer needs to finish putting in improvements before the raining season. He mentioned this solution is not ideal, but deals with the water line that was not discovered or disclosed in during the entitlement process and closes the dispute that would eliminate more time of staff. He further explained that litigation will continue, but it doesn't impact this decision and the City has the right to do this. He indicated he believes there may be some objections by unrelated parties and comments submitted, but those belong in court, not

here. He explained the parties have rights and remedies available in court before a judge and the City should not be brought into that dispute. He strongly recommended approval.

Vice Mayor Hardcastle thanked him for explaining the matter.

Mr. Cole mentioned attorney Steven Graham with his firm has done an exceptional job and he is very impressed with the resolution presented.

Public Comment

James Arrellano commented he is disappointed with the many times the project has stopped and he just wants to move it forward.

Tim Waters commented a trial date is set for October to determine Matamoros' rights to the water line as he is trying to take water rights from landowners. He explained if the City gives Matamoros access, there is a probability that he will gain prescriptive rights to that easement which would allow access to the water, but the line that is under the road is now no longer his to maintain so the financial responsibility would fall on the City and landowners for the private section of the road that continues through the north part of the development. He mentioned there is no reason to consent to the license agreement until the trial is over to determine what type of easement he is entitled to have.

Patricia Carpino commented she does not agree to the license agreement and she does not want to lose her existing agriculture waterline and ownership. She explained Matamoros wants to disconnect her agriculture line which she would have to replace; it would cost her money, time and stress, all to give him his line. She commented that she purchased property to build a home and someone who has no rights is trying to take her rights. She encouraged the City Council to wait until the final decision is issued after the trial.

Frank Carpino commented he also disagrees with the license agreement. He explained he doesn't want to lose water rights that have been in place since 1958. He shared that he works for a water agency and understands the privilege of water resource. He explained the lawsuit occurred soon after they purchased the property and Matamoros is trying to take water rights from property owners. He encouraged the City Council to squash it, keep the water line where it is, and keep peace in their lives.

Francisco Arriaga commented he purchased his property then the lawsuit from Matamoros occurred. He explained there is no reason for it, the line has been in place for more than 20 years and now he wants to take the line. He requested the City Council help so he can build his house and move to Oakley. He expressed that he doesn't agree to another water line.

Councilmember Higgins inquired if the residents lose agricultural water if the water line is moved.

City Manager Bryan Montgomery responded the matter is complex. He explained there is an existing irrigation line, part on private property, part on the new roadway, and when the subdivision was approved by the City Council, the City Council requested the line be outside of the City right-of-way and clearly on private property; however, the property owner to the north didn't like that and it has been in dispute since. He further explained that the property owners want the line in the roadway and the license agreement doesn't do anything with water rights, it only gives a license to have the line in the City's roadway. He mentioned the City Council

originally asked through conditions of approval of the subdivision that the line not be in the City's roadway; therefore, it is a concession for the City to allow the line in the roadway. He mentioned it will make it difficult for property owners to tap into the line; the City has no authority to water rights and it may be more difficult to access once the line is under the roadway. He explained there is nothing City Council action would do to take water rights away because the City Council doesn't have that authority; the court will review it in the fall. He mentioned the parties are divided; some are saying to move the line into the roadway so they can proceed with building their homes and finish the road, others say wait until the court decides.

Mr. Cole added that the concern is if the waterline is not moved, the property sits and development is stayed until the court decision going into the raining season. He explained he presumes this matter will have a judge trial in which the judge has 90 days to rule from the date he or she takes the matter under submission if the matter is heard. He further explained the matter could be continued and there could also be delays which could last into the winter months.

Public Works Director/City Engineer Kevin Rohani commented that the property has been under construction for the past year with a lot of stop and go, there has been a lot of frustration and legal complication and staff does not want to drag it into another construction season. He explained there have been multiple rounds of mediation and multiple discussions without final resolution and the license agreement would keep the project moving forward as no one can be certain how long the court process will take.

Mr. Cole commented the parties' attorneys are present and the City Council can ask questions of them.

Vice Mayor Hardcastle inquired where will pipe will be located in the roadway.

Mr. Rohani responded the pipe will be located in the middle of the length of the roadway.

Vice Mayor Hardcastle inquired what would stop them to do laterals off the main line to the properties.

Mr. Rohani responded that it is a 6 inch pipe from the canal and connecting to laterals depends on ownership of the pipe.

Vice Mayor Hardcastle inquired if there will be no water to the properties if he denies access to the waterline.

Mr. Rohani responded it is a question for Matamoros.

Councilmember Pope commented that the City has done laterals in other City projects because it is more expensive to tear up the road than to put it in the sand. He commented they also can do laterals, but the question is who can access the pipe which is for the court to decide; the City Council doesn't know.

Mr. Rohani commented that laterals for City projects are all public waterlines; this is a private line.

Councilmember Pope commented the issue to be resolved is who has legal right to the waterline.

Mr. Cole commented that the City is not a party to the litigation and is not monitoring the issue. He mentioned the question what right do property owners have if the line is relocated. He explained he doesn't know the answer to that question; however, there are representatives for the parties here that can address that question.

Mr. Montgomery provided one possible compromise would be to include a provision in the license agreement that would require laterals in the event the court rules the property owners would have access to it, if the families want to pay for those.

Councilmember Romick commented the City Council is not qualified to adjudicate matters here and he moved to deny the license agreement and wait for the court ruling. He expressed that it would likely add to confusion to have representatives' comments before then.

Councilmember Pope seconded the motion. He commented he appreciates the spirit brought forth to compromise, but agrees the City needs to wait and he doesn't want the City to be manipulated by either party.

Mr. Cole commented there is a motion on the floor to deny the license agreement. He inquired if there are stabilization measures the City could require of the developer in the meanwhile because there is unfinished development.

Mr. Rohani commented half of the roadway has been based for many months and to have it go through another rainy season could create complications with neighbors because the road is not connected to a storm drain. He explained it is not the end of the world, but it is problematic and the primary concern is public infrastructure; the curb, gutter and sidewalk are all done, except paving of the road.

Mayor Alaura commented in weighing this information the City Council can take its vote.

Motion was unanimous and so ordered not to approve the license agreement at this time and wait for the court ruling. (5-0)

4) PUBLIC HEARINGS

None.

5) REGULAR CALENDAR

5.1 Approval of the Northern Waterfront Economic Development Initiative Memorandum of Understanding among the City of Oakley, the County of Contra Costa and the Cities of Brentwood, Antioch, Pittsburg, Concord, Hercules and Martinez (Dwayne Dalman, Economic Development Manager)

Economic Development Manager Dwayne Dalman presented the staff report and presentation.

Councilmember Romick commented that currently there is a mini-northern waterfront between four cities and this would include an extension to Hercules. He mentioned with the traffic, a reverse commute to stay home or not have to go as far would have a lasting impact on the quality of life for residents. He explained there is no financial commitment from Oakley, just staff time and expanding the group.

Vice Mayor Hardcastle commented to keep moving it forward to provide jobs, industry, transportation, and power. He added it is great that the named agencies are all working together.

Mayor Alaura commented that there are many things Oakley is already doing; it is already working with East County partners to put this area on the map to attract jobs. She mentioned Lauritzen and Driftwood are local businesses that have provided letters of support for the Memorandum of Understanding and she is in favor of moving it forward.

It was moved by Councilmember Romick and seconded by Vice Mayor Hardcastle to approve item 5.1. Motion was unanimous and so ordered. (5-0)

5.2 Consideration of Cancellation of Agreement for Park Facilities between the City and Oakley Union Elementary School District (Bryan Montgomery, City Manager; Kevin Rohani, P.E., Public Works Director/City Engineer; Jesse Dela Cruz, Parks & Landscape Superintendent)

Mayor Alaura mentioned 5.2 was already addressed. She invited any comments and explained they will be incorporated, and when the items comes back for review, she welcomes everyone back to that meeting to speak at that time.

6) REPORTS

6.1 CITY MANAGER

(a) City Manager

City Manager Bryan Montgomery announced closed captioning is being provided for the meeting tonight for the first time through the agenda management system. He explained it will assist with meeting minutes and provide ADA accessibility for viewing the meetings.

(b) Introduction of New Finance Director

Mr. Montgomery introduced new Finance Director, Tim Pryzbyla, who was already sworn in. He announced current Finance Director Deborah Sultan is retiring.

Mr. Przybyla commented that he appreciates the confidence the City has in him to serve the Oakley community, he wants to make it the best leg of his career, he likes the conservative financial management of the City, and he appreciates its level of reserves. He thanked the City Council for an exciting opportunity to work in Oakley.

6.2 OAKLEY CITY COUNCIL/OAKLEY CITY COUNCIL ACTING AS THE SUCCESSOR AGENCY TO THE OAKLEY REDEVELOPMENT AGENCY

(a) Reports from Council Liaisons to Regional Committees, Commissions and Boards AND Oakley City Council/Oakley City Council Acting as the Successor Agency to the Oakley Redevelopment Agency

(b) Requests for Future Agendas

Councilmember Romick reported he participated in phone town hall meeting last week with the Contra Costa Transportation Authority as they explained the new Transportation Expenditure Program. He mentioned they took calls, answered questions and approximately 500 people participated at one time. He also reported he attended a Reclamation District 2137 meeting in Stockton today; it manages levees around Dutch Slough properties and the Gilbert property. He mentioned grading should be completed on the 1,200 acre marsh restoration project in the fall and then replanting can begin. He explained they are rebuilding the marsh from scratch so thousands of tulles will be planted. He mentioned they are looking to breach the levee some time in 2021 and open to public shortly thereafter.

Councilmember Pope announced the next Habitat Conservancy meeting will be held August 26 at 2pm at the Brentwood City Hall Council Chambers; the meeting is open to the public and everybody is invited.

Councilmember Higgins thanked the Flor do Oakley for its invitation to participate in its event. She reported she attended the Mayors' Conference in Brentwood where attendees received sweet corn from Mayor Taylor and learned about the 2020 Census. She mentioned Ironhouse Sanitary District Director Chris Lauritzen called attention to the salinity and water circulation at Frank's Tract. She also reported Friday Night Bites was a great time with a live band.

Mayor Alaura reported that since the last City Council meeting, two Mayors' Conference meetings have been; its meeting in Brentwood focused on the importance of the 2020 Census which is very important for funding not only for the City, but for schools and other special districts. She shared that if the Census is off just by 5% in its population count, we could lose up to $500 million over 10 years (the Census period). She reported the other Mayors' Conference meeting included a PG&E presentation; its Community Wildlife Safety Program phone number is 866-743-6589 and the public can sign up to receive safety notices. She announced the Family Justice Center is coming to East County and will be holding it Grand Opening September 27; in anticipation of the event, the Family Justice Center is having an art contest for East County middle school and high school students of which art will be displayed. She submitted information to staff to post regarding the event and art contest. She shared that the 20th Anniversary Cityhood Committee is planning to have a booth at the upcoming Heart of Oakley Festival and Harvest Festival to advertise the fundraiser for dog park bricks that may be purchased. She explained the bricks will be placed in a central area of Koda Dog Park to raise money for a future shade structure for the park.

7) WORK SESSIONS

8) CLOSED SESSION

9) ADJOURN

There being no further business, the meeting was adjourned at 7:49 p.m.

Respectively Submitted,

Libby Vreonis
City Clerk

OAKLEY
CALIFORNIA

STAFF REPORT

DATE: September 10, 2019

TO: Bryan Montgomery, City Manager *Approved and Forwarded to the City Council*

FROM: Kevin Rohani, P.E., Public Works Director/City Engineer

SUBJECT: Award of Construction Contract to Cowboy Concrete Pumping for the FY 2019/20 Curb, Gutter, & Sidewalk Repair & Replacement Project – CIP 233

Background and Analysis

The City's adopted FY 2019/20 Capital Improvement Program (CIP) Budget designates funding for various infrastructure repair and replacement projects. This is consistent with the City's goals to improve the quality of the City's public infrastructure and to enhance the quality of life for our residents.

Capital Improvement Project No. 233 includes the repair and replacement of damaged/ uplifted sidewalks or curb and gutter throughout the City of Oakley, to eliminate trip and fall hazards, and to provide safe streets and sidewalks for pedestrians in the community. Tree roots are a major cause of sidewalk uplifts, and this project is targeting some of the worst areas in the City where the tree roots have damaged the concrete beyond any temporary repair.

The FY 2019/20 Curb, Gutter, & Sidewalk Repair & Replacement Project was initially advertised and the City received three (3) bids on July 25, 2019. The low bid of $116,940 exceeded the engineer's estimate by over 40%. With the vibrant economy of the SF Bay Area, the construction bidding climate continues to see an increase in construction costs, as well as a corresponding decrease in the number of bidders. Unfortunately, this trend continues to adversely affect Public Works projects.

Staff recommended that the City Council reject these bids and authorize staff to re-advertise the project. Rejecting the bids received would allow the staff to refine the scope of the project and solicit bids for the project with the expectations that more favorable bids will be received with this approach. The City Council rejected the bids received and authorized staff to re-advertise the project.

After bidding the project again, on August 22, 2019, five (5) bids were received for this project. Staff reviewed the bids and determined that Cowboy Concrete Pumping was the lowest responsible entity and is most responsive to the City's bid process.

Fiscal Impact

Cowboy Concrete Pumping was the lowest bidder for the project at a cost of $81,858.70. Staff is proposing a contingency amount of $15,000 which is all under the current FY 2019/20 budget for this project of $100,000 in Gas Tax Funds.

Staff Recommendation

On August 22, 2019, five (5) bids were received for this project. Staff reviewed the bids and determined that Cowboy Concrete Pumping was the lowest responsible entity and is most responsive to the City's bid process.

Staff recommends that the City Council adopt the resolution approving the construction agreement with Cowboy Concrete Pumping, for an amount not to exceed $81,858.70, and authorizing the City Manager to execute said agreement.

Due to variables associated with construction projects, and to address unforeseen circumstances during the course of construction; staff further recommends that the City Council authorize staff to execute future change orders to the construction contract as necessary in an amount not to exceed $15,000 for work beyond what is defined in the base project bid.

Attachments

1) Resolution
2) Bid Summary

RESOLUTION NO. __-19

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF OAKLEY APPROVING AN AGREEMENT WITH COWBOY CONCRETE PUMPING FOR THE CONSTRUCTION OF THE FY 2019/20 CURB, GUTTER, & SIDEWALK REPAIR AND REPLACEMENT PROJECT – CIP 233

WHEREAS, City Staff prepared the plans, specifications, and estimates for the construction of the Curb, Gutter, & Sidewalk Repair and Replacement Project which includes curb, gutter, sidewalk repairs, grinding, and other related work; and

WHEREAS, the plans, specifications and special provisions were publicly advertised for bidding, with the bid period closing at 2:00 P.M. on Thursday, August 22, 2019; and

WHEREAS, five (5) bids were received prior to the close of the bidding process; and

WHEREAS, Cowboy Concrete Pumping submitted the lowest responsible bid for a total cost of $81,858.70 for the work; and

WHEREAS, the FY 2019/20 budget included $100,000 for the project in the Gas Tax Funds; and

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Oakley that the Agreement with Cowboy Concrete Pumping for the construction of the FY 2019/20 Curb, Gutter, & Sidewalk Repair and Replacement Project - CIP 233, for an amount not to exceed $81,858.70 is approved, and the City Manager is authorized to execute said Agreement and change orders in an amount not to exceed $15,000 as necessary.

PASSED AND ADOPTED by the City Council of the City of Oakley at a meeting held on the 10th of September, 2019 by the following vote:

AYES:
NOES:
ABSENT:
ABSTENTIONS:

APPROVED:

_____
Claire Alaura, Mayor

ATTEST:

_____ _____
Libby Vreonis, City Clerk Date

City of Oakley Public Works Department
FY 2019-20 Annual Curb, Gutter, Sidewalk Replacement Project #233
Certified Bid Tabulation Bid opening: August 22, 2019 at 2:00 P.M. at the Civic Center

				Engineers Estimate		Cowboy Concrete Pumping 5082 Fernwood Court Oakley, CA 94561		TNB Construction 2620 East 18th Street Antioch, CA 94509		JJR Construction Inc. 1120 Ninth Avenue San Mateo, CA 94402		Kerex Engineering Inc. P.O. Box 23831 Pleasenet Hill, CA 94523		Vanguard Construction Inc. 550 Greenville Road Livermore, CA 94550	
Item No.	*Description*	*Quantity*	*Unit*	*Unit Price*	*Item Cost*	*Unit Price*	*Item Cost*	*Unit Price*	*Item Cost*	*Unit Price*	*Item Cost*	*Unit Price*	*Item Cost*	*Unit Price*	*Item Cost*
1	R&R Sidewalk	3,361	SF	20.00	67,220.00	19.70	66,211.70	21.00	70,581.00	25.00	84,025.00	35.00	117,635.00	63.00	211,743.00
2	R&R Curb & Gutter	160	LF	70.00	11,200.00	86.45	13,832.00	79.00	12,640.00	210.00	33,600.00	170.00	27,200.00	118.00	18,880.00
3	Root Prune	11	EA	100.00	1,100.00	165.00	1,815.00	175.00	1,925.00	400.00	4,400.00	500.00	5,500.00	210.00	2,310.00
	TOTAL				**79,520.00**		**81,858.70**		**85,146.00**		**122,025.00**		**150,335.00**		**232,933.00**

This certifies that all bids were received and opened on August 22, 2019, and that this is a copy of the bid tabulation with bids corrected for errors in addition and multiplication. By:



STAFF REPORT

DATE: September 10, 2019

TO: Bryan Montgomery, City Manager *Approved and Forwarded to the City Council*

FROM: Tim Przybyla, Finance Director

SUBJECT: **City of Oakley Quarterly Investment Report (4th Quarter FY 2018-19)**

Background and Analysis

California law and the City's Investment Policy require the City's fiscal officer to submit a quarterly investment report to the City Council at the end of each quarter. The report should contain information on all securities held, and include a statement denoting the ability of the local agency to meet its expenditure requirements for the next six months.

Fiscal Impact

City resources are organized and accounted for on a fund basis with some of those funds being restricted for specified uses and others that are unrestricted. For investment purposes, however, the funds are invested as a pool. The Investment Report for the Period Ending June 30, 2019 attached shows a combined pool balance of $47,830,136.16. Interest earned during the fiscal year was $937,275.83. In addition, the pool had combined 4th Quarter accrued interest earnings of $204,997.78. Interest for the period continues to reflect the lower rates currently being offered on safe, short-term investments.

The City is in compliance with the adopted investment policy and able to meet its expenditure requirements for the next six months.

Staff Recommendation

Staff recommends the City Council accept the investment report for the 4th Quarter of Fiscal Year 2018-2019.

Attachments

City of Oakley Investment Report for the quarter ended June 30, 2019.

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Quarterly Investment Report

For the Quarter Ended June 30, 2019

Type*	Name of Institution	Rate	Maturity****	Cost Amount	Market Value**
Investments in Wells Fargo Bank Account					
12	Overnight Sweep Investment	0.445%	7/1/2019	$ 3,298,052.61	$ 3,298,052.61
Investments with Wells Fargo Investment Advisors:					
9	Institutional Money Market	0.936%	N/A	1,806,413.44	1,806,413.44
Investments with State of California:					
3	Local Agency Investment Fund (LAIF)-City	2.570%	N/A	31,934,359.66	31,989,024.58
Investments with CalTRUST					
11	Short-Term Investment Account-City	1.193%	N/A	9,556,852.04	9,556,852.04
Total Investments Other than Bond Proceeds				**46,595,677.75**	**46,650,342.67**
Investments with Wells Fargo Trust (bond proceeds): * **					
	2012 Refunding Revenue Bonds				
9	***Government Money Market***				
	Wells Fargo Advantage Gov MM Svc	2.519%	N/A	897,718.67	897,718.67
4	***Certificates of Deposit (3)***				
	2014 Refunding Revenue Bonds				
9	***Government Money Market***				
	Wells Fargo Advantage Gov MM Svc	2.349%	N/A	336,508.81	336,508.81
Investments with USBank Trust (bond proceeds): * **					
	2016 Lease Revenue Bonds				
9	***Government Money Market***				
	USBank - First American Government Obligation	0.000%	N/A	229.93	229.93
Total Investments of Bond Proceeds				**1,234,457.41**	**1,234,457.41**
	Total All City Investments			**$ 47,830,135.16**	**$ 47,884,800.08**

Accrued Interest of Investments other than Bond Proceeds:

Wells Fargo Investment Advisors	1,409.61
Local Agency Investment Fund	203,588.17
Accrued Interest as of 06/30/19	$ 204,997.78

* **Type of investment** as described in Authorized Investments section of the City's adopted Investment Policy

1. U.S Government Securities	5. Bankers Acceptance	9. Money market funds
2. U.S. Government Agency Securities	6. Commercial Paper	10. Repurchase agreements
3. Local Agency Investment Fund	7. Medium term notes	11. CalTRUST Short Term Account
4. Certificates of Deposit	8. Mutual funds	12. Overnight Sweep

** **Market Valuation** for LAIF was obtained at http://www.treasurer.ca.gov/pmia-laif/mktvalue/2019/201906.pdf
Market value for all other investments was obtained from FT Interactive Data. As the City holds its investments to maturity, market value fluctuations are not significant.

*** **Investment of bond proceeds** is governed by each bond's Trust Agreement. All of the amounts with Wells Fargo Trust are debt service reserve funds. Investment income remains with the individual bond accounts.

**** With the exception of CD's, all accounts have same day or next day liquidity

The City of Oakley is in compliance with the City's annually adopted investment policy and is able to meet its operating expenditure requirements for the next six months.

Approved by Tim Przybyla
Finance Director

8/29/19
Date

STAFF REPORT

DATE: September 10, 2019

TO: Bryan Montgomery, City Manager *Approved and Forwarded to the City Council*

FROM: Tim Przybyla, Finance Director

SUBJECT: **City of Oakley as Successor Agency to the Oakley Redevelopment Agency – Quarterly Investment Report (4th Quarter FY 18-19)**

Background and Analysis

California law and the City's Investment Policy require the Agency's fiscal officer to submit a quarterly investment report to the Agency's governing board. The report should contain information on all securities held, and include a statement denoting the ability of the local agency to meet its expenditure requirements for the next six months.

Fiscal Impact

The Investment Report for the Period Ending June 30, 2019 attached shows balance of $1,274,772.72 in cash for operations. To increase annual cash flow savings of refunding bonds, cash reserves were applied to bond insurance with Build America Mutual (BAM). The Reserve Requirements are satisfied in face amounts of $571,000 for 2015 Bonds and $1,827,319.03 for 2018 Bonds.

The Agency is in compliance with the City's annually adopted investment policy. The tax revenues distributed to the Agency is sufficient to make the Agency's enforceable obligation payments as approved by the Department of Finance.

Staff Recommendation

Staff recommends the City Council, as the Board of the Successor Agency, accept the investment report for the 4th Quarter of Fiscal Year 2018-2019.

Attachments

City of Oakley as Successor Agency to the Redevelopment Agency Investment Report for the quarter ended June 30, 2019.

OAKLEY
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City of Oakley as Successor Agency to the Oakley Redevelopment Agency

Quarterly Investment Report

For the Quarter Ended June 30, 2019

Type*	Name of Institution	Rate	Maturity***	Cost Amount	Market Value
Investments in Wells Fargo Bank Account					
	Successor Agency Checking	0.180%	N/A	$ 1,274,772.72	$ 1,274,772.72
Total Investments Other than Bond Proceeds				**1,274,772.72**	**1,274,772.72**
Investments with US Bank Trust (bond proceeds): **					
	20015 A&B Tax Allocation Refunding Bonds			-	-
	2018 Tax Allocation Refunding Bonds			-	-
Total Investments of Bond Proceeds				-	-
	Total Agency Investments			**$ 1,274,772.72**	**$ 1,274,772.72**

* **Type of investment** as described in Authorized Investments section of the City's adopted Investment Policy

1. U.S Government Securities	5. Bankers Acceptance	9. Money market funds
2. U.S. Government Agency Securities	6. Commercial Paper	10. Repurchase agreements
3. Local Agency Investment Fund	7. Medium term notes	11. CalTRUST Short Term Account
4. Certificates of Deposit	8. Mutual funds	12. Overnight Sweep

** **Investment of bond proceeds** is governed by each bond's Trust Agreement. Reserve Requirements are satisfied by BAM surety policy in face amounts equal to $571,000 for 2015 Bonds and $1,827,318.76 for 2018 Bonds.

*** All Successor Agency accounts have same day or next day liquidity

The City of Oakley, as Successor Agency to the Oakley Redevelopment Agency, is in compliance with the City's annually adopted investment policy.

Approved by Tim Przybyla
Finance Director

8/29/19
Date

OAKLEY
CALIFORNIA

STAFF REPORT

DATE: August 19, 2019

TO: Bryan Montgomery, City Manager

Approved and Forwarded to the City Council

FROM: Eric Christensen, Chief of Police

SUBJECT: **Heart of Oakley Road Closures**

Background and Analysis

California Vehicle Code Section 21101 allows for cities to temporarily close portions of any street for celebrations, parades, local special events, and other purposes when the closing is necessary for the safety and protection of persons who are to use those portions of the street during the temporary closing. The authorization for road closures is done through a Resolution by the City Council, which provides the Police Department the authority to perform necessary enforcement actions to accomplish and maintain the closures.

The City's Recreation Manager has requested a road closure to support the City's Heart of Oakley event. I have met with the Recreation Manager and discussed the event and the means to reduce the impact on local businesses and neighborhoods - while ensuring the safety of the event participants. The resolution describes the closures that I recommend for the event, which includes any necessary safety buffers or corridors.

As a part of this event, the Friends of Oakley will be sponsoring a series of wine tasting booths within the footprint of the event. The Police Department has been asked to not enforce Business and Professions Code Section 25620 (open alcoholic container) within the footprint of the event. Signs prohibiting the removal of alcoholic beverages from the event area will be posted by members of the Recreation Division.

Financial Impact

The support of this event by the police department has a minimal impact upon our budget.

Recommendation

I recommend the City Council approve the Recreation Divisions request within the attached resolution.

Attachments

1. Resolution

RESOLUTION NO._____

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF OAKLEY AUTHORIZING THE CLOSE OF MAIN STREET FOR THE "HEART OF OAKLEY" EVENT

WHEREAS, Section 21101 of the Vehicle Code provides that cities may temporarily close portions of any street for celebrations, parades, local special events, and other purposes when the closing is necessary for the safety and protection of persons who are to use those portions of the street during the temporary closing.

WHEREAS, closure of certain streets during the special events designated in this Resolution is necessary for the safety and protection of persons using the streets.

WHEREAS, the City Council may also authorize a roadway to be designated as a "no parking zone" for a specified period of time for public safety upon recommendation of the City Engineer.

BE IT RESOLVED that the City Council of the City of Oakley, California resolves the following:

Section 1. The City Council finds that the "Heart of Oakley" constitutes a celebration, parade, local special event, or other purpose for which the closing of streets is necessary for the safety and protection of persons who are to use streets during the event. The "Heart of Oakley" occurs each year on the third Saturday of the month annually.

Section 2. To support the "Heart of Oakley" the City Engineer recommends the temporary closure of Main Street between Vintage Parkway and Norcross Avenue from 8 a.m. to 8 p.m. (the roadway may be opened earlier if conditions allow). The City Engineer also recommends that "No Parking Zones" be established in this area during the same times.

Section 4. The City Council finds that the above recitals are true and correct and hereby incorporates them as an operative portion of this Resolution.

PASSED AND ADOPTED by the City Council of the City of Oakley at a meeting held on the 10th of September, 2019 by the following vote:

AYES:
NOES:
ABSTENTION:
ABSENT:

APPROVED:

_____
Claire Alaura, Mayor

ATTEST:

_____

Libby Vreonis, City Clerk Date

OAKLEY
CALIFORNIA

STAFF REPORT

Date: September 10, 2019

To: Bryan H. Montgomery, City Manager

From: Libby Vreonis, City Clerk

SUBJECT: Adopt a Resolution Updating Job Classifications and Related Disclosure Categories as set forth in Section 2.9.008(a) of the Oakley Municipal Code Regarding the Conflict of Interest Code

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Background

The overarching purpose of the California Political Reform Act is to help ensure that a public officer or employee, in the course of his or her official duties, is not involved in making, or participating in the making of, decisions which may foreseeably have a material effect on any financial interest of the employee. To that end, Government Code Sections 87300, *et seq.,* require every local agency to promulgate a Conflict of Interest Code which contains (1) a specific listing of the positions within the City which involve the making, or participation in the making, of decisions which may foreseeably have a material effect on any financial interest, and (2) for each such position, the specific types of investments, business positions, interests in real property and sources of income which are reportable. All such designated employees are required to file an annual Form 700 Statement of Economic Interest.

In developing a disclosure list for the conflict of interest code, a "Designated Employee" is an officer, employee, member or consultant of an agency whose position is designated in the code because the position entails the making, or participation in the making, of governmental decisions which may foreseeably have a material effect on any financial interest. Making a governmental decision means the person: (1) votes on a matter; (2) appoints a person; (3) obligates or commits the City to any course of action; or (4) enters into any contractual agreement on behalf of the City. Participating in the making a decision means the person: (1) negotiates, without significant substantive review, with a governmental entity or private person regarding the decision; or (2) advises or makes recommendations to the decision-maker by conducting research or an investigation, preparing or presenting a report, analysis or opinion which requires the exercise of judgment on the part of the employee and the employee is attempting to influence the decision.

It should be stressed that being listed as a designated employee (or not) does not relieve an individual from following any and all state statutes or FPPC regulations concerning conflicts of interest. This action is only an attempt by the City to appropriately notify the public of potential areas where a conflict may foreseeably arise as these individuals carry out their normal City duties.

The City's Conflict of Interest Code is provided beginning in Section 2.9.002 of the Oakley Municipal Code which provides for the disclosure of assets and income of designated employees of the City which may be materially affected by their actions and, in appropriate circumstances, to provide that designated employees should be disqualified from acting in an order that would create a conflict of interest. Section 2.9.006 provides disclosure categories that designated employees are subject to and Section 2.9.008(a) references a list on file with the City Clerk's Office and the City's website of designated employees and their respective disclosure categories. In January 2014, the City Council added Section 2.9.008(c) to the Oakley Municipal Code to allow future changes to job classifications and disclosure categories to be made by resolution.

The Political Reform Act requires the City to conduct a biennial review of its Conflict of Interest Code on even-numbered years. The last review was performed in September 2018. The next review is scheduled for September 2020. In between the required updates, staff recommends voluntary updates occur as job classifications are updated.

Staff recommends the City Council add the following approved job classifications and related disclosure categories:

Job Classification	Disclosure Categories
• Assistant City Attorney	1
• Capital Project Coordinator	2, 3, 4
• Citizen Planning Advisors	1, 5
• Community Development Director	1
• Parks and Landscape Maintenance Superintendent	2, 3, 4, 5
• Planning Technician	2, 5
• Principal Planner	2, 4, 5
• Senior Accountant	2, 3, 4

Staff also recommends amending the following positions set forth in Section 2.9.008(a) to reflect changes to inactive positions:

- Assistant Engineer
- Code Enforcement Manager
- Management Analyst
- Parks and Landscape Maintenance Division Manager
- Parks and Landscape Maintenance Foreman

- Planning Manager
- Senior Engineer
- Senior Planner

Fiscal Impact

None.

Staff Recommendation

Staff recommends the City Council adopt a resolution to add the additional job classifications and related disclosure categories and remove inactive positions provided in this staff report.

Attachments

1. Resolution

RESOLUTION NO._____

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF OAKLEY UPDATING JOB CLASSIFICATIONS AND RELATED DISCLOSURE CATEGORIES AS SET FORTH IN SECTION 2.9.008(a) OF THE OAKLEY MUNICIPAL CODE REGARDING THE CONFLICT OF INTEREST CODE

BE IT RESOLVED that the job classifications and related disclosure categories as set forth in Section 2.9.008(a) of the Oakley Municipal Code are hereby updated as provided in the attached Exhibit "A", and is hereby approved by the Oakley City Council.

PASSED AND ADOPTED by the City Council of the City of Oakley at a meeting held on the 10th day of September, 2019 by the following vote:

AYES:

NOES:

ABSTENTION:

ABSENT:

APPROVED:

_____
Claire Alaura, Mayor

ATTEST:

_____
Libby Vreonis, City Clerk Date

EXHIBIT A

2.9.008 Designated employees.

a. The persons holding the following listed positions are designated employees. Officers, employees, and independent contractors holding these positions are deemed to make, or participate in the making of, decisions which may foreseeably have a material effect on a financial interest. Therefore, these persons are subject to the disclosure categories as listed below:

Designated Employee	**Disclosure Categories**
Administrative Hearing Officer	Category 1
Assistant City Attorney	Category 1
Assistant to the City Manager	Categories 3 and 5
~~Assistant Engineer~~	~~Categories 2, 4 and 5~~
Associate Engineer	Categories 2, 4 and 5
Building Inspectors	Categories 2 and 5
Building Official	Category 1
Capital Project Coordinator	Categories 2, 4 and 5
Chief of Police	Category 1
Citizen Planning Advisors	Categories 1 and 5
City Clerk	Category 1
City Engineer / Public Works Director	Category 1
City Surveyor	Category 1
~~Code Enforcement Manager~~	~~Categories 1, 2, 3, 4 and 5~~
Code Enforcement Officer	Categories 2, 3 and 4
Code Enforcement Technician	Categories 2, 3 and 4
Community Development Director	Category 1
Community Program Coordinator	Category 4
Economic Development ~~-~~Manager	Categories 1, 3, 4 and 5
Human Resources Manager	Categories 4 and 5
Lieutenant	Categories 2, 3 & 4
~~Management Analyst~~	~~Categories 3, 4 and 5~~
Network Manager	Categories 4 and 5
Paralegal	Categories 2, 3 and 5
~~Parks and Landscape Maintenance Division Manager~~	~~Categories 3, 4 and 5~~
~~Parks and Landscape Maintenance Foreman~~	~~Category 5~~

Parks and Landscape Maintenance Superintendent	Categories 2, 3, 4 and 5
Permit Center Manager	Categor~~ies 2, 4 and 5~~y 1
~~Planning Manager~~	~~Category 1~~
Planning Technician	Categories 2 and 5
Police Lieutenant	Category 5
Police Sergeant	Category 5
Principal Planner	Categories 2, 4 and 5
Project Manager	Categories 2 and 4
Public Works Inspector	Categories 2 and 5
Recreation and Events Coordinator	Categories 4 and 5
Recreation Manager / Website Coordinator	Category 1
Senior Accountant	Categories 2, 3 and 4
Senior Accounting Technician	Categories 3 and 5
~~Senior Engineer~~	~~Categories 2, 4 and 5~~
~~Senior Planner~~	~~Categories 2, 4 and 5~~
Stormwater Coordinator	Categories 2 and 5
Streets Maintenance Foreman	Category 5

OAKLEY
CALIFORNIA

STAFF REPORT

DATE: September 10, 2019

TO: Bryan Montgomery, City Manager *Approved and Forwarded to the City Council*

FROM: Tim Przybyla, Finance Director

SUBJECT: Consideration of a Resolution Repealing Resolution No. 118-05 and Designating a Board Member and an Alternate Board Member to the Municipal Pooling Authority of Northern California (MPA)

Background and Analysis

At a regular meeting on November 28, 2005, the City Council adopted a resolution that designated the City Manager as the City's Board Member and the Finance Director as the City's Alternate Board Member to the MPA. Since the Finance Director and the Assistant to the City Manager/Human Resources Manager are more directly involved in risk management issues that are dealt with by the MPA and since both of those positions report directly to the City Manager, staff felt that it would be beneficial for the City to designate those two positions as the City's representatives on the MPA Board, with the Finance Director as the Board Member and the Assistant to the City Manager/Human Resources Manager as the Alternate Board Member. Either or both positions can attend MPA meetings, and the Alternate Board Member can vote on behalf of the City at Board meetings when the Board Member is not present at such meetings.

Having the two positions mentioned above participate in the MPA is expected to expand their knowledge of risk management issues and provide further benefit to the City of Oakley in the form of higher awareness of safety and liability concerns and lower numbers of claims or incidents that result in harm to the City, its residents or its employees.

Fiscal Impact

There is no fiscal impact related to the approval of this resolution.

Staff Recommendation

Staff recommends the Council adopt the Resolution Repealing Resolution No. 118-05 and Designating a Board Member and an Alternate Board Member to the Municipal Pooling Authority of Northern California (MPA).

Attachments

1. Resolution

RESOLUTION NO. __-19

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF OAKLEY REPEALING RESOLUTION NO. 118-05 AND DESIGNATING A BOARD MEMBER AND AN ALTERNATE BOARD MEMBER TO THE MUNICIPAL POOLING AUTHORITY OF NORTHERN CALIFORNIA

WHEREAS, the City Council of the City of Oakley is a member of the Municipal Pooling Authority of Northern California (MPA); and

WHEREAS, the City Council previously adopted Resolution No. 118-05, designating the City Manager as City's Board Member to the MPA and the Finance Director as the City's Alternate Board Member to the MPA; and

WHEREAS, the City's Finance Director and the Assistant to the City Manager/Human Resources Manager are more directly involved in the City's risk management activities; and

WHEREAS, both the City's Finance Director and the Assistant to the City Manager/Human Resources Manager report directly to the City Manager; and

WHEREAS, having the City's Finance Director and the Assistant to the City Manager/Human Resources Manager participate in MPA meetings and programs is expected to expand their knowledge of risk management issues and provide further benefit to the City of Oakley; and

WHEREAS, the City would like to designate its Finance Director as the Board Member and its Assistant to the City Manager/Human Resources Manager as the Alternate Board Member.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Oakley does hereby repeal Resolution No. 118-05: and

BE IT FURTHER RESOLVED that the Finance Director is hereby designated as the City's Board Member to the MPA and the Assistant to the City Manager/Human Resources Manager is hereby designated as the City's Alternate Board Member to the MPA.

PASSED, APPROVED AND ADOPTED by the City Council of the City of Oakley at a regular meeting held on the 10th day of September 2019 and adopted by the following vote:

AYES:

NOES:

ABSTENTION:

ABSENT:

APPROVED:_____
Claire Alaura, MAYOR

ATTEST:

_____
Libby Vreonis, CITY CLERK

OAKLEY
CALIFORNIA

STAFF REPORT

DATE: September 10, 2019

TO: Bryan Montgomery, City Manager *Approved and Forwarded to the City Council*

FROM: Kenneth Strelo, Principal Planner

SUBJECT: **4190 Brown Road Minor Subdivision Tentative Map Extension (TME 01 19) – Request for three (3) year extension to the expiration of the Tentative Parcel Map MS 08-978, located at 4190 Brown Road.**

Summary

This is a public hearing on a request by Randy Mass ("Applicant") for the approval of a Tentative Map Extension. The applicant is requesting to extend the approval of Tentative Parcel Map MS 08-978 (known as "4190 Brown Road Minor Subdivision") for a period of three (3) additional years ("Project"). This will be the second discretionary extension. The previous extension was granted May 24, 2016. Granting this extension would make up the final three (3) years of maximum discretionary extensions allowed. The approved Tentative Parcel Map consists of approximately 2.0 acres subdivided into four (4) lots plus one (1) remainder lot. This project site is located at 4190 Brown Road and is zoned R-10 (Single-Family Residential) District. APN: 035-050-012.

Staff Recommendation

Staff recommends the City Council adopt the resolution approving 4190 Brown Road Minor Subdivision 08-978 Tentative Map Extension (TME 01-19), as conditioned.

Background and Project Description

General Plan and Zoning

- The General Plan Land Use Designation for the project site is *Single Family Residential, High Density* ("SH") as depicted in the Oakley 2020 General Plan Figure 2-2 (Land Use Diagram).
- The site is zoned R-10 (Single-Family Residential) District as depicted on the City of Oakley Zoning Map.

The R-10 (Single Family Residential) District is found to be compatible with the SH Land Use Designation per Table 2-6 (General Plan/Zoning Compatibility Matrix) of the Oakley 2020 General Plan.

Previous Entitlements

Oakley City Council adopted the project's tentative parcel map (or "minor subdivision") on April 28, 2009 through adoption of City council Resolution No. 76-09. In conjunction with the tentative parcel map, the City Council rezoned the project site to R-10 District through adoption of Ordinance No. 13-09 on May 12, 2009. That ordinance went into effect on June 11, 2009 (30 days after adoption), and the tentative parcel map entitlement went into effect one day thereafter, or June 12, 2009. The tentative parcel map received a three (3) year approval period from its effective date, and therefore, was set to expire on June 12, 2012. However, through the two most recent state-wide automatic map extensions[1] the tentative parcel map expiration date was pushed out for an additional four (4) years, or June 12, 2016. The map was set to expire on June 12, 2016; however, a discretionary extension of three (3) years was approved by the City Council on May 12, 2016 through the adoption of Resolution 76-16.

Project Description

The applicant is requesting an extension of three (3) years to the entitlement of the approved tentative parcel map. If approved, the map would not expire until June 12, 2012. Granting this request will make up the final three (3) years of maximum discretionary extensions allowed, per the Subdivision Map Act.

Environmental Review

The request for an extension to the Tentative Map does will not result in any new physical impacts on the project, and therefore not result in any new significant impacts. The project falls within the scope of the original California Environmental Quality Act ("CEQA") analysis and no further environmental analysis is required.

Analysis

The Subdivision Map Act (Government Code 66452.6 (e)) allows the governing body with authority to approve the tentative map to extend that approval for a period not to exceed six (6) additional years from the original expiration date. That original expiration date would include any automatic extensions, such as those mentioned above, and the extension does not have to occur in one approval. In other words, the City Council may grant multiple approvals on the same map, so long as requests for extensions are submitted prior to expiration of the map, pursuant to the subdivision map act.

[1] AB 208 (2011) – 24 months, and AB 116 (2013) – 24 months.

The applicant is requesting a three (3) year extension to the tentative parcel map approval. The subdivision is small in size (2.0 acres) and total number of future lots (1 lot into 4 lots plus a remainder parcel). It is located at the northern terminus of Brown Road where it ends at the Contra Cost Canal, which is not along a major arterial or even residential collector of which the public depends heavily on to be improved. These factors result in this map not being a major subdivision where its development will lead to much needed public improvements. Therefore, allowing for a three year extension to the approval will not result in any direct or indirect public health, safety, or welfare issues.

Conditions of Approval

Pursuant to the Subdivision Map Act, the City Council may approve or conditionally approve extensions to a tentative map. It is noted here and referenced in the proposed resolution's findings that all conditions of approval in Resolution 76-09 that are not modified in the proposed resolution or per the previous extension (Resolution 76-16) are still in full effect for this tentative parcel map. Proposed conditions of approval reflect references to previous entitlements, standard language related to indemnification and applicant's responsibilities, the new expiration date, and updates to Lighting and Landscaping conditions in Resolution 76-06 through annexation into Community Facilities District (CFD) 2015-2.

Findings

Complete draft findings are included in the attached resolution.

Staff Recommendation

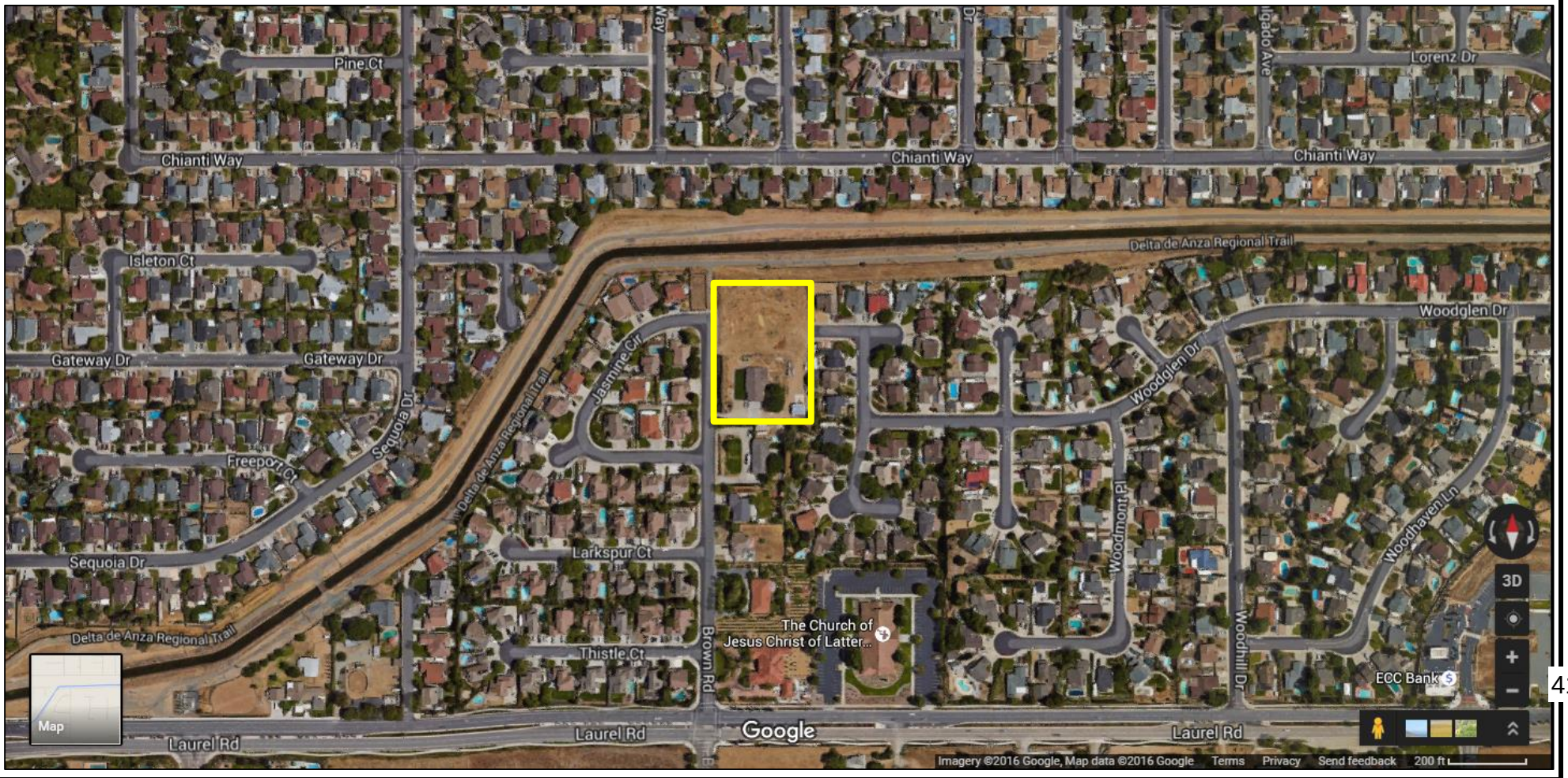
Staff recommends the City Council adopt the resolution approving 4190 Brown Road (MS 08-978) Tentative Parcel Map Extension (TME 01-19), extending the Tentative Map approval for an additional and final three (3) years, as conditioned.

Attachments

1. Vicinity Map
2. Public Hearing Notice
3. Approved Tentative Parcel Map
4. Draft Resolution

Vicinity Map

Project: 4190 Brown Road Minor Subdivision Tentative Map Extension (TME 01-19).
Address: 4190 Brown Road, Oakley, CA 94561; APN 035-050-012.



City of Oakley
3231 Main Street
Oakley, CA 94561
www.oakleyinfo.com

NOTICE OF PUBLIC HEARING

Notice is hereby given that on **September 10, 2019** at 6:30 p.m., or as soon thereafter as the matter may be heard, the City Council of the City of Oakley will hold a Public Hearing at the Council Chambers located at 3231 Main Street, Oakley, CA 94561 for the purposes of considering an application for a **Tentative Map Extension**.

Project Name: 4190 Brown Road Minor Subdivision Tentative Map Extension (TME 01-19).

Project Location: 4190 Brown Road, Oakley, CA 94561. APN: 035-050-012.

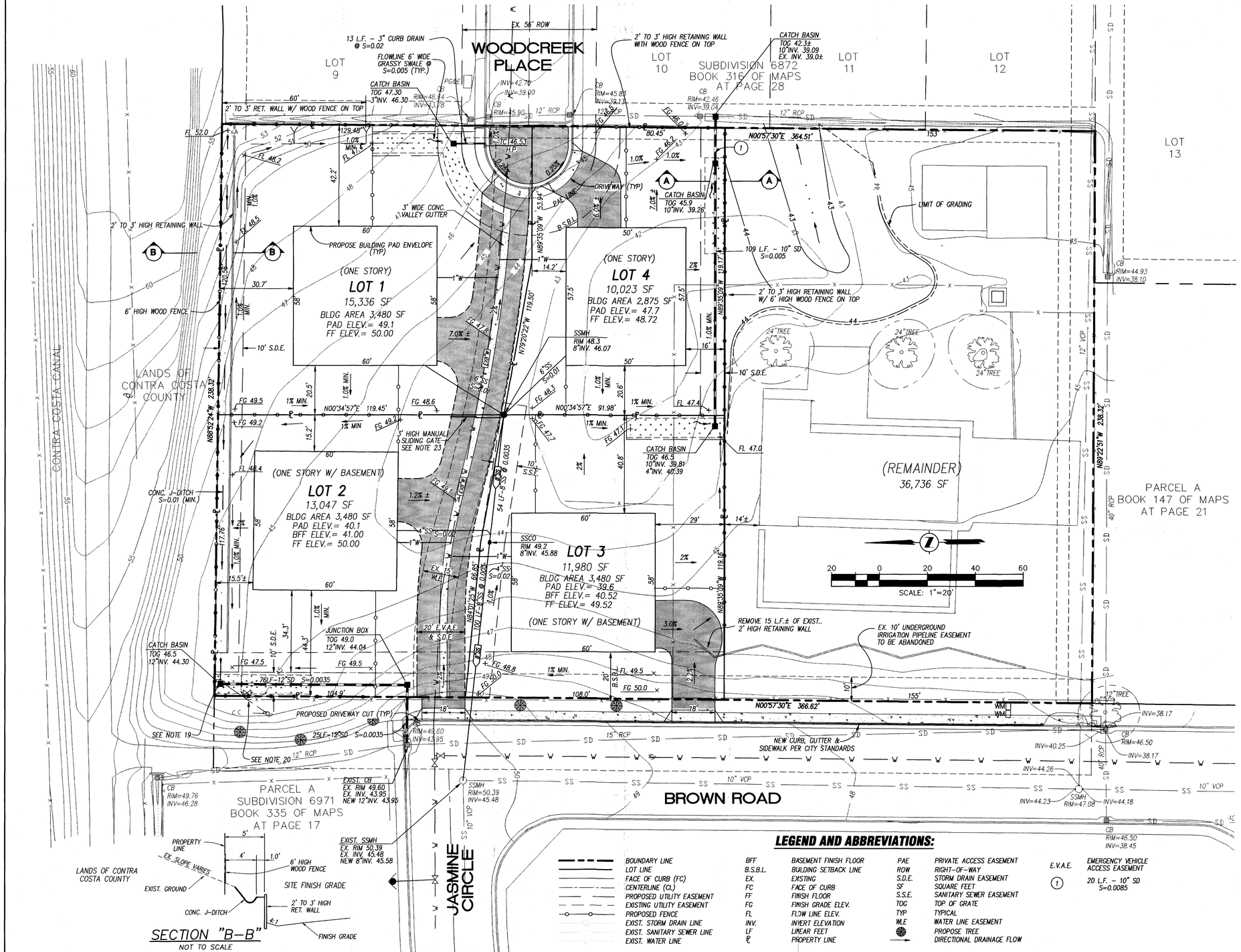
Applicant: Randy Mass, 4190 Brown Road, Oakley, CA 94561.

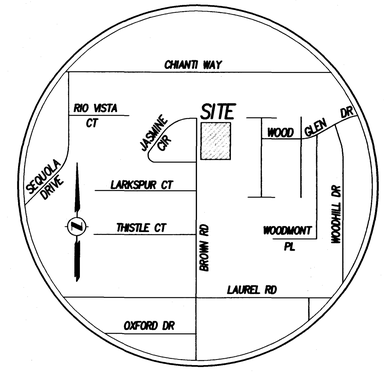
Request: This is a public hearing on a request for the approval of a Tentative Map Extension. The applicant is requesting to extend the approval of Tentative Parcel Map MS 08-978 (known as "4190 Brown Road Minor Subdivision") for a period of three (3) additional years. This will be the second discretionary extension. The previous extension was granted May 24, 2016. Granting this extension would make up the final three (3) years of maximum discretionary extensions allowed. The approved Tentative Parcel Map consists of approximately 2.0 acres subdivided into four (4) lots plus one (1) remainder lot. This project site is located at 4190 Brown Road and is zoned R-10 (Single-Family Residential) District. APN: 035-050-012.

How to Review: The Staff Report and its attachments will be available for public review, on or before **September 5, 2019** at City Hall, 3231 Main Street, Oakley, CA 94561 or online at www.ci.oakley.ca.us/agendas-minutes-videos-archive/ by navigating to the **September 10, 2019** agenda and clicking the project title link. (Note: City Hall is closed on the 1st and 3rd Fridays of each month).

Interested persons are invited to submit written comments prior to and may testify at the public hearing. **Written comments may be submitted to Kenneth W. Strelo, Principal Planner at the City of Oakley, 3231 Main Street, Oakley, CA 94561 or by email to strelo@ci.oakley.ca.us.**

NOTICE IS ALSO GIVEN pursuant to Government Code Section 65009(b) that, if this matter is subsequently challenged in Court by you or others, you may be limited to raising only those issues you or someone else has raised at a Public Hearing described in this notice or in written correspondence delivered to the City of Oakley City Clerk at, or prior to, the Public Hearing.

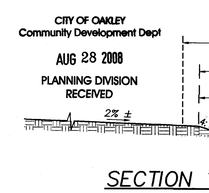




VICINITY MAP
NOT TO SCALE

GENERAL NOTES

1. OWNER/DEVELOPER
   MSKELLY, LLC
   3128 ANDERSON DRIVE
   BRENTWOOD, CA 94513
2. CIVIL ENGINEER:
   MILANI & ASSOCIATES
   4071 PORT CHICAGO HWY - 100
   CONCORD, CA 94520
   PHONE: (925) 674-9082
   FAX: (925) 674-9279
   ATTN: KEN ALCOCK
3. ADDRESS: 4190 BROWN ROAD, OAKLEY, CA 94561
4. ASSESSOR PARCEL NUMBER: 035-050-012
5. LEGAL DESCRIPTION: SEE PRELIMINARY TITLE REPORT FOR PROPERTY DESCRIPTION.
6. TOTAL SITE ACREAGE: 2.0 AC. (87,122 SF)
7. LOT SIZE: MIN-10,023 SF; MAX-36,736 SF; AVERAGE-17,424 SF; AVERAGE(EXCLUDING LOT 5)-12,596 SF
8. TOTAL NUMBER OF LOTS: 4 WITH REMAINDER
9. G.P. DESIGNATION - SH (SINGLE FAMILY, HIGH DENSITY-5.5 UNITS PER ACRE)
10. EXISTING ZONING: A-2
11. PROPOSED ZONING: R-10 (MIN. LOT AREA=10,000 SF., MIN. FRONT YARD SET BACK=20 FT., MIN. REAR YARD SET BACK=15 FT., MIN. AGGREGATE WIDTH OF SIDE YARD=20 FT., WITH ONE SIDE=5 FT.)
12. EXISTING USE: SINGLE FAMILY RESIDENTIAL
13. PROPOSED USE: SINGLE FAMILY RESIDENTIAL
14. FLOOD ZONE: "X" (OUTSIDE THE 100 AND 500 YEAR FLOODPLAINS) (PANEL 0607660355A)
15. UTILITIES & SERVICES:
    WATER: DIABLO WATER DISTRICT
    SEWAGE: IRONHOUSE SANITARY DISTRICT
    GAS & ELECTRIC: PACIFIC GAS & ELECTRIC
    TELEPHONE: AT&T
    POLICE: CITY OF OAKLEY
    DRAINAGE: CONTRA COSTA COUNTY FLOOD CONTROL & CONSERVATION DISTRICT (CCCFC&WCD)
16. NO NEW STREET NAMES ARE PROPOSED.
17. EXISTING SITE TOPOGRAPHY GENERATED FROM FIELD DATA TAKEN BY MILANI & ASSOCIATES IN AUGUST OF 2007.
18. LOT 1 BUILDING IS ON SLAB FOUNDATION; LOT 2 AND LOT 3 BUILDINGS ARE ON A BASEMENT FOUNDATION AND LOT 4 BUILDING IS ON A STEM WALL FOUNDATION.
19. ABANDON EXISTING ELECTRICAL JOINT POLE.
20. ABANDON EXISTING WATER VALVE.
21. EARTHWORKS QUANTITIES (UNADJUSTED): 4,400 CY (FILL)
22. NEIGHBORHOOD FENCE PER CITY OF OAKLEY'S RESIDENTIAL DESIGN GUIDELINES.
23. 3 FT. HIGH MANUAL SLIDING GATE WITH FIRE DISTRICT LOCK. GATE OPENING IS 22 FT. ±.



SECTION "A-A"
NOT TO SCALE

SECTION "B-B"
NOT TO SCALE

LEGEND AND ABBREVIATIONS:

BOUNDARY LINE
LOT LINE
FACE OF CURB (FC)
CENTERLINE (CL)
PROPOSED UTILITY EASEMENT
EXISTING UTILITY EASEMENT
PROPOSED FENCE
EXIST. STORM DRAIN LINE
EXIST. SANITARY SEWER LINE
EXIST. WATER LINE

BFF	BASEMENT FINISH FLOOR	PAE	PRIVATE ACCESS EASEMENT
B.S.B.L.	BUILDING SETBACK LINE	ROW	RIGHT-OF-WAY
EX.	EXISTING	S.D.E.	STORM DRAIN EASEMENT
FC	FACE OF CURB	SF	SQUARE FEET
FF	FINISH FLOOR	S.S.E.	SANITARY SEWER EASEMENT
FG	FINISH GRADE ELEV.	TOG	TOP OF GRATE
FL	FLOW LINE ELEV.	TYP	TYPICAL
INV.	INVERT ELEVATION	W.E.	WATER LINE EASEMENT
LF	LINEAR FEET		PROPOSE TREE
℄	PROPERTY LINE		DIRECTIONAL DRAINAGE FLOW

E.V.A.E. EMERGENCY VEHICLE ACCESS EASEMENT

(1) 20 L.F. - 10" SD S=0.0085

Planning
Surveying & Mapping
Land Development Engineering
Municipal Engineering
Construction Staking
Construction Management

MILANI & Associates

4071 Port Chicago Highway
Suite 100
Concord, CA 94520
Phone: (925) 674-9082
Fax: (925) 674-9279

PROJECT: 4190 BROWN ROAD **MS 08-978**

TENTATIVE PARCEL MAP

CITY OF OAKLEY **CONTRA COSTA COUNTY** **CALIFORNIA**

DESIGNED UNDER THE DIRECTION OF:

MICHAEL E. MILANI DATE
R.C.E. No. 35121 REGISTRATION EXPIRES 9-30-09

DESIGN: RDC	JOB NO: 270053-00
DRAWN: RDC	DATE: 04/16/08
CHECKED: KRA	SCALE: 1"=20'

REGISTERED PROFESSIONAL ENGINEER MICHAEL EUGENE MILANI No.35121 EXP. 09/30/09 CIVIL STATE OF CALIFORNIA

NO.	REVISIONS	BY	APP	DATE

SHEET 1 OF 1 SHEETS

MS 08-978

F:\Jobs\270053\Tentative Map\TENT_MAP.dwg Layout1 8-27-08 04:20:13 PM rdecastro

RESOLUTION NO. XX-19

A RESOLUTION OF THE CITY OF OAKLEY CITY COUNCIL MAKING FINDINGS AND APPROVING A TENTATIVE MAP EXTENSION FOR THE PROJECT KNOWN AS 4190 BROWN ROAD MINOR SUBDIVISION TENTATIVE MAP EXTENSION (TME 01-19)

FINDINGS

WHEREAS, on June 3, 2019, Randy Mass ("Applicant") requested approval of a Tentative Map Extension. The applicant is requesting to extend the approval of Tentative Parcel Map MS 08-978 (known as "4190 Brown Road Minor Subdivision") for a period of three (3) additional years ("Project"). This will be the second discretionary extension. The previous extension was granted May 24, 2016. Granting this extension would make up the final three (3) years of maximum discretionary extensions allowed. The approved Tentative Parcel Map consists of approximately 2.0 acres subdivided into four (4) lots plus one (1) remainder lot. This project site is located at 4190 Brown Road and is zoned R-10 (Single-Family Residential) District. APN: 035-050-012; and

WHEREAS, the approved tentative parcel map consists of a 2.0 acre site subdivided into 4 lots with one remainder parcel; and

WHEREAS, the General Plan Land Use Designation for the project site is Single Family Residential, High Density as depicted in the Oakley 2020 General Plan Figure 2-2 (Land Use Diagram). The site is zoned "R-10" (Single Family Residential) District; and

WHEREAS, the approved tentative parcel map was originally approved by the Oakley City Council on April 28, 2009 through adoption of Resolution 76-09. Approval of the rezone to R-10 District was on May 12, 2009 through adoption of Ordinance 13-09; and

WHEREAS, the approved tentative parcel map was set to expire on June 12, 2019; and

WHEREAS, on May 12, 2016, the City Council approved a three (3) year extension to the tentative parcel map through adoption of Resolution 76-16; and

WHEREAS, it can be seen with certainty that the request for an extension to the tentative parcel map will not result in any new physical impacts to the project, and therefore not result in any new significant environmental impacts. The project falls within the scope of the original California Environmental Quality Act ("CEQA") analysis and no further environmental analysis is required. Additionally, since the tentative parcel map is already approved, and the property zoning is in compliance with the General Plan, a project of this nature would be exempt from CEQA pursuant to CEQA Guidelines Section 15315 (Minor Land Divisions); and

WHEREAS, on August 30, 2019, the Notice of Public Hearing for the project was published in the Contra Costa Times, and on or before August 30, 2019 it was posted at

Oakley City Hall located at 3231 Main Street, outside the gym at Delta Vista Middle School located at 4901 Frank Hengel Way, and outside the library at Freedom High School located at 1050 Neroly Road, and at the project location, and mailed out to all owners of property within 500 feet of the project boundaries, outside agencies, and parties requesting such notice; and

WHEREAS, on September 10, 2019, the City Council opened the public hearing and received a report from City Staff, oral and written testimony from the applicant and public, and deliberated on the project. At the conclusion of its deliberations, the City Council took a vote and adopted this resolution to approve the project, as revised by the City Council during its deliberations; and

WHEREAS, if any term, provision, or portion of these Findings or the application of these Findings to a particular situation is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remaining provisions of these Findings, or their application to other actions related to the Project, shall continue in full force and effect unless amended or modified by the City; and

WHEREAS, these Findings are based on the City's General Plan, the City's Zoning and Subdivision Ordinances, the Subdivision Map Act, Tentative Parcel Map MS 08-978, the R-10 District, and the information submitted to the City Council at its September 10, 2019 meeting, both written and oral, including oral information provided by the applicant, as reflected in the minutes of such meetings, together with the documents contained in the file for the Subdivision (hereafter the "Record").

NOW, THEREFORE, BE IT RESOLVED THAT, on the basis of the above Findings and the entire Record, the City Council makes the following additional findings in support of the recommended approvals:

A. Regarding the application requesting approval of 4190 Brown Road Minor Subdivision Tentative Map Extension (TME 01-19), the City Council finds that:

   1. The proposed tentative map extension does not modify any of the original tentative map's design, and therefore, all of the findings made on the original tentative map (City Council Resolution 76-09) are still valid and apply to this extension; and

   2. All conditions of approval in City Council Resolutions 76-09 and 76-16, not otherwise modified by this resolution, are still in effect.

B. The Project complies with Measure J Growth Management requirements.

BE IT FURTHER RESOLVED THAT, on the basis of the above Findings and the Record, the City Council approves the applicant's request for 4190 Brown Road Minor Subdivision Tentative Map Extension (TME 01-19), subject to the following conditions:

THE FOLLOWING CONDITIONS OF APPROVAL SHALL BE SATISFIED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT UNLESS OTHERWISE NOTED (BOLD CONDITIONS ADDED OR AMENDED AT PUBLIC HEARING):

Planning Department Conditions

1. Applicant shall comply with the requirements of the Oakley Municipal Code and applicable Conditions of Approval from City Council Resolutions No.76-09 and 76-16, and City Council Ordinance No. 13-09. Any exceptions must be stipulated in these Conditions of Approval.

2. This approval shall extend the period of the tentative parcel map for a period of three (3) additional years, resulting in Minor Subdivision (MS 08-978) expiring on June 12, 2022, unless it is further extended pursuant to the Subdivision Map Act or other automatic extensions. This extension in combination with the extension granted by Resolution 76-16 shall constitute six (6) years of the maximum six (6) years of discretionary extension(s) allowed under Government Code section 66452.6(e).

3. All conditions of approval shall be satisfied by the owner/developer. All costs associated with compliance with the conditions shall be at the owner/developer's expense.

4. The applicant shall indemnify, defend, and hold harmless the City of Oakley, the City Approving Authorities, and the officers, agents, and employees of the City from any and all claims, damages and liability (including, but not limited to, damages, attorney fees, expenses of litigation, costs of court).

Public Works and Engineering Conditions

5. Regarding annexation into Community Facilities Districts, Condition of Approval Nos. 83, 84, and 85 of City Council Resolution No. 76-09 shall be replaced with the following condition:

    a. Prior to filing a parcel map, the Applicant shall annex the property to the City of Oakley Community Facilities District No. 2015-2 which provides a funding mechanism to mitigate the Development's fiscal impact associated with the City's regional, community and neighborhood parks, public area landscaping, street lights and storm water facilities. The Applicant shall apply for annexation and provide all information and documents required by the City or its agents in processing the annexation. All costs of annexation shall be paid by Applicant.

Advisory Notes:

The following Advisory Notes are provided to the applicant as a courtesy but are not a part of the conditions of approval. Advisory Notes are provided for the purpose of

informing the applicant of additional ordinance requirements that must be met in order to proceed with development.

A. The applicant/owner should be aware of the expiration dates and renewing requirements prior to requesting building or grading permits.
B. The project will require a grading permit pursuant to the Ordinance Code.
C. Applicant shall comply with the requirements of Ironhouse Sanitary District.
D. The applicant shall comply with the requirements of the Diablo Water District.
E. Comply with the requirements of the East Contra Costa Fire Protection District.
F. Comply with the requirements of the Building Inspection Division. Building permits are required prior to the construction of most structures.
G. This project may be subject to the requirements of the Department of Fish and Wildlife. It is the applicant's responsibility to notify the Department of Fish and Wildlife, P.O. Box 47, Yountville, California 94599, of any proposed construction within this development that may affect any fish and wildlife resources, per the Fish and Game Code.
H. This project may be subject to the requirements of the Army Corps of Engineers. It is the applicant's responsibility to notify the appropriate district of the Corps of Engineers to determine if a permit is required, and if it can be obtained.
I. The applicant shall obtain an encroachment permit for construction within existing City rights of way.

PASSED AND ADOPTED by the City Council of the City of Oakley at a meeting held on the September 10, 2019 by the following vote:

AYES:

NOES:

ABSENT:

ABSTENTIONS:

APPROVED:

_____
Claire Alaura, Mayor

ATTEST:

_____ _____
Libby Vreonis, City Clerk Date

OAKLEY
CALIFORNIA

STAFF REPORT

DATE: September 10, 2019

TO: Bryan Montgomery, City Manager *Approved and Forwarded to the City*

FROM: Kenneth W. Strelo, Principal Planner

SUBJECT: **The Vines at Oakley Subdivision 9507 (GPA 05-18, RZ 09-18, TM 06-18, DR 13-18) – Request for approval of a General Plan Amendment, Rezone, Vesting Tentative Map, and Design Review to construct a new residential subdivision with 63 single-family residential lots located at 2371 Oakley Road**

Summary

This is an application by MLC Holdings, Inc. ("Applicant") requesting approval of the following four entitlements ("Project"):

1) a General Plan Amendment to re-designate 2.20 acres of the 9.87 acre site (gross acreage) from SH (Single Family Residential, High Density) to ML (Multi Family Residential, Low Density) (GPA 05-18);

2) a Rezone from Single Family Residential (R-6) District to Planned Unit Development (P-1) District (RZ 09-18);

3) a Vesting Tentative Map to subdivide approximately 9.87 acres into 63 single family residential lots, a storm water treatment bio-retention area, and right of way dedication and frontage improvements along Oakley Road (TM 06-18); and

4) Design Review for home designs consisting of three floor plans (one 1-story and two 2-stories) ranging from 1,631 sf. to 2,721 sf (DR 13-18).

The project site is located at 2371 Oakley Road and is zoned Single Family Residential (R-6) District. APN: 041-100-035.

Staff Recommendation

Staff recommends the City Council approve the project titled, "The Vines at Oakley Subdivision 9507 (GPA 05-18, RZ 09-18, TM 06-18, DR 13-18)" with the following actions:

- Adopt the Initial Study/Mitigated Negative Declaration (included as a finding to proposed General Plan Amendment resolution, and referenced in the proposed Rezone ordinance, and Vesting Tentative Map and Design Review resolution);
- Adopt a Resolution approving the General Plan Amendment, as conditioned;
- Waive the first reading and introduce an Ordinance approving the Rezone, as conditioned; and
- Adopt a resolution approving the Vesting Tentative Map and Design Review, as conditioned.

Fiscal Impact

None. This is a developer funded account. All Staff time and City of Oakley generated materials are charged to the account.

Background

General Plan

- Existing: *Single-Family Residential, High Density ("SH")* - The purpose of the "SH" designation is provide for moderately dense single-family residential development that is consistent with suburban uses. Allowable density is between 3.8 and 5.5 dwelling units per gross acre.

- Proposed: 1) 2.20 acres *Multi-Family Residential, Low Density ("ML")* – The purpose of the "ML" designation is to provide a more affordable, small lot development and to increase the availability of rental or entry-level housing at a density range of 5.5 to 9.6 dwelling units per gross acre. 2) Remaining acreage as *Single-Family Residential, High Density ("SH").* The mixed land use designations will set a maximum density that matches the proposed vesting tentative map. All proposed homes are single family detached residential units.

Zoning

- Existing: Single Family Residential (R-6) District – R-6 District allows for a minimum 6,000 sf. lot size and single family residential development, and has pre-existing development regulations set forth in Oakley Municipal Code ("OMC") section 9.1.404.

- Proposed: Planned Unit Development (P-1) District – P-1 District allows for project specific development regulations, including minimum lot sizes, setbacks, and uses, as specified in OMC section 9.1.1002.

Existing Conditions and Surrounding Land Uses

The project site is located on the south side of Oakley Road, approximately 500 feet east of Live Oak Avenue, and directly north of Holly Creek Park. As it currently exists, the site contains a vineyard and small home with ancillary structures, and is bordered on the east, west and partially on the south by other single family residential development. Bordering on the west are a few Agricultural Limited (AL) District zoned residential lots, and directly to the east are P-1 District zoned single family residential lots. The General Plan land use designation to the west, east, and south is Single Family Residential, High Density ("SH"). AL and P-1 Districts are both compatible with the "SH" land use designation. Figures 1 (below) and 2 (following page) show the street view and the aerial of the project site, respectively.

Figure 1. Street View of Project Site (from northeast corner along Oakley Road)



Preliminary General Plan Amendment (PGPA) Work Session with City Council

On September 25, 2018, the City Council held a public work session to discuss the merits of a potential project application to amend the General Plan Land Use designation from SH to ML for the purposes of a single-family residential development for the project site. The item was titled, "The Vines at Oakley Preliminary General Plan Amendment (PA 03-18)". During the work session, the applicant presented the project and main reason for the potential amendment, which was to allow an additional 10 homes over the existing land use designation's maximum density. Originally, the concept included a 20-space parking lot for the adjacent park, and allowance of through traffic between Oakley Road and Thomas Drive. The Council asked several questions, and answers were provided by the applicant. The bulk of the discussion surrounded the potential number of units due to an increase in density, potential cut-through

traffic, loss of vines, misuse of the proposed parking lot, and the desire for a public restroom at the park. For additional reference on the discussion and comments received from the public, the applicable minutes are included as an attachment to this staff report.

Figure 2. Aerial View of Project Site and Surrounding Properties



Project Description

Proposed General Plan Amendment

The proposed amendment would amend the General Plan Land Use Designation on the site so that 2.20 acres would be re-designated from SH (max. 5.5 du/ac) to ML (max. 9.6 du/ac). For mapping purposes, the 2.20 acres would occupy the northern most portion of the site along Oakley Road. This would leave approximately 7.67 acres designated as SH. A small portion (apx. 0.25 acres) of the total 9.87 acres will be dedicated to Oakley Road; however, when calculating density allowed for a project, the gross density is used, which includes the entire site area prior to subdivision and dedication of frontage. The project as proposed would equate to a gross density of 6.38 units per acre. (see Table 1. General Plan Amendment Calculation).

Table 1. General Plan Amendment Calculation

Land Use Designation	Maximum Density	Applicable Acreage	Maximum Dwelling Units
Single Family High	5.5 dwelling units per gross acre	7.67	42.16
Multi Family Low	9.6 dwelling units per gross acre	2.20	21.12
Combined Total	---	9.87	**63.28**

Proposed Rezoning

The application to rezone the entire project site from R-6 District to P-1 District would allow for development of the project in a manner consistent with the proposed plans. The P-1 District allows for development as set forth in project specific development standards, and as approved on a Final Development Plan, which is often tied to the plans proposed with Tentative Map and Rezone applications. For the proposed project, the applicant's plans serve as the Final Development Plan. One important function of a P-1 District is to allow blending of land uses within the project area to allow more flexibility in the final project design. This is how the proposed project's mixed land use designations can result in a single and consistent development type. In conjunction with the proposed plans, the applicant has proposed development regulations as provided in Table 2. The comparable R-6 District development regulations are also provided for comparison.

Table 2. Proposed P-1 District and Existing R-6 District Development Regulations

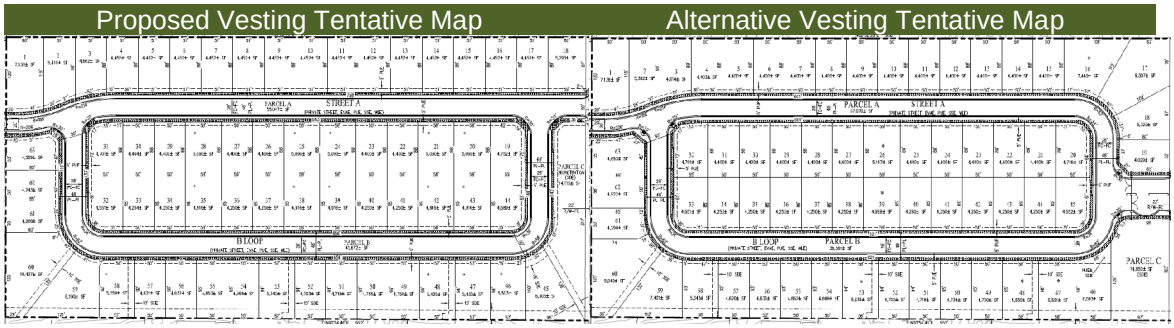
	Min. Lot Size (sf)	Min. Lot Width (ft)	Min. Lot Depth (ft)	Min. Front Yard Setback (ft)	Min. Side Yard Setback (ft)	Min. Rear Yard Setback (ft)
P-1 District	4,000	50	80	10 (house) 18 (garage)	5	10
R-6 District	6,000	60	80	20	5 (15 agg.)	15

Proposed Vesting Tentative Map

The project proposal includes a Vesting Tentative Map to subdivide the 9.87-acre site into 63 single family residential lots, a storm water treatment bio-retention area, and right of way dedication and frontage improvements along Oakley Road. The internal streets will be privately owned parcels and maintained by a Home Owner's Association ("HOA") that will be set up for the project. At the request of Staff, the Applicant has submitted a proposed vesting tentative map (sheet TM-1 of Applicant's Plans) and an alternative vesting tentative map (sheet TM-1A of Applicant's Plans). Main differences between the two maps are the locations of the project entry on Oakley Road and variations in the lot layout as a result of those variations. In the proposed map, the entry lines up with the western most internal street, is not gated, and results in the side property line and home elevation of one residential lot being located adjacent to Oakley Road. The alternative map shows the project entry shifted to the east somewhere between both north-south internal roads, it is gated and therefore slightly wider, and result in three residential lots backing up onto Oakley Road. Given the two lot layouts, only the alternative map is able to accommodate a vehicle gate at the entry. Both maps result in the same 63 residential lots, storm water treatment basin along Oakley Road, and the Emergency Vehicle Access ("EVA") that allows pedestrian and bicycle traffic at the connection to Thomas Drive to the south.

There is also a separate development plan proposed for each map. See Figure 3 for a snap shots of each map's layout.

Figure 3. Proposed and Alternative Vesting Tentative Maps



Proposed Design Review

The Design Review Ordinance (OMC section 9.1.1604) has different duties to review and procedures for review and approval of a Design Review application. OMC section 9.1.1604(c)(2)(i) requires that when a developer proposes a residential subdivisions of 5 or more lots and proposes the house designs and elevations at the same time, that the design review shall be undertaken by the Planning Commission[1] concurrently with the subdivision approval process, and be heard as a public hearing. The proposed new development fits the criteria above and requires Design Review. The proposed design review covers all of the physical development of the project, such as house floor plans and elevations, lot siting, colors and materials, landscaping, and walls/fencing.

Proposed Floor Plans and Architecture

The project includes a total of three house plans with three architectural styles (or "elevations"). All three plans share the same architectural styles, which are referred to as: Spanish (elevation "A"), Santa Barbara (elevation "B"), and Farmhouse (elevation "C"). Floor plans for the homes range from 1,631 sf. for the Plan 1 single story to 2,721 sf. for Plan 3. Plans 2 and 3 are two-story. Table 3, below provides a summary of the homes specifications.

Table 3. Summary of House Specifications

	Square Feet (livable)	Bedrooms (max)	Bathrooms	Garage Spaces
Plan 1 (One Story)	1,631	3	2	2
Plan 2 (Two Story)	2,283	4	3	2
Plan 3 (Two Story)	2,721	4 w/ office (opt. 5)	3	2

[1] City Council acts as the Planning Commission per Ordinance No. 06-09

The applicant's plans are attached and include the floor plans, front, side, and rear elevations of floor plan/elevation combinations, conceptual front yard landscape plans, development plan for the neighborhood (shows where each house type is proposed), conceptual landscaping, walls and fences, details on the exterior lighting and garage doors for each architectural type, and a color and material matrix and board for each elevation type. There are three color and material schemes available for each architectural type, which results in the potential for 27 different house appearances excluding left and right orientations (3 plans x 3 architectural types x 3 color and material schemes = 27).

All of the home elevations include high quality materials such as concrete tile roofing, stucco finishes, board and batten siding, brick veneer, decorative shutters, and belly bands. The streetscape rendering below (Figure 4) is from the cover page of the Applicant's Plans and shows, from left to right, Plan 1 (Spanish), Plan 2 (Santa Barbara), and Plan 3 (Farmhouse).

Figure 4. Streetscape Rendering



Proposed Master Plotting Plan (Final Development Plan)

These homes will be placed on lots of a minimum size of 4,000 sf. (min. 50 feet wide by min. 80 feet deep). Since there is a proposed and alternate Vesting Tentative Map included in the plans, the Applicant has also included a proposed and alternate Final Development Plan ("FDP"). The FDP shows a specific house plan and architectural type on each lot, as well as the expected setbacks to property lines and distance between adjacent homes. Out of the 63 homes, there are 19 Plan 1s, 22 Plan 2s, and 22 Plan 3s. All garages are a minimum 18 feet from the front property lines. Front setbacks to the living areas depend on the floor plan.

Due to the design of each home type, the actual setbacks to property lines are greater than the minimum. For example, for front yards, which are a minimum 10 feet to living area, Plan 1 maintains an 18 foot setback; Plan 2, a 14 foot setback, and Plan 3, a 10 foot setback. Only Plan 2 has a front porch that extends beyond the living area of the house, and only by a few feet. For the rear setbacks, which are also a minimum of 10 feet, Plan 1 maintains at least 15 feet

on each respective lot, and from 20 to 25 feet on the lots along the eastern boundary of the subdivision. Plans 2 and 3 include much larger rear yards ranging from 25 to 40 feet with most being around 30 feet. A majority of the lots plot the homes at the minimum five foot side yard setback, with the exception of 14 specific lots that include side yards adjacent to the garage of at least 12 feet in width. This was done to accommodate access and parking of boats and RV's on side yards behind the side gates.

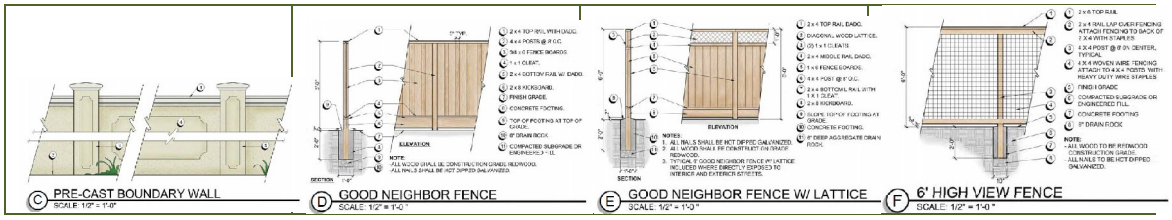
Neighborhood Layout and Landscaping

The subdivision takes its main access from the south side of Oakley Road, about 500 feet east of Live Oak Avenue. This entry may or may not feature gated access, depending on which version the City Council approves, and will include raised, table-top crosswalks with enhanced paving (see Sheet L-1 of Applicant's Plans). An emergency vehicle access ("EVA") is located at the southern portion of the project where Thomas Drive currently terminates. This area will also include enhanced paving for crosswalks, and decorative EVA-approved bollards to allow pedestrian and bicycle traffic to have access to and from the park. Between the project entry and the EVA at Thomas Drive, the project consists of a single, full loop road with homes along the outside and inside of the loop. Along the Oakley Road project frontage, either one home will be side-loaded, or three homes will be rear-loaded, depending on which plan is approved.

Landscaping is proposed as typical front yard design, and specific tree species. Most front yard will include a street tree along the sidewalk and a second or third accent tree deeper in the front yard. The proposed tree palette consists of three oak species (coast, valley, and cork), crape myrtle, swan hill olive, and x chitalpa (a flowering hybrid species). The oaks are typically used as the street trees at home frontages, the main project entry and along Oakley Road. The area between the bio-retention basin and Oakley Road is proposed to be landscaped with relocated grape vines from the project site.

A six foot high pre-cast wall is proposed between the project and existing residential properties to the east and west of the project site. Six foot high wooden fences are proposed as typical good neighbor fences, and the same fence, but with the top one foot as lattice is proposed along Oakley road. Six foot high view fences are proposed between the project and the park and the project and Oakley Road. Figure 5 (following page) shows examples of the wall and each fence type.

Figure 5. Wall and Fence Types



The applicant will be required to improve Oakley Road with an additional 15 feet of road widening, and a six foot wide sidewalk sandwiched between two eight foot wide landscape strips. Approximately 22 feet of the property at the Oakley Road frontage will be dedicated to public right of way use. As mentioned above, the applicant has agreed to relocate some of the existing grape vines from the property to the project frontage along Oakley Road, as noted on Sheet L-1 of the Applicant's Plans.

The applicant is proposing a Home Owner's Association ("HOA") managed community. The HOA will maintain the private streets and the bio-retention basin. This is still a unique feature in Oakley as most of the subdivisions are not HOA governed. Existence of the HOA should result in a positive impact on the City because it will ensure a standard of quality aesthetics within the subdivision through enforcement of CC&Rs. This is seen as a benefit to the project and should help to maintain an attractive development that will fit harmoniously within the community. CC&Rs have not been drafted by the applicant at this time.

Analysis

General Plan Amendment

Requests for amendments to the underlying General Plan land use designation on a property should be considered with respect to surrounding uses and their respective land use designations. This 9.87 acres of land is surrounded on the east, south, and west by land designated as Single-Family Residential, High Density. Also, some of the land to the north across Oakley Road is designated and developed as Single-Family Residential, High Density. Additional property lies to the north across Oakley Road, which is designated as Light Industrial ("LI"). That property was the subject of a preliminary general plan amendment application where both the staff and City Council felt an amendment to Single-Family Residential, High Density would better fit in with the surrounding uses of an elementary school and existing single family residential development. An official application is currently being processed for that application with a tentative hearing date of early year 2020.

The closest piece of land designated for a density higher than SH is approximately 1,000 feet to the east of the project site and on the south side of Oakley Road, and it is developed with detached single-family residential homes.

This was a project developed prior to incorporation. All other residentially designated properties in the area north of Laurel Road, south of Oakley Road and west of Empire Avenue all the way west to the City limits are designated SH or lower density (i.e </= 5.5 du/ac). If approved, this project at a gross density of 6.38 dwelling units per acre would allow just under one additional home per acre than the surrounding areas, at max density.

During the Preliminary General Plan Amendment Work Session, the City Council expressed concern that amending the site to ML may open the door for a different type of development at a much higher density than what was being proposed at that time. If a land use amendment to ML was eventually approved, the site could then potentially be rezoned to M-9 (Multi-Family Residential) District, which would allow for the conceptual project to be developed, but could also result in the project not being developed, while unintentionally putting in land use to allow a product type not shown on the conceptual plan. Staff used the Council's input to develop a recommendation that the application include a partial re-designation allowing for a maximum combined density in line with the proposed vesting tentative map. Alternatively, re-designating the entire site to ML would have allowed a maximum of 95 units (9.87 * 9.6 = 94.75), which is approximately 33% more than proposed. With the partial re-designation, even if the proposed project falls though, there would only be 2.20 acres of ML land located along Oakley Road. The likelihood of a developer wanting to subdivide that 2.20 acres off for multi-family housing would be small and probably unfeasible.

Due to the partial re-designation, and limited increase in density, Staff recommends approval of the General Plan Amendment in order to assist in making this infill development project feasible to be developed with detached single-family residential housing.

Rezoning

The rezone to P-1 District would allow for the project to be developed, while establishing development regulations and a layout specific to the project. The P-1 District is compatible with the SH and ML land use designations and would allow for the single-family residential use as a permitted use. The project, as conditioned, is well thought out and will allow the site to be developed in the vision of the applicant in a manner consistent with the SH and ML land use designations. It is important to note that although the site would be partially designated for multi-family development (i.e. ML land use designation), that is purely an exercise of density rather than product type. The ML land use designation still envisions and allows for single-family residential uses, such as the proposed project. One aspect to keep in mind is that when a project is proposing a single-family detached product at a higher density that translates to smaller lot sizes, smaller setbacks, and predominantly two-story homes.

Vesting Tentative Map

The Vesting Tentative Map and alternate have been reviewed against all applicable codes including the Subdivision Map Act and the Zoning Ordinance. The applicant has proposed the Planned Unit Development (P-1) District which allows the project to develop its own unique development standards. The Final Development Plan and alternate (Sheets P-1 and P-1A of the Applicant's Plans) lists the specific standards applicable to this project. The minimum lot size is 4,000 square feet and the typical lot coverage varies by plan, from 42.5% to 51.3%. The Vesting Tentative Map and alternate, as proposed, meet all applicable codes and regulations.

Staff requests the City Council discuss and deliberate on the proposed and alternate vesting tentative maps and final development plans. The major differences are summarized here:

- Proposed VTM and FDP
  - Not gated;
  - One lot with a side elevation facing Oakley Road.
- Alternate VTM and FDP
  - Gated
  - Three lots with rear elevations facing Oakley Road.

Staff recommends approval of either of the two alternatives. The adopted resolution will include conditions of approval, as needed to ensure the final approved design is addressed, as applicable.

Design Review

The proposed plans were analyzed for consistency with the adopted City of Oakley Residential Guidelines ("Guidelines"). Staff has focused this analysis on the home design and other elements discussed in the Project Description section of this Staff Report.

Residential Siting and Lot Design

The applicant has plotted the homes to provide adequate front yard setback variations, which is related to the design of the floor plans; however, all garages are proposed to be setback at 18 feet. The project has been conditioned to increase the front yard setback to the garage by at least two and a half feet and up to five feet on lots with rear yard setbacks that would allow this variation. Rear yard setbacks vary depending on the plan type, depth of the lot, and how the home is positioned on the lot, with the minimum 10 feet being observed.

Building mass is an element of lot siting and design. The covered porches, projecting architectural elements, and varying roof plans within the same footprint all add to the diversity of the house styles. The smaller lots do pose a challenge when trying to comply with all of the Residential Design Guidelines. The house designs use as much articulation and building plane relief on the front elevations to make the front facing facades as interesting as possible.

Adjacent Second-Story Elements

Often times P-1 District projects result in smaller lot sizes and setbacks than what is being considered in the Oakley Residential Design Guidelines. For example, the guideline related to the setback between adjacent two-story elements being at least 15 feet. Two of the three plans are two story homes, and the interior side yard setbacks are at a minimum five feet, with the exception of some of the lots on curves, with easements, or that are designed to allow the RV/boat parking beside the house. Also, both of the two story plans are designed so the second story side elevation is not recessed back from the first story elevation. This means adjacent two story homes would have 10 feet between the respective second stories, unless one or both lots have the larger side yards, such as lots 38 and 39. On the proposed Final Development Plan, there are 30 combinations of side by side two story homes, of which five have greater than a 15 foot setback between the adjacent two story elements.

There is a tradeoff when considering smaller lots in the overall approval of a P-1 Districts for neighborhoods that provide an amenity, and in this case an HOA (potentially gated) community is being proposed. However, the Council has approved (with Staff recommendation) other design reviews in other P-1 District developments that do not meet these guidelines. Typically, these guidelines are more feasible with 6,000 square foot minimum lot sizes that also have a minimum 60 foot wide lot. This also allows for the typical R-6 District minimum side yards setback of five feet with a minimum 15 foot aggregate setbacks. Since the proposed development has 4,000 sf. lots with minimum 50 foot widths, Staff is recommending approval of this design review without implementation of required 15 foot setback between adjacent second stories for all lots.

One-Story Homes

Oakley Residential Guidelines look for at least 20% of all lots and 50% of corner lots being one-story homes. This project includes a one-story home on 30% of the lots (19 of the 63), and on five of the six corner lots (apx. 82%).

Architectural Character

The architectural character and design of the proposed homes is similar to what has been reviewed and approved throughout other subdivisions in the City, which normally include architectural styles that consist mainly of stucco siding, secondary materials related to the specific architectural style, and varying roof plans within the same foot print. In reviewing this application, Staff provided comments on the original submittal requesting changes to bring the appearance of the homes to a level of other recent residential design reviews. The plans being presented to the City Council represent the submittal after several rounds of comments on the proposed homes. This submittal is consistent with the guidelines in that there is variety in the architectural elements, such as, concrete tile roofing, stucco finishes, board and batten siding, brick veneer, decorative shutters, and belly bands. Gable sidings and shutters are used on all four sides of the homes where applicable and feasible.

Conceptual Front Yard and Right of Way Landscaping

The conceptual front yard landscape plans show a theme of street trees, and varying accent trees, shrubs and ground cover. The proposed plans will help tie in the home design to the landscape design. At the time of plan check, the specific street tree species will be more closely analyzed to be good fits depending on distance to sidewalks and utilities. There are six tree species with several 48 inch box valley oak trees proposed along the Oakley road frontage, a size of which is rarely proposed and not required by Oakley guidelines, but will provide a more immediately visual impact and quality to the project. In addition to the trees, approximately 18 different shrub species, and 16 different accent plants and grasses will be used in the landscaping palette. Overall, the front yard and right of way landscaping is well-designed and meets the intent of the Oakley Residential Design Guidelines.

Recommended Modification to the Project Plans

Location of 54 Inch Storm Drain Line

An existing 54 inch storm drain line is currently located along the entire eastern boundary of the project within a 15 foot flood control easement. The plans show a relocation of this line such that it would run along the northeast side property line of Lot 60 within a 10 foot easement, then along the eastern boundary of the eastern most private street, then into an easement within the storm water bio-retention basin along Oakley Road. Due to the space needed and specific location under the improved street, sidewalk and curb and gutter, it has been determined that relocating the line in this manner may create significant hardships to the residents in the event this line requires any repairs in the future. The preferred alternative is to leave the line in its current location. Doing so would result in restrictions to how the rear 15 feet of lots 46 through 59 (and a

small portion of 60) could be used, such as not allowing structures. As proposed, the smallest rear yard along this row of homes is 22 feet deep with the deepest being 39 feet. It is anticipated this 15 foot easement area could still be used as yard space and be landscaped.

- Staff has added a condition that the line be left in place and that the HOA is responsible for any costs required for replacement of private property improvements (e.g. fences, landscaping, and irrigation) required due to any future maintenance of the line.

Environmental Review

An Initial Study and Mitigated Negative Declaration ("ISMND") have been prepared for this project pursuant to the California Environmental Quality Act (CEQA). The Notice of Intent to Adopt a MND and Initial Study was circulated for public review and comment from July 17, 2019 to August 16, 2019. It was filed with the County Clerk and Governor's Office of Planning and Research State Clearinghouse, mailed out to over 60 public agencies, to parties requesting such notice, and to residents and owners of properties directly adjacent to the project site. The NOI provided a summary of the project as well as methods to access the Draft ISMND for review and comment. The City received four comment letters during the public review period. Those were received by the California Department of Fish and Wildlife (state agency); Contra Costa Mosquito and Vector Control District, and Contra Costa County Flood Control and Water Quality District (local agencies); and an adjacent resident and property owner to the east of the project. The Final ISMND includes the Draft ISMND, a "Response to Comments," which includes all of the above mentioned comment letters and responses to those comments, and the Mitigation and Monitoring Program, which summarizes all of the required Mitigation Measures from the ISMND. The Final ISMND is included as an attachment to this Staff Report., and available at: https://www.ci.oakley.ca.us/ceqa-documents/. The City Council must adopt the MND in order to approve the project. Adoption of the MND is included in the proposed General Plan resolution, and referenced in the Rezone Ordinance and Design Review Resolution.

Findings

Draft findings for the General Plan Amendment, Vesting Tentative Map and Design Review can be found in the proposed Resolutions. Draft findings for the Rezone can be found in the proposed Ordinance.

Community Benefit Program Participation

The applicant is proposing to participate in the Community Benefit Program ("CBP") adopted by the City Council through Resolution 129-15. As an entirely voluntary and supplemental program, Staff does not factor whether an applicant

participates or not into the analysis or findings of a project. In the case of this project, the applicant has chosen to assist the City and residents of Oakley by either installing or funding the installation of a park rest room for Holly Creek Park located just south of the project. The final cost for installation of the restroom and/or in lieu fees offered to be paid by the applicant have not yet been determined, but will be finalized between the applicant and Staff.

Staff Recommendation

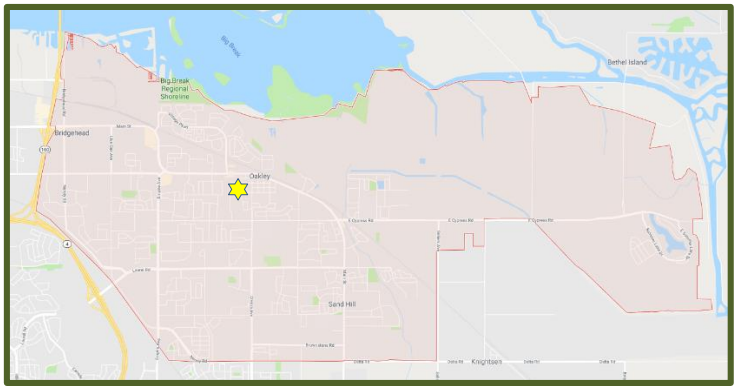
Staff recommends the City Council approve the project titled, "The Vines at Oakley Subdivision 9507 (GPA 05-18, RZ 09-18, TM 06-18, DR 13-18)" with the following actions:

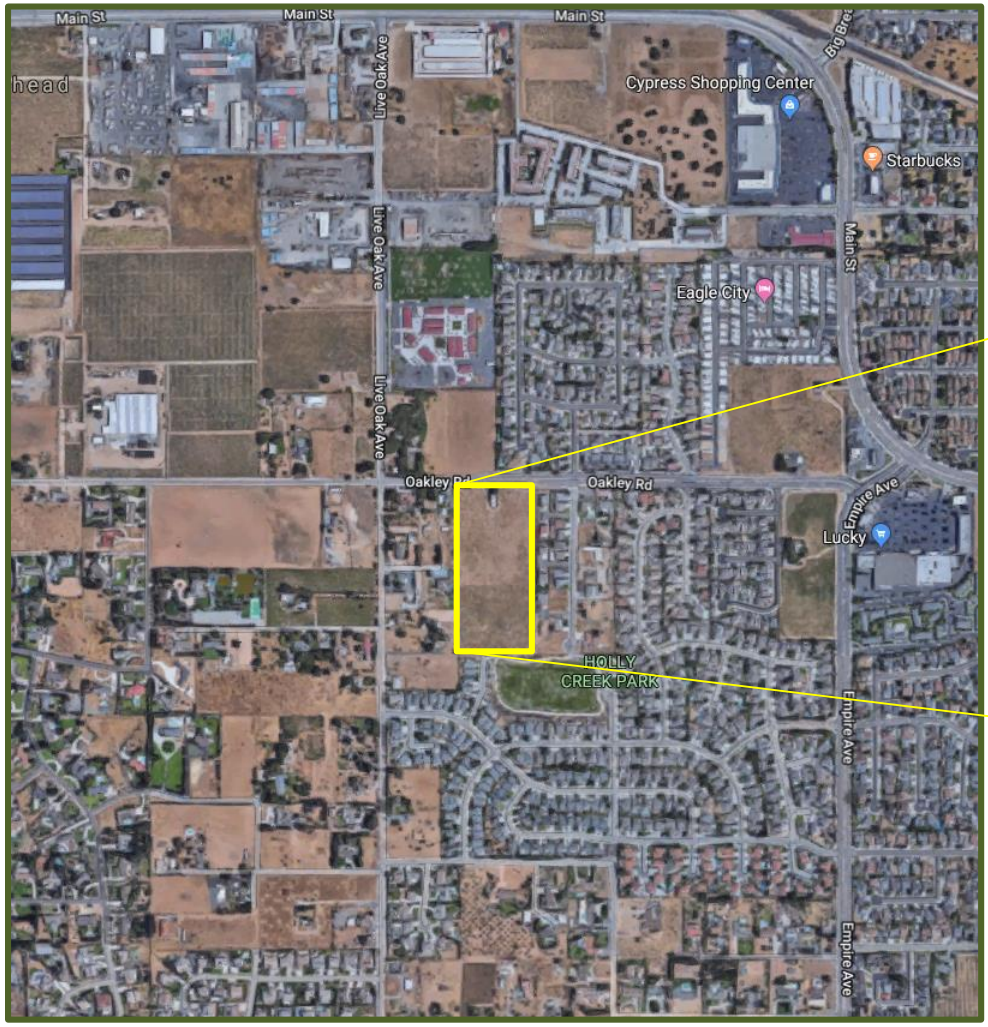
- Adopt the Initial Study/Mitigated Negative Declaration (included as a finding to proposed General Plan Amendment resolution, and referenced in the proposed Rezone ordinance, and Vesting Tentative Map and Design Review resolution);
- Adopt a Resolution approving the General Plan Amendment, as conditioned;
- Waive the first reading and introduce an Ordinance approving the Rezone, as conditioned; and
- Adopt a resolution approving the Vesting Tentative Map and Design Review, as conditioned.

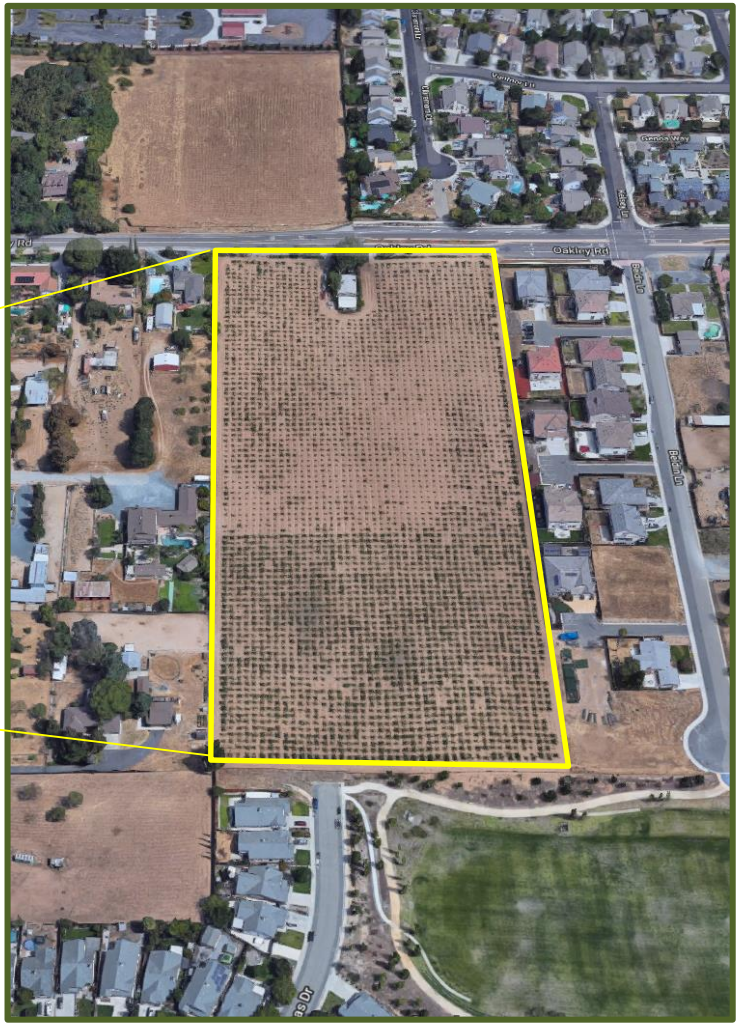
Attachments

1. Vicinity Map
2. Public Hearing Notice
3. Final Initial Study/Mitigated Negative Declaration (includes Response to Comments on Draft ISMND, Draft IS/MND, and Mitigation, Monitoring and Reporting Plan)
4. Applicant's Plans
5. Minutes from the September 25, 2018 Preliminary GPA Work Session
6. Citizen Planning Advisors – Summary of Comments
7. Proposed General Plan Land Use Amendment Resolution
8. Proposed Rezone Ordinance
9. Proposed Vesting Tentative Map and Design Review Resolution

Vicinity Map
The Vines at Oakley Subdivision 9507
(GPA 05-18, RZ 09-18, TM 08-18, DR 13-18)
2371 Oakley Road, Oakley, CA 94561; APN 041-100-035







City of Oakley
3231 Main Street
Oakley, CA 94561
www.oakleyinfo.com

NOTICE OF PUBLIC HEARING

Notice is hereby given that on **September 10, 2019** at 6:30 p.m., or as soon thereafter as the matter may be heard, the City Council of the City of Oakley will hold a Public Hearing at the Council Chambers located at 3231 Main Street, Oakley, CA 94561 for the purposes of considering an application for a **General Plan Amendment, Rezone, Tentative Map, and Design Review.**

Project Name: The Vines at Oakley Subdivision 9507 (GPA 05-18, RZ 09-18, TM 06-18, DR 13-18).

Project Location: 2371 Oakley Road, Oakley, CA 94561; APN: 041-100-035.

Applicant: MLC Holdings, Inc., 2603 Camino Ramon #140, San Ramon, CA 94583.

Request: This is a public hearing on a request for approval of 1) a General Plan Amendment to re-designate 2.20 acres of the 9.87 acre site (gross acreage) from SH (Single Family Residential, High Density) to ML (Multi Family Residential, Low Density), 2) a Rezone from R-6 (Single Family Residential) District to P-1 (Planned Unit Development) District, 3) a Tentative Map to subdivide approximately 9.87 acres into 63 single family residential lots, a storm water treatment bio-retention area, and right of way dedication and frontage improvements along Oakley Road, and 4) Design Review for home designs consisting of three floor plans (one 1-story and two 2-stories) ranging from 1,631 sf. to 2,721 sf. The project description and plans are available at https://www.ci.oakley.ca.us/departments/planning-zoning/current-projects/.

How to Review: The Staff Report and its attachments will be available for public review, on or before **September 5, 2019** at City Hall, 3231 Main Street, Oakley, CA 94561 or online at www.ci.oakley.ca.us/agendas-minutes-videos-archive/ by navigating to the **September 10, 2019** agenda and clicking the project title link. (Note: City Hall is closed on the 1st and 3rd Fridays of each month).

Interested persons are invited to submit written comments prior to, and may testify at, the public hearing. **Written comments may be submitted to Kenneth W. Strelo, Principal Planner at the City of Oakley, 3231 Main Street, Oakley, CA 94561 or by email to strelo@ci.oakley.ca.us.**

NOTICE IS ALSO GIVEN pursuant to Government Code Section 65009(b) that, if this matter is subsequently challenged in Court by you or others, you may be limited to raising only those issues you or someone else has raised at a Public Hearing described in this notice or in written correspondence delivered to the City of Oakley City Clerk at, or prior to, the Public Hearing.

FIRSTCARBONSOLUTIONS™

Final Initial Study/Mitigated Negative Declaration
The Vines at Oakley (Subdivision 9507)
City of Oakley, Contra Costa County, California

Prepared for:
City of Oakley
Planning and Zoning Department
3231 Main Street
Oakley, CA 94561
925.625.7000

Contact: Ken Strelo, Principal Planner

Prepared by:
FirstCarbon Solutions
1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597
925.357.2563

Contact: Jason Brandman, Project Director
Grant Gruber, Project Manager

Date: August 30, 2019

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SECTION 1: INTRODUCTION

Although not required by the California Environmental Quality Act (CEQA) and CEQA Guidelines, the City of Oakley has evaluated the comments received on The Vines at Oakley Project Draft Initial Study/Mitigated Negative Declaration (Draft IS/MND). The Responses to Comments which are included in this document, together with the Draft IS/MND, Draft IS/MND appendices, and the Mitigation Monitoring and Reporting Program, comprise the Final IS/MND for use by the City of Oakley in its review and consideration of The Vines at Oakley Project.

This document is organized into three sections:

- **Section 1—Introduction.**
- **Section 2—Responses to Written Comments:** Provides a list of the agencies, organizations, and individuals who commented on the Draft IS/MND. Copies of all of the letters received regarding the Draft IS/MND and responses thereto are included in this section.

The Final IS/MND includes the following contents:

- Draft IS/MND (provided under separate cover)
- Draft IS/MND appendices (provided under separate cover)
- Responses to Written Comments (Section 2)
- Mitigation Monitoring and Reporting Program (provided under separate cover)

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SECTION 2: RESPONSES TO WRITTEN COMMENTS

2.1 - List of Authors

A list of public agencies and private parties that provided comments on the Draft IS/MND is presented below. Each comment has been assigned a code. Individual comments within each communication have been numbered so comments can be cross-referenced with responses. Following this list, the text of the communication is reprinted and followed by the corresponding response.

Author **Author Code**

State Agencies

California Department of Fish and Wildlife ..... CDFW

Local Agencies

Contra Costa Mosquito & Vector Control District .....CCMVCD
Contra Costa County Flood Control & Water Conservation District ..... FLOOD CONTROL

Private Parties

Monica Hurney ..... HURNEY

2.2 - Responses to Comments

2.2.1 - Introduction

In accordance with the California Environmental Quality Act (CEQA) Guidelines Section 15088, the City of Oakley, as the lead agency, evaluated the comments received on the Final IS/MND for The Vines at Oakley Project, and has prepared the following responses to the comments received. This Response to Comments document becomes part of the Final IS/MND for the project in accordance with CEQA Guidelines Section 15132.

2.2.2 - Comment Letters and Responses

The comment letters reproduced in the following pages follow the same organization as used in the List of Authors.

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State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
Bay Delta Region
2825 Cordelia Road, Suite 100
Fairfield, CA 94534
(707) 428-2002
www.wildlife.ca.gov

GAVIN NEWSOM, Governor
CHARLTON H. BONHAM, Director

CITY OF OAKLEY
Planning Department
AUG – 9 2019
RECEIVED

August 8, 2019

Mr. Ken Strelo, Principal Planner
City of Oakley
3231 Main Street
Oakley, CA 94561
strelo@ci.oakley.ca.us

Subject: The Vines at Oakley (Subdivision 9507), Mitigated Negative Declaration, SCH #2019079061, City of Oakley, Contra Costa County

Dear Mr. Stelo:

The California Department of Fish and Wildlife (CDFW) received a Mitigated Negative Declaration (MND) from the City of Oakley (City) for The Vines at Oakley (Project) pursuant the California Environmental Quality Act (CEQA).

CDFW is submitting comments on the MND to inform the City, as the Lead Agency, of our concerns regarding potentially significant impacts to sensitive resources associated with the proposed Project. CDFW is providing these comments and recommendations regarding those activities involved in the Project that are within CDFW's area of expertise and relevant to its statutory responsibilities (Fish and Game Code, § 1802), and/or which are required to be approved by CDFW (CEQA Guidelines, §§ 15086, 15096 and 15204).

CDFW ROLE

CDFW is a Trustee Agency with responsibility under CEQA (Pub. Resources Code, § 21000 et seq.) pursuant to CEQA Guidelines section 15386 for commenting on projects that could impact fish, plant, and wildlife resources. CDFW is also considered a Responsible Agency if a project would require discretionary approval, such as a California Endangered Species Act (CESA) Permit, a Lake and Streambed Alteration (LSA) Agreement, or other provisions of the Fish and Game Code that afford protection to the state's fish and wildlife trust resources. 1

REGULATORY REQUIREMENTS

Lake and Streambed Alteration
CDFW requires an LSA Notification, pursuant to Fish and Game Code section 1600 et. seq., for Project activities affecting lakes or streams and associated riparian habitat. Notification is required for any activity that may substantially divert or obstruct the natural flow; change or use material from the bed, channel, or bank including associated riparian or wetland resources; or deposit or dispose of material where it may pass into a river, lake or stream. Work within ephemeral streams, washes, watercourses with a subsurface flow, and floodplains are subject to notification requirements. CDFW will consider the CEQA document for the Project and may issue an LSA Agreement. CDFW may not execute the final LSA Agreement until it has complied with CEQA as a Responsible Agency. 2

PROJECT DESCRIPTION SUMMARY

Proponent: City of Oakley

Description and Location: The Project site is located at 2371 Oakley Road in the City of Oakley, Contra Costa County, California. The Project site is bounded by large-parcel residential uses to the west, Oakley Road to the north, an existing single-family neighborhood to the east, and Holly Oak Park and a single-family residential neighborhood to the south. The Project is proposing to rezone and subdivide the site to allow the development of 63 residential lots, streets, and a bioretention area. 3

COMMENTS AND RECOMMENDATIONS 4

CDFW offers the below comments and recommendations to assist the City in adequately identifying and/or mitigating the Project's significant, or potentially significant, direct and indirect impacts on fish and wildlife (biological) resources.

Swainson's Hawk (*Buteo swainsoni*) 5
CDFW recommends that a qualified biologist conduct surveys prior to any construction activities that may impact Swainson's hawk in accordance with the Swainson's Hawk Technical Advisory Committee's (TAC) *Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley* (2000), available on CDFW's webpage at https://www.wildlife.ca.gov/Conservation/Survey-Protocols#377281284-birds.

Survey methods should be closely followed by starting early in the nesting season (late March to early April) to maximize the likelihood of detecting an active nest (nests, adults, and chicks are more difficult to detect later in the growing season because trees become less transparent as vegetation increases). Surveys should be conducted: 1) within a minimum 0.25-mile radius of the Project area or a larger area if necessary to identify potentially impacted active nests, and 2) for at least the two survey periods immediately prior to initiating Project-related construction activities. Surveys should occur annually for the duration of the Project. The qualified biologist should have a minimum of two years of experience implementing the TAC survey methodology.

Migratory and Nesting Birds 6
Avoidance and minimization measure *MM BIO-2* (page 47) specifies a 300-foot non-disturbance radius around an active raptor nest and a 50-foot non-disturbance radius around an active migratory bird nest. Depending on the species, nest stage, and site conditions, 50 to 300 feet may not be sufficient to prevent disturbance-related nest failure. If nests are found in or near the Project area, CDFW can provide guidance on establishing appropriate buffers to minimize the potential for take and to reduce potential impacts to less-than-significant. As such, CDFW recommends *MM BIO-2* be revised to require nest buffer approval from the State's trustee for fish and wildlife (CDFW) **prior** to the start of Project construction.

CONCLUSION 7

To ensure significant impacts are adequately mitigated to a level less-than-significant, the feasible mitigation measures described above should be incorporated as enforceable conditions

into the final CEQA document for the Project. CDFW appreciates the opportunity to comment on the MND to assist the City in identifying and mitigating Project impacts on biological resources.

7
CONT

Questions regarding this letter or further coordination should be directed to Ms. Jennifer Rippert, Environmental Scientist, at (707) 428-2069 or Jennifer.Rippert@wildlife.ca.gov; or Ms. Melissa Farinha, Senior Environmental Scientist (Supervisory), at (707) 944-5579.

Sincerely,

Gregg Erickson
Regional Manager
Bay Delta Region

cc: State Clearinghouse

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State Agencies

California Department of Fish and Wildlife (CDFW)

Response to CDFW-1
The agency summarized its statutory responsibilities. No response is necessary.

Response to CDFW-2
The agency summarized Lake and Streambed Alteration Agreement requirements.

The proposed project does not require approval of a Lake and Streambed Alteration Agreement. Thus, these requirements do not apply to the proposed project.

Response to CDFW-3
The agency summarized the project location and description. No response is necessary.

Response to CDFW-4
The agency prefaced its comments. No response is necessary.

Response to CDFW-5
The agency recommended that a qualified biologist conduct surveys for the Swainson's hawk prior to construction activities. The agency summarized its recommendations for survey methodology.

The project site was surveyed for special status plant and wildlife species by a qualified biologist in December 2018. No Swainson's hawk nests were observed; however, the project site provides marginal foraging habitat for the species. In recognition that this species is known to occur in the project vicinity, the Draft IS/MND set forth Mitigation Measure BIO-1, which requires a pre-construction survey for the Swainson's hawk by a qualified biologist. If the species is found to be present, avoidance measures must be implemented until the species has departed. In addition, the applicant may be required to plant trees that would provide suitable nesting habitat to offset the loss of that resource.

Response to CDFW-6
The agency noted that Mitigation Measure BIO-2 identifies a 300-foot non-disturbance radius around an active raptor nest and a 50-foot radius around an active migratory bird nest. The agency stated that these distances may not be adequate and that the measure should be revised to require nest approval from CDFW.

Mitigation Measure BIO-2 identifies 300 feet and 50 feet as the non-disturbance radii to provide clear and unambiguous direction to the parties who will implement the mitigation measure. Moreover, Mitigation Measure BIO-2 states that "USFWS and/or CDFW (as appropriate) shall be notified regarding the status of the nest." As such, the mitigation measure includes a provision for agency consultation, as appropriate, which may include implementation of different non-disturbance radii. For this reason, the mitigation measure does not need to be revised.

Response to CDFW-7
The agency provided closing remarks. No response is necessary.

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CONTRA COSTA MOSQUITO & VECTOR CONTROL DISTRICT

155 Mason Circle
Concord, CA 94520
phone (925) 685-9301
fax (925) 685-0266
www.contracostamosquito.com

CITY OF OAKLEY
Planning Department
JUL 24 2019
RECEIVED

July 22, 2019

City of Oakley
Attn: Ken Strelo, Principal Planner
3231 Main Street
Oakley, CA 94561

Re: The Vines at Oakley (Subdivision 9507) Notice to Adopt Mitigated Negative Declaration

Dear Mr. Strelo,

Thank you for the opportunity to express the position of the Contra Costa Mosquito & Vector Control District (the District) regarding the proposed Mitigated Negative Declaration for The Vines at Oakley (Subdivision 9507) located at 2371 Oakley Road (APN 041-100-035) in Oakley.

As a bit of background, the District is tasked with reducing the risk of diseases spread through vectors in Contra Costa County by controlling them in a responsible, environmentally-conscious manner. A "vector" means any animal capable of transmitting the causative agent of human disease or capable of producing human discomfort or injury, including, but not limited to, mosquitoes, flies, mites, ticks, other arthropods, and rodents and other vertebrates. Under the California Health and Safety Code, property owners retain the responsibility to ensure that the structure(s), device(s), other project elements, and all additional facets of their property do not produce or harbor vectors, or otherwise create a nuisance. Owners are required to take measures to abate any nuisance caused by activities undertaken and/or by the structure(s), device(s), or other feature(s) of their property. Failure by the property owner to adequately address a nuisance may lead to abatement by the Contra Costa Mosquito & Vector Control District and civil penalties up to $1,000 per day pursuant to California Health & Safety Code §2060-2067. 1

Potential impacts to human health by disease vectors is not properly addressed under CEQA—an oversight that has created problems for mosquito abatement and vector control agencies throughout California. The analysis for a project should consider evidence of potential environmental impacts, even if such impacts are not specifically listed on the Appendix G checklist. [State CEQA Guidelines, § 15063(f)]. To determine whether Public Health & Safety may be significantly impacted, lead agencies should refer to the California Health & Safety Code § 2000-2093 for definitions and liabilities associated with the creation of habitat conducive to vector production and to guidance provided by local mosquito and vector control districts/agencies in their determination of environmental impacts. Would the project:

a) Increase the potential exposure of the public to disease vectors (e.g., mosquitoes, flies, ticks, and rats)?
b) Increase potential mosquito/vector breeding habitat (i.e., areas of prolonged standing/ponded water like wetlands or stormwater treatment control BMPs and LID features)?

BOARD OF TRUSTEES
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Pittsburg RICHARD AINSLEY, PhD • Pleasant Hill RICHARD MEANS • Richmond SOHEILA BANA, PhD • San Pablo Vacant • San Ramon PETER PAY • Walnut Creek JAMES MURRAY

Addressing these concerns in the environmental review and project planning phases can not only better protect public health and reduce the need for pesticide applications for vector control efforts, but avoid costly retrofits and fines for property owners in the future. Please don't hesitate to contact the District should you have any questions or need anything further. 1 CONT

Sincerely,

Jeremy Shannon
Vector Control Planner
925-771-6119
jshannon@contracostamosquito.com

Local Agencies

Contra Costa Mosquito & Vector Control District (CCMVCD)

Response to CCMVCD-1

The agency provided background information about its regulatory responsibilities and requested that the Draft IS/MND address the following thresholds of significance:

Would the project:

- Increase the potential exposure of the public to disease vectors (e.g., mosquitos, flies, ticks and rats)?
- Increase potential mosquito/vector breeding habitat (i.e., areas of prolonged/standing water like wetlands or stormwater treatment control BMPs and LID features)?

As discussed on page 2 of the Draft IS/MND, the proposed project would install a storm drainage system consisting of inlets and underground piping that would convey water to a bioretention basin located along the Oakley Road frontage. The basin would detain runoff during peak storm events and meter its release into an existing 54-inch diameter storm drain line.

In the context of the thresholds of significance, the basin would only hold standing water for short periods of time. It is not designed to provide long-term storage capacity for runoff. The basin would be periodically cleaned and maintained by the Homeowner Association's maintenance contractor to ensure it functions properly. For these reasons, it would not increase the potential exposure of the public to disease vectors by creating new areas of prolonged standing water.

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Contra Costa County
Flood Control
& Water Conservation District

Brian M. Balbas,
ex officio Chief Engineer
Allison Knapp,
Deputy Chief Engineer

August 14, 2019

Ken Strelo
City of Oakley
Planning Division
3231 Main Street
Oakley, CA 94561

RE: The Vines at Oakley Sub 9507
GPA 05-18, RZ 09-18, TM 06-18, and DR 13-18
Our File: 1002-9507

Dear Mr. Strelo:

We received the Notice of Intent to Adopt a Mitigated Negative Declaration and have reviewed the draft Initial Study/Proposed Mitigated Negative Declaration for the Vines at Oakley Subdivision 9507 located at 2371 Oakley Road (APN 041-100-035) and submit the following comments:

California Environmental Quality Act Initial Study/Mitigated Negative Declaration Comments:

1. Discussion items c thru e of section IX (Hydrology and Water Quality, page 74) states that the storm drain system "would not substantially increase the rate of surface runoff such that downstream flooding would occur." If there was a drainage study or report conducted on the downstream drainage system, prepared by a licensed engineer and reviewed and approved by the City of Oakley, we recommend that the drainage report be referenced or cited in the CEQA document. 1

2. We recommend that the hydrology section of the CEQA document discuss the Drainage Area 29H (DA 29H) mitigation fees. This project is located within DA 29H for which drainage fees are due in accordance with Flood Control Ordinance Number 2006-50. By ordinance, all building permits or subdivision maps filed in this area are subject to the provisions of this drainage fee ordinance. Effective January 1, 2019, the current fee in DA 29H is $1.22 per square foot of newly created impervious surface. The drainage area fee for this subdivision should be collected prior to recordation of the final map. 2

GENERAL COMMENTS:

3. As shown on the attached worksheet, the DA 29H fee for this project is $334,602. This drainage fee obligation was based on the Vesting Tentative Map, The Vines at Oakley, Subdivision 9507, prepared by cbg and dated July 2019. The subdivision single-family rate was applied. Parcel C was not charged since this parcel will be used for a detention basin. The project was given a credit of 2,440 sq. ft. of impervious areas for existing buildings to be removed by the project. No drainage fees have been previously paid for the project parcel in the past. 3

"Accredited by the American Public Works Association"
255 Glacier Drive • Martinez, CA 94553
TEL: (925) 313-2000 • FAX: (925) 313-2333
www.cccpublicworks.org

4. The Contra Costa County Flood Control and Water Conservation District (FC District) is not the approving local agency for this project as defined by the Subdivision Map Act. As a special district, the FC District has an independent authority to collect drainage fees that is not restricted by the Subdivision Map Act. The FC District regularly adjusts its drainage fees to reflect increasing construction costs. The drainage fee rate does not vest at the time of project approval. The drainage fees due and payable will be based on the fee in effect at the time of fee collection. 4

5. The proposed project connects to Line B of DA 29H. However, the Preliminary Grading Plan, The Vines at Oakley, Subdivision 9507, prepared by CBG and dated July 2019, show that the existing Line B, on the east side of the project parcel, is to be relocated inside the right-of-way of a proposed road of Subdivision 9507. The proposed layout of Line B is longer than the existing section of Line B that runs north toward Oakley Road. We recommend the applicant be conditioned to provide hydrology and hydraulic calculations that demonstrate that the proposed DA 29H Line B relocation works with adequate freeboard, or mitigate the project impacts on-site so that the peak flows of post-project conditions do not exceed the peak flows assumed for DA 29H Line B. If line B does not have adequate freeboard, the CEQA document should include mitigation measures. 5

We appreciate the opportunity to comment on this project in regards to drainage matters. Should you have any questions, please contact me at (925) 313-2308.

Sincerely,



Bradley Olazo
Engineering Technician
Contra Costa County Flood Control
& Water Conservation District

BO:cw
G:\fldctl\CurDev\CITIES\Oakley\Sub 9507, The Vines at Oakley\MND Submittals and comments\NOP, MND Letter Sub 9507.docx
Enclosure

c: Tim Jensen, Flood Control
Michelle Cordis, Flood Control
Teri E. Rie, Flood Control
c/enc: Jeff Carlton, Finance
Chris Zaballos, MLC Holdings, Inc.
2603 Camino Ramon, Suite 140
San Ramon, CA 94583
Colt Alvernaz — Carlson, Barbee & Gibson, Inc.
2633 Camino Ramon, Suite 350
San Ramon, CA 94583

Summary of Drainage Fees

Development #: Sub 9507
APN: 041-100-035
Drainage Area: 29H

Date: 7-Aug-19
Fee Schedule: 2019
Ordinance: 2006-50

	Building			Subdivision		
	Unit Price	QTY	Amount	Unit Price	QTY	Amount
Commercial/Industrial/Downtown	$ 50,166		-	$ 53,887		-
Office (Medium)	42,993		-	48,044		-
Office (Light)	35,978		-	40,553		-

Multifamily Residences	Building			Subdivision		
	Unit Price	QTY	Amount	Unit Price	QTY	Amount
Less than 2,500 square ft of land	$ 39,528		-	$ 39,528		-
2,500-2,999 (square feet per unit)	2,342		-	2,342		-
3,000-3,999	2,684		-	2,684		-
4,000-4,999	3,123		-	3,123		-
5,000-5,999	3,575		-	3,575		-
6,000-6,999	4,014		-	4,014		-
7,000-7,999	4,441		-	4,441		-
8,000 +	4,660		-	4,660		-

Single Family Residential	Building			Subdivision		
	Unit Price	QTY	Amount	Unit Price	QTY	Amount
4,000-4,999 (square feet per unit)	$ 3,282		-	$ 5,258	47	247,126.00
5,000-5,999	3,428		-	5,478	12	65,736.00
6,000-6,999	3,575		-	5,697	1	5,697.00
7,000-7,999	3,721		-	5,917	1	5,917.00
8,000-9,999	3,941		-	6,234	1	6,234.00
10,000-13,999	4,380		-	6,869	1	6,869.00
14,000-19,999	5,112		-	7,906		-
20,000-29,999	6,320		-	9,479		-
30,000-39,999	7,845		-	11,322		-
40,000 +	9,406		-	13,042		-

Amount of impervious surface. to account for:	Sqr Ft.	Unit Price	Amount
	0	1.22	$ -

TOTAL: **$337,579**

Eligible credits: **$2,977**
Net fees due: **$334,602**

#

Calculate DA 130 fee if checked. ☐

Mark box to add mitigation fee. ***n/a***

Comments:

This drainage fee obligation was based on the Vesting Tentative Map, The Vines at Oakley, Subdivision 9507 dated July 2019. The Subdivision family rate was applied. Parcel C was not charged since this will used as a bioretention basin.
The project was given a credit of 2,440 sq ft. of existing impervious areas for existing building structures. No drainage fees have been previously paid for this parcel in the past.

Lot Closure

LOT #	(square feet)	35	4,916	69	-
1	7,136	36	4,250	70	-
2	5,410	37	4,250	71	-
3	4,662	38	4,916	72	-
4	4,455	39	4,916	73	-
5	4,452	40	4,250	74	-
6	4,452	41	4,250	75	-
7	4,452	42	4,916	76	-
8	4,452	43	4,916	77	-
9	4,452	44	4,589	78	-
10	4,452	45	6,903	79	-
11	4,452	46	5,503	80	-
12	4,452	47	5,439	81	-
13	4,452	48	5,435	82	-
14	4,452	49	4,750	83	-
15	4,452	50	4,735	84	-
16	4,452	51	4,719	85	-
17	4,452	52	4,703	86	-
18	5,293	53	5,342	87	-
19	4,752	54	4,669	88	-
20	5,090	55	4,653	89	-
21	5,090	56	4,637	90	-
22	4,400	57	4,621	91	-
23	4,400	58	5,250	92	-
24	5,090	59	8,100	93	-
25	5,090	60	10,437	94	-
26	4,400	61	4,288	95	-
27	4,400	62	4,243	96	-
28	5,090	63	4,589	97	-
29	4,400	64	-	98	-
30	4,404	65	-	99	-
31	4,701	66	-	100	-
32	4,551	67	-		
33	4,254	68	-		
34	4,250				

Total Area (ft^2): 308,379

Total Area (Acres): 7.079

AREA (SF)	QTY
<2,500	-
2,500-2,999	-
3,000-3,999	-
4,000-4,999	47
5,000-5,999	12
6,000-6,999	1
7,000-7,999	1
8,000-9,999	1
10,000-13,999	1
14,000-19,999	-
20,000-29,999	-
30,000-39,999	-
40,000 +	-

Comments:

Contra Costa County Flood Control & Water Conservation District (FLOOD CONTROL)

Response to FLOOD CONTROL-1
The agency inquired whether a drainage study or report was prepared and, if so, recommended that it be referenced or cited in the CEQA document.

The Draft IS/MND's description of the proposed storm drainage system was based on the civil engineering plan set; no report was used. Thus, there is no basis to reference one.

Response to FLOOD CONTROL-2
The agency recommended that the Draft IS/MND's hydrology section discuss the Drainage Area 29H mitigation fees. The agency noted that the current fee is $1.22 per square foot of new impervious surface and the fee should be collected prior to the recordation of the final map.

The Draft IS/MND's hydrology section described how the proposed project's storm drainage system would function, and that it would not inundate downstream drainage facilities with uncontrolled runoff. The Draft IS/MND concluded that impacts would be less than significant. Payment of the Drainage Area 29H fee would not alter this conclusion.

Response to FLOOD CONTROL-3
The agency stated that the Drainage Area 29H fee for the project would be $334,602 and explained the basis for the fee calculations. No response is necessary.

Response to FLOOD CONTROL-4
The agency provided a disclaimer about fee adjustments. No response is necessary.

Response to FLOOD CONTROL-5
The agency noted that the proposed project would need to relocate Line B and recommended that the applicant be conditioned to provide hydrology and hydraulic calculations to demonstrate that the Line B relocation works with adequate freeboard. The agency stated that if Line B does not have adequate freeboard, the Draft IS/MND should include mitigation measures.

The Line B relocation is part of the proposed project. As with all improvements constructed by the project, the applicant will be required to construct them in accordance with the adopted engineering standards in effect. Improvements will be inspected prior to project occupancy. This includes the Line B relocation. As such, there is no legal basis to include the aforementioned mitigation measure.

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4929 Beldin Lane
Oakley, CA 94561

August 14, 2019

City of Oakley
3231 Main St.
Oakley, CA 94561

To Whom It May Concern:

My name is Monica Hurney and my husband Keith Hurney and I live with our two teenage boys at 4929 Beldin Lane. We moved here in 2007 and love the quiet, country atmosphere and neighboring vineyard with no side neighbors. We also own the property at 4921 Beldin Lane as well adjacent to our home. 1

We are saddened to hear about the "The Vines at Oakley" proposed project which plans to build 63 homes next to our home. We will not only lose our privacy but also our view of Mt. Diablo and open fence. Currently there is no fence along the vineyard and our property and we enjoy the view and the openness. We purchased this home as well as the adjacent lot so that no one could build there and we could continue to have no neighbors. In looking at the plan we could potentially have 6 homes neighboring our properties with at least 3 of them being two stories that will look down on our private backyard. We will have a wall of two stories bordering our home which is very disappointing. 2

In addition to losing our privacy, we are concerned about traffic. As it is there is high traffic during school start and dismissal with the nearby Orchard Park School. Locals know do not try to turn left on Oakley road any time near when school starts and gets out as that stop sign gets backed up and bottlenecks. Adding 63 more homes that will potentially attend that school will definitely increase traffic and I forsee those homeowners having a difficult time getting to their school of attendance. Having Thomas drive extended will also create a "shortcut" through the neighborhood for Holly creek residents to get to school in the morning which will also create a nuisance. 3

Lastly, the homes being presented in "The Vines at Oakley" don't match the rural area and similar homes such Neroly estates and bordering neighborhoods which brought us here. We understand that progress needs to be made but feel a high density homes are not the answer. There are approximately 8 properties (over 1 acre parcels) neighboring the project to the west off of Live Oak and to the East the properties average 10k sq. ft. lots. The average lot size in the proposed project seem to average just 5,000 square foot. Shoving 63 homes into a small area with 5 foot side yards are not comparable. This project will also drive down the value of the homes in the area as it will not be as desired as before and it will make it more difficult to sell. 4

I ask that the city council as well as the planning and building departments will take into consideration the points I have brought before you and reconsider the plans for this beautiful space. Thanks for your consideration. 5

Sincerely,

Monica Hurney

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Private Parties

Monica Hurney (HURNEY)

Response to HURNEY-1
The author disclosed that her family owns two single-family residential properties on Beldin Lane adjacent to the eastern boundary of the proposed project. No response is necessary.

Response to HURNEY-2
The author expressed concern about losing views of the adjoining vineyard and Mt. Diablo, as well as the loss of privacy from having two-story homes on the other side of the property line.

The Draft IS/MND evaluated the potential loss of views of Mt. Diablo on page 14. The analysis noted that the existing fence along the property boundary obstructs ground level views and that all of the residences are two stories, which affords unobstructed views of Mt. Diablo. The proposed project's structures would be set back a minimum of 10 feet from the rear property line, with minimum 5-yard setbacks on either side. Thus, the combination of rear and side yard setbacks would create view corridors.

Regarding the loss of the vineyards, the City of Oakley General Plan designates the project site for low density residential development. Moreover, the project site is regarded as an infill site within the Oakley city limits. Thus, the conversion of the project site from agricultural to residential use is consistent with the planning objectives of the General Plan. As such, the change in the visual attributes of the site (including views) is also contemplated by the General Plan.

Lastly, from a planning perspective, residential land uses are considered compatible with each other in a number of contexts (e.g., health, safety, welfare, and visual). For these reasons, the Draft IS/MND concluded that development of the proposed project's residential uses on the project site would have a less than significant impact on the visual character of the project site and surroundings.

Response to HURNEY-3
The author expressed concern about traffic at the intersection of Oakley Road/Live Oak Avenue, particularly during school drop-off and pick-up. The author also expressed concern about the project's streets providing a through connection to Thomas Drive.

The intersection of Oakley Road/Live Oak Avenue was evaluated in the traffic analysis (Draft IS/MND Pages 93 to 95). The intersection operates at Level of Service (LOS) C during the AM peak period (7 a.m. to 9 a.m.), which coincides with school drop-off under existing conditions. The intersection is projected to deteriorate to unacceptable LOS E during the PM peak period (4 p.m. to 6 p.m.) with the addition of project-related trips. Mitigation Measure TRANS-1 requires the applicant to contribute funds towards the planned installation of a signal at this intersection, which would improve operations to LOS B. In sum, the Draft IS/MND evaluated this intersection and determined that it would require improvements in the future to maintain acceptable LOS.

The Draft IS/MND states on page 2 that an Emergency Vehicle Access (e.g., bollards) would be installed where the project streets connect to Thomas Drive. This would prevent cut-through traffic, while also allowing bicycle and pedestrian access.

Response to HURNEY-4
The author expressed concern that the density of the project was not compatible with the larger residential lots to the west and south.

The Draft IS/MND evaluated compatibility of the project with surrounding land uses in terms of aesthetics, hazards and hazardous materials, land use, noise, and traffic. From a planning perspective, residential land uses are considered compatible with each other in a number of contexts (refer to Response to HURNEY-1), and the Draft IS/MND concluded that development of the proposed project's residential uses on the project site would not have any significant impacts in these categories.

Response to HURNEY-5
The author provided closing remarks. No response is necessary.

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Mitigation Monitoring and Reporting Program
for
The Vines at Oakley (Subdivision 9507)
Draft Initial Study/Mitigated Negative Declaration
City of Oakley, Contra Costa County, California

Prepared for:
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Oakley, CA 94561
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Grant Gruber, Project Manager

Report Date: August 30, 2019

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Table 1: The Vines at Oakley Project Mitigation Monitoring and Reporting Program

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
3. Air Quality					
MM AIR-1: During construction activities, the following air pollution control measures shall be implemented: • Exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered 2 times per day. • All haul trucks transporting soil, sand, or other loose material off-site shall be covered. • All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited. • All roadways, driveways, and sidewalks shall be paved as soon as possible. • Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points. • All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified visible emissions evaluator. • A publicly visible sign shall be posted with the telephone number and person to contact at the City regarding dust complaints. This person shall respond and take corrective action within 48 hours of a complaint or issue notification. The BAAQMD's phone number shall also be visible to ensure compliance with applicable regulations.	Notes on construction plans; Site inspection	During construction	City of Oakley		

Table 1 (cont.): The Vines at Oakley Project Mitigation Monitoring and Reporting Program

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
MM AIR-2: During construction activities, all off-road equipment with engines greater than 50 horsepower shall meet either the EPA or ARB Tier IV Interim off-road emission standards. The construction contractor shall maintain records concerning its efforts to comply with this requirement, including equipment lists. Off-road equipment descriptions and information may include but are not limited to equipment type, equipment manufacturer, equipment identification number, engine model year, engine certification (Tier rating), horsepower, and engine serial number. If engines that comply with Tier IV Interim off-road emission standards are not commercially available, then the construction contractor shall use the next cleanest piece of off-road equipment (e.g., Tier III) available. For purposes of this mitigation measure, "commercially available" shall mean the availability of Tier IV Interim engines taking into consideration factors such as critical-path timing of construction and geographic proximity to the project site of equipment. The contractor can maintain records for equipment that is not commercial available by providing letters from at least two rental companies for each piece of off-road equipment where the Tier IV Interim engine is not available.	Notes on construction plans; Site inspection	During construction	City of Oakley		

Table 1 (cont.): The Vines at Oakley Project Mitigation Monitoring and Reporting Program

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
4. Biological Resources					
MM-BIO-1: To avoid or minimize impacts on the Swainson's Hawk, the following measures shall be implemented. • **Preconstruction Survey:** Prior to any ground disturbance related to covered activities that occurs during the nesting season (March 15–September 15), a qualified biologist will conduct a preconstruction survey no more than 1 month prior to construction to establish whether Swainson's hawk nests within 1,000 feet of the project site are occupied. If potentially occupied nests within 1,000 feet are off the project site, then their occupancy will be determined by observation from public roads or by observations of Swainson's hawk activity (e.g., foraging) near the project site. If nests are occupied, minimization measures and construction monitoring are required. • **Avoidance and Minimization and Construction Monitoring:** During the nesting season (March 15–September 15), covered activities within 1,000 feet of occupied nests or nests under construction will be prohibited to prevent nest abandonment. If site-specific conditions or the nature of the covered activity (e.g., steep topography, dense vegetation, limited activities) indicate that a smaller buffer could be used, the project applicant will coordinate with the CDFW/USFWS to determine the appropriate buffer size. - If young fledge prior to September 15, covered activities can proceed normally. If the active nest site is shielded from view and noise from the project site by other development, topography, or other features, the project applicant can apply to the lead agency for a waiver of this avoidance measure. Any waiver must also be approved by the USFWS and CDFW. While the nest is occupied, activities outside the buffer can take place.	Site inspection; Submittal of documentation	No more than 30 days prior to the start of ground disturbing activities between March 15 and September 15	City of Oakley		

Table 1 (cont.): The Vines at Oakley Project Mitigation Monitoring and Reporting Program

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
- All active nest trees will be preserved on-site, if feasible. Nest trees, including non-native trees, lost to covered activities will be mitigated by the project applicant according to the requirements below. • **Mitigation for Loss of Nest Trees:** The loss of non-riparian Swainson's hawk nest trees will be mitigated by the project applicant by: • If feasible on-site, planting 15 saplings for every tree lost with the objective of having at least 5 mature trees established for every tree lost according to the requirements listed below. AND either 1) Pay the lead agency an additional fee to purchase, plant, maintain, and monitor 15 saplings on the HCP/NCCP Preserve System for every tree lost according to the requirements listed below, OR 2) The project applicant will plant, maintain, and monitor 15 saplings for every tree lost at a site to be approved by the Implementing Entity (e.g., within an HCP/NCCP preserve or existing open space linked to HCP/NCCP preserves), according to the requirements listed below. The following requirements will be met for all planting options: • Tree survival shall be monitored at least annually for 5 years, then every other year until year 12. All trees lost during the first 5 years will be replaced. Success will be reached at the end of 12 years if at least 5 trees per tree lost survive without supplemental irrigation or protection from herbivory. Trees must also survive for at least 3 years without irrigation. • Irrigation and fencing to protect from deer and other herbivores may be needed for the first several years to ensure maximum tree survival. • Native trees suitable for this site should be planted. When site					

Table 1 (cont.): The Vines at Oakley Project Mitigation Monitoring and Reporting Program

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
conditions permit, a variety of native trees will be planted for each tree lost to provide trees with different growth rates, maturation, and life span, and to provide a variety of tree canopy structures for Swainson's hawk. This variety will help to ensure that nest trees will be available in the short term (5-10 years for cottonwoods and willows) and in the long term (e.g., valley oak, sycamore). This will also minimize the temporal loss of nest trees. • Whenever feasible and when site conditions permit, trees should be planted in clumps together or with existing trees to provide larger areas of suitable nesting habitat and to create a natural buffer between nest trees and adjacent development (if plantings occur on the development site). • Whenever feasible, plantings on the site should occur closest to suitable foraging habitat outside the Urban Development Area. • Trees planted in the HCP/NCCP preserves or other approved off-site location will occur within the known range of Swainson's hawk in the inventory area and as close as possible to high-quality foraging habitat.					
MM-BIO-2: To mitigate impacts on nesting birds, the following measures shall be implemented for construction work during the nesting season (February 15 through August 31): • If construction or tree removal is proposed during the breeding/nesting season for migratory birds (typically February 15 through August 31), a qualified biologist shall conduct pre-construction surveys for northern harrier, grasshopper sparrow, pallid bat, Townsend's big-ear bat, and other migratory birds within the construction area, including a 300-foot survey buffer, no more than 3 days prior to the start of ground disturbing activities in the construction area. • If an active nest is located during pre-construction surveys,	Site inspection; Submittal of documentation	No more than 3 days prior to the start of ground disturbing activities between February 15 and August 31	City of Oakley		

Table 1 (cont.): The Vines at Oakley Project Mitigation Monitoring and Reporting Program

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
the USFWS and/or CDFW (as appropriate) shall be notified regarding the status of the nest. Furthermore, construction activities shall be restricted as necessary to avoid disturbance of the nest until it is abandoned or a qualified biologist deems disturbance potential to be minimal. Restrictions may include establishment of exclusion zones (no ingress of personnel or equipment at a minimum radius of 300 feet around an active raptor nest and 50-foot radius around an active migratory bird nest) or alteration of the construction schedule. • A qualified biologist shall delineate the buffer using nest buffer signs, environmentally sensitive area fencing, pin flags, and or flagging tape. The buffer zone shall be maintained around the active nest site(s) until the young have fledged and are foraging independently.					
5. Cultural and Tribal Cultural Resources					
MM CUL-1: In the event a potentially significant cultural resource is encountered during subsurface earthwork activities, all construction activities within a 100-foot radius of the find shall cease and workers should avoid altering the materials until an archaeologist who meets the Secretary of Interior's Professional Qualification Standards for archaeology has evaluated the situation. The project applicant shall include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. Potentially significant cultural resources consist of but are not limited to stone, bone, glass, ceramics, fossils, wood, or shell artifacts, or features including hearths, structural remains, or historic dumpsites. The archaeologist shall make recommendations concerning appropriate measures that will be implemented to protect the resource, including but not limited to excavation and evaluation of the finds in accordance with Section 15064.5	Notes on construction plans; Site inspection; Submittal of documentation	During construction	City of Oakley		

Table 1 (cont.): The Vines at Oakley Project Mitigation Monitoring and Reporting Program

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
of the CEQA Guidelines. Any previously undiscovered resources found during construction within the project Site shall be recorded on appropriate Department of Parks and Recreation (DPR) 523 forms and will be submitted to the City of Oakley, the Northwest Information Center, and the State Historic Preservation Office, as required.					
MM CUL-2: In the event of the accidental discovery or recognition of any human remains, CEQA Guidelines Section 15064.5; Health and Safety Code Section 7050.5; Public Resources Code Section 5097.94, and Section 5097.98 must be followed. If during the course of project development there is accidental discovery or recognition of any human remains, the following steps shall be taken: 1. There shall be no further excavation or disturbance within 100 feet of the remains until the Contra Costa County Coroner is contacted to determine if the remains are Native American and if an investigation of the cause of death is required. If the coroner determines the remains to be Native American, the coroner shall contact the NAHC within 24 hours, and the NAHC shall identify the person or persons it believes to be the most likely descendant of the deceased Native American. The most likely descendant may make recommendations to the landowner or the person responsible for the excavation work within 48 hours, for means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods as provided in Public Resources Code Section 5097.98. 2. Where the following conditions occur, the landowner or his or her authorized representative shall rebury the Native American human remains and associated grave goods with appropriate dignity either in accordance with the recommendations of the most likely descendant or on the	Notes on construction plans; Site inspection; Submittal of documentation	During construction	City of Oakley		

Table 1 (cont.): The Vines at Oakley Project Mitigation Monitoring and Reporting Program

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
project site in a location not subject to further subsurface disturbance: • The NAHC is unable to identify a most likely descendent or the most likely descendent failed to make a recommendation within 48 hours after being notified by the commission. • The descendant identified fails to make a recommendation. • The landowner or his authorized representative rejects the recommendation of the descendant, and mediation by the NAHC fails to provide measures acceptable to the landowner. Additionally, California Public Resources Code Section 15064.5 requires the following relative to Native American Remains: • When an initial study identifies the existence of, or the probable likelihood of, Native American Remains within a project, a lead agency shall work with the appropriate Native Americans as identified by the Native American Heritage Commission as provided in Public Resources Code Section 5097.98. The project applicant may develop a plan for treating or disposing of, with appropriate dignity, the human remains and any items associated with Native American Burials with the appropriate Native Americans as identified by the Native American Heritage Commission.					

Table 1 (cont.): The Vines at Oakley Project Mitigation Monitoring and Reporting Program

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
7. Geology and Soils					
MM GEO-1: In the event that fossils or fossil-bearing deposits are discovered during construction activities, excavations within a 100-foot radius of the find shall be temporarily halted or diverted. The project contractor shall notify a qualified paleontologist to examine the discovery. The project applicant shall include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. The paleontologist shall document the discovery as needed in accordance with Society of Vertebrate Paleontology standards and assess the significance of the find under the criteria set forth in CEQA Guidelines Section 15064.5. The paleontologist shall notify the appropriate agencies to determine procedures that would be followed before construction activities are allowed to resume at the location of the find. If the project applicant determines that avoidance is not feasible, the paleontologist shall prepare an excavation plan for mitigating the effect of construction activities on the discovery. The plan shall be submitted to the City of Oakley for review and approval prior to implementation, and the project applicant shall adhere to the recommendations in the plan.	Notes on construction plans; Site inspection; Submittal of documentation	During construction activities	City of Oakley		

Table 1 (cont.): The Vines at Oakley Project Mitigation Monitoring and Reporting Program

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
13. Noise					
MM NOI-1: To reduce potential construction noise impacts during project construction, the following multi-part mitigation measure shall be implemented for the project: • All construction equipment powered by internal combustion engines shall be properly muffled and maintained. • Quiet construction equipment, particularly air compressors, are to be selected whenever possible. • All stationery noise-generating construction equipment such as tree grinders and air compressors are to be located as far as is practical from existing residences. In addition, the project contractor shall place such stationary construction equipment so that emitted noise is directed away from sensitive receptors nearest the project site. • Unnecessary idling of internal combustion engines is prohibited. • The construction contractor shall, to the maximum extent practical, locate on-site equipment staging areas so as to maximize the distance between construction-related noise sources and noise-sensitive receptors nearest the project site during all project construction. • Use of pile drivers, sources of impulsive sound and jack hammers shall be prohibited on Sundays and holidays, except for emergencies or as approved in advance by the Building Official. • The construction contractor shall limit noise producing construction activity to weekday hours between 7:30 a.m. and 5:30 p.m., with no work allowed on weekends unless otherwise authorized by the City in writing.	Notes on construction plans; Site inspection	During construction	City of Oakley		

Table 1 (cont.): The Vines at Oakley Project Mitigation Monitoring and Reporting Program

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
17. Transportation					
MM TRANS-1: Prior to issuance of the first building permit, the project applicant shall provide the fair share cost to the City of Oakley of the future installation of a signal at the intersection of Live Oak Road/Oakley Road. Payment of traffic impact fees in accordance with the City's adopted fee schedule would satisfy the applicant's fair share responsibility for this improvement if it is programmed into the fee program.	Receipt of fees	Prior to issuance of the first building permit	City of Oakley		
MM TRANS-2: Prior to issuance of the first building permit, the project applicant shall prepare and submit improvement plans to the City of Oakley depicting modifications to the existing median within Oakley Road to permit left-in, left-out access.	Receipt of fees	Prior to issuance of the first building permit	City of Oakley		

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The Vines at Oakley (Subdivision 9507)
Initial Study/Mitigated Negative Declaration
City of Oakley, Contra Costa County, California

Prepared for:
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Grant Gruber, Project Manager

Date: July 16, 2019

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SECTION 1: INTRODUCTION

The purpose of this Initial Study/Mitigated Negative Declaration (IS/MND) is to identify any potential environmental impacts from implementation of The Vines at Oakley Project in the City of Oakley, California. Pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15367, the City of Oakley (City) is the lead agency in the preparation of this IS/MND and any additional environmental documentation required for the project. The City has discretionary authority over the proposed project. The intended use of this document is to determine the level of environmental analysis required to adequately prepare the project IS/MND and to provide the basis for input from public agencies, organizations, and interested members of the public.

The remainder of this section provides a brief description of the project location and the characteristics of the project. Section 2 includes an environmental checklist giving an overview of the potential impacts that may result from project implementation. Section 3 elaborates on the information contained in the environmental checklist, along with justification for the responses provided in the environmental checklist.

1.1 - Project Location

The project site is located at 2371 Oakley Road in the City of Oakley, Contra Costa County, California (Exhibit 1). The 9.87-acre project site is bounded by large-parcel residential uses (west), Oakley Road (north), an existing single-family neighborhood (east), and Holly Oak Park and a single-family residential neighborhood (south) (Exhibit 2). The project site is located on the Brentwood, California United States Geological Survey (USGS) 7.5-Minute Quadrangle, Township 2 North, Range 2 East, Section 22 (Latitude 38° 59’ 49” North; Longitude 121° 44’ 20” West).

1.2 - Environmental Setting

1.2.1 - Land Use Activities

The project site contains gently sloping relief and is at an elevation of 28 to 43 feet above mean sea level. The project site is planted with vineyards and is mapped as ‘Farmland of Statewide Importance’ by the California Department of Conservation. Three existing structures are located near the Oakley Road frontage and consist of a single-family residence, a garage, and a shed. The structures are surrounded with a chain link fence. A large mature evergreen tree is located next to the structures. An existing 54-inch diameter underground storm drain line is present along the eastern project boundary.

The project frontage with Oakley Road is unimproved. Mature trees and overhead utilities are present along the roadway frontage. Fences are present along the property lines with the adjoining residential uses. Exhibit 3 provides a photograph of the project site.

1.2.2 - General Plan and Zoning

The site is designated 'Single-Family Residential—High' by the City of Oakley General Plan and zoned 'R-6' by the Oakley Zoning Ordinance.

1.3 - Project Description

1.3.1 - Project Summary

The project applicant (MLC Holdings) is proposing to rezone and subdivide the site to allow the development of 63 residential lots, streets, and a bioretention area. Table 1 summarizes the project. Exhibit 4 depicts the vesting tentative map.

Table 1: Project Summary

End Use	Characteristics
Single-family Residential	63 dwelling units; 4,000-square-foot minimum lot size; Floor plans range from 1,583 square feet to 2,050 square feet
Streets	Streets A and B; Street A provides gated connection to Oakley Road; Street B connects to Street A on both ends
Bioretention Basin	14,116-square-foot parcel
Source: MLC Holdings 2019.	

1.3.2 - Circulation

The proposed project would be accessed from a gated point on Oakley Road. The privately owned and maintained internal circulation system would consist of two 28-foot-wide streets (Street A and Street B). An Emergency Vehicle Access (EVA) would be located at the point where Street A would connect to the existing stub of Thomas Drive to the south. Bollards would restrict EVA access to emergency vehicles only, but would allow for bicycle and pedestrian access to and from Holly Creek Park to the south.

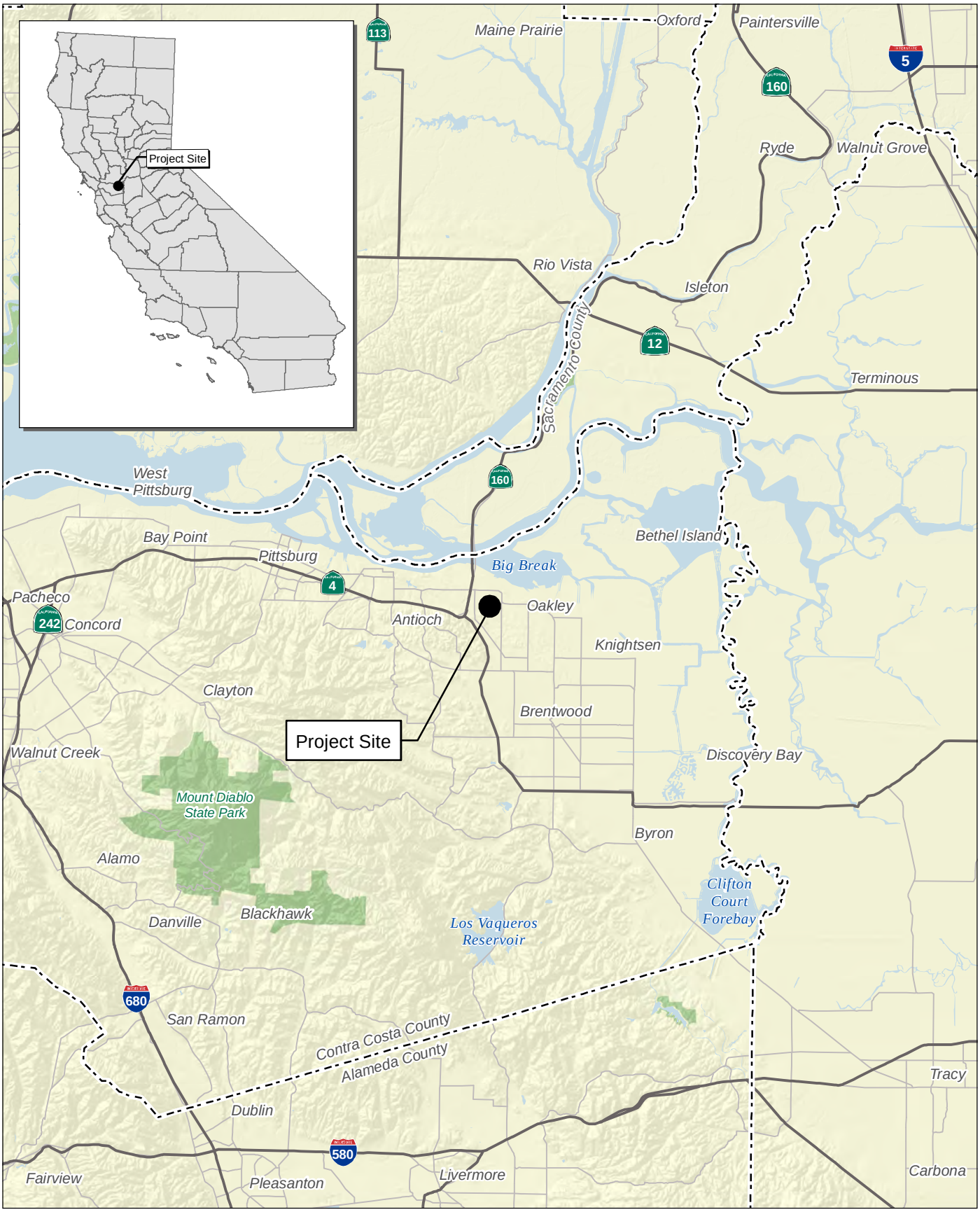
1.3.3 - Storm Drainage

A storm drainage system consisting of inlets and underground piping ranging from 15 to 24 inches in diameter would convey runoff to the bioretention basin located along the Oakley Road frontage. The basin would detain runoff during peak storm events and meter its release into the existing 54-inch diameter storm drain line. The storm drainage system would be privately owned and maintained.

1.3.4 - Utilities

Wet Utilities

The project would be served with potable water provided by the Diablo Water District and sewer service provided by the Ironhouse Sanitary District.



Source: Census 2000 Data, The CaSIL

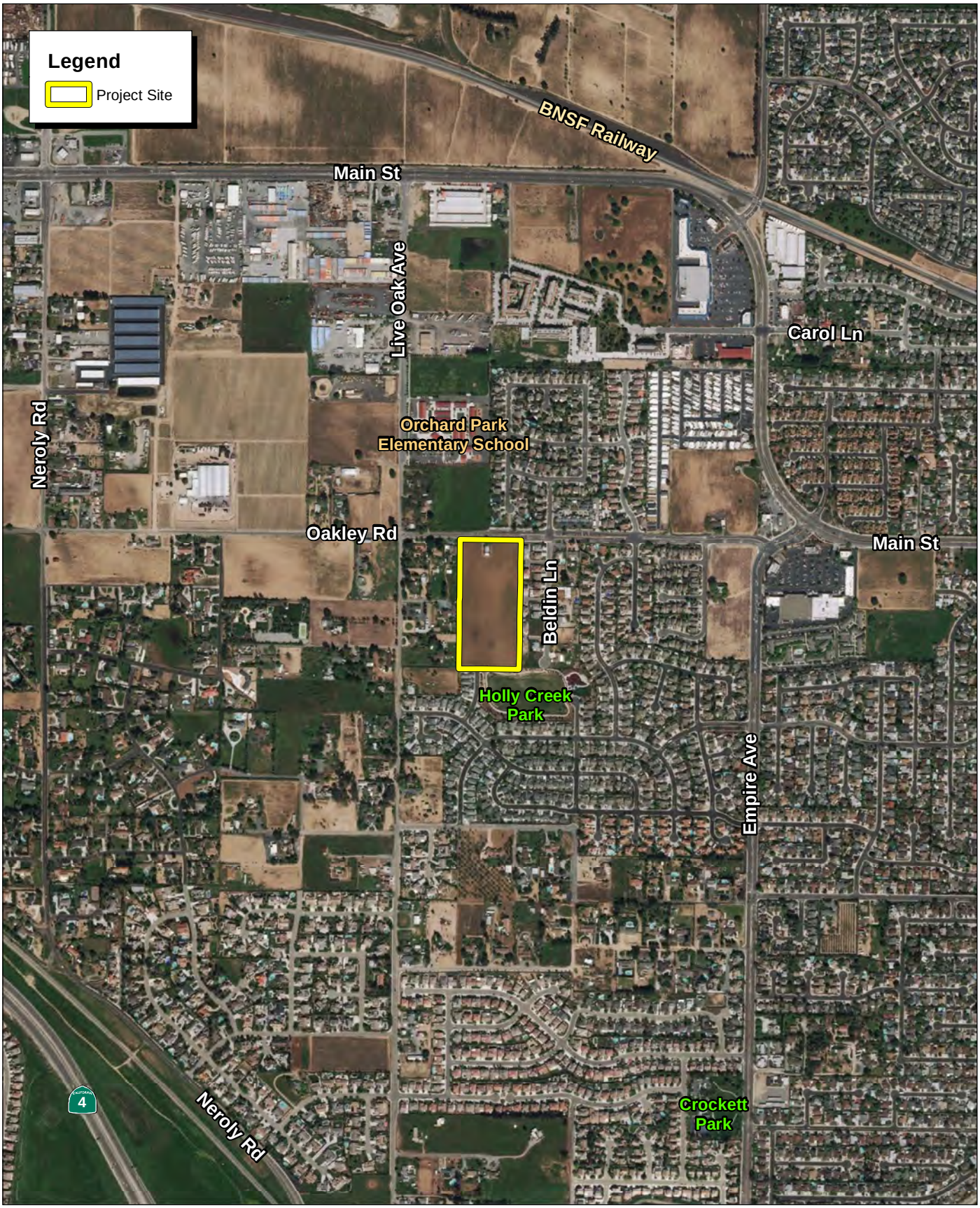
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Exhibit 1
Regional Location Map

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Source: ESRI Aerial Imagery.

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Exhibit 2
Local Vicinity Map
Aerial Base

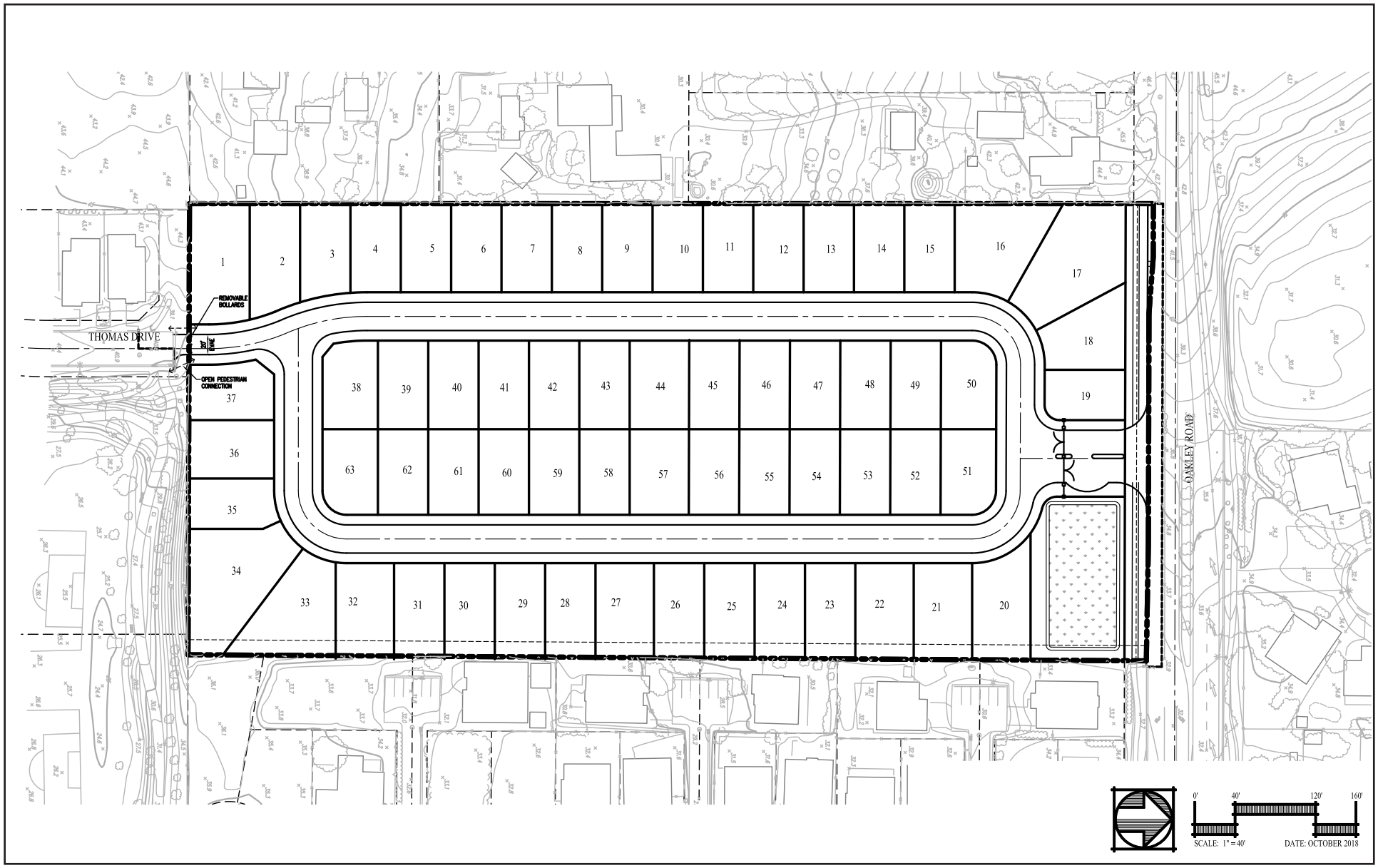
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Exhibit 3
Site Photograph

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Source: Carlson, Barbee & Gibson, Inc., December 2018.

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Exhibit 4
Site Plan

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Dry Utilities

Marin Clean Energy (MCE) or Pacific Gas and Electricity Company (PG&E) would provide electricity to the proposed project.[1] PG&E would provide natural gas to the project. All utility connections would be underground.

1.3.5 - Structure and Vegetation Removal

The project includes demolition of the three existing structures, as well as the existing vineyard and trees.

1.3.6 - General Plan Amendment and Rezone

General Plan Amendment

The project applicant proposes to change the General Plan land use designation for a 2.20-acre portion of the project site from 'Single-Family Residential—High' to 'Multi-Family Residential—Low.' The remaining 7.67 acres would remain 'Single-Family Residential—High.' The purpose of designating only a portion of the site to 'Multi-Family Residential—Low' is to achieve a maximum density that results in the number of units proposed.

Rezone

The project applicant proposes to rezone the entire 9.87-acre project site from 'R-6' to 'Planned Development.'

1.3.7 - Construction

For the purposes of this IS/MND, the entire project would be constructed concurrently over a 21-month schedule between March 2020 and December 2022.

In terms of grading, the project site would balance; no import or export of soils would be required.

1.4 - Required Discretionary Approvals

The proposed project would require the following discretionary approvals:

- General Plan Amendment
- Rezone
- Vesting Tentative Map (Subdivision 9507)
- Design Review

1.5 - Intended Uses of this Document

This IS/MND has been prepared to determine the appropriate scope and level of detail required in completing the environmental analysis for the proposed project. This document will also serve as a basis for soliciting comments and input from members of the public and public agencies regarding

[1] MCE is the default electricity provider. However, residents would have the option of 'opting out' and being served by PG&E.

the proposed project. The Draft IS/MND will be circulated for a minimum of 30 days, during which period comments concerning the analysis contained in the IS/MND should be sent to:

Ken Strelo, Principal Planner
Planning and Zoning Department
3231 Main Street
Oakley, CA 94561
Phone: 925.625.7000
Email: strelo@ci.oakley.ca.us

SECTION 2: ENVIRONMENTAL CHECKLIST AND ENVIRONMENTAL EVALUATION

Environmental Factors Potentially Affected					
The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.					
☐	Aesthetics	☐	Agriculture and Forestry Resources	☐	Air Quality
☐	Biological Resources	☐	Cultural Resources	☐	Energy
☐	Geology/Soils	☐	Greenhouse Gas Emissions	☐	Hazards/Hazardous Materials
☐	Hydrology/Water Quality	☐	Land Use/Planning	☐	Mineral Resources
☐	Noise	☐	Population/Housing	☐	Public Services
☐	Recreation	☐	Transportation	☐	Tribal Cultural Resources
☐	Utilities/Services Systems	☐	Wildfire	☐	Mandatory Findings of Significance

Environmental Determination

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measure based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Date: July 16, 2019 Signed: Kenneth W. Strelo

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
1. Aesthetics *Except as provided in Public Resources Code Section 21099, would the project:*				
a) Have a substantial adverse effect on a scenic vista?	☐	☐	☒	☐
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic building within a state scenic highway?	☐	☐	☐	☒
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☒	☐
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	☒	☐

Environmental Evaluation

a) Have a substantial adverse effect on a scenic vista?

Less than significant impact. The City of Oakley General Plan identifies natural landscape features such as the Delta, Dutch Slough, Marsh Creek, agricultural and other open space lands, as well as views of Mount Diablo as scenic resources. Of the aforementioned features, only Mount Diablo is visible from the project site when looking to the southwest (Exhibit 3). Thus, land uses located south and west of the project site would not have their views of Mount Diablo obstructed by the project. The single-family residential neighborhood to the east has an existing fence along the property line. Additionally, all of these dwelling units are 2-story structures. Thus, ground level views of Mount Diablo from the backyards are currently obstructed, while second floor views are mostly unobstructed. Project structures would be setback a minimum of 10 feet from the eastern property line, with minimum 5-foot side yard setbacks. Thus, project structures would be setback sufficiently far enough away to provide view corridors between structures. Land uses to the north consist of single-family residential uses. The nearest dwelling unit is more than 150 feet from the nearest project structure, which would avoid obstruction of views of Mount Diablo. The impact would be less than significant.

b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic building within a state scenic highway?

No impact. State Route 160 (SR-160) is located 0.83-mile west of the project site. SR-160 is classified as an 'Eligible' State Scenic Highway. The project site is not visible from SR-160 because of the intervening topography, vegetation, and structures. This condition precludes the potential for substantial damage to scenic resources within view of a State Scenic Highway. No impact would occur.

c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

Less than significant impact. The project site contains vineyards, three structures, and mature trees. The project frontage with Oakley Road is unimproved. The property is bounded by single-family residential uses to the west and east, Oakley Road to the north, and a park and single-family residential uses to the south.

The proposed project would develop 63 single-family residences on the project site, along with a bioretention basin, and an internal roadway network. The residences would consist of 1- and 2-story units with a contemporary appearance, similar to surrounding development.

The City of Oakley General Plan contemplates low-density residential use on the project site. The proposed project involves a General Plan Amendment to re-designate 2.2 acres of the project site to multi-family residential use for the purpose of allowing a slightly higher average gross density (no multi-family residential dwelling units are proposed). From a visual character perspective, the General Plan Amendment has no significant implications as the project site would support higher-density residential uses instead of lower-density residential uses and, thus, under either scenario, would still be developed.

In sum, the proposed project would develop residential uses on an infill site within the Oakley city limits that is designated for urban residential development by the General Plan. The project would be similar in visual character with surrounding land uses and would not substantially degrade the visual character of the project site or its surroundings. Impacts would be less than significant.

d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

Less than significant impact. The project proposes to develop 63 residential units on a site containing vineyards, three structures, and mature trees. As a result, the project would increase the amount of light and glare from the project site compared with existing conditions. The new sources of light would come from interior and exterior lighting, as well as some glare reflecting off building surfaces. The proposed project would be compliant with the Residential Design Guidelines, including lighting standards that require the use of the City's standard for residential street lights and limits residential lighting for security purpose. Compliance with the City's standards would ensure the

project would not adversely affect day or nighttime views in the area. The impacts would be less than significant.

Mitigation Measures

None.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
2. Agriculture and Forestry Resources *In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:*				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☒	☐
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?	☐	☐	☐	☒
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☒	☐

Environmental Evaluation

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the State's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment

project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. The Land Evaluation and Site Assessment Model (LESA) Model is provided in Appendix A.

Would the project:

a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

Less than significant impact. The Farmland Mapping and Monitoring Program maps 9.53 acres of the project site as 'Farmland of Statewide Importance.' As such, FirstCarbon Solutions (FCS) prepared a LESA Model to evaluate the significance of the proposed conversion of Important Farmland to non-agricultural use. The LESA Model scoring summary is provided in Table 2.

Table 2: Land Evaluation and Site Assessment Model Scoring Summary

Category	Factor	Points	Factor Wight	Weighted Points	Remarks
Land Evaluation	Land Capability Class	—	0.25	15	The project site contains Class 3s soils, which are fair in terms of agricultural value.
	Storie Index	—	0.25	12.25	The Storie Index reflects the "fair" agricultural value of the soils.
	Subtotal	—	0.50	27.25	—
Site Assessment	Project Site	0	0.15	12.75	The project size rating is 0 because of the small amount of Important Farmland.
	Water Resources Availability	—	0.15	12.75	Groundwater and irrigation district water are presumed to be available. During drought years, there are physical restrictions for both water sources.
	Surrounding Agricultural Lands	—	0.15	0	Farmland accounts for approximately 25 percent of the surrounding land uses. LESA model assigns 0 points when surrounding agricultural uses are less than 40 percent.
	Surrounding Protected Resources Lands	—	0.05	0	There are no protected resource lands surrounding the project site. LESA model assigns 0 points when surrounding resource lands are less than 40 percent.
	Subtotal	—	0.50	12.75	—
			Grand Total	**40.00**	—

Note:
LESA Model workbook provided in Appendix A. The workbook provides a complete explanation of each criterion used in assessing Farmland conversion impacts.
Source: FCS, 2019.

As shown in Table 2, the project site achieves a total score of 40.0. The LESA model indicates that scores between 40 and 59 are significant if the Land Evaluation and Site Assessment subscores are each greater than or equal to 20 points. Although the Land Evaluation subscore is greater than 20 points, the Site Assessment subscore is less than 20 points. Therefore, the conversion of Important Farmland to non-agricultural use would be less than significant.

b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?

No impact. The project site is zoned 'R-6' by the Oakley Zoning Ordinance, a non-agricultural zoning designation. The proposed project's discretionary approvals include rezoning the site to 'Planned Development,' which is also a non-agricultural zoning designation. Additionally, the project site is not encumbered by an active Williamson Act contract. Thus, no conflicts with agricultural zoning or Williamson Act contracts would occur. No impact would occur.

c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?

No impact. The project site is zoned 'R-6' by the Oakley Zoning Ordinance, a non-forest zoning designation. The proposed project's discretionary approvals include rezoning the site to 'Planned Development,' which is also a non-forest zoning designation. Thus, no conflicts with forest zoning would occur. No impact would occur.

d) Result in the loss of forest land or conversion of forest land to non-forest use?

No impact. Although the project site supports a handful of mature trees, the project site does not meet the State definition of forest land because of the low density of the trees. As such, project implementation would not result in the loss of forest land or conversion of forest land to non-forest use. No impact would occur.

e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

Less than significant impact. The project site is one of a number of agricultural properties within the Oakley city limits that are envisioned to support urban land uses in the future. To the extent that the development of the proposed project creates pressures to convert other agricultural properties to urban, this conversion is contemplated by the City of Oakley General Plan. Moreover, the inclusion of these lands within the Oakley city limits indicates that their highest and best use is urban development. Thus, the conversion of these lands to non-agricultural use represents planned growth and not the premature conversion of viable agricultural land. Impacts would be less than significant.

Mitigation Measures

None.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
3. Air Quality *Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:*				
a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☒	☐	☐
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or State ambient air quality standard?	☐	☒	☐	☐
c) Expose sensitive receptors to substantial pollutant concentrations?	☐	☒	☐	☐
d) Result in other emissions (such as those leading to odors or) adversely affecting a substantial number of people?	☐	☐	☒	☐

Environmental Evaluation

Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations.

Would the project:

a) Conflict with or obstruct implementation of the applicable air quality plan?

Less than significant impact with mitigation incorporated. The project is located in the San Francisco Bay Area Air Basin (Air Basin), where air quality is regulated by the Bay Area Air Quality Management District (BAAQMD). The United States Environmental Protection Agency (EPA) is responsible for identifying non-attainment and attainment areas for each criteria pollutant within the Air Basin. The Air Basin is designated non-attainment for the federal and State ozone standards, the State PM_{10} standards, and the federal and State $PM_{2.5}$ standards.

To address regional air quality standards, the BAAQMD has adopted several air quality policies and plans, the most recent of which is the 2017 Clean Air Plan. The 2017 Clean Air Plan was adopted in April of 2017 and serves as the regional air quality plan (AQP) for the Air Basin for attaining federal ambient air quality standards. The primary goals of the 2017 Clean Air Plan include protecting public health and protecting the climate. The 2017 Clean Air Plan acknowledges that the BAAQMD's two stated goals of protection are closely related. As such, the 2017 Clean Air Plan identifies a wide range

of control measures intended to decrease both criteria pollutants[2] and greenhouse gases (GHGs).[3] The 2017 Clean Air Plan updates the BAAQMD's 2010 Clean Air Plan, pursuant to air quality planning requirements defined in the California Health and Safety Code.

The 2017 Clean Air Plan also accounts for projections of population growth provided by Association of Bay Area Governments and vehicle miles traveled provided by the Metropolitan Transportation Commission, and identifies strategies to bring regional emissions into compliance with federal and State air quality standards. A project would be judged to conflict with or obstruct implementation of the 2017 Clean Air Plan if it would result in substantial new regional emissions not foreseen in the air quality planning process.

The BAAQMD does not provide a numerical threshold of significance for project-level consistency analysis with AQPs. Therefore, the following criteria will be used for determining a project's consistency with the AQP.

- **Criterion 1:** Does the project support the primary goals of the AQP?
- **Criterion 2:** Does the project include applicable control measures from the AQP?
- **Criterion 3:** Does the project disrupt or hinder implementation of any AQP control measures?

Criterion 1

The primary goals of the 2017 Clean Air Plan, the current AQP to date, are to:

- Attain air quality standards; and
- Reduce population exposure to unhealthy air and protecting public health in the Bay Area.

A measure for determining if the project supports the primary goals of the AQP is if the project would not result in an increase in the frequency or severity of existing air quality violations, cause or contribute to new violations, or delay timely attainment of air quality standards or the interim emission reductions specified in the air quality plans. The development of the AQP is based in part on the land use general plan determinations of the various cities and counties that constitute the Air Basin. A project that is consistent with the general plan is considered to be accounted for in the AQP. In this case, the site is designated 'Single-Family Residential—High' by the City of Oakley General Plan and zoned 'R-6' by the Oakley Zoning Ordinance. Therefore, emissions related to development of the project site would have been included in growth forecasts for the current AQP as residential development. The project includes a General Plan Amendment that proposes to change a portion of the project site designation from 'Single-Family Residential—High' to 'Medium Density Residential.' The project proposes to rezone the entire project site from 'R-6' to 'Planned Development.' As discussed in Section 14-Population and Housing, the addition of 218 new residents associated with the proposed project would represent planned growth consistent with the existing residential land

[2] The EPA has established National Ambient Air Quality Standards (NAAQS) for six of the most common air pollutants—carbon monoxide, lead, ground-level ozone, particulate matter, nitrogen dioxide, and sulfur dioxide—known as "criteria" air pollutants (or simply "criteria pollutants").

[3] A GHG is any gaseous compound in the atmosphere that is capable of absorbing infrared radiation, thereby trapping and holding heat in the atmosphere. By increasing the heat in the atmosphere, greenhouse gases are responsible for the greenhouse effect, which ultimately leads to global warming.

use designation. Considering this information, vehicle miles traveled (VMT) generated by the project site has been reasonably accounted for in the AQP. Because the project does not represent unplanned growth compared to the assumptions used in the AQP, it is reasonable to conclude that the project would not adversely affect the AQP. Furthermore, as discussed in Impact 3(b), the project's long-term construction and operational-related emissions would not exceed BAAQMD regional thresholds of significance on an average daily or annual basis. Because VMT generated by the project site has been reasonably accounted for in the AQP and because the project would not exceed BAAQMD regional thresholds of significance on an average daily or annual basis, the project would be consistent with the first criterion.

Criterion 2

The 2017 Clean Air Plan contains 85 control measures aimed at reducing air pollutants and GHGs at the local, regional, and global levels. Along with the traditional stationary, area, mobile source, and transportation control measures, the 2017 Clean Air Plan contains a number of control measures designed to protect the climate and promote mixed use, compact development to reduce vehicle emissions and exposure to pollutants from stationary and mobile sources. The 2017 Clean Air Plan also includes an account of the implementation status of control measures identified in the 2010 Clean Air Plan.

Table 3 lists the relevant Clean Air Plan policies to the project and evaluates the project's consistency with the policies. As shown below, the project would be consistent with applicable measures and would not hinder the implementation of any AQP control measures.

Table 3: Project Consistency with Applicable Clean Air Plan Control Measures

Control Measure	Project Consistency
Stationary Control Measures	
SS29: Asphaltic Concrete	**Consistent.** Paving activities associated with the proposed project would be required to utilize asphalt that does not exceed BAAQMD emission standards.
SS36: Particulate Matter from Trackout	**Consistent with Mitigation.** Mud and dirt that may be tracked out onto the nearby public roads during construction activities shall be removed promptly by the contractor based on BAAQMD's requirements. Mitigation Measure (MM) AIR-1, identified under Impact 3b, would implement Best Management Practices (BMPs) recommended by BAAQMD for fugitive dust emissions during construction.
SS37: Particulate Matter from Asphalt Operations	**Consistent.** Paving and roofing activities associated with the proposed project would be required to utilize best management practices to minimize the particulate matter created from the transport and application of road and roofing asphalt.

Table 3 (cont.): Project Consistency with Applicable Clean Air Plan Control Measures

Control Measure	Project Consistency
SS38: Fugitive Dust	**Consistent with Mitigation.** Material stockpiling and track out during grading activities, as well as smoke and fumes from paving and roofing asphalt operations, shall utilize BMPs to minimize the creation of fugitive dust. MM AIR-1, identified under Impact 3b, would implement BMPs recommended by BAAQMD for fugitive dust emissions during construction.
Transportation Control Measures	
TR9: Bicycle and Pedestrian Access Facilities	**Consistent.** The proposed project would comply with TR9 by providing pedestrian connectivity within the project site and from the project site to surrounding land uses.
Buildings Control Measures	
BL1: Green Buildings	**Consistent.** The project would not conflict with implementation of this measure. At minimum, the project would comply with the California Energy Code and thus incorporate applicable energy efficiency features designed to reduce project energy consumption.
BL2: Decarbonize Buildings	**Consistent.** The project would not conflict with implementation of this measure. The project would comply with the latest energy efficiency standards and incorporate applicable energy efficiency features designed to reduce project energy consumption. For instance, each proposed home would include solar panels and spray foam insulation.
BL4: Urban Heat Island Mitigation	**Consistent.** The project proposes to remove several mature trees within the project boundaries, most of which are near the existing building on the project site. As described in Section 4-Biological Resources, the project would be required to adhere to all policies regarding tree removal and replacement. Any project developments that require the removal of adult trees will have to abide by the City of Oakley Tree Care Requirements. In addition, the project would incorporate landscaping throughout the site. The project would provide landscaping in accordance with City standards that would serve to reduce the urban heat island effect and would include the planting of shade trees.

Table 3 (cont.): Project Consistency with Applicable Clean Air Plan Control Measures

Control Measure	Project Consistency
Energy Control Measures	
EN2: Decrease Energy Use	**Consistent.** The project applicant would be required to conform to the energy efficiency requirements of the California Building Standards Code, also known as Title 24, which was adopted in order to meet an Executive order in the Green Building Initiative to improve the energy efficiency of buildings through aggressive standards. Specifically, new development must implement the requirements of the most recent Building Energy Efficiency Standards, which is the current version of Title 24. The 2019 Building Efficiency Standards go into effect on January 1, 2020. As part of the project, each proposed home would include solar panels and spray foam insulation.
Natural and Working Lands Control Measures	
NW2: Urban Tree Planting	**Consistent.** The project would incorporate landscaping throughout the site. The project would provide landscaping in accordance with City standards that would serve to reduce the urban heat island effect and would include the planting of shade trees.
Waste Management Control Measures	
WA3: Green Waste Diversion	**Consistent:** The waste service provider for the project will be required to meet the Assembly Bill 341 (AB 341) and Senate Bill 939 (SB 939) and SB 1374 requirements that require waste service providers to divert green waste.
WA4: Recycling and Waste Reduction	**Consistent:** Mount Diablo Resource Recovery is the City of Oakley's franchise solid waste provider. Residential customers are provided separate containers for curbside solid waste, recycling, and green waste pick-up. The project would promote compliance with State mandates for recycling and waste reduction by being served with curbside recycling and green waste collection.
Source: BAAQMD 2019.	

In summary, the project would not conflict with any applicable measures under the 2017 Clean Air Plan after the implementation of MM AIR-1. MM AIR-1 requires the use of BAAQMD-recommended BMPs to reduce fugitive dust emissions during construction of the project. The project would be consistent with Criterion 2 after incorporation of mitigation.

Criterion 3

The project will not preclude extension of a transit line or bike path, propose excessive parking beyond parking requirements, or otherwise create an impediment or disruption to implementation of any AQP control measures. As shown in Table 3 above, the project would incorporate several AQP control measures as project design features. The project is therefore consistent with Criterion 3.

Summary

As addressed above, the project would be consistent with all three criteria after the incorporation of MM AIR-1. Thus, the project would not conflict with the 2017 Clean Air Plan. Therefore, impacts associated with conflicting with or obstructing implementation of the 2017 Clean Air Plan would be less than significant with mitigation.

b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or State ambient air quality standard?

Less than significant impact with mitigation incorporated. This impact is related to the cumulative effect of a project's regional criteria pollutant emissions. As discussed in Impact 3(a), the region is non-attainment for the federal and State ozone standards, the State PM_{10} standards, and the federal and State $PM_{2.5}$ standards. Potential impacts would result in exceedances of State or federal standards for oxides of nitrogen (NO_X) or particulate matter (PM_{10} and $PM_{2.5}$). NO_X emissions are of concern because of potential health impacts from exposure to NO_X emissions during both construction and operation and as a precursor in the formation of airborne ozone. PM_{10} and $PM_{2.5}$ are of concern during construction because of the potential to emit exhaust emissions from the operation of off-road construction equipment and fugitive dust during earth-disturbing activities (construction fugitive dust).

Reactive Organic Gas (ROG) emissions are also important because of their participation in the formation of airborne ozone. Ozone is a respiratory irritant and an oxidant that increases susceptibility to respiratory infections and that can cause substantial damage to vegetation and other materials. Elevated ozone concentrations result in reduced lung function, particularly during vigorous physical activity. This health problem is particularly acute in sensitive receptors such as the sick, elderly, and young children.

By its nature, air pollution is largely a cumulative impact resulting from emissions generated over a large geographic region. The nonattainment status of regional pollutants is a result of past and present development within the air basin, and this regional impact is a cumulative impact. In other words, new development projects (such as the proposed project) within the air basin would contribute to this impact only on a cumulative basis. No single project would be sufficient in size, by itself, to result in nonattainment of regional air quality standards. Instead, a project's emissions may be individually limited, but cumulatively considerable when taken in combination with past, present, and future development projects.

The cumulative analysis focuses on whether a specific project would result in cumulatively considerable emissions. According to Section 15064(h)(4) of the CEQA Guidelines, the existence of

significant cumulative impacts caused by other projects alone does not constitute substantial evidence that the project's incremental effects would be cumulatively considerable. Rather, the determination of cumulative air quality impacts for construction and operational emissions is based on whether the project would result in regional emissions that exceed the BAAQMD regional thresholds of significance for construction and operations on a project level. The thresholds of significance represent the allowable amount of emissions each project can generate without generating a cumulatively considerable contribution to regional air quality impacts. Therefore, a project that would not exceed the BAAQMD thresholds of significance on the project level also would not be considered to result in a cumulatively considerable contribution to these regional air quality impacts.

The project's construction and operational emissions, which include both on- and off-site emissions, are evaluated separately below. Construction and operational emissions from the project were estimated using the CalEEMod version 2016.3.2. A detailed description of the assumptions used to estimate emissions and the complete CalEEMod output files are contained in Appendix B.

Construction Emissions

During construction, fugitive dust would be generated from site grading and other earth-moving activities. The majority of this fugitive dust would remain localized and would be deposited near the project site. However, the potential for impacts from fugitive dust exists unless control measures are implemented to reduce the emissions from this source. Exhaust emissions would also be generated from the operation of the off-road construction equipment and vehicles traveling to and from the project site.

Construction Fugitive Dust

The BAAQMD does not recommend a numerical threshold for fugitive dust particulate matter emissions. Instead, the BAAQMD bases the determination of significance for fugitive dust on a consideration of the control measures to be implemented. If all appropriate emissions control measures are implemented for a project as recommended by the BAAQMD, then fugitive dust emissions during construction are not considered significant. During construction activities, the air pollution control measures, as outlined in MM AIR-1, shall be implemented to reduce fugitive dust during construction of the project. With incorporation of this condition, short-term construction impacts associated with the generation of fugitive dust would be less than significant.

Construction Air Pollutant Emissions: ROG, NO_X, PM_{10}, $PM_{2.5}$

As previously discussed, CalEEMod version 2016.3.2 was used to estimate the project's construction emissions. CalEEMod provides a consistent platform for estimating construction and operational emissions from a wide variety of land use projects and is the model recommended by the BAAQMD for estimating project emissions. Estimated construction emissions are compared with the applicable thresholds of significance established by the BAAQMD to assess ROG, NO_X, exhaust PM_{10}, and exhaust $PM_{2.5}$ construction emissions to determine significance for this criterion.

For the purpose of this analysis, construction of the project was assumed to begin in March 2020 and conclude in December 2022. The project is anticipated to be built in a single phase, with earth-moving activities occurring for the entire site at once. If the construction schedule moves to later years,

construction emissions would likely decrease because of improvements in technology and more stringent regulatory requirements. The preliminary construction schedule is provided in Table 4.

Table 4: Conceptual Construction Schedule

Construction Activity	Conceptual Construction Schedule		Working Days Per Week	Total Working Days
	Start Date	End Date		
Demolition	5/1/2020	5/28/2020	5	20
Site Preparation	5/29/2020	6/11/2020	5	10
Grading	6/12/2020	7/9/2020	5	20
Paving	7/10/2020	8/6/2020	5	20
Building Construction	8/7/2020	11/3/2022	5	585
Architectural Coating	11/4/2022	12/1/2022	5	20

Note:
The Conceptual Construction Schedule was developed using default assumptions from CalEEMod. If construction occurred more than 5 days per week (i.e., 6 days), it would not change the values shown in Table 5 or Table 6, as these tables present maximum annual or daily emissions, respectively.
Source: Appendix B.

The CalEEMod default schedule was extended by 355 days to match the anticipated construction schedule provided by the project applicant. Because the expected schedule and the default schedule differ, the equipment in the building construction phase was adjusted to retain the default horsepower-hours. The duration of construction activity and associated equipment represent a reasonable approximation of the expected construction fleet as required by CEQA Guidelines.

The calculations of pollutant emissions from the construction equipment account for the type of equipment, horsepower and load factors of the equipment, along with the duration of use. Annual exhaust emissions are shown in Table 5. Average daily construction emissions are compared with the significance thresholds in Table 6.

Table 5: Annual Construction Emissions (Unmitigated)

Construction Year	Tons/Year			
	ROG	NO_X	PM_{10} (Exhaust)	$PM_{2.5}$ (Exhaust)
2020 Total Construction Emissions	0.17	2.11	0.07	0.07
2021 Total Construction Emissions	0.12	1.10	0.05	0.05
2022 Total Construction Emissions	1.01	0.85	0.04	0.03
Total Construction Emissions	**1.30**	**4.05**	**0.16**	**0.15**

Notes:
ROG = reactive organic gases NO_X = oxides of nitrogen
PM_{10} = particulate matter 10 microns in diameter
$PM_{2.5}$ = particulate matter 2.5 microns in diameter
Calculations use unrounded numbers.
Source: CalEEMod Output (see Appendix B).

Table 6: Construction Emissions (Unmitigated Average Daily Rate)

Parameter	Air Pollutants			
	ROG	NO_X	PM_{10} (Exhaust)	$PM_{2.5}$ (Exhaust)
Total Emissions (tons/year)	1.30	4.05	0.16	0.15
Total Emissions (lbs/year)	2,595	8,110	323	302
Average Daily Emissions (lbs/day)[1]	3.84	12.01	0.48	0.45
Significance Threshold (lbs/day)	**54**	**54**	**82**	**54**
Exceeds Significance Threshold?	No	No	No	No

Notes:
[1] Calculated by dividing the total number of pounds by the total 675 working days of construction for the duration of construction (2020-2022).
Calculations use unrounded totals.
lbs = pounds ROG = reactive organic gases NO_X = oxides of nitrogen
PM_{10} = particulate matter 10 microns in diameter
$PM_{2.5}$ = particulate matter 2.5 microns in diameter
Source of thresholds: BAAQMD 2017
Source of emissions: CalEEMod Output (see Appendix B).

As shown in Table 6, the construction emissions from all construction activities are below the recommended thresholds of significance; therefore, the construction of the project would have less than significant impact in regards to emissions of ROG, NO_X, exhaust PM_{10}, and exhaust $PM_{2.5}$. As previously discussed, the project would implement MM AIR-1 with BMPs recommended by the BAAQMD to reduce potential impacts related to fugitive dust emissions from use of the construction equipment. Therefore, project construction would have a less than significant cumulative impact after implementation of mitigation.

Operational Emissions

Operational Air Pollutant Emissions: ROG, NO_X, PM_{10}, $PM_{2.5}$

As previously discussed, the pollutants of concern include ROG, NO_X, PM_{10}, and $PM_{2.5}$. The project operational emissions for the respective pollutants were calculated using CalEEMod version 2016.3.2. As previously discussed, construction and operation of the project is anticipated to overlap. Earliest occupancy is expected to begin in 2021, while full buildout is expected to occur in 2022. Operational emissions were estimated for the year 2022, which is the earliest year when all home could be occupied. For reasons previously discussed, the BAAQMD Criteria Air Pollutant Significance thresholds were used. The estimated annual emissions from project operations are presented in Table 7and maximum daily emissions are presented in Table 8.

Table 7: Annual Operational Emissions (Unmitigated)

Emissions Source	Tons per Year			
	ROG	NO_X	PM_{10}	$PM_{2.5}$
Area	0.61	0.01	0.00	0.00
Energy	0.01	0.08	0.01	0.01
Mobile (Motor Vehicles)	0.15	0.67	0.51	0.14
Estimated Annual Emissions	**0.77**	**0.76**	**0.52**	**0.15**
Thresholds of Significance	**10**	**10**	**15**	**10**
Exceeds Significance Threshold?	No	No	No	No

Notes:
ROG = reactive organic gases NO_X = oxides of nitrogen
PM_{10} = particulate matter 10 microns or less in diameter
$PM_{2.5}$ = particulate matter 2.5 microns or less in diameter
Source: CalEEMod output (see Appendix B).

Table 8: Daily Operational Emissions (Unmitigated)

Emissions Source	Pounds per Day			
	ROG	NO_X	PM_{10}	$PM_{2.5}$
Area	3.47	0.37	0.05	0.05
Energy	0.05	0.46	0.04	0.04
Mobile (Motor Vehicles)	0.98	3.84	2.98	0.81
Estimated Daily Emissions	**4.51**	**4.67**	**3.07**	**0.91**
Thresholds of Significance	**54**	**54**	**82**	**54**
Exceeds Significance Threshold?	No	No	No	No

Notes:
ROG = reactive organic gases NO_X = nitrous oxides
PM_{10} = particulate matter 10 microns or less in diameter
$PM_{2.5}$ = particulate matter 2.5 microns or less in diameter
The highest daily project emissions occurred in the winter run for NO_X, PM_{10}, and $PM_{2.5}$. The highest ROG emissions occurred in the summer run.
Calculations use unrounded results.
Source: CalEEMod output (see Appendix B).

As shown in Table 7 and Table 8, the project would not result in operational-related air pollutants or precursors that would exceed BAAQMD's thresholds of significance, indicating that ongoing project operations would not be considered to have the potential to generate a significant quantity of air pollutants. Therefore, project operations would have a less than significant cumulative impact.

c) Expose sensitive receptors to substantial pollutant concentrations?

Less than significant impact with mitigation incorporated. A sensitive receptor is defined by the BAAQMD as the following: "Facilities or land uses that include members of the population that are particularly sensitive to the effects of air pollutants, such as children, the elderly, and people with illnesses. Examples include schools, hospitals, and residential areas."

As a residential development project, the project itself would be considered a sensitive receptor once operational. The project grading activities and site preparation activities that would generate the greatest amount of emissions during construction would not overlap with project operation. Most emissions during construction are generated during the site preparation and grading phases when heavy equipment is used to prepare the land for construction. Earliest home occupancy is expected to occur in July 2021. Therefore, operations of the proposed single-family homes could overlap with construction activities that would occur from July 2021 to December 2022, when little or no grading would occur. Construction activities during this time would primarily include home building, paving, and landscaping. Limited amounts of diesel equipment are used during home construction, which would not contribute substantially to the health risk during construction. Therefore, for the purposes of the health risk assessment, sensitive receptors associated with proposed residences and park were not included as part of the construction health risk assessment. The closest non-project sensitive receptors in the vicinity of the project site include single-family residential buildings located to north, east, south, and west of the project site. The closest existing residence is located approximately 20 feet east of the project site.

The following five criteria were applied to determine the significance of project emissions to sensitive receptors:

- **Criterion 1:** Construction of the project would not result in an exceedance of asbestos exposure.
- **Criterion 2:** Construction of the project would not result in an exceedance of the health risk significance thresholds.
- **Criterion 3:** A carbon monoxide (CO) hotspot assessment must demonstrate that the project would not result in the development of a CO hotspot that would cause an exceedance of the CO ambient air quality standards.
- **Criterion 4:** Operation of the project would not result in an exceedance of the health risk significance thresholds.
- **Criterion 5:** The cumulative health impact would not result in an exceedance of the cumulative health risk significance thresholds.

Criterion 1: Naturally Occurring Asbestos

Construction in areas of rock formations that contain naturally occurring asbestos could release asbestos in to the air and pose a health hazard. A review of the map containing areas more likely to have rock formations containing naturally occurring asbestos in California indicates that there are no

areas likely containing naturally occurring asbestos within 1 mile of the project site (USGS 2011). Therefore, it can be reasonably concluded that the project would not expose sensitive receptors to naturally occurring asbestos during project construction. Impacts would be less than significant.

Criterion 2: Project Construction Toxic Air Pollutants

An assessment was made of the potential health impacts to surrounding sensitive receptors resulting from the emissions of Toxic Air Contaminants (TACs) during construction. A summary of the assessment is provided below, while the detailed assessment is provided in Appendix B of this IS/MND.

Diesel particulate matter (DPM) has been identified by the California Air Resources Board (ARB) as a carcinogenic substance. Major sources of DPM include off-road construction equipment and heavy-duty delivery truck and worker activities. For purposes of this analysis, DPM is represented as exhaust emissions of $PM_{2.5}$.

Estimation of Construction DPM Emissions

Construction DPM emissions (as $PM_{2.5}$ exhaust) were estimated using CalEEMod version 2016.3.2, as described under the discussion for Impact 3b. Construction was assumed to occur last for approximately 2.6 years. The construction DPM emissions were assumed to be distributed over the project area with a working schedule of 8 hours per day and 5 days per week.

Based on the analysis presented in this section, emissions were estimated for the unmitigated scenario (CalEEMod default offroad fleet mix) and a scenario with clean engines (Tier IV Interim mitigated). Equipment tiers refer to a generation of emission standards established by the EPA and ARB that apply to diesel engines in off-road equipment. The "tier" of an engine depends on the model year and horsepower rating; generally, the newer a piece of equipment is, the greater the tier it is likely to have. Excluding engines greater than 750 horsepower, Tier 1 engines were manufactured generally between 1996 and 2003. Since Tier 1 emission standards were established by the EPA in 1994, increasingly more stringent Tier 2, Tier 3, and Tier 4 (interim and final) standards were adopted by EPA, as well as by ARB. Construction exhaust emissions of DPM, both unmitigated and Tier IV Interim mitigated, are shown in Table 9.

Table 9: Project DPM Construction Emissions

Construction Scenario and Construction Year	Area-source DPM as $PM_{2.5}$ Exhaust (tons/year)	Off-site DPM as $PM_{2.5}$ Exhaust (tons/year)
Annual Construction Emissions (Unmitigated)		
2020	6.623E-02	1.055E-04
2021	4.710E-02	4.592E-05
2022	3.412E-02	3.374E-05
Annual Construction Emissions (Tier IV Interim Mitigated)		
2020	4.400E-03	1.055E-04
2021	5.850E-03	4.592E-05

Table 9 (cont.): Project DPM Construction Emissions

Construction Scenario and Construction Year	Area-source DPM as $PM_{2.5}$ Exhaust (tons/year)	Off-site DPM as $PM_{2.5}$ Exhaust (tons/year)
2022	4.500E-03	3.374E-05
Source: CalEEMod Output and FCS (see Appendix B)		

Estimation of Cancer Risks

The BAAQMD has developed a set of guidelines for estimating cancer risks that provide adjustment factors that emphasize the increased sensitivities and susceptibility of young children to exposures to TACs (BAAQMD 2016). These adjustment factors include age-sensitivity weighting factors, age-specific daily breathing rates, and age-specific time-at-home factors. The recommended method for the estimation of cancer risk is shown in the equations below with the cancer risk adjustment factors provided in Table 10 for several types of sensitive/residential receptors (infant, child, and adult).

$$\text{Cancer Risk} = C_{DPM} \times \text{Inhalation Exposure Factor} \qquad \text{(EQ-1)}$$

Where:

Cancer Risk = Total individual excess cancer risk defined as the cancer risk a hypothetical individual faces if exposed to carcinogenic emissions from a particular source for specified exposure durations; this risk is defined as an excess risk because it is above and beyond the background cancer risk to the population; cancer risk is expressed in terms of risk per million exposed individuals.

C_{DPM} = Period average DPM air concentration calculated from the air dispersion model in micrograms per cubic meter (micrograms per cubic meter [$\mu g/m^3$])

Inhalation is the most important exposure pathway to impact human health from DPM and the inhalation exposure factor is defined as follows:

$$\text{Inhalation Exposure Factor} = \text{CPF} \times \text{EF} \times \text{ED} \times \text{DBR} \times \text{AAF/AT} \qquad \text{(EQ-2)}$$

Where:

CPF = Inhalation cancer potency factor for the TAC: 1.1 (mg/kg-day)-1 for DPM
EF = Exposure frequency (days/year)
ED = Exposure duration (years of construction)
AAF = set of age-specific adjustment factors that include age sensitivity factors (ASF), daily breathing rates (DBR), and time at home factors (TAH)—see Table 10.
AT = Averaging time period over which exposure is averaged (days)

The California Office of Environmental Health Hazards Assessment (OEHHA)-recommended values for the various cancer risk parameters, shown in EQ 2, above, are provided in Table 10.

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Table 10: Exposure Assumptions for Cancer Risk

Receptor Type	Exposure Frequency		Exposure Duration (years)	Age Sensitivity Factors (ASF)	Time at Home Factor (TAH) (%)	Daily Breathing Rate (DBR)[1] (L/kg-day)
	Hours/day	Days/year				
Sensitive/Residential—Infant						
3rd Trimester	24	350	0.25	10	85	361
0 to <2 years	24	350	2	10	85	1,090
2 to <3 years	24	350	0.34	3	72	572
Sensitive Receptor—Child						
3 to 16 years	24	350	2.59	3	72	572
Sensitive Receptor—Adult						
> 16 years	24	350	2.59	1	73	261

Notes:
[1] The daily breathing rates recommended by the BAAQMD for sensitive/residential receptors assume the 95th percentile breathing rates for all individuals less than 2 years of age and 80th percentile breathing rates for all older individuals.
(L/kg-day) = liters per kilogram body weight per day
Source: BAAQMD 2016. Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines. Website: http://www.baaqmd.gov/~/media/files/planning-and-research/rules-and-regs/workshops/2016/reg-2-5/hra-guidelines_clean_jan_2016-pdf.pdf?la=en.

Estimation of Non-Cancer Chronic Hazards

An evaluation of the potential non-cancer effects of chronic chemical exposures was also conducted. Adverse health effects are evaluated by comparing the annual receptor concentration of each chemical compound with the appropriate reference exposure level (REL). Available RELs promulgated by the OEHHA were considered in the assessment.

Risk characterization for non-cancer health hazards from TACs is expressed as a hazard index (HI). The HI is a ratio of the predicted concentration of the project's emissions to a concentration considered acceptable to public health professionals, termed the REL.

To quantify non-carcinogenic impacts, the hazard index approach was used.

$$HI = C_{ann}/REL \qquad (EQ\text{-}3)$$

Where:

HI = chronic hazard index
C_{ann} = annual average concentration of TAC as derived from the air dispersion model ($\mu g/m^3$)
REL = reference exposure level above which a significant impact is assumed to occur ($\mu g/m^3$)

The HI assumes that chronic sub-threshold exposures adversely affect a specific organ or organ system (toxicological endpoint). For each discrete chemical exposure, target organs presented in regulatory guidance were used. To calculate the HI, each chemical concentration or dose is divided

by the appropriate toxicity reference exposure level. For compounds affecting the same toxicological endpoint, this ratio is summed. Where the total equals or exceeds 1, a health hazard is presumed to exist. For purposes of this assessment, the TAC of concern is DPM for which the OEHHA has defined a REL for DPM of 5 µg/m^3. The principal toxicological endpoint assumed in this assessment was through inhalation.

Estimation of Health Risks and Hazards from Project Construction

The estimated health and hazard impacts at the maximum impacted sensitive receptor (MIR) from the project's construction emissions are provided in Table 11. The MIR was determined to be an existing single-family home located approximately 20 feet east of the project site.

Table 11: Estimated Health Risks and Hazards during Project Construction

Health Impact Metric	Cancer Risk (risk per million)	Chronic Non-Cancer Hazard Index[(2)]	Annual $PM_{2.5}$ Concentration (µg/m^3)
Risks and Hazards at the MIR[(1)]			
Risks and Hazards at the MIR: Infant	16.8	0.01	0.07
Risks and Hazards at the MIR: Child	2.7	0.01	0.07
Risks and Hazards at the MIR: Adult	0.4	0.01	0.07
BAAQMD Thresholds of Significance	**10**	**1**	**0.30**
Exceeds Individual Source Threshold?	**Yes**	**No**	**No**

Notes:
MIR = Maximum Impacted Sensitive Receptor
1 The MIR was found at an existing single-family home located approximately 20 feet east of the project site.
2 Chronic non-cancer hazard index was estimated by dividing the annual DPM concentration (as $PM_{2.5}$ exhaust) by the REL of 5 µg/m^3.
Source: Appendix B.

As shown above in Table 11, the non-cancer hazard index and $PM_{2.5}$ impacts at the MIR would not exceed the BAAQMD's recommended thresholds of significance; however, cancer risks for infants at the MIR would exceed the BAAQMD's recommended threshold of significance for cancer risk. Therefore, mitigation is required to reduce potential impacts to nearby sensitive receptors from project construction.

MM AIR-2 would require that all off-road construction equipment in excess of 50 horsepower used on-site by the developer or contractors be equipped with engines meeting the EPA Tier IV Interim off-road engine emission standards. This would reduce cancer risks and hazards associated with construction emissions. Table 12 summarizes the project's estimated cancer risks and hazard impacts at the MIR from the project's construction emissions with the application of Tier IV Interim mitigation.

Table 12: Estimated Health Risks and Hazards During Construction—Tier IV Interim Mitigation

Health Impact Metric	Cancer Risk (risk per million)	Chronic Non-Cancer Hazard Index[2]	Annual $PM_{2.5}$ Concentration ($\mu g/m^3$)
Risks and Hazards at the MIR[1]			
Risks and Hazards at the MIR: Infants	1.7	0.001	0.02
Risks and Hazards at the MIR: Child	0.3	0.001	0.02
Risks and Hazards at the MIR: Adult	0.04	0.001	0.02
BAAQMD Thresholds of Significance	**10**	**1**	**0.30**
Exceeds Individual Source Threshold?	**No**	**No**	**No**

Notes:
MIR = Maximum Impacted Sensitive Receptor
[1] The MIR was found at an existing single-family home located approximately 20 feet east of the project site.
[2] Chronic non-cancer hazard index was estimated by dividing the annual DPM concentration (as $PM_{2.5}$ exhaust) by the REL of 5 µg/m3.
Source: Appendix B.

As noted in Table 12, the project's construction emissions would not exceed the BAAQMD's significance threshold at the MIR after implementation of MM AIR-2. Therefore, with implementation of Tier IV Interim mitigation, the project's construction emissions would not result in significant health impacts to nearby sensitive receptors during the construction period.

Criterion 3: Operational CO Hotspot

The CO emissions from traffic generated by the project are a concern at the local level. Congested intersections can result in high, localized concentrations of CO.

The BAAQMD recommends a screening analysis to determine if a project has the potential to contribute to a CO hotspot. The screening criteria identify when site-specific CO dispersion modeling is necessary. The project would result in a less than significant impact to air quality for local CO if any of the following screening criteria are met:

- The project is consistent with an applicable congestion management program established by the county congestion management agency for designated roads or highways, regional transportation plan, and local congestion management agency plans; or
- The project traffic would not increase traffic volumes at affected intersections to more than 44,000 vehicles per hour; or
- The project traffic would not increase traffic volumes at affected intersections to more than 24,000 vehicles per hour where vertical and/or horizontal mixing is substantially limited (e.g., tunnel, parking garage, bridge underpass, natural or urban street canyon, below-grade roadway).

As indicated in Section 17, Transportation, the project would not conflict with any program plan, including the applicable congestion management plan. No intersections impacted by the project would experience traffic volumes of 44,000 vehicles per hour. According to the traffic impact analysis prepared for the project by TJKM (2019), the intersection of Live Oak Avenue and Main Street would experience the highest peak-hour traffic volumes among the intersections impacted by the project with 2,965 vehicles per hour during the PM peak-hour for the Background Plus Project Scenario (Appendix F). Furthermore, the adjacent roadways are not located in an area where vertical or horizontal atmospheric mixing is substantially limited. Therefore, based on the above criteria, the project would not exceed the CO screening criteria and would have a less than significant impact related to CO.

Criterion 4: Project-Specific Operation Toxic Air Pollutants

The project proposes to develop 63 single-family residential units on the project site and would not have on-site sources of TACs during operation. As described in the project-specific traffic impact analysis (TJKM 2019), the project is expected to generate an increase of 595 daily vehicle trips. The proposed project would primarily generate trips for residents and visitors traveling to and from the project site. The daily travel trips to and from the project site would primarily be generated by passenger vehicles. Because nearly all passenger vehicles are gasoline-combusted, the project would not generate a significant amount of DPM emissions during operation. Therefore, the project would not result in significant health impacts to nearby sensitive receptors during operation.

Criterion 5: Cumulative Health Risk Assessment

The BAAQMD recommends assessing the potential cumulative impacts from sources of TACs within 1,000 feet of a project. As a result, a cumulative health risk assessment was performed that examined the cumulative impacts of the project's construction emissions and sources of TAC emissions within 1,000 feet of the project. Based on proximity to the project site and the results of the construction health risk assessment, the MIR was determined to be an existing single-family home located approximately 20 feet east of the project site. For a project-level analysis, BAAQMD provides three tools for use in screening potential sources of TACs. These tools are:

- **Surface Street Screening Tables.** BAAQMD pre-calculated potential cancer risks and $PM_{2.5}$ concentration increases for each county within their jurisdiction for roadways that meet BAAQMD's "major roadway" criteria of 10,000 vehicles or 1,000 trucks per day. Risks are assessed by roadway volume, roadway direction, and distance to sensitive receptors. Oakley Road bounds the project site to the north and is estimated to support approximately 39,600 vehicle trips per day.
- **Freeway Screening Analysis Tool**. BAAQMD prepared a Google Earth file that contains pre-estimated cancer risk, hazard index, and $PM_{2.5}$ concentration increases for highways within the Bay Area. Risks are provided by roadway link and are estimated based on direction and distance to the sensitive receptor. There are no major freeways located within 1,000 feet of the project site.
- **Stationary Source Risk and Hazard Screening Tool**. BAAQMD prepared a Google Earth file that contains the locations of all stationary sources within the Bay Area that have BAAQMD

permits. For each emissions source, BAAQMD provides conservative estimates of cancer risk, non-cancer hazards, and $PM_{2.5}$ concentrations. Applying this screening tool indicated that there are no stationary sources located within the 1,000 feet radius from the project site.

The cumulative health risk results are summarized in Table 13 during project construction at the MIR.

Table 13: Summary of the Cumulative Health Impacts at the MIR during Construction

Source	Source Type	Distance from MIR[1] (feet)	Cancer Risk (per million)	Chronic HI	$PM_{2.5}$ Concentration ($\mu g/m^3$)
Project					
Construction	Diesel Construction Equipment (Unmitigated)	20	16.8	0.01	0.07
Major Roadways					
Main Street	Local Roads	373	2.93	NA	0.074
Cumulative Health Risks					
Cumulative Total with Project Construction **BAAQMD's Cumulative Thresholds of Significance** **Threshold Exceedance?**			**19.73** **100** **No**	**0.01** **10** **No**	**0.144** **0.8** **No**

Notes:
MIR = Maximum Impacted Sensitive Receptor
NA = no data available
[1] The MIR was found at an existing single-family home located approximately 20 feet east of the project site.
Source: Appendix B.

As noted in Table 13, the cumulative impacts from the project construction and existing sources of TACs would be less than the BAAQMD's cumulative thresholds of significance at the MIR. Thus, the cumulative health risk impacts from project construction would be less than significant.

d) Result in other emission (such as those leading to odors) adversely affecting a substantial number of people?

Less than significant impact. As stated in the BAAQMD 2017 CEQA Air Quality Guidelines, odors are generally regarded as an annoyance rather than a health hazard and the ability to detect odors varies considerably among the populations and overall is subjective.

The BAAQMD does not have a recommended odor threshold for construction activities. However, BAAQMD recommends screening criteria that are based on distance between types of sources known to generate odor and the receptor. For projects within the screening distances, the BAAQMD has the following threshold for project operations:

> An odor source with five (5) or more confirmed complaints per year averaged over three years is considered to have a significant impact on receptors within the screening distance shown in Table 3-3 [of the BAAQMD's guidance].

Two circumstances have the potential to cause odor impacts:

1) A source of odors is proposed to be located near existing or planned sensitive receptors, or
2) A sensitive receptor land use is proposed near an existing or planned source of odor.

Projects that would site an odor source or a receptor farther than the applicable screening distance, shown in Table 14 below, would not likely result in a significant odor impact.

Table 14: Odor Screening Distances

Land Use/Type of Operation	Project Screening Distance
Wastewater Treatment Plant	2 miles
Wastewater Pumping Facilities	1 mile
Sanitary Landfill	2 miles
Transfer Station	1 mile
Composting Facility	1 mile
Petroleum Refinery	2 miles
Asphalt Batch Plant	2 miles
Chemical Manufacturing	2 miles
Fiberglass Manufacturing	1 mile
Painting/Coating Operations	1 mile
Rendering Plant	2 miles
Coffee Roaster	1 mile
Food Processing Facility	1 mile
Confined Animal Facility/Feed Lot/Dairy	1 mile
Green Waste and Recycling Operations	1 mile
Source: BAAQMD 2017.	

Project Construction

Odors from diesel exhaust, architectural coatings, and asphalt paving, which are objectionable to some, would be emitted during construction of the project; however, emissions would be temporary and would disperse rapidly from the project site. Therefore, construction of the proposed project would not create objectionable odors affecting a substantial number of people. As such, impacts would be less than significant.

Project Operation

Operational-related Odors

The proposed project would develop 63 single-family residences, a bioretention basin, and an internal roadway network. None of the proposed uses are major odor-generating land uses. Land uses typically

associated with odors include wastewater treatment facilities, waste-disposal facilities, agricultural operations, and other sources shown above in Table 14. Minor sources of odors, such as exhaust from mobile sources, are not typically associated with numerous odor complaints, but are known to have temporary and less concentrated odors. During long-term operation of the project, odors would primarily consist of passenger vehicles traveling to and from the site. These occurrences would not produce objectionable odors affecting a substantial number of people; therefore, operational impacts associated with the project's potential to create odors would be less than significant.

The Project as a Sensitive Receptor

As a residential project, the project has the potential to place sensitive receptors near existing odor sources. The project site is located within the project screening distances for several potential source of odor, as defined in Table 14. Public record requests were filed with the BAAQMD to obtain the most recent 3-year odor compliant history for the potential odor generators within the vicinity of the project site; the information obtained from the public record requests is summarized in Table 15.

Table 15: Summary of Odor Compliant Records

Name of Facility	Location	Land Use/Type of Operation	Number of Complaints Over Most Recent 3-year Period[1]	Average Number of Complaints per Year	Distance From the Project Site
Ironhouse Sanitary District	450 Walnut Meadows Drive, Oakley, CA 94561	Wastewater Treatment Plant	1	<1	1.8 miles east of the project site
Oakley Collision Center	5289 Neroly Road, Oakley, CA 94561	Painting/Coating Operations	0	0	0.7 mile northwest of the project site
Oakley Disposal Services	85 Carol Lane, Oakley, CA 94561	Green Waste and Recycling Operations	0	0	0.3 mile northeast of the project site
G E Sales & Rentals	1371 Main Street, Oakley, CA 94561	Green Waste and Recycling Operations	0	0	0.4 mile northwest of the project site
Delta Scrap and Salvage	1371 Main Street, Oakley, CA 94561	Green Waste and Recycling Operations	0	0	0.4 mile northwest of the project site
Severed Metal Fabrication and Powder Coating	1315 Main Street, Oakley, CA 94561	Metal Smelting Plants	0	0	0.5 mile northwest of the project site
A-1 Metal Fabrication	3275 East 18th Street, Antioch, CA 94509	Metal Smelting Plants	0	0	0.7 mile west of the project site

Note:
[1] December 2015–December 2018

Based on the responses from the BAAQMD Public Records Section, none of the potential sources of odor creates odors affecting a substantial number of people. The Ironhouse Sanitary District received one odor compliant during the most recent 3-year period, while the other facilities within the project distances had not received any complaints during the same period. In summary, there was less than one compliant per year based on the odor complaints filed for facilities within the screening distances of the project site average over the most recent 3-year period. This does not exceed the applicable threshold of five confirmed complaints averaged over a 3-year period. Furthermore, there are existing residential uses located between the project site and the Ironhouse Sanitary District. For all facilities outlined in Table 15, there are existing residential uses located closer to each facility than the proposed project. Considering all of the information, the uses in the vicinity of the project would not cause substantial odor impacts to the project.

Mitigation Measures

MM AIR-1 During construction activities, the following air pollution control measures shall be implemented:

- Exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered 2 times per day.
- All haul trucks transporting soil, sand, or other loose material off-site shall be covered.
- All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
- All roadways, driveways, and sidewalks shall be paved as soon as possible.
- Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.
- All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified visible emissions evaluator.
- A publicly visible sign shall be posted with the telephone number and person to contact at the City regarding dust complaints. This person shall respond and take corrective action within 48 hours of a complaint or issue notification. The BAAQMD's phone number shall also be visible to ensure compliance with applicable regulations.

MM AIR-2 During construction activities, all off-road equipment with engines greater than 50 horsepower shall meet either the EPA or ARB Tier IV Interim off-road emission standards. The construction contractor shall maintain records concerning its efforts to comply with this requirement, including equipment lists. Off-road equipment descriptions and information may include but are not limited to equipment type,

equipment manufacturer, equipment identification number, engine model year, engine certification (Tier rating), horsepower, and engine serial number.

If engines that comply with Tier IV Interim off-road emission standards are not commercially available, then the construction contractor shall use the next cleanest piece of off-road equipment (e.g., Tier III) available. For purposes of this mitigation measure, "commercially available" shall mean the availability of Tier IV Interim engines taking into consideration factors such as critical-path timing of construction and geographic proximity to the project site of equipment. The contractor can maintain records for equipment that is not commercial available by providing letters from at least two rental companies for each piece of off-road equipment where the Tier IV Interim engine is not available.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
4. Biological Resources *Would the project:*				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☐	☒
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of wildlife nursery sites?	☐	☐	☐	☒
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☒	☐
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☒	☐	☐

The section provided below evaluates potential effects on biological resources that may result from project implementation. The analysis is based on a site visit by FCS Biologist, Robert Carroll, on December 20, 2018. In addition, descriptions and analysis in this section are based on results from the California Department of Fish and Wildlife' (CDFW') California Natural Diversity Database (CNDDB) and the United States Fish and Wildlife Service (USFWS) database searches. The studies are provided in their entirety in Appendix C.

The approximately 9.87-acre site contains relatively flat topography with slightly rolling hills throughout. The vast majority of the project site consists of vineyards and ruderal grasses. There is a small building on-site that is surrounded by several mature ornamental trees and a mature pine tree (*Pinus* spp.). The majority of the property is bound by fencing except for a small portion on the

northern border of the site. Various species of ruderal grasses, such as yellow star thistle (*Centaurea solstitialis*), wild oat (*Avena fatua*), and dandelion (*Taraxacum* spp.) are present along the borders of the project site. The entire project site displays signs of high disturbance and development and lacks any natural or sensitive habitats. The species observed on-site were all species of birds commonly found in urban areas, such as California scrub jay (*Aphelocoma californica*), rock pigeon (*Columba livia*), and mourning dove (*Zenaida macroura*). There are four man-made bird boxes on the site. There are no jurisdictional features or riparian areas on-site. The site is within the East Contra Costa County Natural Community Conservation Plan/Habitat Conservation Plan (NCCP/HCP) and as such, will have to abide by all necessary regulations set forth by the Plan.

Environmental Evaluation

Would the project:

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

Less than significant impact with mitigation incorporated. For the purpose of this analysis, special-status species refers to all species formally listed as threatened and/or endangered under the Federal Endangered Species Act (FESA) or the California Endangered Species Act (CESA); California Species of Special Concern; designated as Fully Protected by the CDFW; given a rank of 1A (plants presumed extinct in California), 1B (plants rare, threatened, or endangered in California and elsewhere), 2 (plants rare, threatened, or endangered in California, but more numerous elsewhere), 3 (plants about which more information is needed, "a review list") or 4 (plants of limited distribution, "a watch list") by the California Native Plant Society (CNPS);[4] or designated as special-status by city, county, or other regional planning documents. Federal and State listed threatened and/or endangered species are legally protected under FESA/CESA. The designated special-status species listed by the CNPS have no direct legal protection, but require an analysis of the significance of potential impacts under CEQA Guidelines.

Special-status plant and wildlife species typically occur in undeveloped areas. Although it is less likely, it is also possible for them to occur within developed areas. The project site contains characteristics of land that has been developed or disturbed, including disturbed soils, planted vineyards, and buildings present on-site. Thirteen special-status plant species and 10 special-status wildlife species were evaluated for their potential to occur on the project site, based on their ecology and regional occurrences within USGS Brentwood, California 7.5 minute quadrangle. Potential impacts occurring to special-status species, if they were found on-site, would likely be significant.

Special-Status Plant Species Potentially Occurring within the Project Site

Thirteen special status plant species have been recorded with the potential to occur within the project site based on CNDDB and CNPS database searches, but due to the high level of grading and

[4] All plants appearing on CNPS List 1 or 2 are considered to meet the CEQA Guidelines Section 15830 criteria. While only some of the plants ranked 3 and 4 meet the definitions of threatened or endangered species. The CNPS recommends that all Rank 3 and Rank 4 plants be evaluated for consideration under CEQA.

disturbance experienced at the project site, none are expected to occur on-site and no mitigation measures are recommended. A plant's potential to occur on the project site was based on the presence of suitable habitats, soil types, and occurrences recorded by the USFWS, CNPS or CNDDB within the Brentwood quadrangle, and field observations made during the December 20, 2018, site survey by FCS Biologist, Robert Carroll. Based on the high level of disturbance and lack of suitable soil types within project boundaries, it was determined that all 13 special-status plant species are considered unlikely to occur on the project site. The vast majority of the site is planted vineyards and appears to be annually maintained, which greatly reduces the chance of any special-status plants to occur on-site. Additionally, the site lacks riparian areas, undisturbed land, and marshes or swamps, all of which are ideal habitat for the listed special status plants species.

Special-Status Wildlife Species Potentially Occurring within the Project Site

Ten special-status wildlife species were evaluated for their potential to occur on the project site. Because of the highly disturbed nature of the project site, as well as previous development efforts coupled with an overall lack of suitable habitat, few special-status wildlife species have the potential to occur within the project boundaries. While the burrowing owl (*Athene cunicularia*) prefers dry, open habitats dominated by annual or perennial grasslands, the planted vineyards and active maintenance of the site preclude the presence of the species. The lack of riparian areas and marshes preclude the presence of the California tiger salamander (*Ambystoma californiense*), tricolored blackbird (*Agelaius tricolor*), vernal pool fairy shrimp (*Branchinecta lynchi*), and western pond turtle (*Actinemys marmorata*). The project site does provide foraging habitat, albeit marginal, for several species of raptors, such as white tailed kite (*Elanus leucurus*), Swainson's hawk (*Buteo swainsoni*), and loggerhead shrike (*Lanius ludovicianus*). Additionally, the project site and its adjacent areas contain mature trees that support potential habitat for bird species protected under the Migratory Bird Treaty Act (MBTA).

Construction activities could disturb nesting and breeding birds in trees within and around the construction site. Potential impacts include the destruction of eggs or occupied nests, mortality of young, and the abandonment of nests with eggs or young birds prior to fledging. If these species were found to be present, impacts to these species would be potentially significant.

MM BIO-1, which includes pre-construction surveys and implementation of protective measures if active nests are identified, would reduce impacts to Swainson's hawk to a less then significant level. MM BIO-2 provides similar protection for nesting birds and raptors as well as birds protected under the MBTA.

b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

No impact. The project site consists mainly of disturbed land with invasive species of vegetation. The vegetation that is present on-site is ruderal and actively maintained. There are no critical or sensitive habitats found within the project site. Any impacts will be less than significant due to the high level of disturbance at and surrounding the site. No further studies or regulatory permitting would be required, as no impacts to any sensitive natural communities are expected from the project design.

c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

No impact. The project site does not contain any wetlands or other areas designated as waters of the United States and no further studies or regulatory permitting would be required. Therefore, the project would not have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act.

d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of wildlife nursery sites?

No impact. The project site was evaluated for evidence of a wildlife movement corridor during the reconnaissance-level survey. No wildlife movement corridors are within the project boundaries. The project site is surrounded by a highly traffic road, residential buildings, and a public. Additionally, the majority of the project site is bordered by a chain link fence, further precluding the movement of species onto and out of the project site. As such, the project would not have a significant impact on wildlife corridors or nursery sites and no mitigation is necessary

e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

Less than significant impact. As previously mentioned, there are mature adult trees near the building on the project site. As the project proposes to remove several mature trees within the project boundaries, the project will be required to adhere to all policies regarding tree removal and replacement. Any project development that requires the removal of adult trees will have to abide by the City of Oakley Tree Care Requirements.

Chapter 13 of the City of Oakley Municipal Code covers Tree Maintenance and Protection and will have to be followed accordingly. Sections 6.13.002 to 6.13.032 cover these areas. Adherence to the City's Tree Protection Ordinance will not result in any conflicts with local ordinances protecting biological resources.

f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

Less than significant impact with mitigation incorporated. The proposed project would comply with the City's Ordinance (19-07), which covers the East Contra Costa County HCP implementation program. Pursuant to East Contra Costa County HCP/NCCP requirements regarding special-status species, the project applicant would be required to pay the associated Development Fee to the HCP, as applicable. The proposed project occurs in Zone 1 of the East Contra Costa County HCP and as such, has a $12,457 per acre development cost.

The 'Swainson's hawk is the East Contra Costa County HCP/NCCP covered species that is applicable to the project site include. Implementation of MM BIO-1 would mitigate any project' impacts on this

species, thereby facilitating compliance with the East Contra Costa County HCP/NCCP. With the implementation of mitigation, impacts would be less than significant.

Mitigation Measures

MM-BIO-1 To avoid or minimize impacts on the Swainson's Hawk, the following measures shall be implemented.

- **Preconstruction Survey:** Prior to any ground disturbance related to covered activities that occurs during the nesting season (March 15–September 15), a qualified biologist will conduct a preconstruction survey no more than 1 month prior to construction to establish whether Swainson's hawk nests within 1,000 feet of the project site are occupied. If potentially occupied nests within 1,000 feet are off the project site, then their occupancy will be determined by observation from public roads or by observations of Swainson's hawk activity (e.g., foraging) near the project site. If nests are occupied, minimization measures and construction monitoring are required.
- **Avoidance and Minimization and Construction Monitoring:** During the nesting season (March 15–September 15), covered activities within 1,000 feet of occupied nests or nests under construction will be prohibited to prevent nest abandonment. If site-specific conditions or the nature of the covered activity (e.g., steep topography, dense vegetation, limited activities) indicate that a smaller buffer could be used, the project applicant will coordinate with the CDFW/USFWS to determine the appropriate buffer size.
  - If young fledge prior to September 15, covered activities can proceed normally. If the active nest site is shielded from view and noise from the project site by other development, topography, or other features, the project applicant can apply to the lead agency for a waiver of this avoidance measure. Any waiver must also be approved by the USFWS and CDFW. While the nest is occupied, activities outside the buffer can take place.
  - All active nest trees will be preserved on-site, if feasible. Nest trees, including non-native trees, lost to covered activities will be mitigated by the project applicant according to the requirements below.
- **Mitigation for Loss of Nest Trees:** The loss of non-riparian Swainson's hawk nest trees will be mitigated by the project applicant by:
- If feasible on-site, planting 15 saplings for every tree lost with the objective of having at least 5 mature trees established for every tree lost according to the requirements listed below.

AND either

1) Pay the lead agency an additional fee to purchase, plant, maintain, and monitor 15 saplings on the HCP/NCCP Preserve System for every tree lost according to the requirements listed below, OR

2) The project applicant will plant, maintain, and monitor 15 saplings for every tree lost at a site to be approved by the Implementing Entity (e.g., within an HCP/NCCP preserve or existing open space linked to HCP/NCCP preserves), according to the requirements listed below.

The following requirements will be met for all planting options:

- Tree survival shall be monitored at least annually for 5 years, then every other year until year 12. All trees lost during the first 5 years will be replaced. Success will be reached at the end of 12 years if at least 5 trees per tree lost survive without supplemental irrigation or protection from herbivory. Trees must also survive for at least 3 years without irrigation.
- Irrigation and fencing to protect from deer and other herbivores may be needed for the first several years to ensure maximum tree survival.
- Native trees suitable for this site should be planted. When site conditions permit, a variety of native trees will be planted for each tree lost to provide trees with different growth rates, maturation, and life span, and to provide a variety of tree canopy structures for Swainson's hawk. This variety will help to ensure that nest trees will be available in the short term (5-10 years for cottonwoods and willows) and in the long term (e.g., valley oak, sycamore). This will also minimize the temporal loss of nest trees.
- Whenever feasible and when site conditions permit, trees should be planted in clumps together or with existing trees to provide larger areas of suitable nesting habitat and to create a natural buffer between nest trees and adjacent development (if plantings occur on the development site).
- Whenever feasible, plantings on the site should occur closest to suitable foraging habitat outside the Urban Development Area.
- Trees planted in the HCP/NCCP preserves or other approved off-site location will occur within the known range of Swainson's hawk in the inventory area and as close as possible to high-quality foraging habitat.

MM-BIO-2 To mitigate impacts on nesting birds, the following measures shall be implemented for construction work during the nesting season (February 15 through August 31):

- If construction or tree removal is proposed during the breeding/nesting season for migratory birds (typically February 15 through August 31), a qualified biologist shall conduct pre-construction surveys for northern harrier, grasshopper sparrow, pallid bat, Townsend's big-ear bat, and other migratory birds within the construction area, including a 300-foot survey buffer, no more than 3 days prior to the start of ground disturbing activities in the construction area.
- If an active nest is located during pre-construction surveys, the USFWS and/or CDFW (as appropriate) shall be notified regarding the status of the nest. Furthermore, construction activities shall be restricted as necessary to avoid disturbance of the nest until it is abandoned or a qualified biologist deems disturbance potential to be minimal. Restrictions may include establishment of

exclusion zones (no ingress of personnel or equipment at a minimum radius of 300 feet around an active raptor nest and 50-foot radius around an active migratory bird nest) or alteration of the construction schedule.

- A qualified biologist shall delineate the buffer using nest buffer signs, environmentally sensitive area fencing, pin flags, and or flagging tape. The buffer zone shall be maintained around the active nest site(s) until the young have fledged and are foraging independently.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
5. Cultural and Tribal Cultural Resources *Would the project:*				
a) Cause a substantial adverse change in the significance of a historical resource as pursuant to Section 15064.5?	☐	☒	☐	☐
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	☐	☒	☐	☐
c) Disturb any human remains, including those interred outside of formal cemeteries?	☐	☒	☐	☐
Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
d) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k), or	☐	☐	☒	☐
e) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☐	☒	☐

This section describes the existing cultural resources setting and potential effects from project implementation on the project site and its surrounding area. Descriptions and analysis in this section are based on information provided by the California Native American Heritage Commission (NAHC), Northwest Information Center (NWIC), National Register of Historic Places (NRHR), California Register of Historic Resources (CRHR), California Historical Landmarks list, California Points of Historical Interest list, California State Historic Resources Inventory, the University of California Museum of Paleontology Paleontological Database, and a pedestrian survey of the site conducted by FCS on November 2, 2018. The records search map, NAHC correspondence, historic and paleontological reports and pedestrian survey photographs are provided in Appendix D.

Environmental Evaluation

Cultural Resources

Would the project:

a) Cause a substantial adverse change in the significance of a historical resource as pursuant to Section 15064.5?

Less than significant impact with mitigation incorporated. The results of the NWIC records search show that one historic resource has been recorded within 0.5 mile of the project site, and the resources are not located within the site itself. Review of historical aerial photographs and topographic maps dating as early as 1949 show evidence of one residential structure at the site. Furthermore, the intensive survey of the site conducted by FCS on January 9, 2019, did identify a residential structure (2371 Oakley Road) that is over 45 years old. However, the structure did not meet the eligibility criteria for the CRHR. For this reason, the potential for the proposed project to have an adverse effect on historic resources is considered low.

While unlikely, subsurface construction activities always have the potential to damage or destroy previously undiscovered historic resources. Historic resources can include wood, stone, foundations, and other structural remains; debris-filled wells or privies; and deposits of wood, glass, ceramics, and other refuse. Accordingly, implementation of MM CUL-1 will be required to reduce potential impacts to historic resources that may be discovered during project construction. With the incorporation of mitigation, impacts associated with historic resources would be less than significant.

b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?

Less than significant impact with mitigation incorporated. Records search results from the NWIC indicate that one historic resource has been recorded within 0.5 mile of the project site. Of these resources, one contains both historic and prehistoric archaeological resources. An intensive pedestrian survey of the project site conducted by FCS on January 9, 2019, also failed to identify additional archaeological resources within the project site. The project site is therefore considered to have low sensitivity for undiscovered archaeological resources.

While the records search and survey data indicate the likelihood of encountering archaeological resources during project construction is low, there is always a possibility that subsurface excavation may encounter previously undiscovered prehistoric archaeological resources. Such resources could consist of but are not limited to stone, bone, wood, or shell artifacts or features, including hearths and structural elements. Accordingly, this is a potentially significant impact. Implementation of MM CUL-1 would ensure that this potential impact is reduced to a less-than-significant level.

c) Disturb any human remains, including those interred outside of formal cemeteries?

Less than significant impact with mitigation incorporated. No human remains or cemeteries are known to exist within or near the project area. However, there is always the possibility that subsurface construction activities associated with the proposed project, such as trenching and

grading, could potentially damage or destroy previously undiscovered human remains. Accordingly, this is a potentially significant impact. In the event of the accidental discovery or recognition of any human remains, CEQA Guidelines Section 15064.5; Health and Safety Code Section 7050.5; Public Resources Code Section 5097.94 and Section 5097.98 must be followed. In the unlikely event human remains are discovered, implementation of MM CUL-2 would reduce this potential impact to a less than significant level.

Tribal Cultural Resources

Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

d) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k), or

Less than significant impact. A review of the CRHR, local registers of historic resources, a records search conducted at the NWIC, an NAHC sacred lands file failed to identify any listed Tribal Cultural Resources (TCRs) that may be adversely affected by the proposed project. As such, no known eligible or potentially eligible TCRs will adversely affected by the proposed project.

e) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.

Less than significant impact. On November 27, 2018, a response was received from the NAHC indicating that no sacred sites were listed as present in the project area. On November 15, 2018, letters including a map and project details were sent to seven Tribal Representatives identified by the NAHC as potentially having interest or information about the project area. To date, no responses have been received, and the lead agency has not identified additional significant TCRs meeting the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. As such, no known significant TCRs will be adversely affected by the proposed project.

Mitigation Measures

MM CUL-1 In the event a potentially significant cultural resource is encountered during subsurface earthwork activities, all construction activities within a 100-foot radius of the find shall cease and workers should avoid altering the materials until an archaeologist who meets the Secretary of Interior's Professional Qualification Standards for archaeology has evaluated the situation. The project applicant shall include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. Potentially significant cultural resources consist of but are not limited to stone, bone, glass, ceramics, fossils, wood, or shell

artifacts, or features including hearths, structural remains, or historic dumpsites. The archaeologist shall make recommendations concerning appropriate measures that will be implemented to protect the resource, including but not limited to excavation and evaluation of the finds in accordance with Section 15064.5 of the CEQA Guidelines. Any previously undiscovered resources found during construction within the project Site shall be recorded on appropriate Department of Parks and Recreation (DPR) 523 forms and will be submitted to the City of Oakley, the Northwest Information Center, and the State Historic Preservation Office, as required.

MM CUL-2 In the event of the accidental discovery or recognition of any human remains, CEQA Guidelines Section 15064.5; Health and Safety Code Section 7050.5; Public Resources Code Section 5097.94, and Section 5097.98 must be followed. If during the course of project development there is accidental discovery or recognition of any human remains, the following steps shall be taken:

1. There shall be no further excavation or disturbance within 100 feet of the remains until the Contra Costa County Coroner is contacted to determine if the remains are Native American and if an investigation of the cause of death is required. If the coroner determines the remains to be Native American, the coroner shall contact the NAHC within 24 hours, and the NAHC shall identify the person or persons it believes to be the most likely descendant of the deceased Native American. The most likely descendant may make recommendations to the landowner or the person responsible for the excavation work within 48 hours, for means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods as provided in Public Resources Code Section 5097.98.
2. Where the following conditions occur, the landowner or his or her authorized representative shall rebury the Native American human remains and associated grave goods with appropriate dignity either in accordance with the recommendations of the most likely descendant or on the project site in a location not subject to further subsurface disturbance:
   - The NAHC is unable to identify a most likely descendent or the most likely descendent failed to make a recommendation within 48 hours after being notified by the commission.
   - The descendant identified fails to make a recommendation.
   - The landowner or his authorized representative rejects the recommendation of the descendant, and mediation by the NAHC fails to provide measures acceptable to the landowner.

Additionally, California Public Resources Code Section 15064.5 requires the following relative to Native American Remains:

- When an initial study identifies the existence of, or the probable likelihood of, Native American Remains within a project, a lead agency shall work with the appropriate Native Americans as identified by the Native American Heritage

Commission as provided in Public Resources Code Section 5097.98. The project applicant may develop a plan for treating or disposing of, with appropriate dignity, the human remains and any items associated with Native American Burials with the appropriate Native Americans as identified by the Native American Heritage Commission.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
6. Energy *Would the project:*				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☒	☐
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☒	☐

Environmental Evaluation

Would the project:

a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

Less than significant impact. The proposed project would consume energy through building electricity and natural gas consumption and transportation fuel consumption.

Using average residential electricity and natural gas consumption rates provided by PG&E, the 63 dwelling units would consume 392,553 kilowatt hours[5] of electricity annually and 2.3 million cubic feet[6] of natural gas annually. The proposed project structures would be designed and constructed in accordance with the latest adopted edition of the State's Building Energy Efficiency standards, which are widely regarded as the most stringent energy efficiency standard in the United States. Impacts would be less than significant.

b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

Less than significant impact. The proposed project would be served with electricity provided by MCE. In 2017, MCE obtained between 94 and 100 percent of its electricity (depending on the program selected by the customer) from non-carbon energy sources.[7] This exceeds the State's current objective of 33 percent. Furthermore, the proposed project's buildings would be designed and constructed in accordance with the latest adopted edition of the State's building energy efficiency standards. As such, the proposed project would not conflict with State or local renewable or energy efficiency objectives. Impacts would be less than significant

[5] 63 dwelling units x 6,231 kilowatt hours/dwelling unit
[6] 63 dwelling units x 38,000 cubic-feet/dwelling unit
[7] Non-carbon sources include renewable (biomass, biowaste, geothermal, small hydroelectric, solar, and wind) and other categories (large hydroelectric and nuclear)

Mitigation Measures

None.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
7. Geology and Soils *Would the project:*				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☐	☒
ii) Strong seismic ground shaking?	☐	☐	☒	☐
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐
iv) Landslides?	☐	☐	☐	☒
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☒	☐
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☒	☐
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	☐	☐	☐	☒
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☒	☐	☐

Environmental Evaluation

Would the project:

a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury or death involving:

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

No impact. According to the California Department of Conservation, the project site is not located within an Alquist-Priolo Earthquake Fault Zone and no surface evidence of faulting has been observed. This condition precludes the possibility of the proposed project being exposed to fault rupture. No impact would occur.

ii) Strong seismic ground shaking?

Less than significant impact. Moderate to severe earthquakes can cause strong ground shaking, which is the case for most locations within the San Francisco Bay Area. The proposed project's structures would be designed in accordance with all applicable provisions of the California Building Standards Code that pertain to seismic design. Therefore, impacts associated with strong seismic ground shaking would be less than significant.

iii) Seismic-related ground failure, including liquefaction?

Less than significant impact. Soil liquefaction results from loss of strength during cyclic loading, such as imposed by earthquakes. Soils most susceptible to liquefaction are clean, loose, saturated, uniformly graded, fine-grained sands. According to Figure 8-2 of the City of Oakley General Plan, most of the City of Oakley, including the project site, is located within an area designated as having a "Generally High" liquefaction potential. The proposed project would be designed and constructed in accordance with the latest adopted edition of the California Building Standards Code, which establishes seismic safety standards for new construction. This would serve to minimize the risk of injury or property losses from the effects of ground failure and liquefaction. The impacts would be less than significant.

iv) Landslides?

No impact. The project site contains flat relief and is not near any significant slopes. For these reasons, no impact would occur.

b) Result in substantial soil erosion or the loss of topsoil?

Less than significant impact. Construction of the project would require earthwork activities that could potentially allow surface runoff to convey on-site sediments and pollutants off-site, thereby potentially affecting local downstream waterways by degrading water quality. Since the project would disturb one

or more acres of land, the project would be required to obtain coverage under the General Permit for Discharges of Storm Water Associated with Construction Activity. Construction activities subject to the General Permit includes clearing, grading, and disturbances to the ground such as stockpiling or excavation. The General Permit requires implementation of a Storm Water Pollution Prevention Plan (SWPPP). The SWPPP would contain a site map(s) showing the construction perimeter, existing and proposed buildings, stormwater collection and discharge points, general pre- and post-construction topography, drainage patterns across the site, and adjacent roadways.

The SWPPP must also include project construction features (i.e., BMPs) designed to prevent erosion and protect the quality of stormwater runoff. Construction BMPs may include but are not limited to stabilized construction entrances, straw wattles on embankments, and sediment filters on existing inlets. Additionally, the SWPPP must contain a visual monitoring program and a chemical monitoring program for "non-visible" pollutants, should the BMPs fail. Section A of the Construction General Permit lists all elements that must be contained in a SWPPP. The preparation, implementation, and participation with both the National Pollutant Discharge Elimination System (NPDES) General Permit and the Construction General Permit, including the SWPPP and BMPs, would reduce project construction effects on erosion to acceptable levels. Therefore, short-term construction impacts associated with erosion would be less than significant.

c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

Less than significant impact. The project site contains flat relief and is not near any significant slopes. According to Figure 8-2 of the City of Oakley General Plan, most of the City of Oakley, including the project site, is located within an area designated as having a "Generally High" liquefaction potential. The proposed project would be designed and constructed in accordance with the latest adopted edition of the California Building Standards Code, which establishes seismic safety standards for new construction. This would serve to minimize the risk of injury or property losses from the effects of unstable geologic units or soils. The impacts would be less than significant.

d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

Less than significant impact. The United States Department of Agriculture—Natural Resources Conservation Service indicates that the project site is underlain by Delhi sand with 2 to 9 percent slopes (DaC), which possess expansive properties. Expansive soils change in volume with changes in moisture. These soils can shrink or swell and cause heaving and cracking of slabs-on-grade, pavements, and structures founded on shallow foundations. The proposed project's structures would be designed in accordance with all applicable provisions of the California Building Standards Code that pertain to seismic design. Furthermore, compliance with General Plan policies related to geology and seismic hazards would ensure that impacts associated with expansive soils would be less than significant.

e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

No impact. The proposed project's residences would connect with the municipal sewer system and would not require septic tanks or similar alternative wastewater disposal system. Therefore, no impacts associated with septic tanks or similar alternative wastewater systems would occur.

f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less than significant impact with mitigation incorporated. The entire project site is underlain by Holocene-Pleistocene dune sand deposits (Qds). Holocene alluvium is too young to be considered fossiliferous, therefore, the potential for the proposed project to have an adverse effect on paleontological resources is considered low.

Although not anticipated, sub-surface construction activities associated with the proposed project, such as grading and trenching, could result in a significant impact to paleontological resources in the unlikely event late Pleistocene alluvium is encountered below the Holocene alluvium. Paleontological resources may include, but are not limited to, fossils from mammoths, saber-toothed cats, rodents, reptiles, fish, and birds. Accordingly, implementation of MM GEO-1 will be required to reduce potential impacts to paleontological resources that may be discovered during project construction. With the incorporation of mitigation, impacts associated with paleontological resources would be less than significant.

Mitigation Measures

MM GEO-1 In the event that fossils or fossil-bearing deposits are discovered during construction activities, excavations within a 100-foot radius of the find shall be temporarily halted or diverted. The project contractor shall notify a qualified paleontologist to examine the discovery. The project applicant shall include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. The paleontologist shall document the discovery as needed in accordance with Society of Vertebrate Paleontology standards and assess the significance of the find under the criteria set forth in CEQA Guidelines Section 15064.5. The paleontologist shall notify the appropriate agencies to determine procedures that would be followed before construction activities are allowed to resume at the location of the find. If the project applicant determines that avoidance is not feasible, the paleontologist shall prepare an excavation plan for mitigating the effect of construction activities on the discovery. The plan shall be submitted to the City of Oakley for review and approval prior to implementation, and the project applicant shall adhere to the recommendations in the plan.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
8. Greenhouse Gas Emissions *Would the project:*				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐
b) Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

Environmental Evaluation

Where available, the significance criteria established by the applicable air quality management or air pollution control district (in this case, the BAAQMD) may be relied upon to make the following determinations. Supporting information, including detailed GHG emission estimates, is provided in Appendix B.

Would the project:

a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Less than significant impact. Both construction period and operational period activities have the potential to generate GHG emissions. The project would generate GHG emissions during temporary (short-term) construction activities such as site grading, construction equipment engines, on-site heavy-duty construction vehicles, vehicles hauling materials to and from the project site, asphalt paving, and motor vehicles used by the construction workers. On-site construction activities would vary depending on the level of construction activity.

Long-term, operational GHG emissions would result from project generated vehicular traffic, on-site combustion of natural gas, operation of any landscaping equipment, off-site generation of electrical power over the life of the project, the energy required to convey water to and wastewater from the project site, the emissions associated with the hauling and disposal of solid waste from the project site, and any fugitive refrigerants from air conditioning or refrigerators.

The 2017 BAAQMD Thresholds contain the following for GHGs:

> For land use development projects (including residential, commercial, industrial, and public land uses and facilities), the threshold is compliance with a qualified GHG Reduction Strategy; or annual emissions less than 1,100 metric tons per year of carbon dioxide equivalent (CO_2e); or 4.6 metric tons CO_2e/service population/year (residents plus employees).

In a November 30, 2015, ruling, the California Supreme Court in *Center for Biological Diversity v. California Department of Fish and Wildlife* Case No. S217763 ("Newhall Ranch Case") concluded that whether the project was consistent with meeting statewide emission reduction goals is a legally permissible criterion of significance, but the significance finding for the project was not supported by a reasoned explanation based on substantial evidence. The 2017 BAAQMD CEQA Guidelines provide a GHG emission operational threshold based on a 2020 GHG target. In light of California's Supreme Court decision (Newhall Ranch Case), a threshold that fully accounts for the 2030 target was formulated to assess project emissions in the year 2030. For developments that would occur beyond 2020, the mass emissions or bright-line threshold of significance (1,100 MT CO_2e/year) was adjusted to a "substantial progress" threshold that was calculated based on the SB 32 target of 40 percent below 1990 levels (AEP 2016). Since the 2020 GHG targets set forth in the AB 32 Scoping Plan are to meet 1990 levels, it follows that the threshold of 1,100 MT CO_2e/year must decrease by 40 percent by 2030 to meet statewide 2030 GHG targets. To determine significance for criterion, the proposed project's GHG emissions are assessed against the threshold of 1,100 MT CO_2e/year for the operational year of 2022 and are compared to the adjusted threshold of 660 MT CO_2e/year for the operational year of 2030.

This estimated 2030 efficiency threshold is a surrogate threshold while the BAAQMD, ARB, or other regulatory agencies develop formally adopted threshold to comply with SB 32. It is acknowledged that this estimated threshold is based the best available on published information at the time of this analysis; a more detailed and up-to-date threshold will likely be developed in the future. Nevertheless, in order to fulfill the mandates of the Newhall Ranch Case decision and to make an effort to address 2030 emission reduction targets, the 660 MT CO_2e/year is used to evaluate project emissions in the year 2030.

Construction

The project would emit GHG emissions during construction from the off-road equipment, worker vehicles, and any hauling that may occur. BAAQMD does not presently provide a construction-related GHG emission threshold, but recommends that construction-generated GHG emissions be quantified and disclosed. The BAAQMD also recommends that lead agencies (in this case, the City of Oakley) make a determination of the level of significance of construction-generated GHG emissions in relation to meeting Assembly Bill 32 (AB 32) GHG reduction goals. Total GHG emissions generated throughout construction were combined and are presented in Table 16. As shown in Table 16, construction of the project is estimated to generate approximately 727 MT CO_2e over the entire project construction duration. In order to account for the construction emissions, the total emissions generated during construction were amortized based on the life of the development (residential—30 years) and added to the operational emissions. The amortized emissions from construction were added to the operational emissions to determine the total emissions of the project. These total project emissions were analyzed against the applicable BAAQMD significance threshold standard of 1,100 MT CO_2e/year in Table 17.

Table 16: Construction GHG Emissions

Construction Activities	On-site MT CO_2e per year	Off-site MT CO_2e per year	MT CO_2e per year
2020			
Demolition	34.2	1.2	35
Site Preparation	16.9	0.6	17
Grading	26.3	178.0	204
Paving	20.2	1.0	21
Building Construction—2020	48.9	31.7	81
Total 2020 Construction Emissions	*146.5*	*212.5*	*359*
2021			
Building Construction—2021	121.6	77.2	199
Total 2021 Construction Emissions	*121.6*	*77.2*	*199*
2022			
Building Construction—2022	102.1	63.4	165
Architectural Coating	2.6	0.5	3
Total 2022 Construction Emissions	*104.7*	*63.9*	*169*
2020-2022			
		Total Construction Emissions	**727**
		Amortized over 30 years	**24**

Note:
MT CO_2e = metric tons of carbon dioxide equivalent.
Source: CalEEMod Output (see Appendix B)

Operation

Operational or long-term emissions occur over the life of the project. The major sources for operational GHG emissions include:

- **Motor Vehicles:** These emissions refer to GHG emissions contained in the exhaust from the cars and trucks that would travel to and from the project site. Trip generation rates used in estimating mobile-source emissions were consistent with those presented in traffic impact analysis prepared for the project by TJKM (2019). The trip generation potential is estimated to result in an average of 595 average weekday trips (TJKM 2019). The project would incorporate design features and would obtain benefits from its location and infrastructure that would reduce project vehicle miles traveled compared with default values.

- **Natural Gas:** These emissions refer to the GHG emissions that occur when natural gas is burned on the project site. Natural gas uses could include heating water, space heating, dryers, stoves, or other uses.
- **Indirect Electricity:** These emissions refer to those generated by off-site power plants to supply electricity required for the project. All electricity at the project site would be supplied by Marin Clean Energy and delivered to the project site by PG&E. In addition, the project would generate on-site renewable energy through the inclusion of solar panels on each proposed home. To decrease energy demand, the each proposed home is also anticipated to include spray foam insulation.
- **Water Transport:** These emissions refer to those generated by the electricity required to transport and treat the water to be used on the project site.
- **Waste:** These emissions refer to the GHG emissions produced by decomposing waste generated by the project.

Project Operations in the Year 2022

Operational GHG emissions by source are shown in Table 17. Operational emissions at project buildout, in the year 2022, were estimated at 704 MT CO_2e. The analysis includes construction emissions amortized over the life of the project (see Table 16), for a total of 729 MT CO_2e in the year 2022.

Table 17: Operational GHG Emissions (2022)

Emission Source	Project Total MT CO_2e per year
Area	3
Energy	130
Mobile (Vehicles)	527
Waste	36
Water	8
Total Project Operational Emissions	704
Annualized Construction Emissions	24
Total Project Emissions	**729**
BAAQMD Threshold (MT CO_2e/year)	**1,100**
Does project exceed threshold?	**No**

Notes:
MT CO_2e = metric tons of carbon dioxide equivalent.
Unrounded results used to calculate totals.
Source of Emissions: CalEEMod Output (see Appendix B)

As shown in Table 17, the project has combined long-term operational emissions and amortized construction emissions would not exceed the BAAQMD's threshold of 1,100 MT CO_2e/year for project-level GHG emissions. Therefore, the impact would be less than significant.

Project Operations in the Year 2030

GHG emissions from project operations in the year 2030 are compared with the 2030 GHG bright-line threshold, as shown in Table 18.

Table 18: Operational GHG Emissions (2030)

Emission Source	Project Total MT CO_2e per year
Area	3
Energy	130
Mobile (Vehicles)	418
Waste	36
Water	8
Total Project Operational Emissions	596
Annualized Construction Emissions	24
Total Project Emissions	**620**
BAAQMD SB 32 GHG Threshold (MT CO_2e/year)	**660**
Does project exceed threshold?	**No**
Notes: MT CO_2e = metric tons of carbon dioxide equivalent. Unrounded results used to calculate totals. Source of Emissions: CalEEMod Output (see Appendix B)	

As shown above in Table 18, the project has combined long-term operational emissions and amortized construction emissions would not exceed the 2030 GHG bright-line threshold of 660 MT CO_2e/year. The impact would be less than significant.

b) Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?

Less than significant impact. The City of Oakley has not adopted a Climate Action Plan (CAP) or GHG reduction strategy. The City completed community-wide and local government GHG inventories for a 2005 baseline in 2011, and a 2010 update for the inventories was completed in 2013. The inventories could be used for completing a CAP in the future, but do not constitute a plan, policy, or regulation. Additionally, the 'Oakley Strategic Energy Plan' was completed in 2015. The Strategic Energy Plan outlines actions for the City to take to achieve the City's Vision for energy efficiency and sustainability, but does not provide policies or regulations that would apply to individual development projects. Since a CAP or GHG reduction strategy have not been developed for the City,

the project is assessed for its consistency with the ARB adopted Scoping Plan and the ARB 2017 Climate Change Scoping Plan Update.

AB 32 Scoping Plan

The California State Legislature adopted AB 32 in 2006. AB 32 focuses on reducing GHG emissions to 1990 levels by the year 2020. Pursuant to the requirements in AB 32, the ARB adopted the Climate Change Scoping Plan (Scoping Plan) in 2008, which outlines actions recommended to obtain that goal. The Scoping Plan calls for an "ambitious but achievable" reduction in California's GHG emissions, cutting approximately 30 percent from business-as-usual emission levels projected for 2020, or about 10 percent from 2008 levels. The Scoping Plan contains a variety of strategies to reduce the State's emissions. As shown in Table 19, the project is consistent with most of the strategies, while others are not applicable to the project.

Table 19: AB 32 Scoping Plan Measures Consistency Analysis

Scoping Plan Reduction Measure	Project Consistency
California Cap-and-Trade Program Linked to Western Climate Initiative. Implement a broad-based California Cap-and-Trade program to provide a firm limit on emissions. Link the California Cap-and-Trade Program with other Western Climate Initiative Partner programs to create a regional market system to achieve greater environmental and economic benefits for California. Ensure California's program meets all applicable AB 32 requirements for market-based mechanisms.	**Not applicable.** Although the cap-and-trade system has begun, the project is not one targeted by the cap-and-trade system regulations and therefore this measure does not apply to the project.
California Light-Duty Vehicle GHG Standards. Implement adopted standards and planned second phase of the program. Align zero-emission vehicle, alternative and renewable fuel and vehicle technology programs with long-term climate change goals.	**Not applicable.** This is a Statewide measure that cannot be implemented by a project applicant or lead agency. However, the standards would be applicable to the light-duty vehicles that access the project site.
Energy Efficiency. Maximize energy efficiency building and appliance standards; pursue additional efficiency including new technologies, policy, and implementation mechanisms. Pursue comparable investment in energy efficiency from all retail providers of electricity in California.	**Consistent.** This is a measure for the State to increase its energy efficiency standards in new buildings. The project is required to build to the latest energy efficiency standards and incorporate applicable energy efficiency features designed to reduce project energy consumption. Specifically, project buildings will be constructed to meet the latest version of Title 24. Each proposed home would include solar panels and spray foam insulation.
Renewable Portfolio Standard. Achieve 33 percent renewable energy mix Statewide. Renewable energy sources include (but are not limited to) wind, solar, geothermal, small hydroelectric, biomass, anaerobic digestion, and landfill gas.	**Not applicable.** This is a Statewide measure that cannot be implemented by a project applicant or lead agency. Specifically, Marin Clean Energy would procure electricity and PG&E would deliver it to the project. Marin Clean Energy already meets or exceeds the proposed renewable standards. In addition, the project would include solar panels on all residential units.

Table 19 (cont.): AB 32 Scoping Plan Measures Consistency Analysis

Scoping Plan Reduction Measure	Project Consistency
Low Carbon Fuel Standard. Develop and adopt the Low Carbon Fuel Standard.	**Not applicable.** This is a Statewide measure that cannot be implemented by a project applicant or lead agency. All fuel consumption associated with the project's construction and operational activities would use fuel that meets these standards.
Regional Transportation-Related GHG Targets. Develop regional GHG emissions reduction targets for passenger vehicles. This measure refers to SB 375.	**Not applicable.** The project is not related to developing GHG emission reduction targets.
Vehicle Efficiency Measures. Implement light-duty vehicle efficiency measures.	**Not applicable.** When this measure is initiated, the standards would be applicable to the light-duty vehicles that would access the project site.
Goods Movement. Implement adopted regulations for the use of shore power for ships at berth. Improve efficiency in goods movement activities.	**Not applicable.** The project does not propose any changes to maritime, rail, or intermodal facilities or forms of transportation.
Million Solar Roofs Program. Install 3,000 megawatt of solar-electric capacity under California's existing solar programs.	**Consistent.** This measure is to increase solar throughout California, which is being done by various electricity providers and existing solar programs. The project would not preclude the implementation of this strategy. If building permits are obtained after January 1, 2020, the project would be required to include solar panels on all new single-family homes to meet the 2019 Title 24 requirements. The project is anticipated to begin construction in May 2020 and would likely be subject to the 2019 Title 24 standards. In addition, the project applicant has confirmed that all proposed single-family homes would include active solar.
Medium/Heavy-Duty Vehicles. Adopt medium and heavy-duty vehicle efficiency measures.	**Not applicable.** This is a Statewide measure that cannot be implemented by a project applicant or lead agency.
Industrial Emissions. Require assessment of large industrial sources to determine whether individual sources within a facility can cost-effectively reduce GHG emissions and provide other pollution reduction co-benefits. Reduce GHG emissions from fugitive emissions from oil and gas extraction and gas transmission. Adopt and implement regulations to control fugitive CH_4 emissions and reduce flaring at refineries.	**Not applicable.** This measure would apply to the direct GHG emissions at major industrial facilities emitting more than 500,000 MT CO_2e per year. The project is a residential land use development project that would generate less than 1,100 MT CO_2e per year at project buildout (see Table 17).
High Speed Rail. Support implementation of a high-speed rail system.	**Not applicable.** This is a Statewide measure that cannot be implemented by a project applicant or lead agency. The proposed project would not preclude the implementation of this strategy.

Table 19 (cont.): AB 32 Scoping Plan Measures Consistency Analysis

Scoping Plan Reduction Measure	Project Consistency
Green Building Strategy. Expand the use of green building practices to reduce the carbon footprint of California's new and existing inventory of buildings.	**Consistent.** The project would comply with the California Energy Code and thus incorporate applicable energy efficiency features designed to reduce project energy consumption.
High Global Warming Potential Gases. Adopt measures to reduce high global warming potential gases.	**Not applicable.** This measure is applicable to the high global warming potential gases that would be used by sources with large equipment (such as in air conditioning and commercial refrigerators). It is not anticipated that a residential development project consisting of 63 single-family dwelling units would include refrigeration subject to refrigerant management regulations adopted by ARB.
Recycling and Waste. Reduce CH_4 emissions at landfills. Increase waste diversion, composting, and commercial recycling. Move toward zero waste.	**Not applicable**. The project would not conflict with implementation of this measure. The project is required to achieve the recycling mandates via compliance with California Green Building Standards Code (CALGreen). Furthermore, the project would utilize City of Oakley recycling services. Specifically, the project would be served with curbside green waste and recyclable pick-up during operations.
Sustainable Forests. Preserve forest sequestration and encourage the use of forest biomass for sustainable energy generation.	**Not applicable.** The project site is in a built-up urban area. No forested lands exist on-site; therefore, no on-site preservation is possible.
Water. Continue efficiency programs and use cleaner energy sources to move and treat water.	**Consistent.** The project would comply with the California Energy Code and the California Updated Model Landscape Ordinance. With adherence to these regulations, the project will consume energy and water in an efficient manner.
Agriculture. In the near-term, encourage investment in manure digesters and at the 5-year Scoping Plan update determine if the program should be made mandatory by 2020.	**Not applicable.** The project site is not designated or in use for agriculture purposes. No grazing, feedlot, or other agricultural activities that generate manure occur on-site or are proposed to be implemented by the project.
Source of ARB Scoping Plan Reduction Measure: ARB 2008.	

As shown in Table 19 the project is consistent with the applicable strategies and would not conflict with the recommendations of AB 32 in achieving a Statewide reduction in GHG emissions. Considering this information, the project would not significantly hinder or delay the State's ability to meet the reduction targets contained in AB 32 or conflict with implementation of the Scoping Plan.

SB 32 2017 Scoping Plan Update

The 2017 Climate Change Scoping Plan Update addressing the SB 32 targets was adopted on December 14, 2017. Table 20 provides an analysis of the project's consistency with the 2017 Scoping Plan Update measures. As shown in Table 20, many of the measures are not applicable to the project, while the project is consistent with strategies that are applicable.

Table 20: Consistency with SB 32 2017 Scoping Plan Update

2017 Scoping Plan Update Reduction Measure	Project Consistency
SB 350 50 Percent Renewable Mandate. Utilities subject to the legislation will be required to increase their renewable energy mix from 33 percent in 2020 to 50 percent in 2030.	**Not applicable.** This measure would apply to utilities and not to individual development projects. The project would purchase electricity from a utility subject to the SB 350 Renewable Mandate. Specifically, Marin Clean Energy would procure electricity and PG&E would deliver it to the project. Marin Clean Energy already meets or exceeds the proposed renewable standards. In addition, the project would include solar panels on all residential units.
SB 350 Double Building Energy Efficiency by 2030. This is equivalent to a 20 percent reduction from 2014 building energy usage compared to current projected 2030 levels.	**Not applicable**. This measure applies to existing buildings. New structures are required to comply with Title 24 Energy Efficiency Standards that are expected to increase in stringency over time. The project would comply with the applicable Title 24 Energy Efficiency Standards in effect at the time building permits are received. If building permits are obtained after January 1, 2020, the project would be subject to the 2019 Title 24 standards. One notable feature of the 2019 Title 24 standards is the requirement for developers to include solar panels on all new single-family homes. As part of the proposed project, each home would include solar panels and spray foam insulation.
Low Carbon Fuel Standard. This measure requires fuel providers to meet an 18 percent reduction in carbon content by 2030.	**Not applicable.** This is a Statewide measure that cannot be implemented by a project applicant or lead agency. However, vehicles accessing the proposed residential buildings at the project site would benefit from the standards.
Mobile Source Strategy (Cleaner Technology and Fuels Scenario). Vehicle manufacturers will be required to meet existing regulations mandated by the LEV III and Heavy-Duty Vehicle programs. The strategy includes a goal of having 4.2 million zero-emission vehicles (ZEVs) on the road by 2030 and increasing numbers of ZEV trucks and buses.	**Not applicable.** This measure is not applicable to the project; however, vehicles accessing the future single-family homes at the project site would be benefit from the increased availability of cleaner technology and fuels. Future residents and visitors can be expected to purchase increasing numbers of more fuel-efficient and zero emission cars and trucks each year. Furthermore, delivery trucks and buses that would serve future residents will be made by increasing numbers of ZEV delivery trucks.

Table 20 (cont.): Consistency with SB 32 2017 Scoping Plan Update

2017 Scoping Plan Update Reduction Measure	Project Consistency
Sustainable Freight Action Plan. The plan's target is to improve freight system efficiency 25 percent by increasing the value of goods and services produced from the freight sector, relative to the amount of carbon that it produces by 2030. This would be achieved by deploying over 100,000 freight vehicles and equipment capable of zero emission operation and maximize near-zero emission freight vehicles and equipment powered by renewable energy by 2030.	**Not applicable.** This measure applies to owners and operators of trucks and freight operations. The project is residential in nature and would not support truck and freight operations. It is expected that deliveries throughout the State would be made with an increasing number of ZEV delivery trucks, including deliveries that would be made to future residents.
Short-Lived Climate Pollutant (SLCP) Reduction Strategy. The strategy requires the reduction of SLCPs by 40 percent from 2013 levels by 2030 and the reduction of black carbon by 50 percent from 2013 levels by 2030.	**Consistent.** Consistent with BAAQMD Regulation 6, Rule 3, no wood-burning devices are proposed as part of the project. Natural gas hearths produce very little black carbon compared to wood-burning fireplace; therefore, the project would not include major sources of black carbon.
SB 375 Sustainable Communities Strategies. Requires Regional Transportation Plans to include a Sustainable Communities Strategy (SCS) for reduction of per capita vehicle miles traveled.	**Not applicable.** The project does not include the development of a Regional Transportation Plan. Furthermore, the project is not within an SCS priority area.
Post-2020 Cap-and-Trade Program. The Post 2020 Cap-and-Trade Program continues the existing program for another 10 years. The Cap-and-Trade Program applies to large industrial sources such as power plants, refineries, and cement manufacturers.	**Not applicable.** The project is not one targeted by the cap-and-trade system regulations, and, therefore, this measure does not apply to the project. However, the post-2020 Cap-and-Trade Program indirectly affects people and entities who use the products and services produced by the regulated industrial sources when increased cost of products or services (such as electricity and fuel) are transferred to the consumers.
Natural and Working Lands Action Plan. The ARB is working in coordination with several other agencies at the federal, State, and local levels, stakeholders, and with the public, to develop measures as outlined in the Scoping Plan Update and the governor's Executive Order B-30-15 to reduce GHG emissions and to cultivate net carbon sequestration potential for California's natural and working land.	**Not applicable**. The project is residential development in a built-up urban area and would not be considered natural or working lands.
Source of ARB 2017 Scoping Plan Update Reduction Measures: ARB 2017.	

Summary

As presented in Table 19, the project is consistent with the applicable strategies and would not conflict with the recommendations of AB 32 in achieving a Statewide reduction in GHG emissions. Considering this information, the proposed plan would not significantly hinder or delay the State's ability to meet the reduction targets contained in AB 32 or conflict with implementation of the

Scoping Plan. Furthermore, as shown in Table 20, implementation of the project would not conflict with the reduction measures proposed in SB 32. Considering this information, the proposed project would not conflict with any applicable plan, policy or regulation of an agency adopted to reduce the emissions of GHGs. The impact would be less than significant.

Mitigation Measures

None.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
9. Hazards and Hazardous Materials *Would the project:*				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☒	☐
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☒	☐
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65963.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☒	☐
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
g) Expose people or structures, either directly or indirectly to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☒	☐

Environmental Evaluation

Would the project:

a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

Less than significant impact. The project applicant is proposing to develop 63 residential lots on a 9.87-acre project site. Residential developments do not involve the routine use, storage, transport, or disposal of significant amounts of hazardous materials. Project construction would involve the

routine transport and handling of small quantities of hazardous substances such as diesel fuels, lubricants, and mechanical fluids. Handling of hazardous materials is governed by applicable federal, State, and local laws pertaining to the safe handling and transport of hazardous materials and would serve to minimize potential spill occurrences. Impacts would be less than significant.

b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Less than significant impact. As described previously, the proposed project would involve the use of small amounts of hazardous materials typically required during construction, such as diesel fuel and other mechanical fluids. Handling of hazardous materials is governed by applicable federal, State, and local laws pertaining to the safe handling and transport of hazardous materials and would serve to minimize potential spill occurrences. Impacts would be less than significant.

c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

Less than significant impact. The project site is 0.11 mile south of Orchard Park School. The proposed project consists of residential uses and would not routinely handle hazardous materials or emit hazardous air pollutants. This precludes the possibility of creating a significant hazard to the public or environment through reasonably foreseeable upsell or accident conditions. Impacts would be less than significant.

d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65963.5 and, as a result, would it create a significant hazard to the public or the environment?

Less than significant impact. The California State Water Resources Control Board GeoTracker Database indicates that the project site is not listed on a hazardous materials site database compiled pursuant to Government Code Section 65963.5. The nearest hazardous materials site is located approximately 750 feet northwest of the project site at 5301 Live Oak Avenue. This site contained a leaking underground storage tank that was removed in 2001. Following remediation, the site was classified as 'Closed' in 2008 signifying that it was remediated to the satisfaction of Contra Costa County Environmental Health Services. For these reasons, this site does pose a significant hazard to the proposed project. Impacts would be less than significant.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?

No impact. The proposed project is 13.5 miles from Byron Airport, the nearest airport. This distance precludes the possibility of the project creating aviation safety risks for persons residing or working in the project vicinity. No impact would occur.

No impact. The proposed project is 6.1 miles from Funny Farm Airstrip, the nearest private airstrip. This distance precludes the possibility of the project creating aviation safety risks for persons residing or working in the project vicinity. No impact would occur.

f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

Less than significant impact. The proposed project would be accessed from a gated point on Oakley Road. The privately owned and maintained internal circulation system would consist of two 28-foot wide streets (Street A and Street B). An EVA would be located at the point where Street A would connect to the existing stub of Thomas Drive to the south. The EVA would employ bollards to restrict access to authorized vehicles during non-emergency conditions; however, this point may also be used for access or evacuation purposes during an emergency. This would comply with the Fire Code's standards for emergency access. Furthermore, the project frontage with Oakley Road would be improved to provide an additional eastbound travel lane, along with curb, gutter, and sidewalk. This would serve to enhance emergency response and evacuation. Impacts would be less than significant.

g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?

Less than significant impact. The project site is within an urbanized portion of the City of Oakley and surrounded by urban development and infrastructure. There are no wildlands near the project site. As such, the proposed project would not be exposed to wildland fires. Impacts would be less than significant.

Mitigation Measures

None.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
10. Hydrology and Water Quality *Would the project:*				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	☐	☐	☒	☐
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☒	☐
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:	☐	☐	☒	☐
(i) result in substantial erosion or siltation on- or off-site;	☐	☐	☒	☐
(ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;	☐	☐	☒	☐
(iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
(iv) impede or redirect flood flows?	☐	☐	☐	☒
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☒	☐
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

Environmental Evaluation

Would the project:

a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?

Less than significant impact. Construction activity such as grading would reduce the project site's vegetation cover and increase the potential for soil erosion creating water quality impacts. As a

result, the project would be required to prepare and implement a SWPPP in accordance with federal and state requirements. The SWPPP would identify BMPs that are intended to prevent erosion during construction activity.

At operation, the project would create impervious surfaces that could cause pollutants, such as motor oil from parked cars, to enter water bodies during storm events further degrading water quality. However, the project would install an on-site storm drainage system consisting of inlets, underground piping, and a bioretention basin. This stormwater system would be designed according to State and local regulations (including Provision C.3) in order to reduce peak runoff volume, prevent inundating downstream waterways, and reduce pollutant loads. These construction and operational features would ensure the proposed project would not violate applicable water quality standards. Impacts would be less than significant.

b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

Less than significant impact. The proposed project would be served with potable water service provided by the Diablo Water District. The Diablo Water District's primary water supply is surface water. Thus, the proposed project would not increase groundwater pumpage. Additionally, the proposed project's storm drainage system includes a bioretention basin area that would facilitate groundwater recharge. Thus, the development of the proposed project would not have the potential to substantially deplete groundwater supplies or interfere with groundwater recharge. Impacts would be less than significant.

c) Substantially alter the existing drainage pattern of area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

(i) result in substantial erosion or siltation on- or off-site;

Less than significant impact. The project site contains vineyards and pervious surfaces. Following development of the proposed project, most of the project site would be hardscaped, except for the bioretention basin and landscaped areas. The proposed project would install a storm drainage system consisting of inlets and underground piping ranging from 15 to 24 inches in diameter that would convey runoff to the bioretention basin located along the Oakley Road frontage. The basin would detain runoff during peak storm events and meter its release into the existing 54-inch diameter storm drain line to avoid inundating downstream waterways in a manner that creates substantial erosion or siltation. Collectively, these features would ensure that the proposed project would not substantially alter existing drainage patterns such that substantial erosion or siltation occurs downstream. Impacts would be less than significant.

(ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;

Less than significant impact. The project site contains vineyards and pervious surfaces. Following development of the proposed project, most of the project site would be hardscaped, except for the

bioretention basin and landscaped areas. The proposed project would install a storm drainage system consisting of inlets and underground piping ranging from 15 to 24 inches in diameter that would convey runoff to the bioretention basin located along the Oakley Road frontage. The basin would detain runoff during peak storm events and meter its release into the existing 54-inch diameter storm drain line to avoid inundating downstream waterways in a manner that creates flooding. Collectively, these features would ensure that the proposed project would not substantially increase the rate of surface runoff such that downstream flooding would occur. Impacts would be less than significant.

(iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or

Less than significant impact. The project site contains vineyards and pervious surfaces. Following development of the proposed project, most of the project site would be hardscaped, except for the bioretention basin and landscaped areas. The proposed project would install a storm drainage system consisting of inlets and underground piping ranging from 15 to 24 inches in diameter that would convey runoff to the bioretention basin located along the Oakley Road frontage. The basin would detain runoff during peak storm events and meter its release into the existing 54-inch diameter storm drain line to avoid inundating downstream waterways in a manner that contributes substantial sources polluted runoff. Collectively, these features would ensure that the proposed project would not substantially contribute runoff that could exceed the capacity of downstream storm drainage systems or provide substantial sources of pollutants. Impacts would be less than significant.

(iv) impede or redirect flood flows?

No impact. As determined by the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) No. 06013C0355G, the project site is located within Zone X, which is defined as area outside the with 0.2 percent annual chance floodplain (i.e., 500-year flood hazard area). As such, the project site is not located within a flood hazard area and, thus, the proposed project would not impede or redirect 100-year flood flows. No impact would occur.

d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?

Less than significant impact. As previously indicated, the project site is not located within a 100-year flood hazard area and, thus, is not susceptible to flooding during a 100-year storm event. The project site is 45 miles from the Pacific Ocean and, thus, is not susceptible to tsunami inundation. The project site is not near any inland bodies of water that are susceptible to a seiche. No impact would occur.

e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

Less than significant impact. The project site contains vineyards and pervious surfaces. Following development of the proposed project, most of the project site would be hardscaped, except for the bioretention basin and landscaped areas. The proposed project would install a storm drainage system consisting of inlets, underground piping, and a bioretention basin. Runoff from the basin would discharge into an existing 56-inch-diameter storm drain, which runs parallel to the eastern

boundary of the project site. The storm drainage system would be designed to detain and meter the release of peak runoff in order to avoid inundating downstream waterways in a manner that creates substantial erosion or siltation. Collectively, these features would ensure that the proposed project would not conflict with a water quality control plan.

The proposed project would be served with potable water service provided by the Diablo Water District. The Diablo Water District's primary water supply is surface water. Thus, the proposed project would not increase groundwater pumpage. Thus, it would not conflict with a sustainable groundwater management plan. Impacts would be less than significant.

Mitigation Measures

No impact.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
11. Land Use and Planning *Would the project:*				
a) Physically divide an established community?	☐	☐	☐	☒
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☒	☐

Environmental Evaluation

Would the project:

a) Physically divide an established community?

No impact. The project site contains vineyards, three structures (including a single-family residence) and mature trees. The existing structures and vegetation would be removed. The removal of one single-family residence would not be considered a division of an established community. Additionally, the project site does not serve as a linkage between neighboring land uses. This condition precludes the division of an established community. No impact would occur.

b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

Less than significant impact. The proposed project's discretionary approvals include a General Plan Amendment and Rezone. The General Plan Amendment proposes to change 2.2 acres of the project site from 'Single-Family Residential—High' to 'Multi-Family Residential—Low'. The project proposes to rezone the project site from 'R-6' to 'Planned Development.' The current designations and zoning would be amended to reflect the characteristics of the proposed project. These discretionary approvals are part of the proposed project and intended to achieve conformance with the applicable provisions of the General Plan and Oakley Zoning Ordinance. In this sense, they are considered 'self-mitigating.' Impacts would be less than significant.

Noise Land Use Compatibility

For a summary of the characteristics of noise and other noise impacts discussions, see Section 13, Noise, of this document.

A significant impact would occur if implementation of the project would expose persons residing, visiting, or working at the project site or in the project vicinity to noise levels in excess of the land use compatibility standards established in the Noise Element of the City of Oakley's General Plan. According to these standards, noise environments up to 60 A-weighted decibel (dBA) day/night

average sound level (L_{dn}) are considered "normally acceptable" for new single-family residential land use developments. Environments with ambient noise levels from 60 dBA to 70 dBA L_{dn} are considered "conditionally acceptable" for new single-family residential land use developments; as such, development may be permitted only after detailed analysis of the noise reduction requirements and needed noise insulation features are included in the project design. Conventional construction, but with closed windows and a fresh air supply system or air conditioning, will normally suffice as a noise insulation feature for these "'conditionally acceptable" environments. Additionally, the City's Noise Element establishes noise level performance standards for new projects affected by or including new transportation noise sources. For transportation noise sources, noise levels must not exceed 65 dBA L_{dn} in outdoor activity areas, and 45 dBA L_{dn} in interior spaces of residential homes.

The Federal Highway Administration (FHWA) highway traffic noise prediction model (FHWA RD-77-108) was used to evaluate existing and cumulative traffic noise conditions in the vicinity of the project site. The projected traffic noise levels along roadways adjacent to the project site were analyzed to determine compliance with the City's noise and land use compatibility standards. The daily traffic volumes were obtained from the traffic analysis prepared for the project by TJKM (2019). The resultant noise levels were weighed and summed over a 24-hour period in order to determine the L_{dn} values. The traffic noise modeling input and output files are included in Appendix E of this document. Table 21 shows a summary of the traffic noise levels for existing, existing plus project, background, and background plus project conditions as measured at 50 feet from the centerline of the outermost travel lane.

Table 21: Traffic Noise Model Results Summary

Roadway Segment	Existing (dBA) L_{dn}	Existing Plus Project (dBA) L_{dn}	Increase Over Existing (dBA)	Background (dBA) L_{dn}	Background Plus Project (dBA) L_{dn}	Increase Over Background (dBA)
Oakley Road—Live Oak Avenue to Project Driveway	59.3	59.8	0.5	60.8	61.2	0.4
Oakley Road—Project Driveway to Empire Avenue	58.5	58.7	0.2	59.8	60.1	0.3
Source: FCS 2019.						

The projected traffic noise levels along Oakley Road between Live Oak Avenue and the Project Driveway would range up to 61.2 dBA L_{dn} as measured at 50 feet from the centerline of the outermost travel lane under background plus project conditions. The façade of the proposed residence closest to this roadway would be setback approximately 70 feet from the centerline of Oakley Road. At this distance, traffic noise levels would range up to approximately 59 dBA L_{dn} under background plus project conditions. Therefore, the traffic noise level at the nearest proposed

residence would not exceed the City's normally acceptable threshold for new single-family residential land use developments.

A long-term (24-hour) noise measurement was also conducted in the northeast corner of the project site, from January 9, 2019, at approximately 3:00 p.m., to approximately 4:00 p.m. on January 10, 2019. The noise measurement data is contained in Appendix E. This long-term noise measurement shows that ambient noise levels (including traffic and stationary noise sources in the project vicinity) at this location range up to approximately 64 dBA L_{dn}. This noise measurement was taken approximately 15 feet from the edge of Oakley Road. This measurement result shows that ambient noise levels on the project site do not exceed the City's conditionally acceptable range for new single-family residential land use development.

Therefore, implementation of the project would not cause a conflict with the City's land use compatibility plan and policies. Traffic noise impacts to the project would be less than significant, and no mitigation would be required.

Mitigation Measures

None.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
12. Mineral Resources *Would the project:*				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State?	☐	☐	☐	☒
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒

Environmental Evaluation

Would the project:

a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State?

No impact. The project site contains agricultural land and does not support mineral extraction activities. According to the Oakley 2020 General Plan Draft Environmental Impact Report (Draft EIR), the only mineral resource mined in the City of Oakley is sand. Thus, the project would have no impact regarding the loss of availability of a known mineral resource. No impact would occur.

b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

No impact. The project site contains agricultural land and does not support mineral extraction activities. According to the Oakley 2020 General Plan Draft EIR, the only mineral resource mined in the City of Oakley is sand. The Plan does not identify the project site as a source of locally important mineral resources. No impact would occur.

Mitigation Measures

None.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
13. Noise *Would the project result in:*				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☒	☐	☐
b) Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☒	☐
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

Environmental Evaluation

This section is based on noise modeling performed by FCS. The modeling output is provided in Appendix E.

Would the project result in:

a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Based on the 2019 CEQA Appendix G checklist questions, the noise land use compatibility discussion is now contained within the Land Use and Planning discussion of this document.

Characteristics of Noise

Noise is defined as unwanted sound. Sound levels are usually measured and expressed in decibels (dB), with 0 dB corresponding roughly to the threshold of hearing. Most of the sounds that we hear in the environment do not consist of a single frequency, but rather a broad band of frequencies, with each frequency differing in sound level. The intensities of each frequency add together to generate a sound. Noise is typically generated by transportation, specific land uses, and ongoing human activity.

The standard unit of measurement of the loudness of sound is the decibel (dB). The 0 point on the dB scale is based on the lowest sound level that the healthy, unimpaired human ear can detect.

Changes of less than 3 dBA are only perceptible in laboratory environments. A change of 3 dB is the lowest change that can be perceptible to the average human ear in outdoor environments.[8] While a change of 5 dBA is considered to be the minimum readily perceptible change to the human ear in outdoor environments.

Since the human ear is not equally sensitive to sound at all frequencies, the A-weighted decibel scale (dBA) was derived to relate noise to the sensitivity of humans, it gives greater weight to the frequencies of sound to which the human ear is most sensitive. The A-weighted sound level is the basis for a number of various sound level metrics, including the day/night sound level (L_{dn}) and the Community Noise Equivalent Level (CNEL), both of which represent how humans are more sensitive to sound at night. In addition, the equivalent continuous sound level (L_{eq}) is the average sound energy of time-varying noise over a sample period and the maximum noise/sound level (L_{max}) is the maximum instantaneous noise level occurring over a sample period.

Would the project result in:

a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Short Term Construction Impacts

Less than significant impact with mitigation incorporated. A significant impact would occur if construction activities would result in generation of a substantial temporary increase in ambient noise levels that would result in annoyance or sleep disturbance of nearby sensitive receptors.

Noise impacts from construction activities associated with the project would be a function of the noise generated by construction equipment, equipment location, sensitivity of nearby land uses, and the timing and duration of the construction activities. Two types of short-term noise impacts would occur during site preparation and project construction. The first type would result from the increase in traffic flow on local streets, associated with the transport of workers, equipment, and materials to and from the project site. The transport of workers and construction equipment and materials to the project site would incrementally increase noise levels on access roads leading to the site. Because workers and construction equipment would use existing routes, noise from passing trucks would be similar to existing vehicle-generated noise on these local roadways. Typically, a doubling of the average daily trip (ADT) hourly volumes on a roadway segment is required in order to result in an increase of 3 dBA in traffic noise levels; which, as discussed in the characteristics of nose discussion above, is the lowest change that can be perceptible to the average human ear in outdoor environments. Project-related construction trips would not be expected to double the hourly traffic volumes along any roadway segment in the project vicinity. For these reasons, short-term intermittent noise from trucks would be minor when averaged over an hour or longer time-period. Therefore, short-term construction-related noise impacts associated with worker commute and

[8] California Department of Transportation (Caltrans) 2013. Technical Noise Supplement to the Traffic Noise Analysis Protocol. September.

equipment transport to the project site would not exceed applicable significance thresholds and would be less than significant.

The second type of short-term noise impact is related to noise generated during construction on the project site. Construction noise levels are rarely steady in nature and often fluctuate depending on the type and number of equipment being used at any given time. In addition, there could be times where large equipment is not operating and noise would be at or near normal ambient levels. Construction is completed in discrete steps, each of which has its own mix of equipment and its own noise characteristics. These various sequential phases would change the character of the noise generated on the site and, therefore, the noise levels surrounding the site as construction progresses. Despite the variety in the type and size of construction equipment, similarities in the dominant noise sources and patterns of operation allow construction related noise ranges to be categorized by work phase.

The site preparation phase, which includes excavation and grading activities, tend to generate the highest noise levels because the noisiest construction equipment is earthmoving equipment. Earthmoving equipment includes excavating machinery and compacting equipment, such as bulldozers, draglines, backhoes, front loaders, roller compactors, scrapers, and graders. Typical operating cycles for these types of construction equipment may involve 1 or 2 minutes of full power operation followed by 3 or 4 minutes at lower power settings. Operating cycles for these types of construction equipment may involve 1 or 2 minutes of full power operation followed by 3 or 4 minutes at lower power settings.

The highest noise levels would be generated during site preparation, ground clearing, excavation, and foundation construction, as these phases require the use of the heaviest, and loudest, pieces of construction equipment. Large pieces of earthmoving equipment, such as graders, excavators, and bulldozers, generate maximum noise levels of 80 dBA to 85 dBA L_{max} at a distance of 50 feet. These noise levels drop off, or attenuate, at a rate of about 6 dBA per doubling of distance between the noise source and receptor. This equipment would move linearly over the project site as they perform their earth moving operations, spending a relatively short amount of time adjacent to any one receptor. A characteristic of noise is that each doubling of the sound sources with equal strength increases the noise level by 3 dBA. Assuming that each piece of construction equipment operates at some distance from the other equipment, combined noise levels during this phase of construction would range up to 90 dBA L_{max}, with a worst-case hourly average of up to 86 dBA L_{eq}, at a distance of 50 feet from the acoustical center of an active construction area. The acoustical center reference is used because construction equipment must operate at some distance from one another on a project site, and the combined noise level as measured at a point equidistant from the sources would be the worst-case maximum noise level.

The closest existing noise-sensitive land uses to the proposed project site are the single-family residential homes directly east of the project site. The closest residence would be located approximately 60 feet from the acoustic center of construction activity where multiple pieces of heavy construction equipment would potentially operate at the project site. At this distance, worst-case construction noise levels could range up to approximately 88 dBA L_{max} intermittently, and could have a worst-case hourly average of up to 84 dBA L_{eq}, at the façade of the nearest sensitive receptor.

Although there could be a relatively high single event noise exposure potential causing an intermittent noise nuisance, the effect of construction activities on longer-term (hourly or daily) ambient noise levels would be small but could result in a temporary increase in ambient noise levels in the project vicinity that could result in annoyance or sleep disturbance of nearby sensitive receptors. The City of Oakley establishes permissible hours of construction in Section 4.2.208 of its Municipal Code. This ordinance restricts noise producing construction activities to weekday hours between 7:30 a.m. and 5:30 p.m., with no work allowed on weekends unless otherwise authorized by the City in writing. Therefore, compliance with the City's permissible hours of construction, as well as implementing the best management noise reduction techniques and practices (both outlined in MM NOI-1), would ensure that construction noise would not result in a substantial temporary increase in ambient noise levels that would result in annoyance or sleep disturbance of nearby sensitive receptors. Therefore, with implementation of MM NOI-1, temporary construction noise impacts would be reduced to less than significant.

Operational/Stationary Source Noise Impacts

Less than significant impact. A significant impact would occur if operational noise levels generated by stationary noise sources at the proposed project site would result in a substantial permanent increase in ambient noise levels in excess of any of the noise performance thresholds established in the City's Municipal Code. The City's noise performance standards restrict non-transportation noise sources noise levels to 55 dBA L_{eq} between the daytime hours of 7:00 a.m. and 10:00 p.m., and 45 dBA L_{eq} between the nighttime hours of 10:00 p.m. and 7:00 a.m., as measured immediately within the property line of lands designated for noise-sensitive uses.

As noted in the characteristics of noise discussion, audible increases in noise levels generally refer to a change of 3 dBA or more, as this level has been found to be barely perceptible to the human ear in outdoor environments. A change of 5 dBA is considered the minimum readily perceptible change to the human ear in outdoor environments. Therefore, for purposes of this analysis, an increase of greater than 3 dBA above the City's established noise performance standards would be considered a substantial permanent increase in ambient noise levels.

The proposed project would include new stationary noise sources such as mechanical ventilation equipment. These sources could affect noise-sensitive receptors in the project vicinity.

Mechanical Equipment Operations

At the time of preparation of this analysis, details were not available pertaining to proposed mechanical ventilation systems for the project; therefore, a reference noise level for typical residential mechanical ventilation systems was used for this part of the analysis. Noise levels from typical mechanical ventilation equipment range up to approximately 60 dBA L_{eq} at a distance of 25 feet. Mechanical ventilation systems could be located as close as 35 feet from the nearest off-site single-family residences located east of the project site. However, the project proposes to construct a minimum 6-foot high concrete wall along the property lines bordering neighboring residential land uses. This soundwall would provide a minimum of 8 dBA in noise reduction of the proposed mechanical ventilation systems. Therefore, due to distance attenuation and shielding provided by the proposed concrete wall, noise generated by mechanical ventilation equipment would attenuate to

below 49 dBA L_{eq} at the nearest off-site sensitive receptor. However, residential ventilation systems cycle on and off over an hour, resulting in conservative worst-case hourly average noise levels of 45 dBA L_{eq} as measured at the nearest off-site sensitive receptor. These noise levels would not exceed the City's maximum noise limit standard of 55 dBA L_{eq} during the daytime hours of 7:00 a.m. to 10:00 p.m.; and would not exceed the nighttime noise standard of 45 dBA L_{eq}. Therefore, implementation of the project would not result in noise levels from mechanical ventilation equipment in excess of standards established in the local general plan, and the impact of mechanical ventilation equipment operational noise levels on sensitive off-site receptors would be less than significant.

Operational/Mobile Source Noise Impacts

Less than significant impact. A significant impact would occur if implementation of the proposed project would result in a substantial increase in traffic noise levels compared with traffic noise levels existing without the project. As noted in the characteristics of noise discussion, audible increases in noise levels generally refer to a change of 3 dBA or more, as this level has been found to be barely perceptible to the human ear in outdoor environments. A change of 5 dBA is considered the minimum readily perceptible change to the human ear in outdoor environments. Therefore, for purposes of this analysis, an increase of greater than 3 dBA above existing traffic noise levels would be considered a substantial permanent increase in traffic noise levels.

The FHWA highway traffic noise prediction model (FHWA RD-77-108) was used to evaluate existing and cumulative traffic noise conditions in the vicinity of the project site. The projected traffic noise levels along roadways adjacent to the project site were analyzed to determine compliance with the City's noise and land use compatibility standards. The daily traffic volumes were obtained from the traffic analysis prepared for the project by TJKM (2019). The resultant noise levels were weighed and summed over a 24-hour period in order to determine the L_{dn} values. The traffic noise modeling input and output files are included in Appendix E of this document. Table 21 shows a summary of the traffic noise levels for existing, existing plus project, background, and background plus project conditions as measured at 50 feet from the centerline of the outermost travel lane.

The highest traffic noise level increase with implementation of the project would occur along Oakley Road between Live Oak Avenue and the Project Driveway under existing plus project conditions. The project would result in traffic noise levels ranging up to 59.8 dBA L_{dn}, an increase of 0.5 dBA along this roadway segment compared to noise levels existing without the project. This increase would not be perceptible and would be well below the threshold of a 5 dBA increase that would be considered a substantial permanent increase. Therefore, project-related traffic noise impacts on existing ambient noise levels would be less than significant.

b) Generation of excessive groundborne vibration or groundborne noise levels?

Less than significant impact. A significant impact would occur if the project would generate groundborne vibration or groundborne noise levels in excess of established standards. The City of Oakley has not adopted criteria for groundborne vibration impacts. Therefore, for purposes of this analysis, the Federal Transit Administration's (FTA) vibration impact criteria are utilized. The FTA has

established industry accepted standards for vibration impact criteria and impact assessment. These guidelines are published in its Transit Noise and Vibration Impact Assessment Manual.[9]

Although groundborne vibration can be felt outdoors, it is typically only an annoyance to people indoors where the associated effects such as the shaking of a building can be notable. When assessing annoyance from groundborne vibration, vibration is typically expressed as root mean square (rms) velocity in units of decibels of 1 micro-inch per second. To distinguish these vibration levels referenced in decibels from noise levels referenced in decibels, the unit is written as "VdB."

In extreme cases, excessive groundborne vibration has the potential to cause structural damage to buildings. Common sources of groundborne vibration include construction activities such as blasting, pile driving and operating heavy earthmoving equipment. However, construction vibration impacts on building structures are generally assessed in terms of peak particle velocity (PPV). For purposes of this analysis, project related impacts are expressed in terms of PPV.

Short-term Construction Vibration Impacts

Of the variety of equipment that would be used during construction, small vibratory rollers would produce the greatest groundborne vibration levels. Impact equipment such as pile drivers is not expected to be used during construction of this project. Small vibratory rollers produce groundborne vibration levels ranging up to 0.101 inch per second (in/sec) PPV at 25 feet from the operating equipment.

The off-site structure nearest to the proposed construction areas where heavy construction equipment would operate is the single-family home to the east of the project site. The closest facade of this structure would be located approximately 35 feet from the footprint of the nearest proposed structure. At this distance, groundborne vibration levels would attenuate to 0.06 in/sec PPV from the operation of a small vibratory roller. This is below the FTA's construction vibration impact criteria of 0.2 in/sec PPV for this type of structure, a building of non-engineered timber and masonry construction. Therefore, construction-related groundborne vibration impacts to off-site receptors would be less than significant.

Operational Vibration Impacts

Implementation of the project would not include any new permanent sources that would expose persons in the project vicinity to groundborne vibration levels that could be perceptible without instruments at any existing sensitive land use in the project vicinity. Therefore, project operational groundborne vibration level impacts would be considered less than significant.

c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

No impact. There are no airports within 2 miles of the project site. The nearest public airport is the Byron Airport, located 13.5 miles south of the project site. Because of the distance from this airport,

[9] Federal Transit Administration (FTA). 2018. Transit Noise and Vibration Impact Assessment Manual. September.

the project site is located outside of the 55 dBA CNEL airport noise contours. The nearest private airstrip is Funny Farm Airport, located 6.1 miles southeast of the project site. This distance precludes the possibility of the proposed project exposing persons residing or working in the project vicinity to excessive aviation noise associated with a private airstrip. Therefore, implementation of the project would not expose persons residing or working in the project site to excessive noise levels associated with private airstrip or public airport noise. No impacts would occur.

Mitigation Measures

MM NOI-1 To reduce potential construction noise impacts during project construction, the following multi-part mitigation measure shall be implemented for the project:

- All construction equipment powered by internal combustion engines shall be properly muffled and maintained.
- Quiet construction equipment, particularly air compressors, are to be selected whenever possible.
- All stationery noise-generating construction equipment such as tree grinders and air compressors are to be located as far as is practical from existing residences. In addition, the project contractor shall place such stationary construction equipment so that emitted noise is directed away from sensitive receptors nearest the project site.
- Unnecessary idling of internal combustion engines is prohibited.
- The construction contractor shall, to the maximum extent practical, locate on-site equipment staging areas so as to maximize the distance between construction-related noise sources and noise-sensitive receptors nearest the project site during all project construction.
- Use of pile drivers, sources of impulsive sound and jack hammers shall be prohibited on Sundays and holidays, except for emergencies or as approved in advance by the Building Official.
- The construction contractor shall limit noise producing construction activity to weekday hours between 7:30 a.m. and 5:30 p.m., with no work allowed on weekends unless otherwise authorized by the City in writing.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
14. Population and Housing *Would the project:*				
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☒	☐
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☒	☐

Environmental Evaluation

Would the project:

a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

Less than significant impact. The proposed project would develop 63 dwelling units. Using the California Department of Finance's 2018 estimate of 3.45 persons per household for the City of Oakley, the project would add 218 residents to the City's population. This represents an increase of 0.5 percent relative to the City's 2018 population estimate of 41,116. The City of Oakley General Plan contemplates residential development on the project site and, thus, the addition of 218 new residents would represent planned growth. Furthermore, the project site is within an urbanized portion of Oakley served with urban infrastructure and services. Thus, the development of the proposed project would not remove a barrier to growth. Impacts would be less than significant.

b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

Less than significant impact. The project site contains an existing dwelling unit that would be removed. The voluntary removal of one dwelling unit would not constitute displacement of substantial numbers of people. Moreover, the project would result in the development of 63 dwelling units, a net increase of 62 dwelling units. Impacts would be less than significant.

Mitigation Measures

None.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
15. Public Services *Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:*				
a) Fire protection?	☐	☐	☒	☐
b) Police protection?	☐	☐	☒	☐
c) Schools?	☐	☐	☒	☐
d) Parks?	☐	☐	☒	☐
e) Other public facilities?	☐	☐	☒	☐

Environmental Evaluation

Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

a) Fire protection?

Less than significant impact. The East Contra Costa Fire Protection District provides fire protection services to the City of Oakley. The proposed project would add 218 residents to the City's population and, thus, increase demand for fire protection. The project site is located 2.4 miles from Station 53 (530 O'Hara Avenue). Using an average speed of 35 miles per hour, a fire engine would be able to reach the project site in 4 minutes, 7 seconds, which would be considered an acceptable response time. The proposed project would be accessed from a gated point on Oakley Road. The privately owned and maintained internal circulation system would consist of two 28-foot wide streets (Street A and Street B). An EVA would be located at the point where Street A would connect to the existing stub of Thomas Drive to the south, and bollards would be installed to restrict access to emergency vehicles. The Oakley Road gate would include an emergency override (knock box) for emergency vehicles. As such, the project would comply with the Fire Code's emergency access requirements for two points of emergency access. The proposed project would pay development fees for capital improvements to fire facilities. Additionally, all new dwelling units would be required to meet Fire Code requirements for fire detection and suppression. For these reasons, the proposed project would not create a need for new or expanded fire facilities. Impacts would be less than significant.

b) Police protection?

Less than significant impact. The Oakley Police Department provides law enforcement within the Oakley city limits. The proposed project would add 218 residents to the City's population and, thus, increase demand for police protection. The project site is located within an urbanized portion of Oakley that is routinely patrolled by the Oakley Police Department. Furthermore, the proposed project includes design features such as street lighting, fencing, and siting the parking area in a manner such that it and the adjoining Holly Creek Park have high visibility, which would deter criminal activity. In addition, the proposed project would be subject to development impact fees for police facilities. For these reasons, the proposed project would not create a need for new or expanded police facilities. Impacts would be less than significant.

c) Schools?

Less than significant impact. The project site is within the Oakley Union Elementary School District, which provides K-8 education, and the Liberty Union High School District, which provides 9-12 education. The proposed project would develop 63 dwelling units. Using a standard student generation rate of 0.5 student/dwelling unit, the proposed project would add 109 students to local K-12 schools. The project applicant would pay development fees to the school districts to fund capital improvements to school facilities. Pursuant to Government Code Section 65995, payment of development fees is "full and complete mitigation" for impacts on schools. Impacts would be less than significant.

d) Parks?

Less than significant impact. The proposed project would add 218 residents to the City of Oakley's population. The project site is adjacent to Holly Creek Park and the project would provide a direct bicycle/pedestrian connection to the park. The project applicant would also provide in lieu of park fees to the City of Oakley for the development of park facilities elsewhere. As such, the project would offset its demand for new parks. Impacts would be less than significant.

e) Other public facilities?

Less than significant impact. The proposed project would add 218 residents to the City of Oakley's population. These residents would increase demand for library services and community facilities. The project applicant would provide development fees in accordance with the City of Oakley's development fee schedule. Impacts would be less than significant.

Mitigation Measures

None.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
16. Recreation				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☒	☐
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?	☐	☐	☐	☒

Environmental Evaluation

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

Less than significant impact. The proposed project would add 218 residents to the City of Oakley's population. The project site is adjacent to Holly Creek Park and the project would provide a direct bicycle/pedestrian connection to the park. The project applicant would also provide in lieu of park fees to the City of Oakley for the development of park facilities elsewhere. As such, the project would offset its physical deterioration of existing neighborhood or regional parks. Impacts would be less than significant.

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

No impact. The proposed project does not involve the construction of any recreational facilities, which precludes the possibility of impacts in this regard. No impacts would occur.

Mitigation Measures

None.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
17. Transportation *Would the project:*				
a) Conflict with a program plan, ordinance or policy of the circulation system, including transit, roadway, bicycle and pedestrian facilities?	☐	☒	☐	☐
b) Would the project conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?	☐	☒	☐	☐
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☒	☐	☐
d) Result in inadequate emergency access?	☐	☐	☒	☐

The analysis in this section is based on the Traffic Impact Analysis prepared by TJKM Transportation Consultants. The report is provided in Appendix F.

Environmental Evaluation

Would the project:

a) Conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

Less than significant with mitigation incorporated. TJKM Transportation Consultants prepared a study to evaluate the transportation impacts of the project.

Trip Generation

Trip generation associated with the proposed project is summarized in Table 22. The project is expected to generate 595 daily vehicle trips, including 47 AM peak-hour and 62 PM peak-hour trips.

Table 22: Project Trip Generation Estimates

Land Use	Size	Daily Vehicle Trips		AM Peak-hour Vehicle Trips				PM Peak-hour Vehicle Trips			
		Rate	Trips	Rate	In	Out	Total	Rate	In	Out	Total
Single-Family Detached Housing (ITE land use code 210)	63 du[1]	9.44	595	0.74	12	35	47	0.99	39	23	62
		Total:	**595**				**47**				**62**

Note:
[1] du = dwelling units.
Source: TJKM Transportation Consultants 2019.

Existing Plus Project Conditions

The potential impacts were evaluated relative to the level of service (LOS) policies and methodologies applicable in the City of Oakley. Table 23 summarizes peak-hour LOS of intersection with project traffic volume added to the existing traffic volume.

Table 23: Existing Plus Project Conditions Traffic Level of Service Summary

Intersection	Control	Peak-hour	Existing Conditions		Existing Plus Project Conditions		
			Delay[1]	LOS[2]	Delay	LOS	Significant LOS Impact?
Live Oak Avenue/Main Street	Signalized	AM	18.8	B	19.6	B	No
		PM	7.2	A	7.5	A	No
Empire Avenue/Oakley Road	Signalized	AM	21.6	C	21.9	C	No
		PM	27.7	C	27.9	C	No
Neroly Road/Oakley Road	All-way Stop	AM	10.2	B	10.2	B	No
		PM	9.6	A	9.6	A	No
Neroly Road/Live Oak Avenue	All-way Stop	AM	12.2	B	12.4	B	No
		PM	10.3	B	10.3	B	No
Live Oak Avenue/Oakley Road	All-way Stop	AM	18.4	C	20.3	C	No
		PM	9.0	A	9.3	A	No
Live Oak Avenue/El Lago Drive	One-way Stop	AM	11.8	B	11.8	B	No
		PM	9.7	A	9.8	A	No
Proposed Project Access/Oakley Road	One-way Stop	AM	–	–	11.8	B	No
		PM	–	–	11.4	B	No

Notes:
Bold text indicates unacceptable intersection operations.
[1] Delay: Average control delay in seconds per vehicle, reported values are overall for signalized and all-way-stop-control intersections; and critical minor approaches for two-way-stop-control intersections.
[2] LOS: Level of Service.
Source: TJKM Transportation Consultants 2019.

The results of the intersection LOS analysis show that the proposed project would not result in a significant impact at any of the study intersections under Existing and Existing Plus Project conditions. The impact would be less than significant.

Cumulative Conditions

Table 24 summarizes peak-hour LOS of intersection under Cumulative traffic conditions. As shown, the project would contribute to increased delay at three study intersections that would operate unacceptably without the proposed project.

Table 24: Cumulative Traffic Level of Service Summary

Intersection	Control	Peak-hour	Cumulative Conditions		Cumulative Plus Project Conditions		
			Delay[1]	LOS[2]	Delay	LOS	Significant LOS Impact?
Live Oak Avenue/Main Street	Signalized	AM	18.6	B	19.7	B	No
		PM	8.2	A	8.5	A	No
Empire Avenue/Oakley Road	Signalized	AM	24.2	C	24.6	C	No
		PM	33.5	C	34.0	C	No
Neroly Road/Oakley Road	All-way Stop	AM	11.5	B	11.5	B	No
		PM	11.8	B	11.8	B	No
Neroly Road/Live Oak Avenue	All-way Stop	AM	16.8	B	17.1	B	No
		PM	12.8	B	12.9	B	No
Live Oak Avenue/Oakley Road	All-way Stop	AM	31.6	D	**38.8**	**E**	**Yes**
		PM	10.3	B	10.7	B	No
Live Oak Avenue/El Lago Drive	One-way Stop	AM	13.9	B	14.1	B	No
		PM	10.7	B	10.8	B	No
Proposed Project Access/Oakley Road	One-way Stop	AM	–	–	13.4	B	No
		PM	–	–	12.9	B	No

Notes:
Bold text indicates unacceptable intersection operations.
[1] Delay: Average control delay in seconds per vehicle, reported values are overall for signalized and all-way-stop-control intersections; and critical minor approaches for two-way-stop-control intersections.
[2] LOS: Level of Service.
Source: TJKM Transportation Consultants 2019.

The stop-sign controlled intersection of Live Oak Avenue/Oakley Road is forecasted to operate at LOS E during the AM peak-hour under Background Plus Project Conditions. The recommended cumulative mitigation is for the project to contribute towards the cost of installing a future traffic signal at the Live Oak Avenue/Oakley Road intersection. With this mitigation, the intersection would operate at acceptable LOS B (11.4 seconds of average delay). This recommendation is reflected in MM TRANS-1. With the implementation of mitigation, impacts would be less than significant.

b) Would the project conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?

Less than significant impact. The proposed project's vehicle trips would generate 1,357,148 VMT in an annual basis. As of the date of publication of this IS/MND, no adopted VMT threshold had been established. From a qualitative perspective, the proposed project represents planned infill residential growth with the Oakley city limits. The project site is within 0.5-mile of two shopping centers, an elementary school, and park. The project site is walking distance of public transit and is accessible to bicycles and pedestrians. As such, project residents would not make longer-than-average trips for

daily activities, and would have the option of making such trips using non-passenger vehicle modes of transportation. Impacts would be less than significant.

c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Less than significant impact with mitigation incorporated. The new Oakley Road/Project Access intersection would be more than 500 feet from the existing Oakley Road/Live Oak Road intersection (west) and Oakley Road/Beldin Lane-Kelsey Lane intersection (east). The new intersection would be gated and controlled by a side street stop. TJKM evaluated the functionality of the new intersection and recommended that the Oakley Road median be modified to allow left-in and left-out turning movements. This recommendation is reflected in MM TRANS-2. With the implementation of mitigation, impacts would be less than significant.

d) Result in inadequate emergency access?

Less than significant impact. The proposed project would be accessed from a gated point on Oakley Road. The privately owned and maintained internal circulation system would consist of two 28-foot wide streets (Street A and Street B). An EVA would be located at the point where Street A would connect to the existing stub of Thomas Drive to the south. The EVA would employ bollards to restrict access to authorized vehicles during non-emergency conditions; however, this point may also be used for access or evacuation purposes during an emergency. As such, two points of emergency access to the project would be available. Impacts would be less than significant.

Mitigation Measures

MM TRANS-1 Prior to issuance of the first building permit, the project applicant shall provide the fair share cost to the City of Oakley of the future installation of a signal at the intersection of Live Oak Road/Oakley Road. Payment of traffic impact fees in accordance with the City's adopted fee schedule would satisfy the applicant's fair share responsibility for this improvement if it is programmed into the fee program.

MM TRANS-2 Prior to issuance of the first building permit, the project applicant shall prepare and submit improvement plans to the City of Oakley depicting modifications to the existing median within Oakley Road to permit left-in, left-out access.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
18. Utilities and Service Systems *Would the project:*				
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☒	☐
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	☐	☐	☒	☐
c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☒	☐
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☒	☐

Environmental Evaluation

Would the project:

a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?

Less than significant impact. The proposed project would develop 63 dwelling units. The project would connect to existing utility lines located within Oakley Road.

As discussed in Impact 18(b), the proposed project is estimated to demand 38,586 gallons of water per day, which would represent less than 1 percent of the Diablo Water District available supply under all planning scenarios. Thus, no new or expanded water facilities would be required.

As discussed in Impact 18(c), the proposed project is estimated to generate 13,891 gallons of effluent on a daily basis. The Ironhouse Sanitary District Water Recycling Facility has a dry weather treatment capacity of approximately 4.3 million gallons per day (mgd) and treats a daily flow of 2.3 mgd. The addition of 13,891 gallons of wastewater (0.14 mgd) would represent less than 1 percent of the available capacity. Thus, no new or expanded wastewater facilities would be required.

As discussed in Impact 18(d), the proposed project would install a storm drainage system consisting of inlets, underground piping ranging from 15-inch and 24-inch-diameter pipes, and a bioretention basin. The basin would be designed to detain runoff during peak storm events and meter the release into the existing 54-inch diameter municipal storm drainage line to avoid inundating it with excess flows. As such, no new or expanded downstream storm drainage facilities would be required.

Impacts would be less than significant.

b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?

Less than significant impact. The proposed project would be served with potable water service provided by the Diablo Water District. The 2015 Urban Water Management Plan sets a revised baseline per capita water demand rate of 177 gallons per day. The proposed project would develop 63 dwelling units. Using the City of Oakley's 2018 persons per household estimate of 3.45 persons, the project would add 218 residents. Multiplying that value by 177 gallons per day yields a daily water consumption value of 38,586. On annual basis, that equates to 43.2 acre-feet.

The 2015 Urban Water Management Plan indicates that total supply would increase from 16,839-acre-feet in 2020 to 20,411-acre-feet in 2040. The Urban Water Management Plan water supply projections account for planned growth within the Oakley city limits, including on the project site. Thus, the project's annual water demand of 43.2 acre-feet is accounted for in the Urban Water Management Plan and adequate long-term water supply exists. Impacts would be less than significant.

c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

Less than significant impact. The proposed project would generate 33,899 gallons of effluent on a daily basis. The Water Recycling Facility had an average daily flow of 2.3 mgd. The facility has treatment has a dry weather treatment capacity of approximately 4.3 mgd. Thus, the addition of 13,891 gallons of wastewater would represent less than 1 percent of the available capacity. As such, the Water Recycling Facility would have adequate capacity to serve the project. Impacts would be less than significant.

d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

Less than significant impact. The proposed project would develop 63 single-family residences. Using a standard residential waste generation rate of 3,650 pounds per dwelling unit/year, development

contemplated by the proposed project would generate 161 cubic yards of solid waste on an annual basis. Solid waste from Oakley is landfilled at the Keller Canyon Landfill, which has 63.4 million cubic yards of remaining capacity. Thus, the proposed project's annual waste generation would represent less than 0.001 percent of the remaining capacity. Impacts would be less than significant.

e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

Less than significant impact. The proposed project would be served with curbside green waste and recyclable pick-up serve, thereby furthering State and local policies associated with waste diversion and recycling. Impacts would be less than significant.

Mitigation Measures

None.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
19. Wildfire *If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:*				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☒	☐
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☒	☐
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☒	☐

Environmental Evaluation

Would the project:

a) Substantially impair an adopted emergency response plan or emergency evacuation plan?

Less than significant impact. The proposed project would be accessed from a gated point on Oakley Road. The privately owned and maintained internal circulation system would consist of two 28-foot wide streets (Street A and Street B). An EVA would be located at the point where Street A would connect to the existing stub of Thomas Drive to the south. The EVA would employ bollards to restrict access to authorized vehicles during non-emergency conditions; however, this point may also be used for access or evacuation purposes during an emergency. As such, two points of emergency access/evacuation would be available. Impacts would be less than significant.

b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

Less than significant impact. The project site is located within a mostly urbanized portion of the City of Oakley. The nearby areas that are non-urban support agricultural land use activities (e.g.,

vineyards) and, thus, are not susceptible to wildland fires. Furthermore, the project site is not near wildlands or other areas susceptible to wildland fires. Impacts would be less than significant.

c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?

Less than significant impact. The project site is located within a mostly urbanized portion of the City of Oakley. The nearby areas that are non-urban support agricultural land use activities (e.g., vineyards) and, thus, are not susceptible to wildland fires. As such, the proposed project would not require the installation of wildfire suppression infrastructure such as a fire roads, fuel breaks, or water tanks. Impacts would be less than significant.

d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

Less than significant impact. The project site is located within a mostly urbanized portion of the City of Oakley. The nearby areas that are non-urban support agricultural land use activities (e.g., vineyards) and, thus, are not susceptible to wildland fires. Furthermore, the project site is not near areas with substantial slopes that may be susceptible to post-fire landslides. Impacts would be less than significant.

Mitigation Measures

None.

Environmental Issues	Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
20. Mandatory Findings of Significance				
a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☐	☒	☐	☐
c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☐	☒	☐

Environmental Evaluation

a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?

Less than significant impact with mitigation incorporated. The proposed project may result in several impacts associated with biological resources and cultural resources that would be significant if left unmitigated. MM BIO-1, MM BIO-2, MM CUL-1, and MM CUL-2 would fully mitigate all potential impacts to levels of less than significant. With the implementation of these mitigation measures, the proposed project would have less than significant impacts.

b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

Less than significant impact with mitigation incorporated. All cumulative impacts related to air quality and noise are either less than significant after mitigation or less than significant and do not require mitigation. Given the scope of the project and its impacts and mitigation measures, the incremental effects of this project are not considerable relative to the effects of past, current, and probably future projects. As discussed previously, the project does have potential significant cumulative traffic impacts. However, MM TRANS-1 and MM TRANS-2 would fully mitigate all potential cumulative impacts to a level of less than significant. With the implementation of these mitigation measures, the proposed project would not result in cumulatively significant impacts on these areas. Impacts would be less than significant.

c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?

Less than significant impact. All impacts identified in this IS/MND are either less than significant after mitigation, or less than significant and do not require mitigation. Therefore, the proposed project would not result in environmental effects that cause substantial adverse effects on human beings either directly or indirectly. Impacts would be less than significant.

Mitigation Measures

Implement MM BIO-1, MM BIO-2, MM CUL-1, MM CUL-2, MM CUL-3, MM TRANS-1, and MM TRANS-2.

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Appendix A:
Land Evaluation and Site Assessment Model

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Land Capability Classification (LCC) and Storie Index Scores

Soil Map Unit	Project Acres	Proportion of Project Area	LCC	LCC Rating	LCC Score	Storie Index	Storie Index Score
DaC	9.96	1	III s	60	60	49	49
					0		0
					0		0
					0		0
					0		0
					0		0
							0
TOTAL	9.96	1		60	60	49	49

Total Acres

Total Class I	Total Class II	Total Class III	Total Class IV	Total Class V
0	0	9.96	0	0

Project Size Score

LCC Class I-II	LCC Class III	LCC Class IV-VIII
0	9.96	0

Total Acres
Project Size Scores

Highest Project Size Score

Table 3-Proj. Size Scoring

LCC Class I-II		LCC Class III		LCC Class IV-VIII	
Acres	Score	Acres	Score	Acres	Score
80 +	100	160 +	100	320 +	100
60-79	90	120-159	90	240-319	80
40-59	80	80-119	80	160-239	60
20-39	50	60-79	70	100-159	40
10-19.	30	40-59	60	40-99	20
fewer than 10	0	20-39	30	fewer than 40	0
		10-19.	10		
		fewer than 10	0		

Total Acres

Total Class I	Total Class II	Total Class III	Total Class IV	Total Class V
		9.96	0	0

Total Acres	0	9.96	0
Score	0	0	0

TOTAL PROJECT SIZE RATING= **0**

Project Portion	Water Source	Proportion	Water Availability Score	Weighted Availability Score (C x D)
1	Irrigation District Water Only			0
2	Groundwater only			0
3	Both irrigation and ground	100%	85	85
4	Not irrigated at all			0
	Total	1	**Total water resource score**	**85**

Table 5. Water Resource Availability Scoring

Option	Non-Drought Years			Drought Years			WATER RESOURCE SCORE
	RESTRICTIONS			RESTRICTIONS			
	Irrigated Production Feasible?	Physical Restrictions ?	Economic Restrictions ?	Irrigated Production Feasible?	Physical Restrictions ?	Economic Restrictions ?	
1	YES	NO	NO	YES	NO	NO	100
2	YES	NO	NO	YES	NO	YES	95
3	YES	NO	YES	YES	NO	YES	90
4	YES	NO	NO	YES	YES	NO	85
5	YES	NO	NO	YES	YES	YES	80
6	YES	YES	NO	YES	YES	NO	75
7	YES	YES	YES	YES	YES	YES	65
8	YES	NO	NO	NO	--	--	50
9	YES	NO	YES	NO	--	--	45
10	YES	YES	NO	NO	--	--	35
11	YES	YES	YES	NO	--	--	30
12	Irrigated production not feasible, but rainfall adequate for dryland production in both drought and non-drought years						25
13	Irrigated production not feasible, but rainfall adequate for dryland production in non-drought years (but not in drought years)						20
14	Neither irrigated nor dryland production feasible						0

in

Table 6: Surrounding Ag Land Rating

Percent of Project's Zone of Influence	Surround Ag Land Score
90-100%	100 points
80-89	90
75-79	80
70-74	70
65-69	60
60-64	50
55-59	40
50-54	30
45-49	20
40-44	10
<40	0

Table 7: Surrounding Protected Resource Land Score

Percent of Project's Zone of Influence	Surround Ag Land Score
90-100%	100 points
80-89	90
75-79	80
70-74	70
65-69	60
60-64	50
55-59	40
50-54	30
45-49	20
40-44	10
<40	**0**

0

Section III. Weighting of Factors and Final LESA Scoring

The California LESA Model is weighted so that 50 percent of the total LESA score of a given project is derived from the Land Evaluation factors, and 50 percent from the Site Assessment factors. Individual factor weights are listed below, with the sum of the factor weights required to equal 100 percent.

Land Evaluation Factors

Land Capability Classification	25%
Storie Index Rating	25%
Land Evaluation Subtotal	**50%**

Site Assessment Factors

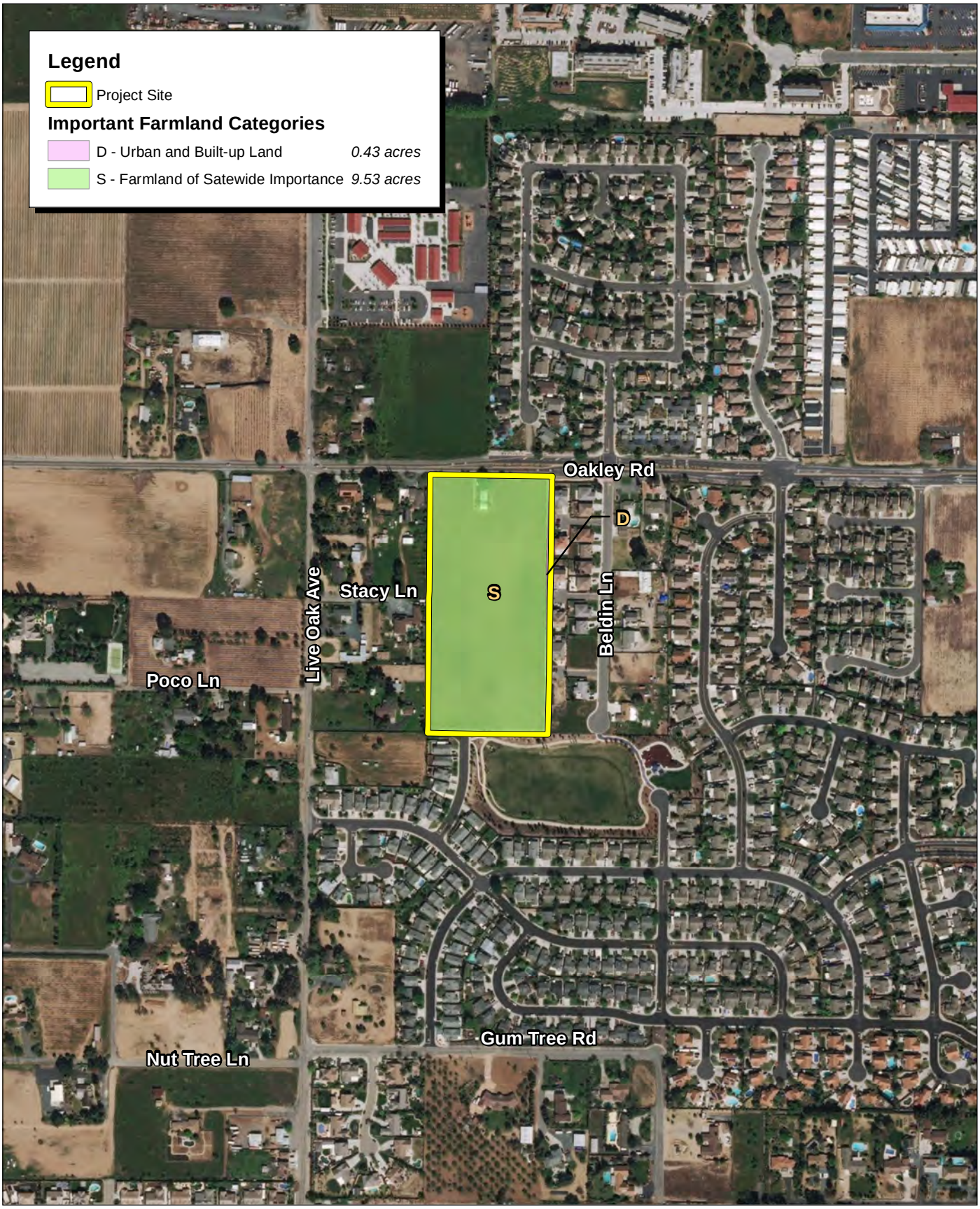
Project Size	15%
Water Resource Availability	15%
Surrounding Agricultural Lands	15%
Surrounding Protected Resource Lands	5%
Site Assessment Subtotal	**50%**
Total LESA Factor Weighting	**100%**

Each factor is measured separately (each on 100 point scale) and entered in the appropriate line in **Column B** of the **Final LESA Scoresheet** (Table 8). Each factor's score is then multiplied by its respective factor weight, resulting in a weighted factor score in **Column D** as indicated in Table 8. The weighted factor scores are summed, yielding a Total LESA Score (100 points maximum) for a given project, which is entered in **Line 7** of **Column D**.

Factor Name	Factor Rating (0-100 points)	X	Factor Weighting (Total=1.0)	=	Weighted Factor Rating
Land Evaluation					
1. Land Capability Classification	60		0.25		15
2. Storie Index Rating	49		0.25		12.25
Site Assessment					
1. Project Size	0		0.15		0
2. Water Resource Availability	85		0.15		12.75
3. Surrounding Agricultural Lands	0		0.15		0
4. Protected Resource Lands	0		0.05		0
				TOTAL	**40**

Table 9. California LESA Model Scoring Thresholds

Total LESA Score	Scoring Decision
0 to 39 Points	Not Considered Significant
40 to 59 Points	Considered Significant only if LE and SA subscores are each greater than or equal to 20 points
60 to 79 Points	Considered Significant unless either LE or SA subscore is less than 20 points
80 to 100 Points	Considered Significant



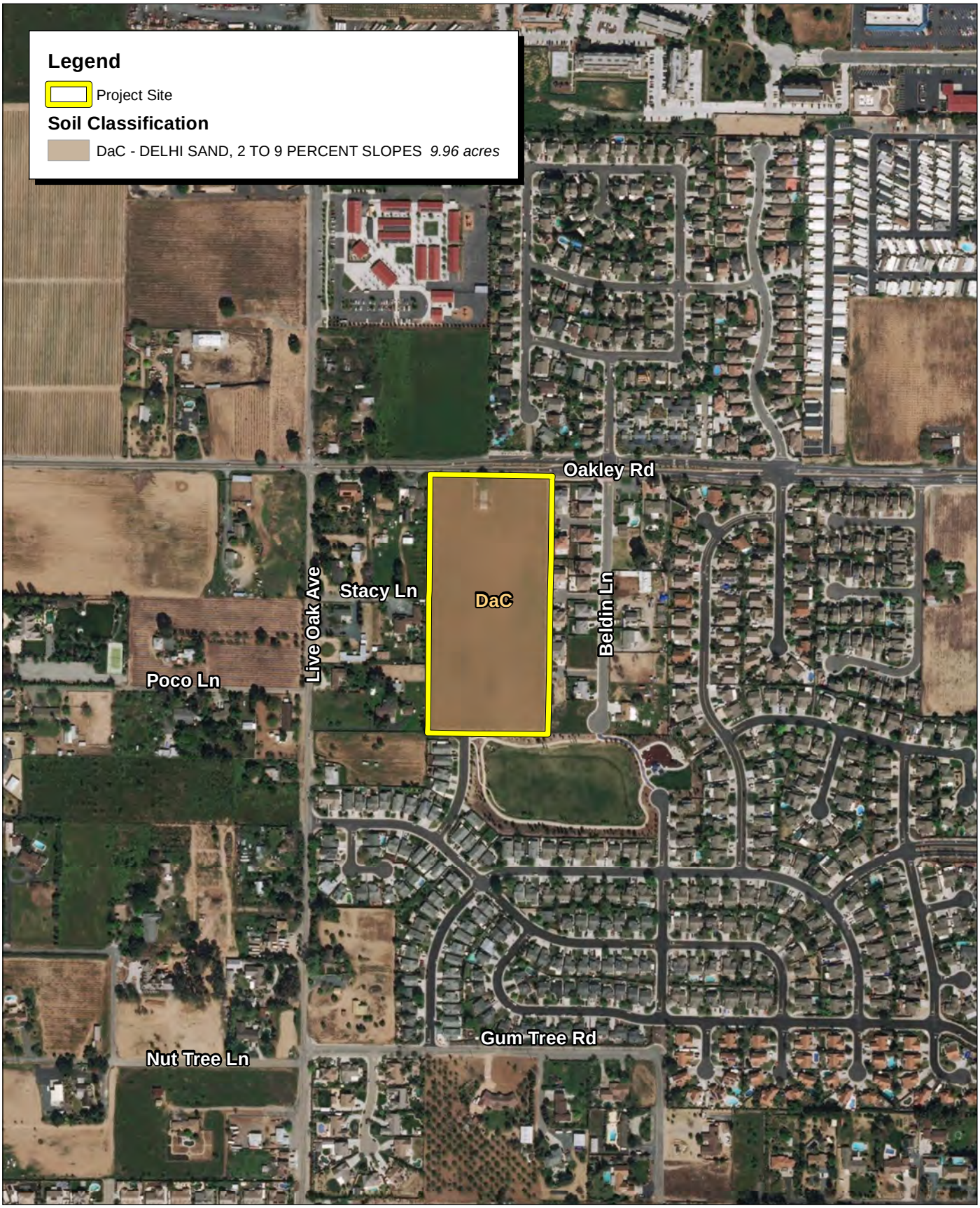
Source: ESRI Aerial Imagery. CA Department of Conservation Contra Costa County FMMP, 2016.

FIRSTCARBON SOLUTIONS™

500 250 0 500 Feet

Exhibit 1
Important Farmland Map

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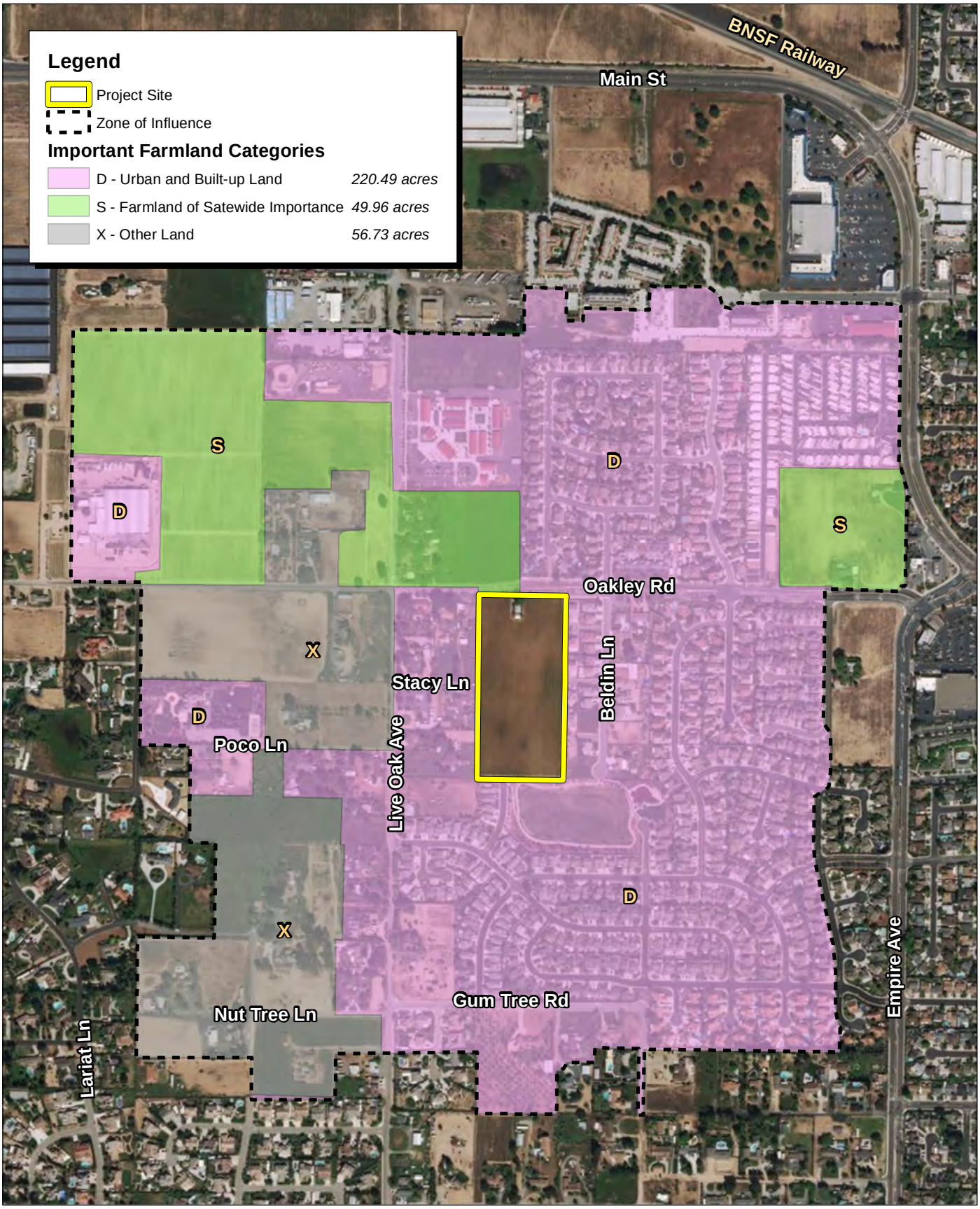


Source: ESRI Aerial Imagery. CA Department of Conservation Contra Costa County FMMP, 2016.

FIRSTCARBON SOLUTIONS™

500 250 0 500 Feet

Exhibit 2
Soils Map



Source: ESRI Aerial Imagery. CA Department of Conservation Contra Costa County FMMP, 2016.

FIRSTCARBON SOLUTIONS™

700 350 0 700 Feet

Exhibit 3
Zone of Influence

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Appendix B:
Air Quality and Greenhouse Gas Emissions Supporting Information

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Appendix B: Air Quality and Greenhouse Gas Emissions Supporting Information

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The Vines at Oakley Project Construction Assumptions

Construction Schedule

Phase Name	Start Date	End Date	Days per Week	Total Construction Days
Demolition	5/1/2020	5/28/2020	5	20
Site Preparation	5/29/2020	6/11/2020	5	10
Grading	6/12/2020	7/9/2020	5	20
Paving	7/10/2020	8/6/2020	5	20
Building Construction	8/7/2020	11/3/2022	5	585
Architectural Coating	11/4/2022	12/1/2022	5	20

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.0	81	0.73
Demolition	Excavators	3	8.0	158	0.38
Demolition	Rubber Tired Dozers	2	8.0	247	0.4
Site Preparation	Rubber Tired Dozers	3	8.0	247	0.4
Site Preparation	Tractors/Loaders/Backhoes	4	8.0	97	0.37
Grading	Excavators	1	8.0	158	0.38
Grading	Graders	1	8.0	187	0.41
Grading	Rubber Tired Dozers	1	8.0	247	0.4
Grading	Tractors/Loaders/Backhoes	3	8.0	97	0.37
Paving	Pavers	2	8.0	130	0.42
Paving	Paving Equipment	2	8.0	132	0.36
Paving	Rollers	2	8.0	80	0.38
Building Construction	Cranes	1	2.8	231	0.29
Building Construction	Forklifts	3	3.2	89	0.2
Building Construction	Generator Sets	1	3.2	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	2.8	97	0.37
Building Construction	Welders	1	3.2	46	0.45
Architectural Coating	Air Compressors	1	6.0	78	0.48

Trips and VMT

Phase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number
Demolition	15	0	5
Site Preparation	18	0	0
Grading	15	0	4,663
Paving	15	0	0
Building Construction	38	13	0
Architectural Coating	8	0	0

The Vines at Oakley Project	Construction Duration		
	CalEEMod Defaults	Revisions	Difference
Building Construction	230	585	
Total Working Days	**230**	**585**	**355**

CalEEMod Defaults					
Building Construction					
Equipment	**Amount**	**Usage Hours**	**Horsepower**	**Load Factor**	**HP Hours**
Cranes	1	7	231	0.29	1,610
Forklifts	3	8	89	0.2	5,520
Generator Sets	1	8	84	0.74	1,840
Tractors/Loaders/Backhoes	3	7	97	0.37	4,830
Welders	1	8	46	0.45	1,840
				Total	**15,640**

Revisions					
Building Construction					
Equipment	**Amount**	**Usage Hours**	**Horsepower**	**Load Factor**	**HP Hours**
Cranes	1	2.75	231	0.29	1,610
Forklifts	3	3.15	89	0.2	5,520
Generator Sets	1	3.15	84	0.74	1,840
Tractors/Loaders/Backhoes	3	2.75	97	0.37	4,830
Welders	1	3.15	46	0.45	1,840
				Total	**15,640**

Cross-Check	
Cross-Check	
Goal HP Hours	**Difference**
1,610	-
5,520	-
1,840	-
4,830	-
1,840	-
15,640	-

The Vines at Oakley Project - Unmitigated Construction and Operations

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.65	Acre	0.65	28,314.00	0
Other Non-Asphalt Surfaces	141.12	1000sqft	3.24	0.00	0
Parking Lot	8.38	1000sqft	0.19	8,376.00	0
Single Family Housing	63.00	Dwelling Unit	5.79	129,150.00	218

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	331	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor adjusted to reflect Marin Clean Energy's GHG Emissions Factors (PG&E selected because Marin Clean Energy is not a selection in CalEEMod)
Anticipated construction start date: May 2020

Land Use - Based on site plan and project description
Bioretention basin represented by other non-asphalt surfaces

Construction Phase - Adjusted the building construction phase to match the applicant-provided construction schedule

Off-road Equipment - Construction equipment adjusted to conserve default HP hours for the building construction phase

Demolition - Demolition of existing buildings to be removed totaling 1,020 square feet. Square footage estimate of existing buildings to be demolished provided by the project applicant.

Grading - Cut: 13,000 CY
Fill: 24,300 CY
Cut/fill estimates provided by the project applicant.

Vehicle Trips - Consistent with the Village at Main Traffic Impact Analysis, trip generation rates were obtained from the ITE Trip Generation Manual, 10th Edition for ITE land use code 210.

Woodstoves - No woodburning

Construction Off-road Equipment Mitigation - Compliance with BAAQMD best management practices threshold for fugitive dust; recommended measures from BAAQMD's Basic Construction Mitigation Measures Recommended for All Proposed Projects.

Water Mitigation - Compliance with Green Building Code Standards

Waste Mitigation - Statewide diversion/recycling mandate (21% percent reduction for Oakley)

Energy Mitigation - Anticipated total on-site renewable energy production: 301,264 kWh/year

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	230.00	585.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberWood	27.09	0.00
tblGrading	MaterialExported	0.00	24,300.00
tblGrading	MaterialImported	0.00	13,000.00
tblLandUse	LandUseSquareFeet	141,120.00	0.00
tblLandUse	LandUseSquareFeet	8,380.00	8,376.00
tblLandUse	LandUseSquareFeet	113,400.00	129,150.00
tblLandUse	LotAcreage	20.45	5.79
tblLandUse	Population	180.00	218.00
tblOffRoadEquipment	UsageHours	7.00	2.80
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	7.00	2.80
tblOffRoadEquipment	UsageHours	8.00	3.20
tblProjectCharacteristics	CO2IntensityFactor	641.35	331
tblVehicleTrips	ST_TR	9.91	9.54
tblVehicleTrips	SU_TR	8.62	8.55
tblVehicleTrips	WD_TR	9.52	9.44
tblWoodstoves	WoodstoveWoodMass	956.80	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.1675	2.1134	1.1973	3.8800e-003	0.2226	0.0741	0.2967	0.1012	0.0689	0.1701	0.0000	357.8628	357.8628	0.0510	0.0000	359.1367
2021	0.1201	1.0961	1.0233	2.2300e-003	0.0505	0.0507	0.1012	0.0137	0.0477	0.0613	0.0000	198.0510	198.0510	0.0320	0.0000	198.8501
2022	1.0101	0.8453	0.8591	1.8900e-003	0.0430	0.0368	0.0798	0.0117	0.0346	0.0463	0.0000	167.9040	167.9040	0.0267	0.0000	168.5710
Maximum	**1.0101**	**2.1134**	**1.1973**	**3.8800e-003**	**0.2226**	**0.0741**	**0.2967**	**0.1012**	**0.0689**	**0.1701**	**0.0000**	**357.8628**	**357.8628**	**0.0510**	**0.0000**	**359.1367**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.1675	2.1134	1.1973	3.8800e-003	0.1354	0.0741	0.2095	0.0552	0.0689	0.1241	0.0000	357.8627	357.8627	0.0510	0.0000	359.1366
2021	0.1201	1.0961	1.0233	2.2300e-003	0.0505	0.0507	0.1012	0.0137	0.0477	0.0613	0.0000	198.0509	198.0509	0.0320	0.0000	198.8499
2022	1.0101	0.8453	0.8591	1.8900e-003	0.0430	0.0368	0.0798	0.0117	0.0346	0.0463	0.0000	167.9038	167.9038	0.0267	0.0000	168.5709
Maximum	**1.0101**	**2.1134**	**1.1973**	**3.8800e-003**	**0.1354**	**0.0741**	**0.2095**	**0.0552**	**0.0689**	**0.1241**	**0.0000**	**357.8627**	**357.8627**	**0.0510**	**0.0000**	**359.1366**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**27.57**	**0.00**	**18.25**	**36.38**	**0.00**	**16.58**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	5-1-2020	7-31-2020	1.6940	1.6940
2	8-1-2020	10-31-2020	0.3493	0.3493
3	11-1-2020	1-31-2021	0.3280	0.3280
4	2-1-2021	4-30-2021	0.2965	0.2965
5	5-1-2021	7-31-2021	0.3058	0.3058
6	8-1-2021	10-31-2021	0.3061	0.3061
7	11-1-2021	1-31-2022	0.2969	0.2969
8	2-1-2022	4-30-2022	0.2679	0.2679
9	5-1-2022	7-31-2022	0.2763	0.2763
10	8-1-2022	9-30-2022	0.1832	0.1832
		Highest	1.6940	1.6940

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6129	7.1100e-003	0.4704	4.0000e-005		2.7300e-003	2.7300e-003		2.7300e-003	2.7300e-003	0.0000	2.7330	2.7330	7.8000e-004	4.0000e-005	2.7633
Energy	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	174.6814	174.6814	8.6200e-003	3.1900e-003	175.8464
Mobile	0.1458	0.6695	1.6438	5.7400e-003	0.5068	4.8900e-003	0.5117	0.1360	4.5700e-003	0.1406	0.0000	526.1818	526.1818	0.0190	0.0000	526.6559
Waste						0.0000	0.0000		0.0000	0.0000	18.5859	0.0000	18.5859	1.0984	0.0000	46.0457
Water						0.0000	0.0000		0.0000	0.0000	1.3022	4.6945	5.9967	0.1342	3.2400e-003	10.3173
Total	**0.7686**	**0.7610**	**2.1501**	**6.3200e-003**	**0.5068**	**0.0144**	**0.5213**	**0.1360**	**0.0141**	**0.1501**	**19.8881**	**708.2908**	**728.1789**	**1.2609**	**6.4700e-003**	**761.6286**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6129	7.1100e-003	0.4704	4.0000e-005		2.7300e-003	2.7300e-003		2.7300e-003	2.7300e-003	0.0000	2.7330	2.7330	7.8000e-004	4.0000e-005	2.7633
Energy	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	129.4499	129.4499	4.6500e-003	2.3700e-003	130.2715
Mobile	0.1458	0.6695	1.6438	5.7400e-003	0.5068	4.8900e-003	0.5117	0.1360	4.5700e-003	0.1406	0.0000	526.1818	526.1818	0.0190	0.0000	526.6559
Waste						0.0000	0.0000		0.0000	0.0000	14.6828	0.0000	14.6828	0.8677	0.0000	36.3761
Water						0.0000	0.0000		0.0000	0.0000	1.0418	3.7556	4.7974	0.1073	2.5900e-003	8.2538
Total	**0.7686**	**0.7610**	**2.1501**	**6.3200e-003**	**0.5068**	**0.0144**	**0.5213**	**0.1360**	**0.0141**	**0.1501**	**15.7246**	**662.1204**	**677.8450**	**0.9995**	**5.0000e-003**	**704.3207**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**20.93**	**6.52**	**6.91**	**20.74**	**22.72**	**7.52**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	5/1/2020	5/28/2020	5	20	
2	Site Preparation	Site Preparation	5/29/2020	6/11/2020	5	10	
3	Grading	Grading	6/12/2020	7/9/2020	5	20	
4	Paving	Paving	7/10/2020	8/6/2020	5	20	
5	Building Construction	Building Construction	8/7/2020	11/3/2022	5	585	
6	Architectural Coating	Architectural Coating	11/4/2022	12/1/2022	5	20	32-month total construction duration

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 4.08

Residential Indoor: 261,529; Residential Outdoor: 87,176; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Building Construction	Cranes	1	2.80	231	0.29
Building Construction	Forklifts	3	3.20	89	0.20
Building Construction	Generator Sets	1	3.20	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	2.80	97	0.37
Building Construction	Welders	1	3.20	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	5.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	4,663.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	38.00	13.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.0000e-004	0.0000	5.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0331	0.3320	0.2175	3.9000e-004		0.0166	0.0166		0.0154	0.0154	0.0000	33.9986	33.9986	9.6000e-003	0.0000	34.2386
Total	**0.0331**	**0.3320**	**0.2175**	**3.9000e-004**	**5.0000e-004**	**0.0166**	**0.0171**	**8.0000e-005**	**0.0154**	**0.0155**	**0.0000**	**33.9986**	**33.9986**	**9.6000e-003**	**0.0000**	**34.2386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	7.3000e-004	1.4000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1896	0.1896	1.0000e-005	0.0000	0.1898
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.6000e-004	3.7700e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0437	1.0437	3.0000e-005	0.0000	1.0443
Total	**5.2000e-004**	**1.0900e-003**	**3.9100e-003**	**1.0000e-005**	**1.2300e-003**	**1.0000e-005**	**1.2400e-003**	**3.3000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**1.2333**	**1.2333**	**4.0000e-005**	**0.0000**	**1.2341**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3000e-004	0.0000	2.3000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0331	0.3320	0.2175	3.9000e-004		0.0166	0.0166		0.0154	0.0154	0.0000	33.9986	33.9986	9.6000e-003	0.0000	34.2385
Total	**0.0331**	**0.3320**	**0.2175**	**3.9000e-004**	**2.3000e-004**	**0.0166**	**0.0168**	**3.0000e-005**	**0.0154**	**0.0155**	**0.0000**	**33.9986**	**33.9986**	**9.6000e-003**	**0.0000**	**34.2385**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	7.3000e-004	1.4000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1896	0.1896	1.0000e-005	0.0000	0.1898
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.6000e-004	3.7700e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0437	1.0437	3.0000e-005	0.0000	1.0443
Total	**5.2000e-004**	**1.0900e-003**	**3.9100e-003**	**1.0000e-005**	**1.2300e-003**	**1.0000e-005**	**1.2400e-003**	**3.3000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**1.2333**	**1.2333**	**4.0000e-005**	**0.0000**	**1.2341**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0204	0.2121	0.1076	1.9000e-004		0.0110	0.0110		0.0101	0.0101	0.0000	16.7153	16.7153	5.4100e-003	0.0000	16.8505
Total	**0.0204**	**0.2121**	**0.1076**	**1.9000e-004**	**0.0903**	**0.0110**	**0.1013**	**0.0497**	**0.0101**	**0.0598**	**0.0000**	**16.7153**	**16.7153**	**5.4100e-003**	**0.0000**	**16.8505**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-004	2.2000e-004	2.2600e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6262	0.6262	2.0000e-005	0.0000	0.6266
Total	**3.0000e-004**	**2.2000e-004**	**2.2600e-003**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.6262**	**0.6262**	**2.0000e-005**	**0.0000**	**0.6266**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0407	0.0000	0.0407	0.0223	0.0000	0.0223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0204	0.2121	0.1076	1.9000e-004		0.0110	0.0110		0.0101	0.0101	0.0000	16.7153	16.7153	5.4100e-003	0.0000	16.8505
Total	**0.0204**	**0.2121**	**0.1076**	**1.9000e-004**	**0.0407**	**0.0110**	**0.0516**	**0.0223**	**0.0101**	**0.0325**	**0.0000**	**16.7153**	**16.7153**	**5.4100e-003**	**0.0000**	**16.8505**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-004	2.2000e-004	2.2600e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6262	0.6262	2.0000e-005	0.0000	0.6266
Total	**3.0000e-004**	**2.2000e-004**	**2.2600e-003**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.6262**	**0.6262**	**2.0000e-005**	**0.0000**	**0.6266**

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0676	0.0000	0.0676	0.0340	0.0000	0.0340	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0243	0.2639	0.1605	3.0000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	26.0588	26.0588	8.4300e-003	0.0000	26.2694
Total	**0.0243**	**0.2639**	**0.1605**	**3.0000e-004**	**0.0676**	**0.0127**	**0.0804**	**0.0340**	**0.0117**	**0.0457**	**0.0000**	**26.0588**	**26.0588**	**8.4300e-003**	**0.0000**	**26.2694**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0193	0.6767	0.1274	1.8300e-003	0.0395	2.2300e-003	0.0417	0.0109	2.1300e-003	0.0130	0.0000	176.7928	176.7928	7.8700e-003	0.0000	176.9894
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.6000e-004	3.7700e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0437	1.0437	3.0000e-005	0.0000	1.0443
Total	**0.0198**	**0.6771**	**0.1311**	**1.8400e-003**	**0.0407**	**2.2400e-003**	**0.0429**	**0.0112**	**2.1400e-003**	**0.0133**	**0.0000**	**177.8365**	**177.8365**	**7.9000e-003**	**0.0000**	**178.0338**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0304	0.0000	0.0304	0.0153	0.0000	0.0153	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0243	0.2639	0.1605	3.0000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	26.0587	26.0587	8.4300e-003	0.0000	26.2694
Total	**0.0243**	**0.2639**	**0.1605**	**3.0000e-004**	**0.0304**	**0.0127**	**0.0432**	**0.0153**	**0.0117**	**0.0270**	**0.0000**	**26.0587**	**26.0587**	**8.4300e-003**	**0.0000**	**26.2694**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0193	0.6767	0.1274	1.8300e-003	0.0395	2.2300e-003	0.0417	0.0109	2.1300e-003	0.0130	0.0000	176.7928	176.7928	7.8700e-003	0.0000	176.9894
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.6000e-004	3.7700e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0437	1.0437	3.0000e-005	0.0000	1.0443
Total	**0.0198**	**0.6771**	**0.1311**	**1.8400e-003**	**0.0407**	**2.2400e-003**	**0.0429**	**0.0112**	**2.1400e-003**	**0.0133**	**0.0000**	**177.8365**	**177.8365**	**7.9000e-003**	**0.0000**	**178.0338**

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0136	0.1407	0.1465	2.3000e-004		7.5300e-003	7.5300e-003		6.9300e-003	6.9300e-003	0.0000	20.0282	20.0282	6.4800e-003	0.0000	20.1902
Paving	1.1000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0147**	**0.1407**	**0.1465**	**2.3000e-004**		**7.5300e-003**	**7.5300e-003**		**6.9300e-003**	**6.9300e-003**	**0.0000**	**20.0282**	**20.0282**	**6.4800e-003**	**0.0000**	**20.1902**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.6000e-004	3.7700e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0437	1.0437	3.0000e-005	0.0000	1.0443
Total	**5.0000e-004**	**3.6000e-004**	**3.7700e-003**	**1.0000e-005**	**1.1900e-003**	**1.0000e-005**	**1.2000e-003**	**3.2000e-004**	**1.0000e-005**	**3.2000e-004**	**0.0000**	**1.0437**	**1.0437**	**3.0000e-005**	**0.0000**	**1.0443**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0136	0.1407	0.1465	2.3000e-004		7.5300e-003	7.5300e-003		6.9300e-003	6.9300e-003	0.0000	20.0282	20.0282	6.4800e-003	0.0000	20.1901
Paving	1.1000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0147**	**0.1407**	**0.1465**	**2.3000e-004**		**7.5300e-003**	**7.5300e-003**		**6.9300e-003**	**6.9300e-003**	**0.0000**	**20.0282**	**20.0282**	**6.4800e-003**	**0.0000**	**20.1901**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.6000e-004	3.7700e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0437	1.0437	3.0000e-005	0.0000	1.0443
Total	**5.0000e-004**	**3.6000e-004**	**3.7700e-003**	**1.0000e-005**	**1.1900e-003**	**1.0000e-005**	**1.2000e-003**	**3.2000e-004**	**1.0000e-005**	**3.2000e-004**	**0.0000**	**1.0437**	**1.0437**	**3.0000e-005**	**0.0000**	**1.0443**

3.6 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0445	0.4029	0.3538	5.7000e-004		0.0235	0.0235		0.0221	0.0221	0.0000	48.6381	48.6381	0.0119	0.0000	48.9348
Total	**0.0445**	**0.4029**	**0.3538**	**5.7000e-004**		**0.0235**	**0.0235**		**0.0221**	**0.0221**	**0.0000**	**48.6381**	**48.6381**	**0.0119**	**0.0000**	**48.9348**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7400e-003	0.0783	0.0201	1.9000e-004	4.4900e-003	4.0000e-004	4.8900e-003	1.3000e-003	3.8000e-004	1.6800e-003	0.0000	17.8032	17.8032	8.7000e-004	0.0000	17.8250
Worker	6.6900e-003	4.8400e-003	0.0501	1.5000e-004	0.0158	1.1000e-004	0.0159	4.2100e-003	1.0000e-004	4.3100e-003	0.0000	13.8810	13.8810	3.4000e-004	0.0000	13.8896
Total	**9.4300e-003**	**0.0831**	**0.0702**	**3.4000e-004**	**0.0203**	**5.1000e-004**	**0.0208**	**5.5100e-003**	**4.8000e-004**	**5.9900e-003**	**0.0000**	**31.6842**	**31.6842**	**1.2100e-003**	**0.0000**	**31.7146**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0445	0.4029	0.3538	5.7000e-004		0.0235	0.0235		0.0221	0.0221	0.0000	48.6380	48.6380	0.0119	0.0000	48.9347
Total	**0.0445**	**0.4029**	**0.3538**	**5.7000e-004**		**0.0235**	**0.0235**		**0.0221**	**0.0221**	**0.0000**	**48.6380**	**48.6380**	**0.0119**	**0.0000**	**48.9347**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7400e-003	0.0783	0.0201	1.9000e-004	4.4900e-003	4.0000e-004	4.8900e-003	1.3000e-003	3.8000e-004	1.6800e-003	0.0000	17.8032	17.8032	8.7000e-004	0.0000	17.8250
Worker	6.6900e-003	4.8400e-003	0.0501	1.5000e-004	0.0158	1.1000e-004	0.0159	4.2100e-003	1.0000e-004	4.3100e-003	0.0000	13.8810	13.8810	3.4000e-004	0.0000	13.8896
Total	**9.4300e-003**	**0.0831**	**0.0702**	**3.4000e-004**	**0.0203**	**5.1000e-004**	**0.0208**	**5.5100e-003**	**4.8000e-004**	**5.9900e-003**	**0.0000**	**31.6842**	**31.6842**	**1.2100e-003**	**0.0000**	**31.7146**

3.6 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0992	0.9100	0.8652	1.4100e-003		0.0500	0.0500		0.0471	0.0471	0.0000	120.9147	120.9147	0.0292	0.0000	121.6439
Total	**0.0992**	**0.9100**	**0.8652**	**1.4100e-003**		**0.0500**	**0.0500**		**0.0471**	**0.0471**	**0.0000**	**120.9147**	**120.9147**	**0.0292**	**0.0000**	**121.6439**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5500e-003	0.1754	0.0446	4.6000e-004	0.0112	3.9000e-004	0.0116	3.2300e-003	3.8000e-004	3.6000e-003	0.0000	43.8553	43.8553	2.0400e-003	0.0000	43.9062
Worker	0.0154	0.0107	0.1136	3.7000e-004	0.0393	2.6000e-004	0.0396	0.0105	2.4000e-004	0.0107	0.0000	33.2810	33.2810	7.6000e-004	0.0000	33.2999
Total	**0.0209**	**0.1861**	**0.1581**	**8.3000e-004**	**0.0505**	**6.5000e-004**	**0.0511**	**0.0137**	**6.2000e-004**	**0.0143**	**0.0000**	**77.1363**	**77.1363**	**2.8000e-003**	**0.0000**	**77.2061**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0992	0.9100	0.8652	1.4100e-003		0.0500	0.0500		0.0471	0.0471	0.0000	120.9145	120.9145	0.0292	0.0000	121.6438
Total	**0.0992**	**0.9100**	**0.8652**	**1.4100e-003**		**0.0500**	**0.0500**		**0.0471**	**0.0471**	**0.0000**	**120.9145**	**120.9145**	**0.0292**	**0.0000**	**121.6438**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5500e-003	0.1754	0.0446	4.6000e-004	0.0112	3.9000e-004	0.0116	3.2300e-003	3.8000e-004	3.6000e-003	0.0000	43.8553	43.8553	2.0400e-003	0.0000	43.9062
Worker	0.0154	0.0107	0.1136	3.7000e-004	0.0393	2.6000e-004	0.0396	0.0105	2.4000e-004	0.0107	0.0000	33.2810	33.2810	7.6000e-004	0.0000	33.2999
Total	**0.0209**	**0.1861**	**0.1581**	**8.3000e-004**	**0.0505**	**6.5000e-004**	**0.0511**	**0.0137**	**6.2000e-004**	**0.0143**	**0.0000**	**77.1363**	**77.1363**	**2.8000e-003**	**0.0000**	**77.2061**

3.6 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0747	0.6840	0.7167	1.1800e-003		0.0354	0.0354		0.0333	0.0333	0.0000	101.4957	101.4957	0.0243	0.0000	102.1035
Total	**0.0747**	**0.6840**	**0.7167**	**1.1800e-003**		**0.0354**	**0.0354**		**0.0333**	**0.0333**	**0.0000**	**101.4957**	**101.4957**	**0.0243**	**0.0000**	**102.1035**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.3400e-003	0.1390	0.0351	3.8000e-004	9.3600e-003	2.9000e-004	9.6500e-003	2.7100e-003	2.7000e-004	2.9800e-003	0.0000	36.4495	36.4495	1.6200e-003	0.0000	36.4900
Worker	0.0120	8.0700e-003	0.0875	3.0000e-004	0.0330	2.1000e-004	0.0332	8.7800e-003	1.9000e-004	8.9700e-003	0.0000	26.8886	26.8886	5.7000e-004	0.0000	26.9029
Total	**0.0163**	**0.1471**	**0.1226**	**6.8000e-004**	**0.0424**	**5.0000e-004**	**0.0429**	**0.0115**	**4.6000e-004**	**0.0120**	**0.0000**	**63.3381**	**63.3381**	**2.1900e-003**	**0.0000**	**63.3928**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0747	0.6840	0.7167	1.1800e-003		0.0354	0.0354		0.0333	0.0333	0.0000	101.4955	101.4955	0.0243	0.0000	102.1034
Total	**0.0747**	**0.6840**	**0.7167**	**1.1800e-003**		**0.0354**	**0.0354**		**0.0333**	**0.0333**	**0.0000**	**101.4955**	**101.4955**	**0.0243**	**0.0000**	**102.1034**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.3400e-003	0.1390	0.0351	3.8000e-004	9.3600e-003	2.9000e-004	9.6500e-003	2.7100e-003	2.7000e-004	2.9800e-003	0.0000	36.4495	36.4495	1.6200e-003	0.0000	36.4900
Worker	0.0120	8.0700e-003	0.0875	3.0000e-004	0.0330	2.1000e-004	0.0332	8.7800e-003	1.9000e-004	8.9700e-003	0.0000	26.8886	26.8886	5.7000e-004	0.0000	26.9029
Total	**0.0163**	**0.1471**	**0.1226**	**6.8000e-004**	**0.0424**	**5.0000e-004**	**0.0429**	**0.0115**	**4.6000e-004**	**0.0120**	**0.0000**	**63.3381**	**63.3381**	**2.1900e-003**	**0.0000**	**63.3928**

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.9168					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0500e-003	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574
Total	**0.9188**	**0.0141**	**0.0181**	**3.0000e-005**		**8.2000e-004**	**8.2000e-004**		**8.2000e-004**	**8.2000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.7000e-004**	**0.0000**	**2.5574**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3000e-004	1.6000e-004	1.6800e-003	1.0000e-005	6.3000e-004	0.0000	6.4000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.5170	0.5170	1.0000e-005	0.0000	0.5172
Total	**2.3000e-004**	**1.6000e-004**	**1.6800e-003**	**1.0000e-005**	**6.3000e-004**	**0.0000**	**6.4000e-004**	**1.7000e-004**	**0.0000**	**1.7000e-004**	**0.0000**	**0.5170**	**0.5170**	**1.0000e-005**	**0.0000**	**0.5172**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.9168					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0500e-003	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574
Total	**0.9188**	**0.0141**	**0.0181**	**3.0000e-005**		**8.2000e-004**	**8.2000e-004**		**8.2000e-004**	**8.2000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.7000e-004**	**0.0000**	**2.5574**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3000e-004	1.6000e-004	1.6800e-003	1.0000e-005	6.3000e-004	0.0000	6.4000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.5170	0.5170	1.0000e-005	0.0000	0.5172
Total	**2.3000e-004**	**1.6000e-004**	**1.6800e-003**	**1.0000e-005**	**6.3000e-004**	**0.0000**	**6.4000e-004**	**1.7000e-004**	**0.0000**	**1.7000e-004**	**0.0000**	**0.5170**	**0.5170**	**1.0000e-005**	**0.0000**	**0.5172**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1458	0.6695	1.6438	5.7400e-003	0.5068	4.8900e-003	0.5117	0.1360	4.5700e-003	0.1406	0.0000	526.1818	526.1818	0.0190	0.0000	526.6559
Unmitigated	0.1458	0.6695	1.6438	5.7400e-003	0.5068	4.8900e-003	0.5117	0.1360	4.5700e-003	0.1406	0.0000	526.1818	526.1818	0.0190	0.0000	526.6559

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	594.72	601.02	538.65	1,357,148	1,357,148
Total	594.72	601.02	538.65	1,357,148	1,357,148

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835
Other Non-Asphalt Surfaces	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835
Parking Lot	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835
Single Family Housing	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	31.7354	31.7354	2.7800e-003	5.8000e-004	31.9764
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	76.9669	76.9669	6.7400e-003	1.4000e-003	77.5513
NaturalGas Mitigated	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	97.7145	97.7145	1.8700e-003	1.7900e-003	98.2952
NaturalGas Unmitigated	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	97.7145	97.7145	1.8700e-003	1.7900e-003	98.2952

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.8311e+006	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	97.7145	97.7145	1.8700e-003	1.7900e-003	98.2952
Total		**9.8700e-003**	**0.0844**	**0.0359**	**5.4000e-004**		**6.8200e-003**	**6.8200e-003**		**6.8200e-003**	**6.8200e-003**	**0.0000**	**97.7145**	**97.7145**	**1.8700e-003**	**1.7900e-003**	**98.2952**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.8311e+006	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	97.7145	97.7145	1.8700e-003	1.7900e-003	98.2952
Total		**9.8700e-003**	**0.0844**	**0.0359**	**5.4000e-004**		**6.8200e-003**	**6.8200e-003**		**6.8200e-003**	**6.8200e-003**	**0.0000**	**97.7145**	**97.7145**	**1.8700e-003**	**1.7900e-003**	**98.2952**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	2931.6	0.4402	4.0000e-005	1.0000e-005	0.4435
Single Family Housing	509706	76.5268	6.7000e-003	1.3900e-003	77.1078
Total		**76.9669**	**6.7400e-003**	**1.4000e-003**	**77.5513**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	-75316	-11.3079	-0.0010	-0.0002	-11.3937
Other Non-Asphalt Surfaces	-75316	-11.3079	-0.0010	-0.0002	-11.3937
Parking Lot	-72384.4	-10.8677	-0.0010	-0.0002	-10.9502
Single Family Housing	434390	65.2189	5.7100e-003	1.1800e-003	65.7141
Total		**31.7354**	**2.7800e-003**	**5.8000e-004**	**31.9764**

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6129	7.1100e-003	0.4704	4.0000e-005		2.7300e-003	2.7300e-003		2.7300e-003	2.7300e-003	0.0000	2.7330	2.7330	7.8000e-004	4.0000e-005	2.7633
Unmitigated	0.6129	7.1100e-003	0.4704	4.0000e-005		2.7300e-003	2.7300e-003		2.7300e-003	2.7300e-003	0.0000	2.7330	2.7330	7.8000e-004	4.0000e-005	2.7633

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0917					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5068					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.0000e-004	1.7000e-003	7.2000e-004	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	1.9662	1.9662	4.0000e-005	4.0000e-005	1.9779
Landscaping	0.0143	5.4100e-003	0.4697	2.0000e-005		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003	0.0000	0.7668	0.7668	7.4000e-004	0.0000	0.7854
Total	**0.6129**	**7.1100e-003**	**0.4704**	**3.0000e-005**		**2.7300e-003**	**2.7300e-003**		**2.7300e-003**	**2.7300e-003**	**0.0000**	**2.7330**	**2.7330**	**7.8000e-004**	**4.0000e-005**	**2.7633**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0917					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5068					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.0000e-004	1.7000e-003	7.2000e-004	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	1.9662	1.9662	4.0000e-005	4.0000e-005	1.9779
Landscaping	0.0143	5.4100e-003	0.4697	2.0000e-005		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003	0.0000	0.7668	0.7668	7.4000e-004	0.0000	0.7854
Total	**0.6129**	**7.1100e-003**	**0.4704**	**3.0000e-005**		**2.7300e-003**	**2.7300e-003**		**2.7300e-003**	**2.7300e-003**	**0.0000**	**2.7330**	**2.7330**	**7.8000e-004**	**4.0000e-005**	**2.7633**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	4.7974	0.1073	2.5900e-003	8.2538
Unmitigated	5.9967	0.1342	3.2400e-003	10.3173

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	4.1047 / 2.58775	5.9967	0.1342	3.2400e-003	10.3173
Total		**5.9967**	**0.1342**	**3.2400e-003**	**10.3173**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.28376 / 2.0702	4.7974	0.1073	2.5900e-003	8.2538
Total		**4.7974**	**0.1073**	**2.5900e-003**	**8.2538**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	14.6828	0.8677	0.0000	36.3761
Unmitigated	18.5859	1.0984	0.0000	46.0457

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	91.56	18.5859	1.0984	0.0000	46.0457
Total		**18.5859**	**1.0984**	**0.0000**	**46.0457**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	72.3324	14.6828	0.8677	0.0000	36.3761
Total		**14.6828**	**0.8677**	**0.0000**	**36.3761**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Vines at Oakley Project - Unmitigated Construction and Operations

Contra Costa County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.65	Acre	0.65	28,314.00	0
Other Non-Asphalt Surfaces	141.12	1000sqft	3.24	0.00	0
Parking Lot	8.38	1000sqft	0.19	8,376.00	0
Single Family Housing	63.00	Dwelling Unit	5.79	129,150.00	218

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	331	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor adjusted to reflect Marin Clean Energy's GHG Emissions Factors (PG&E selected because Marin Clean Energy is not a selection in CalEEMod)
Anticipated construction start date: May 2020

Land Use - Based on site plan and project description
Bioretention basin represented by other non-asphalt surfaces

Construction Phase - Adjusted the building construction phase to match the applicant-provided construction schedule

Off-road Equipment - Construction equipment adjusted to conserve default HP hours for the building construction phase

Demolition - Demolition of existing buildings to be removed totaling 1,020 square feet. Square footage estimate of existing buildings to be demolished provided by the project applicant.

Grading - Cut: 13,000 CY
Fill: 24,300 CY
Cut/fill estimates provided by the project applicant.

Vehicle Trips - Consistent with the Village at Main Traffic Impact Analysis, trip generation rates were obtained from the ITE Trip Generation Manual, 10th Edition for ITE land use code 210.

Woodstoves - No woodburning

Construction Off-road Equipment Mitigation - Compliance with BAAQMD best management practices threshold for fugitive dust; recommended measures from BAAQMD's Basic Construction Mitigation Measures Recommended for All Proposed Projects.

Water Mitigation - Compliance with Green Building Code Standards

Waste Mitigation - Statewide diversion/recycling mandate (21% percent reduction for Oakley)

Energy Mitigation - Anticipated total on-site renewable energy production: 301,264 kWh/year

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	230.00	585.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberWood	27.09	0.00
tblGrading	MaterialExported	0.00	24,300.00
tblGrading	MaterialImported	0.00	13,000.00
tblLandUse	LandUseSquareFeet	141,120.00	0.00
tblLandUse	LandUseSquareFeet	8,380.00	8,376.00
tblLandUse	LandUseSquareFeet	113,400.00	129,150.00
tblLandUse	LotAcreage	20.45	5.79
tblLandUse	Population	180.00	218.00
tblOffRoadEquipment	UsageHours	7.00	2.80
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	7.00	2.80
tblOffRoadEquipment	UsageHours	8.00	3.20
tblProjectCharacteristics	CO2IntensityFactor	641.35	331
tblVehicleTrips	ST_TR	9.91	9.54
tblVehicleTrips	SU_TR	8.62	8.55
tblVehicleTrips	WD_TR	9.52	9.44
tblWoodstoves	WoodstoveWoodMass	956.80	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.3855	92.7699	28.7807	0.2156	18.2141	2.1984	20.4125	9.9699	2.0225	11.9924	0.0000	22,627.0037	22,627.0037	1.7762	0.0000	22,671.4076
2021	0.9296	8.3763	7.9247	0.0174	0.4002	0.3884	0.7885	0.1081	0.3652	0.4733	0.0000	1,702.2587	1,702.2587	0.2699	0.0000	1,709.0058
2022	91.9085	7.5692	7.7431	0.0173	0.4002	0.3281	0.7283	0.1081	0.3087	0.4168	0.0000	1,687.7337	1,687.7337	0.2667	0.0000	1,694.4010
Maximum	**91.9085**	**92.7699**	**28.7807**	**0.2156**	**18.2141**	**2.1984**	**20.4125**	**9.9699**	**2.0225**	**11.9924**	**0.0000**	**22,627.0037**	**22,627.0037**	**1.7762**	**0.0000**	**22,671.4076**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.3855	92.7699	28.7807	0.2156	8.2777	2.1984	10.4761	4.5080	2.0225	6.5305	0.0000	22,627.0037	22,627.0037	1.7762	0.0000	22,671.4076
2021	0.9296	8.3763	7.9247	0.0174	0.4002	0.3884	0.7885	0.1081	0.3652	0.4733	0.0000	1,702.2587	1,702.2587	0.2699	0.0000	1,709.0058
2022	91.9085	7.5692	7.7431	0.0173	0.4002	0.3281	0.7283	0.1081	0.3087	0.4168	0.0000	1,687.7337	1,687.7337	0.2667	0.0000	1,694.4010
Maximum	**91.9085**	**92.7699**	**28.7807**	**0.2156**	**8.2777**	**2.1984**	**10.4761**	**4.5080**	**2.0225**	**6.5305**	**0.0000**	**22,627.0037**	**22,627.0037**	**1.7762**	**0.0000**	**22,671.4076**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**52.26**	**0.00**	**45.31**	**53.62**	**0.00**	**42.40**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.4734	0.3650	5.3482	2.2200e-003		0.0535	0.0535		0.0535	0.0535	0.0000	398.5093	398.5093	0.0166	7.1300e-003	401.0495
Energy	0.0541	0.4623	0.1967	2.9500e-003		0.0374	0.0374		0.0374	0.0374		590.2017	590.2017	0.0113	0.0108	593.7089
Mobile	0.9776	3.6523	9.7978	0.0346	2.9484	0.0275	2.9759	0.7888	0.0257	0.8145		3,490.1280	3,490.1280	0.1189		3,493.1014
Total	**4.5051**	**4.4796**	**15.3428**	**0.0398**	**2.9484**	**0.1183**	**3.0667**	**0.7888**	**0.1165**	**0.9053**	**0.0000**	**4,478.8390**	**4,478.8390**	**0.1468**	**0.0180**	**4,487.8598**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.4734	0.3650	5.3482	2.2200e-003		0.0535	0.0535		0.0535	0.0535	0.0000	398.5093	398.5093	0.0166	7.1300e-003	401.0495
Energy	0.0541	0.4623	0.1967	2.9500e-003		0.0374	0.0374		0.0374	0.0374		590.2017	590.2017	0.0113	0.0108	593.7089
Mobile	0.9776	3.6523	9.7978	0.0346	2.9484	0.0275	2.9759	0.7888	0.0257	0.8145		3,490.1280	3,490.1280	0.1189		3,493.1014
Total	**4.5051**	**4.4796**	**15.3428**	**0.0398**	**2.9484**	**0.1183**	**3.0667**	**0.7888**	**0.1165**	**0.9053**	**0.0000**	**4,478.8390**	**4,478.8390**	**0.1468**	**0.0180**	**4,487.8598**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	5/1/2020	5/28/2020	5	20	
2	Site Preparation	Site Preparation	5/29/2020	6/11/2020	5	10	
3	Grading	Grading	6/12/2020	7/9/2020	5	20	
4	Paving	Paving	7/10/2020	8/6/2020	5	20	
5	Building Construction	Building Construction	8/7/2020	11/3/2022	5	585	
6	Architectural Coating	Architectural Coating	11/4/2022	12/1/2022	5	20	32-month total construction duration

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 4.08

Residential Indoor: 261,529; Residential Outdoor: 87,176; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Building Construction	Cranes	1	2.80	231	0.29
Building Construction	Forklifts	3	3.20	89	0.20
Building Construction	Generator Sets	1	3.20	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	2.80	97	0.37
Building Construction	Welders	1	3.20	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	5.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	4,663.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	38.00	13.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0502	0.0000	0.0502	7.6000e-003	0.0000	7.6000e-003			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**0.0502**	**1.6587**	**1.7089**	**7.6000e-003**	**1.5419**	**1.5495**		**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0400e-003	0.0712	0.0132	2.0000e-004	4.3700e-003	2.4000e-004	4.6000e-003	1.2000e-003	2.3000e-004	1.4200e-003		21.0477	21.0477	9.1000e-004		21.0704
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0546	0.0326	0.4216	1.2600e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		125.4133	125.4133	3.0700e-003		125.4901
Total	**0.0566**	**0.1037**	**0.4348**	**1.4600e-003**	**0.1276**	**1.0300e-003**	**0.1286**	**0.0339**	**9.6000e-004**	**0.0348**		**146.4610**	**146.4610**	**3.9800e-003**		**146.5604**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0226	0.0000	0.0226	3.4200e-003	0.0000	3.4200e-003			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**0.0226**	**1.6587**	**1.6813**	**3.4200e-003**	**1.5419**	**1.5453**	**0.0000**	**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0400e-003	0.0712	0.0132	2.0000e-004	4.3700e-003	2.4000e-004	4.6000e-003	1.2000e-003	2.3000e-004	1.4200e-003		21.0477	21.0477	9.1000e-004		21.0704
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0546	0.0326	0.4216	1.2600e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		125.4133	125.4133	3.0700e-003		125.4901
Total	**0.0566**	**0.1037**	**0.4348**	**1.4600e-003**	**0.1276**	**1.0300e-003**	**0.1286**	**0.0339**	**9.6000e-004**	**0.0348**		**146.4610**	**146.4610**	**3.9800e-003**		**146.5604**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**18.0663**	**2.1974**	**20.2637**	**9.9307**	**2.0216**	**11.9523**		**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0655	0.0391	0.5059	1.5100e-003	0.1479	9.5000e-004	0.1488	0.0392	8.8000e-004	0.0401		150.4960	150.4960	3.6800e-003		150.5881
Total	**0.0655**	**0.0391**	**0.5059**	**1.5100e-003**	**0.1479**	**9.5000e-004**	**0.1488**	**0.0392**	**8.8000e-004**	**0.0401**		**150.4960**	**150.4960**	**3.6800e-003**		**150.5881**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**8.1298**	**2.1974**	**10.3272**	**4.4688**	**2.0216**	**6.4904**	**0.0000**	**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0655	0.0391	0.5059	1.5100e-003	0.1479	9.5000e-004	0.1488	0.0392	8.8000e-004	0.0401		150.4960	150.4960	3.6800e-003		150.5881
Total	**0.0655**	**0.0391**	**0.5059**	**1.5100e-003**	**0.1479**	**9.5000e-004**	**0.1488**	**0.0392**	**8.8000e-004**	**0.0401**		**150.4960**	**150.4960**	**3.6800e-003**		**150.5881**

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.7633	0.0000	6.7633	3.3994	0.0000	3.3994			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716		2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**6.7633**	**1.2734**	**8.0367**	**3.3994**	**1.1716**	**4.5710**		**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9021	66.3514	12.3062	0.1847	4.0722	0.2210	4.2933	1.1158	0.2114	1.3273		19,629.1053	19,629.1053	0.8441		19,650.2069
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0546	0.0326	0.4216	1.2600e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		125.4133	125.4133	3.0700e-003		125.4901
Total	**1.9567**	**66.3840**	**12.7277**	**0.1859**	**4.1955**	**0.2218**	**4.4173**	**1.1485**	**0.2122**	**1.3607**		**19,754.5186**	**19,754.5186**	**0.8471**		**19,775.6970**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.0435	0.0000	3.0435	1.5297	0.0000	1.5297			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716	0.0000	2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**3.0435**	**1.2734**	**4.3169**	**1.5297**	**1.1716**	**2.7013**	**0.0000**	**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9021	66.3514	12.3062	0.1847	4.0722	0.2210	4.2933	1.1158	0.2114	1.3273		19,629.1053	19,629.1053	0.8441		19,650.2069
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0546	0.0326	0.4216	1.2600e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		125.4133	125.4133	3.0700e-003		125.4901
Total	**1.9567**	**66.3840**	**12.7277**	**0.1859**	**4.1955**	**0.2218**	**4.4173**	**1.1485**	**0.2122**	**1.3607**		**19,754.5186**	**19,754.5186**	**0.8471**		**19,775.6970**

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4666**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0546	0.0326	0.4216	1.2600e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		125.4133	125.4133	3.0700e-003		125.4901
Total	**0.0546**	**0.0326**	**0.4216**	**1.2600e-003**	**0.1232**	**7.9000e-004**	**0.1240**	**0.0327**	**7.3000e-004**	**0.0334**		**125.4133**	**125.4133**	**3.0700e-003**		**125.4901**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4666**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0546	0.0326	0.4216	1.2600e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		125.4133	125.4133	3.0700e-003		125.4901
Total	**0.0546**	**0.0326**	**0.4216**	**1.2600e-003**	**0.1232**	**7.9000e-004**	**0.1240**	**0.0327**	**7.3000e-004**	**0.0334**		**125.4133**	**125.4133**	**3.0700e-003**		**125.4901**

3.6 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8479	7.6744	6.7394	0.0108		0.4468	0.4468		0.4201	0.4201		1,021.2252	1,021.2252	0.2491		1,027.4538
Total	**0.8479**	**7.6744**	**6.7394**	**0.0108**		**0.4468**	**0.4468**		**0.4201**	**0.4201**		**1,021.2252**	**1,021.2252**	**0.2491**		**1,027.4538**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0511	1.4732	0.3588	3.5800e-003	0.0880	7.5700e-003	0.0956	0.0253	7.2400e-003	0.0326		377.8568	377.8568	0.0176		378.2972
Worker	0.1382	0.0825	1.0680	3.1900e-003	0.3122	2.0100e-003	0.3142	0.0828	1.8500e-003	0.0847		317.7137	317.7137	7.7800e-003		317.9082
Total	**0.1894**	**1.5558**	**1.4268**	**6.7700e-003**	**0.4002**	**9.5800e-003**	**0.4097**	**0.1081**	**9.0900e-003**	**0.1172**		**695.5705**	**695.5705**	**0.0254**		**696.2054**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8479	7.6744	6.7394	0.0108		0.4468	0.4468		0.4201	0.4201	0.0000	1,021.2252	1,021.2252	0.2491		1,027.4538
Total	**0.8479**	**7.6744**	**6.7394**	**0.0108**		**0.4468**	**0.4468**		**0.4201**	**0.4201**	**0.0000**	**1,021.2252**	**1,021.2252**	**0.2491**		**1,027.4538**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0511	1.4732	0.3588	3.5800e-003	0.0880	7.5700e-003	0.0956	0.0253	7.2400e-003	0.0326		377.8568	377.8568	0.0176		378.2972
Worker	0.1382	0.0825	1.0680	3.1900e-003	0.3122	2.0100e-003	0.3142	0.0828	1.8500e-003	0.0847		317.7137	317.7137	7.7800e-003		317.9082
Total	**0.1894**	**1.5558**	**1.4268**	**6.7700e-003**	**0.4002**	**9.5800e-003**	**0.4097**	**0.1081**	**9.0900e-003**	**0.1172**		**695.5705**	**695.5705**	**0.0254**		**696.2054**

3.6 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7604	6.9728	6.6301	0.0108		0.3835	0.3835		0.3605	0.3605		1,021.3456	1,021.3456	0.2464		1,027.5057
Total	**0.7604**	**6.9728**	**6.6301**	**0.0108**		**0.3835**	**0.3835**		**0.3605**	**0.3605**		**1,021.3456**	**1,021.3456**	**0.2464**		**1,027.5057**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0416	1.3298	0.3184	3.5500e-003	0.0880	2.9700e-003	0.0910	0.0253	2.8400e-003	0.0282		374.4671	374.4671	0.0165		374.8803
Worker	0.1276	0.0737	0.9762	3.0700e-003	0.3122	1.9600e-003	0.3141	0.0828	1.8000e-003	0.0846		306.4461	306.4461	6.9500e-003		306.6199
Total	**0.1692**	**1.4034**	**1.2946**	**6.6200e-003**	**0.4002**	**4.9300e-003**	**0.4051**	**0.1081**	**4.6400e-003**	**0.1128**		**680.9132**	**680.9132**	**0.0235**		**681.5001**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7604	6.9728	6.6301	0.0108		0.3835	0.3835		0.3605	0.3605	0.0000	1,021.3456	1,021.3456	0.2464		1,027.5057
Total	**0.7604**	**6.9728**	**6.6301**	**0.0108**		**0.3835**	**0.3835**		**0.3605**	**0.3605**	**0.0000**	**1,021.3456**	**1,021.3456**	**0.2464**		**1,027.5057**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0416	1.3298	0.3184	3.5500e-003	0.0880	2.9700e-003	0.0910	0.0253	2.8400e-003	0.0282		374.4671	374.4671	0.0165		374.8803
Worker	0.1276	0.0737	0.9762	3.0700e-003	0.3122	1.9600e-003	0.3141	0.0828	1.8000e-003	0.0846		306.4461	306.4461	6.9500e-003		306.6199
Total	**0.1692**	**1.4034**	**1.2946**	**6.6200e-003**	**0.4002**	**4.9300e-003**	**0.4051**	**0.1081**	**4.6400e-003**	**0.1128**		**680.9132**	**680.9132**	**0.0235**		**681.5001**

3.6 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6825	6.2463	6.5454	0.0108		0.3236	0.3236		0.3045	0.3045		1,021.7334	1,021.7334	0.2448		1,027.8529
Total	**0.6825**	**6.2463**	**6.5454**	**0.0108**		**0.3236**	**0.3236**		**0.3045**	**0.3045**		**1,021.7334**	**1,021.7334**	**0.2448**		**1,027.8529**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0388	1.2570	0.2986	3.5200e-003	0.0880	2.5800e-003	0.0906	0.0253	2.4600e-003	0.0278		370.9431	370.9431	0.0157		371.3349
Worker	0.1185	0.0660	0.8992	2.9600e-003	0.3122	1.9100e-003	0.3141	0.0828	1.7600e-003	0.0846		295.0572	295.0572	6.2400e-003		295.2133
Total	**0.1573**	**1.3230**	**1.1977**	**6.4800e-003**	**0.4002**	**4.4900e-003**	**0.4046**	**0.1081**	**4.2200e-003**	**0.1124**		**666.0003**	**666.0003**	**0.0219**		**666.5482**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6825	6.2463	6.5454	0.0108		0.3236	0.3236		0.3045	0.3045	0.0000	1,021.7334	1,021.7334	0.2448		1,027.8529
Total	**0.6825**	**6.2463**	**6.5454**	**0.0108**		**0.3236**	**0.3236**		**0.3045**	**0.3045**	**0.0000**	**1,021.7334**	**1,021.7334**	**0.2448**		**1,027.8529**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0388	1.2570	0.2986	3.5200e-003	0.0880	2.5800e-003	0.0906	0.0253	2.4600e-003	0.0278		370.9431	370.9431	0.0157		371.3349
Worker	0.1185	0.0660	0.8992	2.9600e-003	0.3122	1.9100e-003	0.3141	0.0828	1.7600e-003	0.0846		295.0572	295.0572	6.2400e-003		295.2133
Total	**0.1573**	**1.3230**	**1.1977**	**6.4800e-003**	**0.4002**	**4.4900e-003**	**0.4046**	**0.1081**	**4.2200e-003**	**0.1124**		**666.0003**	**666.0003**	**0.0219**		**666.5482**

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	91.6790					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**91.8836**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0250	0.0139	0.1893	6.2000e-004	0.0657	4.0000e-004	0.0661	0.0174	3.7000e-004	0.0178		62.1173	62.1173	1.3100e-003		62.1502
Total	**0.0250**	**0.0139**	**0.1893**	**6.2000e-004**	**0.0657**	**4.0000e-004**	**0.0661**	**0.0174**	**3.7000e-004**	**0.0178**		**62.1173**	**62.1173**	**1.3100e-003**		**62.1502**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	91.6790					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**91.8836**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0250	0.0139	0.1893	6.2000e-004	0.0657	4.0000e-004	0.0661	0.0174	3.7000e-004	0.0178		62.1173	62.1173	1.3100e-003		62.1502
Total	**0.0250**	**0.0139**	**0.1893**	**6.2000e-004**	**0.0657**	**4.0000e-004**	**0.0661**	**0.0174**	**3.7000e-004**	**0.0178**		**62.1173**	**62.1173**	**1.3100e-003**		**62.1502**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.9776	3.6523	9.7978	0.0346	2.9484	0.0275	2.9759	0.7888	0.0257	0.8145		3,490.1280	3,490.1280	0.1189		3,493.1014
Unmitigated	0.9776	3.6523	9.7978	0.0346	2.9484	0.0275	2.9759	0.7888	0.0257	0.8145		3,490.1280	3,490.1280	0.1189		3,493.1014

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	594.72	601.02	538.65	1,357,148	1,357,148
Total	594.72	601.02	538.65	1,357,148	1,357,148

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835
Other Non-Asphalt Surfaces	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835
Parking Lot	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835
Single Family Housing	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0541	0.4623	0.1967	2.9500e-003		0.0374	0.0374		0.0374	0.0374		590.2017	590.2017	0.0113	0.0108	593.7089
NaturalGas Unmitigated	0.0541	0.4623	0.1967	2.9500e-003		0.0374	0.0374		0.0374	0.0374		590.2017	590.2017	0.0113	0.0108	593.7089

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	5016.71	0.0541	0.4623	0.1967	2.9500e-003		0.0374	0.0374		0.0374	0.0374		590.2017	590.2017	0.0113	0.0108	593.7089
Total		**0.0541**	**0.4623**	**0.1967**	**2.9500e-003**		**0.0374**	**0.0374**		**0.0374**	**0.0374**		**590.2017**	**590.2017**	**0.0113**	**0.0108**	**593.7089**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	5.01671	0.0541	0.4623	0.1967	2.9500e-003		0.0374	0.0374		0.0374	0.0374		590.2017	590.2017	0.0113	0.0108	593.7089
Total		**0.0541**	**0.4623**	**0.1967**	**2.9500e-003**		**0.0374**	**0.0374**		**0.0374**	**0.0374**		**590.2017**	**590.2017**	**0.0113**	**0.0108**	**593.7089**

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.4734	0.3650	5.3482	2.2200e-003		0.0535	0.0535		0.0535	0.0535	0.0000	398.5093	398.5093	0.0166	7.1300e-003	401.0495
Unmitigated	3.4734	0.3650	5.3482	2.2200e-003		0.0535	0.0535		0.0535	0.0535	0.0000	398.5093	398.5093	0.0166	7.1300e-003	401.0495

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.5024					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.7768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0357	0.3048	0.1297	1.9500e-003		0.0246	0.0246		0.0246	0.0246	0.0000	389.1177	389.1177	7.4600e-003	7.1300e-003	391.4300
Landscaping	0.1586	0.0602	5.2185	2.8000e-004		0.0288	0.0288		0.0288	0.0288		9.3917	9.3917	9.1200e-003		9.6196
Total	**3.4734**	**0.3650**	**5.3482**	**2.2300e-003**		**0.0534**	**0.0534**		**0.0534**	**0.0534**	**0.0000**	**398.5093**	**398.5093**	**0.0166**	**7.1300e-003**	**401.0495**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.5024					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.7768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0357	0.3048	0.1297	1.9500e-003		0.0246	0.0246		0.0246	0.0246	0.0000	389.1177	389.1177	7.4600e-003	7.1300e-003	391.4300
Landscaping	0.1586	0.0602	5.2185	2.8000e-004		0.0288	0.0288		0.0288	0.0288		9.3917	9.3917	9.1200e-003		9.6196
Total	**3.4734**	**0.3650**	**5.3482**	**2.2300e-003**		**0.0534**	**0.0534**		**0.0534**	**0.0534**	**0.0000**	**398.5093**	**398.5093**	**0.0166**	**7.1300e-003**	**401.0495**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Vines at Oakley Project - Unmitigated Construction and Operations

Contra Costa County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.65	Acre	0.65	28,314.00	0
Other Non-Asphalt Surfaces	141.12	1000sqft	3.24	0.00	0
Parking Lot	8.38	1000sqft	0.19	8,376.00	0
Single Family Housing	63.00	Dwelling Unit	5.79	129,150.00	218

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	331	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor adjusted to reflect Marin Clean Energy's GHG Emissions Factors (PG&E selected because Marin Clean Energy is not a selection in CalEEMod)
Anticipated construction start date: May 2020

Land Use - Based on site plan and project description
Bioretention basin represented by other non-asphalt surfaces

Construction Phase - Adjusted the building construction phase to match the applicant-provided construction schedule

Off-road Equipment - Construction equipment adjusted to conserve default HP hours for the building construction phase

Demolition - Demolition of existing buildings to be removed totaling 1,020 square feet. Square footage estimate of existing buildings to be demolished provided by the project applicant.

Grading - Cut: 13,000 CY
Fill: 24,300 CY
Cut/fill estimates provided by the project applicant.

Vehicle Trips - Consistent with the Village at Main Traffic Impact Analysis, trip generation rates were obtained from the ITE Trip Generation Manual, 10th Edition for ITE land use code 210.

Woodstoves - No woodburning

Construction Off-road Equipment Mitigation - Compliance with BAAQMD best management practices threshold for fugitive dust; recommended measures from BAAQMD's Basic Construction Mitigation Measures Recommended for All Proposed Projects.

Water Mitigation - Compliance with Green Building Code Standards

Waste Mitigation - Statewide diversion/recycling mandate (21% percent reduction for Oakley)

Energy Mitigation - Anticipated total on-site renewable energy production: 301,264 kWh/year

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	230.00	585.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberWood	27.09	0.00
tblGrading	MaterialExported	0.00	24,300.00
tblGrading	MaterialImported	0.00	13,000.00
tblLandUse	LandUseSquareFeet	141,120.00	0.00
tblLandUse	LandUseSquareFeet	8,380.00	8,376.00
tblLandUse	LandUseSquareFeet	113,400.00	129,150.00
tblLandUse	LotAcreage	20.45	5.79
tblLandUse	Population	180.00	218.00
tblOffRoadEquipment	UsageHours	7.00	2.80
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	7.00	2.80
tblOffRoadEquipment	UsageHours	8.00	3.20
tblProjectCharacteristics	CO2IntensityFactor	641.35	331
tblVehicleTrips	ST_TR	9.91	9.54
tblVehicleTrips	SU_TR	8.62	8.55
tblVehicleTrips	WD_TR	9.52	9.44
tblWoodstoves	WoodstoveWoodMass	956.80	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.4404	94.3339	29.7796	0.2123	18.2141	2.1984	20.4125	9.9699	2.0225	11.9924	0.0000	22,279.4126	22,279.4126	1.8289	0.0000	22,325.1355
2021	0.9339	8.4047	7.8893	0.0170	0.4002	0.3885	0.7886	0.1081	0.3653	0.4734	0.0000	1,663.8746	1,663.8746	0.2708	0.0000	1,670.6453
2022	91.9089	7.5939	7.7080	0.0169	0.4002	0.3282	0.7283	0.1081	0.3088	0.4169	0.0000	1,650.4645	1,650.4645	0.2676	0.0000	1,657.1544
Maximum	**91.9089**	**94.3339**	**29.7796**	**0.2123**	**18.2141**	**2.1984**	**20.4125**	**9.9699**	**2.0225**	**11.9924**	**0.0000**	**22,279.4126**	**22,279.4126**	**1.8289**	**0.0000**	**22,325.1355**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.4404	94.3339	29.7796	0.2123	8.2777	2.1984	10.4761	4.5080	2.0225	6.5305	0.0000	22,279.4126	22,279.4126	1.8289	0.0000	22,325.1355
2021	0.9339	8.4047	7.8893	0.0170	0.4002	0.3885	0.7886	0.1081	0.3653	0.4734	0.0000	1,663.8746	1,663.8746	0.2708	0.0000	1,670.6453
2022	91.9089	7.5939	7.7080	0.0169	0.4002	0.3282	0.7283	0.1081	0.3088	0.4169	0.0000	1,650.4645	1,650.4645	0.2676	0.0000	1,657.1544
Maximum	**91.9089**	**94.3339**	**29.7796**	**0.2123**	**8.2777**	**2.1984**	**10.4761**	**4.5080**	**2.0225**	**6.5305**	**0.0000**	**22,279.4126**	**22,279.4126**	**1.8289**	**0.0000**	**22,325.1355**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**52.26**	**0.00**	**45.31**	**53.62**	**0.00**	**42.40**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.4734	0.3650	5.3482	2.2200e-003		0.0535	0.0535		0.0535	0.0535	0.0000	398.5093	398.5093	0.0166	7.1300e-003	401.0495
Energy	0.0541	0.4623	0.1967	2.9500e-003		0.0374	0.0374		0.0374	0.0374		590.2017	590.2017	0.0113	0.0108	593.7089
Mobile	0.8007	3.8389	9.7005	0.0319	2.9484	0.0277	2.9761	0.7888	0.0259	0.8147		3,221.0401	3,221.0401	0.1208		3,224.0597
Total	**4.3283**	**4.6662**	**15.2455**	**0.0371**	**2.9484**	**0.1185**	**3.0669**	**0.7888**	**0.1167**	**0.9055**	**0.0000**	**4,209.7510**	**4,209.7510**	**0.1487**	**0.0180**	**4,218.8182**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.4734	0.3650	5.3482	2.2200e-003		0.0535	0.0535		0.0535	0.0535	0.0000	398.5093	398.5093	0.0166	7.1300e-003	401.0495
Energy	0.0541	0.4623	0.1967	2.9500e-003		0.0374	0.0374		0.0374	0.0374		590.2017	590.2017	0.0113	0.0108	593.7089
Mobile	0.8007	3.8389	9.7005	0.0319	2.9484	0.0277	2.9761	0.7888	0.0259	0.8147		3,221.0401	3,221.0401	0.1208		3,224.0597
Total	**4.3283**	**4.6662**	**15.2455**	**0.0371**	**2.9484**	**0.1185**	**3.0669**	**0.7888**	**0.1167**	**0.9055**	**0.0000**	**4,209.7510**	**4,209.7510**	**0.1487**	**0.0180**	**4,218.8182**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	5/1/2020	5/28/2020	5	20	
2	Site Preparation	Site Preparation	5/29/2020	6/11/2020	5	10	
3	Grading	Grading	6/12/2020	7/9/2020	5	20	
4	Paving	Paving	7/10/2020	8/6/2020	5	20	
5	Building Construction	Building Construction	8/7/2020	11/3/2022	5	585	
6	Architectural Coating	Architectural Coating	11/4/2022	12/1/2022	5	20	32-month total construction duration

Acres of Grading (Site Preparation Phase): 0
Acres of Grading (Grading Phase): 10
Acres of Paving: 4.08
Residential Indoor: 261,529; Residential Outdoor: 87,176; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Building Construction	Cranes	1	2.80	231	0.29
Building Construction	Forklifts	3	3.20	89	0.20
Building Construction	Generator Sets	1	3.20	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	2.80	97	0.37
Building Construction	Welders	1	3.20	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	5.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	4,663.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	38.00	13.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0502	0.0000	0.0502	7.6000e-003	0.0000	7.6000e-003			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**0.0502**	**1.6587**	**1.7089**	**7.6000e-003**	**1.5419**	**1.5495**		**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.1000e-003	0.0728	0.0143	1.9000e-004	4.3700e-003	2.4000e-004	4.6100e-003	1.2000e-003	2.3000e-004	1.4300e-003		20.6877	20.6877	9.6000e-004		20.7117
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0553	0.0402	0.3864	1.1400e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		113.6264	113.6264	2.8200e-003		113.6970
Total	**0.0574**	**0.1130**	**0.4007**	**1.3300e-003**	**0.1276**	**1.0300e-003**	**0.1286**	**0.0339**	**9.6000e-004**	**0.0349**		**134.3141**	**134.3141**	**3.7800e-003**		**134.4087**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0226	0.0000	0.0226	3.4200e-003	0.0000	3.4200e-003			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**0.0226**	**1.6587**	**1.6813**	**3.4200e-003**	**1.5419**	**1.5453**	**0.0000**	**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.1000e-003	0.0728	0.0143	1.9000e-004	4.3700e-003	2.4000e-004	4.6100e-003	1.2000e-003	2.3000e-004	1.4300e-003		20.6877	20.6877	9.6000e-004		20.7117
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0553	0.0402	0.3864	1.1400e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		113.6264	113.6264	2.8200e-003		113.6970
Total	**0.0574**	**0.1130**	**0.4007**	**1.3300e-003**	**0.1276**	**1.0300e-003**	**0.1286**	**0.0339**	**9.6000e-004**	**0.0349**		**134.3141**	**134.3141**	**3.7800e-003**		**134.4087**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**18.0663**	**2.1974**	**20.2637**	**9.9307**	**2.0216**	**11.9523**		**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0664	0.0482	0.4637	1.3700e-003	0.1479	9.5000e-004	0.1488	0.0392	8.8000e-004	0.0401		136.3517	136.3517	3.3900e-003		136.4364
Total	**0.0664**	**0.0482**	**0.4637**	**1.3700e-003**	**0.1479**	**9.5000e-004**	**0.1488**	**0.0392**	**8.8000e-004**	**0.0401**		**136.3517**	**136.3517**	**3.3900e-003**		**136.4364**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**8.1298**	**2.1974**	**10.3272**	**4.4688**	**2.0216**	**6.4904**	**0.0000**	**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0664	0.0482	0.4637	1.3700e-003	0.1479	9.5000e-004	0.1488	0.0392	8.8000e-004	0.0401		136.3517	136.3517	3.3900e-003		136.4364
Total	**0.0664**	**0.0482**	**0.4637**	**1.3700e-003**	**0.1479**	**9.5000e-004**	**0.1488**	**0.0392**	**8.8000e-004**	**0.0401**		**136.3517**	**136.3517**	**3.3900e-003**		**136.4364**

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.7633	0.0000	6.7633	3.3994	0.0000	3.3994			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716		2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**6.7633**	**1.2734**	**8.0367**	**3.3994**	**1.1716**	**4.5710**		**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9563	67.9078	13.3403	0.1815	4.0722	0.2248	4.2970	1.1158	0.2150	1.3309		19,293.3011	19,293.3011	0.8971		19,315.7279
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0553	0.0402	0.3864	1.1400e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		113.6264	113.6264	2.8200e-003		113.6970
Total	**2.0116**	**67.9480**	**13.7267**	**0.1826**	**4.1955**	**0.2256**	**4.4210**	**1.1485**	**0.2158**	**1.3643**		**19,406.9275**	**19,406.9275**	**0.8999**		**19,429.4248**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.0435	0.0000	3.0435	1.5297	0.0000	1.5297			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716	0.0000	2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**3.0435**	**1.2734**	**4.3169**	**1.5297**	**1.1716**	**2.7013**	**0.0000**	**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9563	67.9078	13.3403	0.1815	4.0722	0.2248	4.2970	1.1158	0.2150	1.3309		19,293.3011	19,293.3011	0.8971		19,315.7279
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0553	0.0402	0.3864	1.1400e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		113.6264	113.6264	2.8200e-003		113.6970
Total	**2.0116**	**67.9480**	**13.7267**	**0.1826**	**4.1955**	**0.2256**	**4.4210**	**1.1485**	**0.2158**	**1.3643**		**19,406.9275**	**19,406.9275**	**0.8999**		**19,429.4248**

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4666**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0553	0.0402	0.3864	1.1400e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		113.6264	113.6264	2.8200e-003		113.6970
Total	**0.0553**	**0.0402**	**0.3864**	**1.1400e-003**	**0.1232**	**7.9000e-004**	**0.1240**	**0.0327**	**7.3000e-004**	**0.0334**		**113.6264**	**113.6264**	**2.8200e-003**		**113.6970**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4666**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0553	0.0402	0.3864	1.1400e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		113.6264	113.6264	2.8200e-003		113.6970
Total	**0.0553**	**0.0402**	**0.3864**	**1.1400e-003**	**0.1232**	**7.9000e-004**	**0.1240**	**0.0327**	**7.3000e-004**	**0.0334**		**113.6264**	**113.6264**	**2.8200e-003**		**113.6970**

3.6 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8479	7.6744	6.7394	0.0108		0.4468	0.4468		0.4201	0.4201		1,021.2252	1,021.2252	0.2491		1,027.4538
Total	**0.8479**	**7.6744**	**6.7394**	**0.0108**		**0.4468**	**0.4468**		**0.4201**	**0.4201**		**1,021.2252**	**1,021.2252**	**0.2491**		**1,027.4538**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0538	1.4897	0.4122	3.4900e-003	0.0880	7.6900e-003	0.0957	0.0253	7.3600e-003	0.0327		368.2095	368.2095	0.0192		368.6902
Worker	0.1401	0.1018	0.9788	2.8900e-003	0.3122	2.0100e-003	0.3142	0.0828	1.8500e-003	0.0847		287.8536	287.8536	7.1500e-003		288.0323
Total	**0.1939**	**1.5915**	**1.3911**	**6.3800e-003**	**0.4002**	**9.7000e-003**	**0.4099**	**0.1081**	**9.2100e-003**	**0.1173**		**656.0631**	**656.0631**	**0.0264**		**656.7225**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8479	7.6744	6.7394	0.0108		0.4468	0.4468		0.4201	0.4201	0.0000	1,021.2252	1,021.2252	0.2491		1,027.4538
Total	**0.8479**	**7.6744**	**6.7394**	**0.0108**		**0.4468**	**0.4468**		**0.4201**	**0.4201**	**0.0000**	**1,021.2252**	**1,021.2252**	**0.2491**		**1,027.4538**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0538	1.4897	0.4122	3.4900e-003	0.0880	7.6900e-003	0.0957	0.0253	7.3600e-003	0.0327		368.2095	368.2095	0.0192		368.6902
Worker	0.1401	0.1018	0.9788	2.8900e-003	0.3122	2.0100e-003	0.3142	0.0828	1.8500e-003	0.0847		287.8536	287.8536	7.1500e-003		288.0323
Total	**0.1939**	**1.5915**	**1.3911**	**6.3800e-003**	**0.4002**	**9.7000e-003**	**0.4099**	**0.1081**	**9.2100e-003**	**0.1173**		**656.0631**	**656.0631**	**0.0264**		**656.7225**

3.6 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7604	6.9728	6.6301	0.0108		0.3835	0.3835		0.3605	0.3605		1,021.3456	1,021.3456	0.2464		1,027.5057
Total	**0.7604**	**6.9728**	**6.6301**	**0.0108**		**0.3835**	**0.3835**		**0.3605**	**0.3605**		**1,021.3456**	**1,021.3456**	**0.2464**		**1,027.5057**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0441	1.3411	0.3682	3.4600e-003	0.0880	3.0700e-003	0.0911	0.0253	2.9400e-003	0.0283		364.8799	364.8799	0.0181		365.3312
Worker	0.1294	0.0908	0.8910	2.7900e-003	0.3122	1.9600e-003	0.3141	0.0828	1.8000e-003	0.0846		277.6491	277.6491	6.3700e-003		277.8084
Total	**0.1735**	**1.4319**	**1.2592**	**6.2500e-003**	**0.4002**	**5.0300e-003**	**0.4052**	**0.1081**	**4.7400e-003**	**0.1129**		**642.5290**	**642.5290**	**0.0244**		**643.1396**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7604	6.9728	6.6301	0.0108		0.3835	0.3835		0.3605	0.3605	0.0000	1,021.3456	1,021.3456	0.2464		1,027.5057
Total	**0.7604**	**6.9728**	**6.6301**	**0.0108**		**0.3835**	**0.3835**		**0.3605**	**0.3605**	**0.0000**	**1,021.3456**	**1,021.3456**	**0.2464**		**1,027.5057**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0441	1.3411	0.3682	3.4600e-003	0.0880	3.0700e-003	0.0911	0.0253	2.9400e-003	0.0283		364.8799	364.8799	0.0181		365.3312
Worker	0.1294	0.0908	0.8910	2.7900e-003	0.3122	1.9600e-003	0.3141	0.0828	1.8000e-003	0.0846		277.6491	277.6491	6.3700e-003		277.8084
Total	**0.1735**	**1.4319**	**1.2592**	**6.2500e-003**	**0.4002**	**5.0300e-003**	**0.4052**	**0.1081**	**4.7400e-003**	**0.1129**		**642.5290**	**642.5290**	**0.0244**		**643.1396**

3.6 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6825	6.2463	6.5454	0.0108		0.3236	0.3236		0.3045	0.3045		1,021.7334	1,021.7334	0.2448		1,027.8529
Total	**0.6825**	**6.2463**	**6.5454**	**0.0108**		**0.3236**	**0.3236**		**0.3045**	**0.3045**		**1,021.7334**	**1,021.7334**	**0.2448**		**1,027.8529**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0411	1.2663	0.3453	3.4300e-003	0.0880	2.6700e-003	0.0907	0.0253	2.5500e-003	0.0279		361.3893	361.3893	0.0171		361.8171
Worker	0.1204	0.0814	0.8173	2.6800e-003	0.3122	1.9100e-003	0.3141	0.0828	1.7600e-003	0.0846		267.3418	267.3418	5.7100e-003		267.4844
Total	**0.1615**	**1.3476**	**1.1626**	**6.1100e-003**	**0.4002**	**4.5800e-003**	**0.4047**	**0.1081**	**4.3100e-003**	**0.1124**		**628.7311**	**628.7311**	**0.0228**		**629.3015**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6825	6.2463	6.5454	0.0108		0.3236	0.3236		0.3045	0.3045	0.0000	1,021.7334	1,021.7334	0.2448		1,027.8529
Total	**0.6825**	**6.2463**	**6.5454**	**0.0108**		**0.3236**	**0.3236**		**0.3045**	**0.3045**	**0.0000**	**1,021.7334**	**1,021.7334**	**0.2448**		**1,027.8529**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0411	1.2663	0.3453	3.4300e-003	0.0880	2.6700e-003	0.0907	0.0253	2.5500e-003	0.0279		361.3893	361.3893	0.0171		361.8171
Worker	0.1204	0.0814	0.8173	2.6800e-003	0.3122	1.9100e-003	0.3141	0.0828	1.7600e-003	0.0846		267.3418	267.3418	5.7100e-003		267.4844
Total	**0.1615**	**1.3476**	**1.1626**	**6.1100e-003**	**0.4002**	**4.5800e-003**	**0.4047**	**0.1081**	**4.3100e-003**	**0.1124**		**628.7311**	**628.7311**	**0.0228**		**629.3015**

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	91.6790					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**91.8836**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0253	0.0171	0.1721	5.6000e-004	0.0657	4.0000e-004	0.0661	0.0174	3.7000e-004	0.0178		56.2825	56.2825	1.2000e-003		56.3125
Total	**0.0253**	**0.0171**	**0.1721**	**5.6000e-004**	**0.0657**	**4.0000e-004**	**0.0661**	**0.0174**	**3.7000e-004**	**0.0178**		**56.2825**	**56.2825**	**1.2000e-003**		**56.3125**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	91.6790					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**91.8836**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0253	0.0171	0.1721	5.6000e-004	0.0657	4.0000e-004	0.0661	0.0174	3.7000e-004	0.0178		56.2825	56.2825	1.2000e-003		56.3125
Total	**0.0253**	**0.0171**	**0.1721**	**5.6000e-004**	**0.0657**	**4.0000e-004**	**0.0661**	**0.0174**	**3.7000e-004**	**0.0178**		**56.2825**	**56.2825**	**1.2000e-003**		**56.3125**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.8007	3.8389	9.7005	0.0319	2.9484	0.0277	2.9761	0.7888	0.0259	0.8147		3,221.0401	3,221.0401	0.1208		3,224.0597
Unmitigated	0.8007	3.8389	9.7005	0.0319	2.9484	0.0277	2.9761	0.7888	0.0259	0.8147		3,221.0401	3,221.0401	0.1208		3,224.0597

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	594.72	601.02	538.65	1,357,148	1,357,148
Total	594.72	601.02	538.65	1,357,148	1,357,148

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835
Other Non-Asphalt Surfaces	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835
Parking Lot	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835
Single Family Housing	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0541	0.4623	0.1967	2.9500e-003		0.0374	0.0374		0.0374	0.0374		590.2017	590.2017	0.0113	0.0108	593.7089
NaturalGas Unmitigated	0.0541	0.4623	0.1967	2.9500e-003		0.0374	0.0374		0.0374	0.0374		590.2017	590.2017	0.0113	0.0108	593.7089

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	5016.71	0.0541	0.4623	0.1967	2.9500e-003		0.0374	0.0374		0.0374	0.0374		590.2017	590.2017	0.0113	0.0108	593.7089
Total		**0.0541**	**0.4623**	**0.1967**	**2.9500e-003**		**0.0374**	**0.0374**		**0.0374**	**0.0374**		**590.2017**	**590.2017**	**0.0113**	**0.0108**	**593.7089**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	5.01671	0.0541	0.4623	0.1967	2.9500e-003		0.0374	0.0374		0.0374	0.0374		590.2017	590.2017	0.0113	0.0108	593.7089
Total		**0.0541**	**0.4623**	**0.1967**	**2.9500e-003**		**0.0374**	**0.0374**		**0.0374**	**0.0374**		**590.2017**	**590.2017**	**0.0113**	**0.0108**	**593.7089**

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.4734	0.3650	5.3482	2.2200e-003		0.0535	0.0535		0.0535	0.0535	0.0000	398.5093	398.5093	0.0166	7.1300e-003	401.0495
Unmitigated	3.4734	0.3650	5.3482	2.2200e-003		0.0535	0.0535		0.0535	0.0535	0.0000	398.5093	398.5093	0.0166	7.1300e-003	401.0495

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.5024					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.7768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0357	0.3048	0.1297	1.9500e-003		0.0246	0.0246		0.0246	0.0246	0.0000	389.1177	389.1177	7.4600e-003	7.1300e-003	391.4300
Landscaping	0.1586	0.0602	5.2185	2.8000e-004		0.0288	0.0288		0.0288	0.0288		9.3917	9.3917	9.1200e-003		9.6196
Total	**3.4734**	**0.3650**	**5.3482**	**2.2300e-003**		**0.0534**	**0.0534**		**0.0534**	**0.0534**	**0.0000**	**398.5093**	**398.5093**	**0.0166**	**7.1300e-003**	**401.0495**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.5024					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.7768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0357	0.3048	0.1297	1.9500e-003		0.0246	0.0246		0.0246	0.0246	0.0000	389.1177	389.1177	7.4600e-003	7.1300e-003	391.4300
Landscaping	0.1586	0.0602	5.2185	2.8000e-004		0.0288	0.0288		0.0288	0.0288		9.3917	9.3917	9.1200e-003		9.6196
Total	**3.4734**	**0.3650**	**5.3482**	**2.2300e-003**		**0.0534**	**0.0534**		**0.0534**	**0.0534**	**0.0000**	**398.5093**	**398.5093**	**0.0166**	**7.1300e-003**	**401.0495**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Vines at Oakley Project - Mitigated Construction

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.65	Acre	0.65	28,314.00	0
Other Non-Asphalt Surfaces	141.12	1000sqft	3.24	0.00	0
Parking Lot	8.38	1000sqft	0.19	8,376.00	0
Single Family Housing	63.00	Dwelling Unit	5.79	129,150.00	218

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	331	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction only run
CO2 Intensity Factor adjusted to reflect Marin Clean Energy's GHG Emissions Factors (PG&E selected because Marin Clean Energy is not a selection in CalEEMod)
Anticipated construction start date: May 2020

Land Use - Based on site plan and project description
Bioretention basin represented by other non-asphalt surfaces

Construction Phase - Adjusted the building construction phase to match the applicant-provided construction schedule

Off-road Equipment - Construction equipment adjusted to conserve default HP hours for the building construction phase

Demolition - Demolition of existing buildings to be removed totaling 1,020 square feet. Square footage estimate of existing buildings to be demolished provided by the project applicant.

Grading - Cut: 13,000 CY
Fill: 24,300 CY
Cut/fill estimates provided by the project applicant.

Vehicle Trips - Construction run only

Woodstoves - Construction run only

Water And Wastewater - Construction run only

Construction Off-road Equipment Mitigation - Tier IV Interim mitigation for construction equipment >50 HP
Compliance with BAAQMD best management practices threshold for fugitive dust; recommended measures from BAAQMD's Basic Construction Mitigation Measures Recommended for All Proposed Projects.

Energy Mitigation - Construction run only

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	230.00	585.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberWood	27.09	0.00
tblGrading	MaterialExported	0.00	24,300.00
tblGrading	MaterialImported	0.00	13,000.00
tblLandUse	LandUseSquareFeet	141,120.00	0.00
tblLandUse	LandUseSquareFeet	8,380.00	8,376.00
tblLandUse	LandUseSquareFeet	113,400.00	129,150.00
tblLandUse	LotAcreage	20.45	5.79
tblLandUse	Population	180.00	218.00
tblOffRoadEquipment	UsageHours	7.00	2.80
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	7.00	2.80
tblOffRoadEquipment	UsageHours	8.00	3.20
tblProjectCharacteristics	CO2IntensityFactor	641.35	331
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblWater	IndoorWaterUseRate	4,104,703.61	0.00
tblWater	OutdoorWaterUseRate	2,587,747.93	0.00
tblWoodstoves	WoodstoveWoodMass	956.80	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.1675	2.1134	1.1973	3.8800e-003	0.2226	0.0741	0.2967	0.1012	0.0689	0.1701	0.0000	357.8628	357.8628	0.0510	0.0000	359.1367
2021	0.1201	1.0961	1.0233	2.2300e-003	0.0505	0.0507	0.1012	0.0137	0.0477	0.0613	0.0000	198.0510	198.0510	0.0320	0.0000	198.8501
2022	1.0101	0.8453	0.8591	1.8900e-003	0.0430	0.0368	0.0798	0.0117	0.0346	0.0463	0.0000	167.9040	167.9040	0.0267	0.0000	168.5710
Maximum	**1.0101**	**2.1134**	**1.1973**	**3.8800e-003**	**0.2226**	**0.0741**	**0.2967**	**0.1012**	**0.0689**	**0.1701**	**0.0000**	**357.8628**	**357.8628**	**0.0510**	**0.0000**	**359.1367**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0669	1.3893	1.3167	3.8800e-003	0.1354	7.1700e-003	0.1426	0.0552	7.0400e-003	0.0622	0.0000	357.8627	357.8627	0.0510	0.0000	359.1366
2021	0.0623	0.7478	1.1027	2.2300e-003	0.0505	6.4900e-003	0.0570	0.0137	6.4600e-003	0.0201	0.0000	198.0509	198.0509	0.0320	0.0000	198.8499
2022	0.9675	0.6271	0.9342	1.8900e-003	0.0430	5.0000e-003	0.0480	0.0117	4.9700e-003	0.0166	0.0000	167.9038	167.9038	0.0267	0.0000	168.5709
Maximum	**0.9675**	**1.3893**	**1.3167**	**3.8800e-003**	**0.1354**	**7.1700e-003**	**0.1426**	**0.0552**	**7.0400e-003**	**0.0622**	**0.0000**	**357.8627**	**357.8627**	**0.0510**	**0.0000**	**359.1366**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**15.49**	**31.83**	**-8.89**	**0.00**	**27.57**	**88.45**	**48.16**	**36.38**	**87.78**	**64.36**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	5-1-2020	7-31-2020	1.6940	1.0828
2	8-1-2020	10-31-2020	0.3493	0.2199
3	11-1-2020	1-31-2021	0.3280	0.2094
4	2-1-2021	4-30-2021	0.2965	0.1976
5	5-1-2021	7-31-2021	0.3058	0.2035
6	8-1-2021	10-31-2021	0.3061	0.2039
7	11-1-2021	1-31-2022	0.2969	0.2032
8	2-1-2022	4-30-2022	0.2679	0.1936
9	5-1-2022	7-31-2022	0.2763	0.1995
10	8-1-2022	9-30-2022	0.1832	0.1323
		Highest	1.6940	1.0828

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6129	7.1100e-003	0.4704	4.0000e-005		2.7300e-003	2.7300e-003		2.7300e-003	2.7300e-003	0.0000	2.7330	2.7330	7.8000e-004	4.0000e-005	2.7633
Energy	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	174.6814	174.6814	8.6200e-003	3.1900e-003	175.8464
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	18.5859	0.0000	18.5859	1.0984	0.0000	46.0457
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.6228**	**0.0915**	**0.5063**	**5.8000e-004**	**0.0000**	**9.5500e-003**	**9.5500e-003**	**0.0000**	**9.5500e-003**	**9.5500e-003**	**18.5859**	**177.4145**	**196.0003**	**1.1078**	**3.2300e-003**	**224.6554**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6129	7.1100e-003	0.4704	4.0000e-005		2.7300e-003	2.7300e-003		2.7300e-003	2.7300e-003	0.0000	2.7330	2.7330	7.8000e-004	4.0000e-005	2.7633
Energy	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	174.6814	174.6814	8.6200e-003	3.1900e-003	175.8464
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	18.5859	0.0000	18.5859	1.0984	0.0000	46.0457
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.6228**	**0.0915**	**0.5063**	**5.8000e-004**	**0.0000**	**9.5500e-003**	**9.5500e-003**	**0.0000**	**9.5500e-003**	**9.5500e-003**	**18.5859**	**177.4145**	**196.0003**	**1.1078**	**3.2300e-003**	**224.6554**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	5/1/2020	5/28/2020	5	20	
2	Site Preparation	Site Preparation	5/29/2020	6/11/2020	5	10	
3	Grading	Grading	6/12/2020	7/9/2020	5	20	
4	Paving	Paving	7/10/2020	8/6/2020	5	20	
5	Building Construction	Building Construction	8/7/2020	11/3/2022	5	585	
6	Architectural Coating	Architectural Coating	11/4/2022	12/1/2022	5	20	32-month total construction duration

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 4.08

Residential Indoor: 261,529; Residential Outdoor: 87,176; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Building Construction	Cranes	1	2.80	231	0.29
Building Construction	Forklifts	3	3.20	89	0.20
Building Construction	Generator Sets	1	3.20	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	2.80	97	0.37
Building Construction	Welders	1	3.20	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	5.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	4,663.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	38.00	13.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.0000e-004	0.0000	5.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0331	0.3320	0.2175	3.9000e-004		0.0166	0.0166		0.0154	0.0154	0.0000	33.9986	33.9986	9.6000e-003	0.0000	34.2386
Total	**0.0331**	**0.3320**	**0.2175**	**3.9000e-004**	**5.0000e-004**	**0.0166**	**0.0171**	**8.0000e-005**	**0.0154**	**0.0155**	**0.0000**	**33.9986**	**33.9986**	**9.6000e-003**	**0.0000**	**34.2386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	7.3000e-004	1.4000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1896	0.1896	1.0000e-005	0.0000	0.1898
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.6000e-004	3.7700e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0437	1.0437	3.0000e-005	0.0000	1.0443
Total	**5.2000e-004**	**1.0900e-003**	**3.9100e-003**	**1.0000e-005**	**1.2300e-003**	**1.0000e-005**	**1.2400e-003**	**3.3000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**1.2333**	**1.2333**	**4.0000e-005**	**0.0000**	**1.2341**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3000e-004	0.0000	2.3000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.8400e-003	0.1356	0.2467	3.9000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	33.9986	33.9986	9.6000e-003	0.0000	34.2385
Total	**5.8400e-003**	**0.1356**	**0.2467**	**3.9000e-004**	**2.3000e-004**	**6.2000e-004**	**8.5000e-004**	**3.0000e-005**	**6.2000e-004**	**6.5000e-004**	**0.0000**	**33.9986**	**33.9986**	**9.6000e-003**	**0.0000**	**34.2385**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	7.3000e-004	1.4000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1896	0.1896	1.0000e-005	0.0000	0.1898
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.6000e-004	3.7700e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0437	1.0437	3.0000e-005	0.0000	1.0443
Total	**5.2000e-004**	**1.0900e-003**	**3.9100e-003**	**1.0000e-005**	**1.2300e-003**	**1.0000e-005**	**1.2400e-003**	**3.3000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**1.2333**	**1.2333**	**4.0000e-005**	**0.0000**	**1.2341**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0204	0.2121	0.1076	1.9000e-004		0.0110	0.0110		0.0101	0.0101	0.0000	16.7153	16.7153	5.4100e-003	0.0000	16.8505
Total	**0.0204**	**0.2121**	**0.1076**	**1.9000e-004**	**0.0903**	**0.0110**	**0.1013**	**0.0497**	**0.0101**	**0.0598**	**0.0000**	**16.7153**	**16.7153**	**5.4100e-003**	**0.0000**	**16.8505**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-004	2.2000e-004	2.2600e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6262	0.6262	2.0000e-005	0.0000	0.6266
Total	**3.0000e-004**	**2.2000e-004**	**2.2600e-003**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.6262**	**0.6262**	**2.0000e-005**	**0.0000**	**0.6266**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0407	0.0000	0.0407	0.0223	0.0000	0.0223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4800e-003	0.0608	0.1148	1.9000e-004		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	16.7153	16.7153	5.4100e-003	0.0000	16.8505
Total	**3.4800e-003**	**0.0608**	**0.1148**	**1.9000e-004**	**0.0407**	**3.1000e-004**	**0.0410**	**0.0223**	**3.1000e-004**	**0.0227**	**0.0000**	**16.7153**	**16.7153**	**5.4100e-003**	**0.0000**	**16.8505**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-004	2.2000e-004	2.2600e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6262	0.6262	2.0000e-005	0.0000	0.6266
Total	**3.0000e-004**	**2.2000e-004**	**2.2600e-003**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.6262**	**0.6262**	**2.0000e-005**	**0.0000**	**0.6266**

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0676	0.0000	0.0676	0.0340	0.0000	0.0340	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0243	0.2639	0.1605	3.0000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	26.0588	26.0588	8.4300e-003	0.0000	26.2694
Total	**0.0243**	**0.2639**	**0.1605**	**3.0000e-004**	**0.0676**	**0.0127**	**0.0804**	**0.0340**	**0.0117**	**0.0457**	**0.0000**	**26.0588**	**26.0588**	**8.4300e-003**	**0.0000**	**26.2694**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0193	0.6767	0.1274	1.8300e-003	0.0395	2.2300e-003	0.0417	0.0109	2.1300e-003	0.0130	0.0000	176.7928	176.7928	7.8700e-003	0.0000	176.9894
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.6000e-004	3.7700e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0437	1.0437	3.0000e-005	0.0000	1.0443
Total	**0.0198**	**0.6771**	**0.1311**	**1.8400e-003**	**0.0407**	**2.2400e-003**	**0.0429**	**0.0112**	**2.1400e-003**	**0.0133**	**0.0000**	**177.8365**	**177.8365**	**7.9000e-003**	**0.0000**	**178.0338**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0304	0.0000	0.0304	0.0153	0.0000	0.0153	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.2000e-003	0.1033	0.1899	3.0000e-004		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	26.0587	26.0587	8.4300e-003	0.0000	26.2694
Total	**5.2000e-003**	**0.1033**	**0.1899**	**3.0000e-004**	**0.0304**	**4.8000e-004**	**0.0309**	**0.0153**	**4.8000e-004**	**0.0158**	**0.0000**	**26.0587**	**26.0587**	**8.4300e-003**	**0.0000**	**26.2694**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0193	0.6767	0.1274	1.8300e-003	0.0395	2.2300e-003	0.0417	0.0109	2.1300e-003	0.0130	0.0000	176.7928	176.7928	7.8700e-003	0.0000	176.9894
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.6000e-004	3.7700e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0437	1.0437	3.0000e-005	0.0000	1.0443
Total	**0.0198**	**0.6771**	**0.1311**	**1.8400e-003**	**0.0407**	**2.2400e-003**	**0.0429**	**0.0112**	**2.1400e-003**	**0.0133**	**0.0000**	**177.8365**	**177.8365**	**7.9000e-003**	**0.0000**	**178.0338**

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0136	0.1407	0.1465	2.3000e-004		7.5300e-003	7.5300e-003		6.9300e-003	6.9300e-003	0.0000	20.0282	20.0282	6.4800e-003	0.0000	20.1902
Paving	1.1000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0147**	**0.1407**	**0.1465**	**2.3000e-004**		**7.5300e-003**	**7.5300e-003**		**6.9300e-003**	**6.9300e-003**	**0.0000**	**20.0282**	**20.0282**	**6.4800e-003**	**0.0000**	**20.1902**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.6000e-004	3.7700e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0437	1.0437	3.0000e-005	0.0000	1.0443
Total	**5.0000e-004**	**3.6000e-004**	**3.7700e-003**	**1.0000e-005**	**1.1900e-003**	**1.0000e-005**	**1.2000e-003**	**3.2000e-004**	**1.0000e-005**	**3.2000e-004**	**0.0000**	**1.0437**	**1.0437**	**3.0000e-005**	**0.0000**	**1.0443**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.3400e-003	0.1004	0.1730	2.3000e-004		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	20.0282	20.0282	6.4800e-003	0.0000	20.1901
Paving	1.1000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.4400e-003**	**0.1004**	**0.1730**	**2.3000e-004**		**3.7000e-004**	**3.7000e-004**		**3.7000e-004**	**3.7000e-004**	**0.0000**	**20.0282**	**20.0282**	**6.4800e-003**	**0.0000**	**20.1901**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.6000e-004	3.7700e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0437	1.0437	3.0000e-005	0.0000	1.0443
Total	**5.0000e-004**	**3.6000e-004**	**3.7700e-003**	**1.0000e-005**	**1.1900e-003**	**1.0000e-005**	**1.2000e-003**	**3.2000e-004**	**1.0000e-005**	**3.2000e-004**	**0.0000**	**1.0437**	**1.0437**	**3.0000e-005**	**0.0000**	**1.0443**

3.6 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0445	0.4029	0.3538	5.7000e-004		0.0235	0.0235		0.0221	0.0221	0.0000	48.6381	48.6381	0.0119	0.0000	48.9348
Total	**0.0445**	**0.4029**	**0.3538**	**5.7000e-004**		**0.0235**	**0.0235**		**0.0221**	**0.0221**	**0.0000**	**48.6381**	**48.6381**	**0.0119**	**0.0000**	**48.9348**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7400e-003	0.0783	0.0201	1.9000e-004	4.4900e-003	4.0000e-004	4.8900e-003	1.3000e-003	3.8000e-004	1.6800e-003	0.0000	17.8032	17.8032	8.7000e-004	0.0000	17.8250
Worker	6.6900e-003	4.8400e-003	0.0501	1.5000e-004	0.0158	1.1000e-004	0.0159	4.2100e-003	1.0000e-004	4.3100e-003	0.0000	13.8810	13.8810	3.4000e-004	0.0000	13.8896
Total	**9.4300e-003**	**0.0831**	**0.0702**	**3.4000e-004**	**0.0203**	**5.1000e-004**	**0.0208**	**5.5100e-003**	**4.8000e-004**	**5.9900e-003**	**0.0000**	**31.6842**	**31.6842**	**1.2100e-003**	**0.0000**	**31.7146**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0175	0.2273	0.3810	5.7000e-004		2.6200e-003	2.6200e-003		2.6200e-003	2.6200e-003	0.0000	48.6380	48.6380	0.0119	0.0000	48.9347
Total	**0.0175**	**0.2273**	**0.3810**	**5.7000e-004**		**2.6200e-003**	**2.6200e-003**		**2.6200e-003**	**2.6200e-003**	**0.0000**	**48.6380**	**48.6380**	**0.0119**	**0.0000**	**48.9347**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7400e-003	0.0783	0.0201	1.9000e-004	4.4900e-003	4.0000e-004	4.8900e-003	1.3000e-003	3.8000e-004	1.6800e-003	0.0000	17.8032	17.8032	8.7000e-004	0.0000	17.8250
Worker	6.6900e-003	4.8400e-003	0.0501	1.5000e-004	0.0158	1.1000e-004	0.0159	4.2100e-003	1.0000e-004	4.3100e-003	0.0000	13.8810	13.8810	3.4000e-004	0.0000	13.8896
Total	**9.4300e-003**	**0.0831**	**0.0702**	**3.4000e-004**	**0.0203**	**5.1000e-004**	**0.0208**	**5.5100e-003**	**4.8000e-004**	**5.9900e-003**	**0.0000**	**31.6842**	**31.6842**	**1.2100e-003**	**0.0000**	**31.7146**

3.6 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0992	0.9100	0.8652	1.4100e-003		0.0500	0.0500		0.0471	0.0471	0.0000	120.9147	120.9147	0.0292	0.0000	121.6439
Total	**0.0992**	**0.9100**	**0.8652**	**1.4100e-003**		**0.0500**	**0.0500**		**0.0471**	**0.0471**	**0.0000**	**120.9147**	**120.9147**	**0.0292**	**0.0000**	**121.6439**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5500e-003	0.1754	0.0446	4.6000e-004	0.0112	3.9000e-004	0.0116	3.2300e-003	3.8000e-004	3.6000e-003	0.0000	43.8553	43.8553	2.0400e-003	0.0000	43.9062
Worker	0.0154	0.0107	0.1136	3.7000e-004	0.0393	2.6000e-004	0.0396	0.0105	2.4000e-004	0.0107	0.0000	33.2810	33.2810	7.6000e-004	0.0000	33.2999
Total	**0.0209**	**0.1861**	**0.1581**	**8.3000e-004**	**0.0505**	**6.5000e-004**	**0.0511**	**0.0137**	**6.2000e-004**	**0.0143**	**0.0000**	**77.1363**	**77.1363**	**2.8000e-003**	**0.0000**	**77.2061**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0414	0.5617	0.9446	1.4100e-003		5.8500e-003	5.8500e-003		5.8500e-003	5.8500e-003	0.0000	120.9145	120.9145	0.0292	0.0000	121.6438
Total	**0.0414**	**0.5617**	**0.9446**	**1.4100e-003**		**5.8500e-003**	**5.8500e-003**		**5.8500e-003**	**5.8500e-003**	**0.0000**	**120.9145**	**120.9145**	**0.0292**	**0.0000**	**121.6438**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5500e-003	0.1754	0.0446	4.6000e-004	0.0112	3.9000e-004	0.0116	3.2300e-003	3.8000e-004	3.6000e-003	0.0000	43.8553	43.8553	2.0400e-003	0.0000	43.9062
Worker	0.0154	0.0107	0.1136	3.7000e-004	0.0393	2.6000e-004	0.0396	0.0105	2.4000e-004	0.0107	0.0000	33.2810	33.2810	7.6000e-004	0.0000	33.2999
Total	**0.0209**	**0.1861**	**0.1581**	**8.3000e-004**	**0.0505**	**6.5000e-004**	**0.0511**	**0.0137**	**6.2000e-004**	**0.0143**	**0.0000**	**77.1363**	**77.1363**	**2.8000e-003**	**0.0000**	**77.2061**

3.6 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0747	0.6840	0.7167	1.1800e-003		0.0354	0.0354		0.0333	0.0333	0.0000	101.4957	101.4957	0.0243	0.0000	102.1035
Total	**0.0747**	**0.6840**	**0.7167**	**1.1800e-003**		**0.0354**	**0.0354**		**0.0333**	**0.0333**	**0.0000**	**101.4957**	**101.4957**	**0.0243**	**0.0000**	**102.1035**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.3400e-003	0.1390	0.0351	3.8000e-004	9.3600e-003	2.9000e-004	9.6500e-003	2.7100e-003	2.7000e-004	2.9800e-003	0.0000	36.4495	36.4495	1.6200e-003	0.0000	36.4900
Worker	0.0120	8.0700e-003	0.0875	3.0000e-004	0.0330	2.1000e-004	0.0332	8.7800e-003	1.9000e-004	8.9700e-003	0.0000	26.8886	26.8886	5.7000e-004	0.0000	26.9029
Total	**0.0163**	**0.1471**	**0.1226**	**6.8000e-004**	**0.0424**	**5.0000e-004**	**0.0429**	**0.0115**	**4.6000e-004**	**0.0120**	**0.0000**	**63.3381**	**63.3381**	**2.1900e-003**	**0.0000**	**63.3928**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0336	0.4693	0.7916	1.1800e-003		4.4600e-003	4.4600e-003		4.4600e-003	4.4600e-003	0.0000	101.4955	101.4955	0.0243	0.0000	102.1034
Total	**0.0336**	**0.4693**	**0.7916**	**1.1800e-003**		**4.4600e-003**	**4.4600e-003**		**4.4600e-003**	**4.4600e-003**	**0.0000**	**101.4955**	**101.4955**	**0.0243**	**0.0000**	**102.1034**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.3400e-003	0.1390	0.0351	3.8000e-004	9.3600e-003	2.9000e-004	9.6500e-003	2.7100e-003	2.7000e-004	2.9800e-003	0.0000	36.4495	36.4495	1.6200e-003	0.0000	36.4900
Worker	0.0120	8.0700e-003	0.0875	3.0000e-004	0.0330	2.1000e-004	0.0332	8.7800e-003	1.9000e-004	8.9700e-003	0.0000	26.8886	26.8886	5.7000e-004	0.0000	26.9029
Total	**0.0163**	**0.1471**	**0.1226**	**6.8000e-004**	**0.0424**	**5.0000e-004**	**0.0429**	**0.0115**	**4.6000e-004**	**0.0120**	**0.0000**	**63.3381**	**63.3381**	**2.1900e-003**	**0.0000**	**63.3928**

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.9168					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0500e-003	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574
Total	**0.9188**	**0.0141**	**0.0181**	**3.0000e-005**		**8.2000e-004**	**8.2000e-004**		**8.2000e-004**	**8.2000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.7000e-004**	**0.0000**	**2.5574**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3000e-004	1.6000e-004	1.6800e-003	1.0000e-005	6.3000e-004	0.0000	6.4000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.5170	0.5170	1.0000e-005	0.0000	0.5172
Total	**2.3000e-004**	**1.6000e-004**	**1.6800e-003**	**1.0000e-005**	**6.3000e-004**	**0.0000**	**6.4000e-004**	**1.7000e-004**	**0.0000**	**1.7000e-004**	**0.0000**	**0.5170**	**0.5170**	**1.0000e-005**	**0.0000**	**0.5172**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.9168					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4000e-004	0.0106	0.0183	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574
Total	**0.9173**	**0.0106**	**0.0183**	**3.0000e-005**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**2.5533**	**2.5533**	**1.7000e-004**	**0.0000**	**2.5574**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3000e-004	1.6000e-004	1.6800e-003	1.0000e-005	6.3000e-004	0.0000	6.4000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.5170	0.5170	1.0000e-005	0.0000	0.5172
Total	**2.3000e-004**	**1.6000e-004**	**1.6800e-003**	**1.0000e-005**	**6.3000e-004**	**0.0000**	**6.4000e-004**	**1.7000e-004**	**0.0000**	**1.7000e-004**	**0.0000**	**0.5170**	**0.5170**	**1.0000e-005**	**0.0000**	**0.5172**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835
Other Non-Asphalt Surfaces	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835
Parking Lot	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835
Single Family Housing	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	76.9669	76.9669	6.7400e-003	1.4000e-003	77.5513
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	76.9669	76.9669	6.7400e-003	1.4000e-003	77.5513
NaturalGas Mitigated	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	97.7145	97.7145	1.8700e-003	1.7900e-003	98.2952
NaturalGas Unmitigated	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	97.7145	97.7145	1.8700e-003	1.7900e-003	98.2952

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.8311e+006	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	97.7145	97.7145	1.8700e-003	1.7900e-003	98.2952
Total		**9.8700e-003**	**0.0844**	**0.0359**	**5.4000e-004**		**6.8200e-003**	**6.8200e-003**		**6.8200e-003**	**6.8200e-003**	**0.0000**	**97.7145**	**97.7145**	**1.8700e-003**	**1.7900e-003**	**98.2952**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.8311e+006	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	97.7145	97.7145	1.8700e-003	1.7900e-003	98.2952
Total		**9.8700e-003**	**0.0844**	**0.0359**	**5.4000e-004**		**6.8200e-003**	**6.8200e-003**		**6.8200e-003**	**6.8200e-003**	**0.0000**	**97.7145**	**97.7145**	**1.8700e-003**	**1.7900e-003**	**98.2952**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	2931.6	0.4402	4.0000e-005	1.0000e-005	0.4435
Single Family Housing	509706	76.5268	6.7000e-003	1.3900e-003	77.1078
Total		**76.9669**	**6.7400e-003**	**1.4000e-003**	**77.5513**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	2931.6	0.4402	4.0000e-005	1.0000e-005	0.4435
Single Family Housing	509706	76.5268	6.7000e-003	1.3900e-003	77.1078
Total		**76.9669**	**6.7400e-003**	**1.4000e-003**	**77.5513**

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6129	7.1100e-003	0.4704	4.0000e-005		2.7300e-003	2.7300e-003		2.7300e-003	2.7300e-003	0.0000	2.7330	2.7330	7.8000e-004	4.0000e-005	2.7633
Unmitigated	0.6129	7.1100e-003	0.4704	4.0000e-005		2.7300e-003	2.7300e-003		2.7300e-003	2.7300e-003	0.0000	2.7330	2.7330	7.8000e-004	4.0000e-005	2.7633

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0917					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5068					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.0000e-004	1.7000e-003	7.2000e-004	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	1.9662	1.9662	4.0000e-005	4.0000e-005	1.9779
Landscaping	0.0143	5.4100e-003	0.4697	2.0000e-005		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003	0.0000	0.7668	0.7668	7.4000e-004	0.0000	0.7854
Total	**0.6129**	**7.1100e-003**	**0.4704**	**3.0000e-005**		**2.7300e-003**	**2.7300e-003**		**2.7300e-003**	**2.7300e-003**	**0.0000**	**2.7330**	**2.7330**	**7.8000e-004**	**4.0000e-005**	**2.7633**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0917					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5068					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.0000e-004	1.7000e-003	7.2000e-004	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	1.9662	1.9662	4.0000e-005	4.0000e-005	1.9779
Landscaping	0.0143	5.4100e-003	0.4697	2.0000e-005		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003	0.0000	0.7668	0.7668	7.4000e-004	0.0000	0.7854
Total	**0.6129**	**7.1100e-003**	**0.4704**	**3.0000e-005**		**2.7300e-003**	**2.7300e-003**		**2.7300e-003**	**2.7300e-003**	**0.0000**	**2.7330**	**2.7330**	**7.8000e-004**	**4.0000e-005**	**2.7633**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	18.5859	1.0984	0.0000	46.0457
Unmitigated	18.5859	1.0984	0.0000	46.0457

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	91.56	18.5859	1.0984	0.0000	46.0457
Total		**18.5859**	**1.0984**	**0.0000**	**46.0457**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	91.56	18.5859	1.0984	0.0000	46.0457
Total		**18.5859**	**1.0984**	**0.0000**	**46.0457**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Vines at Oakley Project - Unmitigated 2030 Operations
Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.65	Acre	0.65	28,314.00	0
Other Non-Asphalt Surfaces	141.12	1000sqft	3.24	0.00	0
Parking Lot	8.38	1000sqft	0.19	8,376.00	0
Single Family Housing	63.00	Dwelling Unit	5.79	129,150.00	218

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	331	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2030 Operations
CO2 Intensity Factor adjusted to reflect Marin Clean Energy's GHG Emissions Factors (PG&E selected because Marin Clean Energy is not a selection in CalEEMod)
Meets 50% Renewable

Land Use - Based on site plan and project description
Bioretention basin represented by other non-asphalt surfaces

Construction Phase - Operational run only

Off-road Equipment - Operational run only

Trips and VMT - Operational run only

Vehicle Trips - Consistent with the Village at Main Traffic Impact Analysis, trip generation rates were obtained from the ITE Trip Generation Manual, 10th Edition for ITE land use code 210.

Woodstoves - No woodburning

Construction Off-road Equipment Mitigation - Operational run only

Energy Mitigation - Anticipated total on-site renewable energy production: 301,264 kWh/year

Water Mitigation - Compliance with Green Building Code Standards

Waste Mitigation - Statewide diversion/recycling mandate (21% percent reduction for Oakley)

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	1.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberWood	27.09	0.00
tblLandUse	LandUseSquareFeet	141,120.00	0.00
tblLandUse	LandUseSquareFeet	8,380.00	8,376.00
tblLandUse	LandUseSquareFeet	113,400.00	129,150.00
tblLandUse	LotAcreage	20.45	5.79
tblLandUse	Population	180.00	218.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	331
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblVehicleTrips	ST_TR	9.91	9.54
tblVehicleTrips	SU_TR	8.62	8.55
tblVehicleTrips	WD_TR	9.52	9.44
tblWoodstoves	WoodstoveWoodMass	956.80	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6127	7.0900e-003	0.4686	4.0000e-005		2.7400e-003	2.7400e-003		2.7400e-003	2.7400e-003	0.0000	2.7330	2.7330	7.7000e-004	4.0000e-005	2.7631
Energy	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	174.6814	174.6814	8.6200e-003	3.1900e-003	175.8464
Mobile	0.0918	0.4301	1.0250	4.5400e-003	0.5064	2.9700e-003	0.5094	0.1358	2.7600e-003	0.1386	0.0000	417.8077	417.8077	0.0126	0.0000	418.1228
Waste						0.0000	0.0000		0.0000	0.0000	18.5859	0.0000	18.5859	1.0984	0.0000	46.0457
Water						0.0000	0.0000		0.0000	0.0000	1.3022	4.6945	5.9967	0.1342	3.2400e-003	10.3173
Total	**0.7144**	**0.5215**	**1.5295**	**5.1200e-003**	**0.5064**	**0.0125**	**0.5190**	**0.1358**	**0.0123**	**0.1481**	**19.8881**	**599.9167**	**619.8047**	**1.2545**	**6.4700e-003**	**653.0953**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6127	7.0900e-003	0.4686	4.0000e-005		2.7400e-003	2.7400e-003		2.7400e-003	2.7400e-003	0.0000	2.7330	2.7330	7.7000e-004	4.0000e-005	2.7631
Energy	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	129.4499	129.4499	4.6500e-003	2.3700e-003	130.2715
Mobile	0.0918	0.4301	1.0250	4.5400e-003	0.5064	2.9700e-003	0.5094	0.1358	2.7600e-003	0.1386	0.0000	417.8077	417.8077	0.0126	0.0000	418.1228
Waste						0.0000	0.0000		0.0000	0.0000	14.6828	0.0000	14.6828	0.8677	0.0000	36.3761
Water						0.0000	0.0000		0.0000	0.0000	1.0418	3.7556	4.7974	0.1073	2.5900e-003	8.2538
Total	**0.7144**	**0.5215**	**1.5295**	**5.1200e-003**	**0.5064**	**0.0125**	**0.5190**	**0.1358**	**0.0123**	**0.1481**	**15.7246**	**553.7463**	**569.4709**	**0.9931**	**5.0000e-003**	**595.7873**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**20.93**	**7.70**	**8.12**	**20.84**	**22.72**	**8.77**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0918	0.4301	1.0250	4.5400e-003	0.5064	2.9700e-003	0.5094	0.1358	2.7600e-003	0.1386	0.0000	417.8077	417.8077	0.0126	0.0000	418.1228
Unmitigated	0.0918	0.4301	1.0250	4.5400e-003	0.5064	2.9700e-003	0.5094	0.1358	2.7600e-003	0.1386	0.0000	417.8077	417.8077	0.0126	0.0000	418.1228

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	594.72	601.02	538.65	1,357,148	1,357,148
Total	594.72	601.02	538.65	1,357,148	1,357,148

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.606524	0.034895	0.184335	0.108602	0.012129	0.004836	0.010863	0.026200	0.001662	0.001538	0.005105	0.002652	0.000659
Other Non-Asphalt Surfaces	0.606524	0.034895	0.184335	0.108602	0.012129	0.004836	0.010863	0.026200	0.001662	0.001538	0.005105	0.002652	0.000659
Parking Lot	0.606524	0.034895	0.184335	0.108602	0.012129	0.004836	0.010863	0.026200	0.001662	0.001538	0.005105	0.002652	0.000659
Single Family Housing	0.606524	0.034895	0.184335	0.108602	0.012129	0.004836	0.010863	0.026200	0.001662	0.001538	0.005105	0.002652	0.000659

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	31.7354	31.7354	2.7800e-003	5.8000e-004	31.9764
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	76.9669	76.9669	6.7400e-003	1.4000e-003	77.5513
NaturalGas Mitigated	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	97.7145	97.7145	1.8700e-003	1.7900e-003	98.2952
NaturalGas Unmitigated	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	97.7145	97.7145	1.8700e-003	1.7900e-003	98.2952

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.8311e+006	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	97.7145	97.7145	1.8700e-003	1.7900e-003	98.2952
Total		**9.8700e-003**	**0.0844**	**0.0359**	**5.4000e-004**		**6.8200e-003**	**6.8200e-003**		**6.8200e-003**	**6.8200e-003**	**0.0000**	**97.7145**	**97.7145**	**1.8700e-003**	**1.7900e-003**	**98.2952**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.8311e+006	9.8700e-003	0.0844	0.0359	5.4000e-004		6.8200e-003	6.8200e-003		6.8200e-003	6.8200e-003	0.0000	97.7145	97.7145	1.8700e-003	1.7900e-003	98.2952
Total		**9.8700e-003**	**0.0844**	**0.0359**	**5.4000e-004**		**6.8200e-003**	**6.8200e-003**		**6.8200e-003**	**6.8200e-003**	**0.0000**	**97.7145**	**97.7145**	**1.8700e-003**	**1.7900e-003**	**98.2952**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	2931.6	0.4402	4.0000e-005	1.0000e-005	0.4435
Single Family Housing	509706	76.5268	6.7000e-003	1.3900e-003	77.1078
Total		**76.9669**	**6.7400e-003**	**1.4000e-003**	**77.5513**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	-75316	-11.3079	-0.0010	-0.0002	-11.3937
Other Non-Asphalt Surfaces	-75316	-11.3079	-0.0010	-0.0002	-11.3937
Parking Lot	-72384.4	-10.8677	-0.0010	-0.0002	-10.9502
Single Family Housing	434390	65.2189	5.7100e-003	1.1800e-003	65.7141
Total		**31.7354**	**2.7800e-003**	**5.8000e-004**	**31.9764**

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6127	7.0900e-003	0.4686	4.0000e-005		2.7400e-003	2.7400e-003		2.7400e-003	2.7400e-003	0.0000	2.7330	2.7330	7.7000e-004	4.0000e-005	2.7631
Unmitigated	0.6127	7.0900e-003	0.4686	4.0000e-005		2.7400e-003	2.7400e-003		2.7400e-003	2.7400e-003	0.0000	2.7330	2.7330	7.7000e-004	4.0000e-005	2.7631

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0917					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5068					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.0000e-004	1.7000e-003	7.2000e-004	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	1.9662	1.9662	4.0000e-005	4.0000e-005	1.9779
Landscaping	0.0141	5.3900e-003	0.4679	2.0000e-005		2.6000e-003	2.6000e-003		2.6000e-003	2.6000e-003	0.0000	0.7668	0.7668	7.3000e-004	0.0000	0.7852
Total	**0.6127**	**7.0900e-003**	**0.4686**	**3.0000e-005**		**2.7400e-003**	**2.7400e-003**		**2.7400e-003**	**2.7400e-003**	**0.0000**	**2.7330**	**2.7330**	**7.7000e-004**	**4.0000e-005**	**2.7631**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0917					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5068					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.0000e-004	1.7000e-003	7.2000e-004	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	1.9662	1.9662	4.0000e-005	4.0000e-005	1.9779
Landscaping	0.0141	5.3900e-003	0.4679	2.0000e-005		2.6000e-003	2.6000e-003		2.6000e-003	2.6000e-003	0.0000	0.7668	0.7668	7.3000e-004	0.0000	0.7852
Total	**0.6127**	**7.0900e-003**	**0.4686**	**3.0000e-005**		**2.7400e-003**	**2.7400e-003**		**2.7400e-003**	**2.7400e-003**	**0.0000**	**2.7330**	**2.7330**	**7.7000e-004**	**4.0000e-005**	**2.7631**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	4.7974	0.1073	2.5900e-003	8.2538
Unmitigated	5.9967	0.1342	3.2400e-003	10.3173

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	4.1047 / 2.58775	5.9967	0.1342	3.2400e-003	10.3173
Total		**5.9967**	**0.1342**	**3.2400e-003**	**10.3173**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.28376 / 2.0702	4.7974	0.1073	2.5900e-003	8.2538
Total		**4.7974**	**0.1073**	**2.5900e-003**	**8.2538**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	14.6828	0.8677	0.0000	36.3761
Unmitigated	18.5859	1.0984	0.0000	46.0457

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	91.56	18.5859	1.0984	0.0000	46.0457
Total		**18.5859**	**1.0984**	**0.0000**	**46.0457**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	72.3324	14.6828	0.8677	0.0000	36.3761
Total		**14.6828**	**0.8677**	**0.0000**	**36.3761**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Vines at Oakley Project

Estimation of Annual Onsite Construction DPM Emissions (Unmitigated)

Start of Construction	5/1/2020	
End of Construction	12/1/2022	
Number of Workdays	675	(non-weekends)
Construction Schedule	8	hours/day

Size of the Construction area source: **39,221** **sq-meters**

Year	Construction Activity	Onsite (tons)
2020	Demolition	1.540E-02
2020	Site Preparation	1.010E-02
2020	Grading	1.170E-02
2020	Paving	6.930E-03
2020	Building Construction—2020	2.210E-02
2021	Building Construction—2021	4.710E-02
2022	Building Construction—2022	3.330E-02
2022	Architectural Coating	8.200E-04
Total		1.475E-01 tons

Average Emission	1.339E+05	grams
	1.983E+02	grams/day
	6.887E-03	grams/sec
	1.756E-07	grams/m2-sec

Estimation of Annual Onsite Construction PM2.5 Total Emissions (Unmitigated)

Start of Construction	5/1/2020	
End of Construction	12/1/2022	
Number of Workdays	675	(non-weekends)
Construction Schedule	8	hours/day

Size of the Construction area source: **39,221** **sq-meters**

Year	Construction Activity	Onsite (tons)
2020	Demolition	1.550E-02
2020	Site Preparation	3.250E-02
2020	Grading	2.700E-02
2020	Paving	6.930E-03
2020	Building Construction—2020	2.210E-02
2021	Building Construction—2021	4.710E-02
2022	Building Construction—2022	3.330E-02
2022	Architectural Coating	8.200E-04
Total		1.853E-01 tons

Average Emission	1.682E+05	grams
	2.492E+02	grams/day
	8.653E-03	grams/sec
	2.206E-07	grams/m2-sec

The Vines at Oakley Project

Tier IV Interim Mitigated
Estimation of Annual Onsite Construction DPM Emissions (Mitigated)

Start of Construction	5/1/2020	
End of Construction	12/1/2022	
Number of Workdays	675	(non-weekends)
Construction Schedule	8	hours/day

Size of the Construction area source: **39,221** **sq-meters**

Year	Construction Activity	Onsite (tons)
2020	Demolition	6.200E-04
2020	Site Preparation	3.100E-04
2020	Grading	4.800E-04
2020	Paving	3.700E-04
2020	Building Construction—2020	2.620E-03
2021	Building Construction—2021	5.850E-03
2022	Building Construction—2022	4.460E-03
2022	Architectural Coating	4.000E-05

Total 1.475E-02 tons

Average Emission		
	1.339E+04	grams
	1.984E+01	grams/day
	6.889E-04	grams/sec
	1.757E-08	grams/m2-sec

Tier IV Interim Mitigated
Estimation of Annual Onsite Construction PM2.5 Total Emissions (Mitigated)

Start of Construction	5/1/2020	
End of Construction	12/1/2022	
Number of Workdays	675	(non-weekends)
Construction Schedule	8	hours/day

Size of the Construction area source: **39,221** **sq-meters**

Year	Construction Activity	Onsite (tons)
2020	Demolition	6.500E-04
2020	Site Preparation	2.270E-02
2020	Grading	1.580E-02
2020	Paving	3.700E-04
2020	Building Construction—2020	2.620E-03
2021	Building Construction—2021	5.850E-03
2022	Building Construction—2022	4.460E-03
2022	Architectural Coating	4.000E-05

Total 5.249E-02 tons

Average Emission		
	4.766E+04	grams
	7.061E+01	grams/day
	2.452E-03	grams/sec
	6.251E-08	grams/m2-sec

The Vines at Oakley Project

Estimation of Annual Offsite Construction Emissions (No Mitigation

Start of Construction	5/1/2020	
End of Construction	12/1/2022	
Number of Workdays	675	(non-weekends)
Construction Schedule	8	hours/day

	Construction Trip Type	2020 Demolition	2020 Site Preparation	2020 Grading	2020 Paving	2020 Building Construction	2021 Building Construction	2022 Building Construction	2022 Architectural Coating
DPM	Haul Truck	0	0	0.00213	0	0	0	0	0
DPM	Vendor Truck	0	0	0	0	0.00038	0.00038	0.00027	0
DPM	Worker	0.00001	0	0.00001	0.00001	0.0001	0.00024	0.00019	0
DPM	Total	0.00001	0	0.00214	0.00001	0.00048	0.00062	0.00046	0
PM2.5 Total	Haul Truck	0.00001	0	0.013	0	0	0	0	0
PM2.5 Total	Vendor Truck	0	0	0	0	0.00168	0.0036	0.00298	0
PM2.5 Total	Worker	0.00032	0.00019	0.00032	0.00032	0.00431	0.0107	0.00897	0.00017
PM2.5 Total	Total	0.00033	0.00019	0.0133	0.00032	0.00599	0.0143	0.012	0.00017

		Haul Truck (tons)	Vendor Truck (tons)	Worker (tons)	Total (tons)
Total DPM		2.130E-03	1.030E-03	5.600E-04	3.720E-03
Average Emissions	Grams	1.934E+03	9.352E+02	5.085E+02	
	Grams/day	2.865E+00	1.386E+00	7.533E-01	
	Grams/sec	9.949E-05	4.811E-05	2.616E-05	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	
	Vehicle Travel Distances in the Construction HRA (miles)				
	Road Segment (mi)	0.62	0.62	0.62	miles
	Trip Distribution (percent)				
	All Road Segments	100%	100%	100%	
	Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
	Road Segment 1 (mi)	3.075E-06	4.074E-06	1.497E-06	8.646E-06

		Haul Truck (tons)	Vendor Truck (tons)	Worker (tons)	Total (tons)
Total PM2.5 Total		1.301E-02	8.260E-03	2.530E-02	4.657E-02
Average Emissions	Grams	1.181E+04	7.500E+03	2.297E+04	
	Grams/day	1.750E+01	1.111E+01	3.403E+01	
	Grams/sec	6.077E-04	3.858E-04	1.182E-03	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	
	Vehicle Travel Distances in the Construction HRA (miles)				
	Road Segment (mi)	0.62	0.62	0.62	miles
	Trip Distribution (percent)				
	All Road Segments	100%	100%	100%	
	Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
	Road Segment 1 (mi)	1.878E-05	3.267E-05	6.764E-05	1.191E-04

The Vines at Oakley Project

Construction Annual DPM Emissions (as PM2.5 Exhaust)

Unmitigated Concentrations at MIR

Maximum DPM (ug/m3)

Annual Average Onsite DPM Exhaust Emission Rate (grams/m2/sec): 1.76E-07

Annual Average Offsite DPM Exhaust Emission Rate - Road Segment 1 (grams/sec): 8.65E-06

5.6426E-02

MIR UTM

X (m) 610770.43 Y (m) 4206197.03

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road Segment 1 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite-Road Segment 1 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
610294.43	4205714.03	7090.07169	0.00125	0.07638	6.60381E-07	1.2457E-03
610301.43	4205714.03	7236.6894	0.00127	0.07565	6.54070E-07	1.2714E-03
610308.43	4205714.03	7384.41692	0.00130	0.07492	6.47758E-07	1.2973E-03
610315.43	4205714.03	7533.42786	0.00132	0.07415	6.41101E-07	1.3235E-03
610322.43	4205714.03	7683.19542	0.00135	0.07340	6.34616E-07	1.3498E-03
610329.43	4205714.03	7833.89471	0.00138	0.07265	6.28132E-07	1.3762E-03
610336.43	4205714.03	7985.14875	0.00140	0.07189	6.21561E-07	1.4028E-03
610343.43	4205714.03	8136.38867	0.00143	0.07111	6.14817E-07	1.4293E-03
610350.43	4205714.03	8287.87751	0.00146	0.07033	6.08073E-07	1.4559E-03
610357.43	4205714.03	8438.91454	0.00148	0.06954	6.01242E-07	1.4825E-03
610364.43	4205714.03	8589.60813	0.00151	0.06877	5.94585E-07	1.5089E-03
610371.43	4205714.03	8739.22835	0.00153	0.06813	5.89052E-07	1.5352E-03
610378.43	4205714.03	8905.12154	0.00156	0.06734	5.82221E-07	1.5643E-03
610385.43	4205714.03	9052.79066	0.00159	0.06656	5.75477E-07	1.5902E-03
610392.43	4205714.03	9198.87265	0.00162	0.06576	5.68561E-07	1.6159E-03
610399.43	4205714.03	9342.72523	0.00164	0.06497	5.61730E-07	1.6411E-03
610406.43	4205714.03	9483.59942	0.00167	0.06415	5.54641E-07	1.6659E-03
610413.43	4205714.03	9621.6647	0.00169	0.06333	5.47551E-07	1.6901E-03
610420.43	4205714.03	9755.90134	0.00171	0.06250	5.40375E-07	1.7137E-03
610427.43	4205714.03	9886.42257	0.00174	0.06165	5.33026E-07	1.7366E-03
610434.43	4205714.03	10012.12712	0.00176	0.06078	5.25504E-07	1.7586E-03
610441.43	4205714.03	10133.31951	0.00178	0.05992	5.18068E-07	1.7799E-03
610448.43	4205714.03	10248.97914	0.00180	0.05906	5.10632E-07	1.8002E-03
610455.43	4205714.03	10358.48279	0.00182	0.05820	5.03197E-07	1.8194E-03
610462.43	4205714.03	10461.87248	0.00184	0.05734	4.95761E-07	1.8376E-03
610469.43	4205714.03	10558.12251	0.00185	0.05648	4.88326E-07	1.8545E-03
610476.43	4205714.03	10647.36107	0.00187	0.05562	4.80890E-07	1.8701E-03
610483.43	4205714.03	10728.47643	0.00188	0.05476	4.73455E-07	1.8844E-03
610490.43	4205714.03	10801.63452	0.00190	0.05390	4.66019E-07	1.8972E-03
610504.43	4205714.03	10920.49513	0.00192	0.05219	4.51234E-07	1.9181E-03
610511.43	4205714.03	10965.99562	0.00193	0.05134	4.43885E-07	1.9260E-03
610518.43	4205714.03	11001.80591	0.00193	0.05049	4.36536E-07	1.9323E-03
610525.43	4205714.03	11027.4445	0.00194	0.04965	4.29274E-07	1.9368E-03
610532.43	4205714.03	11042.9196	0.00194	0.04881	4.22011E-07	1.9395E-03
610539.43	4205714.03	11047.42453	0.00194	0.04797	4.14748E-07	1.9403E-03
610546.43	4205714.03	11041.63325	0.00194	0.04713	4.07486E-07	1.9393E-03
610553.43	4205714.03	11024.84773	0.00194	0.04629	4.00223E-07	1.9363E-03
610560.43	4205714.03	10997.07118	0.00193	0.04546	3.93047E-07	1.9315E-03
610567.43	4205714.03	10957.20379	0.00192	0.04462	3.85784E-07	1.9244E-03
610574.43	4205714.03	10905.14321	0.00191	0.04379	3.78608E-07	1.9153E-03
610581.43	4205714.03	10841.81091	0.00190	0.04297	3.71518E-07	1.9042E-03
610588.43	4205714.03	10766.91312	0.00189	0.04214	3.64342E-07	1.8910E-03
610595.43	4205714.03	10681.14937	0.00188	0.04133	3.57339E-07	1.8759E-03
610602.43	4205714.03	10584.33991	0.00186	0.04052	3.50336E-07	1.8589E-03
610609.43	4205714.03	10476.53225	0.00184	0.03973	3.43505E-07	1.8400E-03
610616.43	4205714.03	10357.45383	0.00182	0.03893	3.36589E-07	1.8191E-03
610623.43	4205714.03	10227.97545	0.00180	0.03815	3.29845E-07	1.7963E-03
610630.43	4205714.03	10087.83115	0.00177	0.03738	3.23187E-07	1.7717E-03
610651.43	4205714.03	9609.28171	0.00169	0.03513	3.03734E-07	1.6877E-03
610658.43	4205714.03	9430.86418	0.00166	0.03441	2.97509E-07	1.6563E-03
610665.43	4205714.03	9243.20462	0.00162	0.03369	2.91284E-07	1.6234E-03
610672.43	4205714.03	9046.35049	0.00159	0.03298	2.85145E-07	1.5888E-03
610679.43	4205714.03	8841.56837	0.00155	0.03229	2.79179E-07	1.5528E-03
610686.43	4205714.03	8628.9274	0.00152	0.03161	2.73300E-07	1.5155E-03
610693.43	4205714.03	8408.66124	0.00148	0.03093	2.67421E-07	1.4768E-03
610700.43	4205714.03	8182.15868	0.00144	0.03027	2.61714E-07	1.4370E-03
610707.43	4205714.03	7949.42085	0.00140	0.02963	2.56181E-07	1.3962E-03
610714.43	4205714.03	7710.91344	0.00135	0.02899	2.50647E-07	1.3543E-03
610721.43	4205714.03	7467.05573	0.00131	0.02836	2.45200E-07	1.3114E-03
610847.43	4205714.03	3301.19061	0.00058	0.01954	1.68943E-07	5.7985E-04
610854.43	4205714.03	3126.93942	0.00055	0.01918	1.65830E-07	5.4925E-04
610861.43	4205714.03	2963.18703	0.00052	0.01884	1.62891E-07	5.2049E-04
610868.43	4205714.03	2809.3861	0.00049	0.01851	1.60037E-07	4.9348E-04
610875.43	4205714.03	2664.50591	0.00047	0.01819	1.57271E-07	4.6804E-04
610882.43	4205714.03	2527.47475	0.00044	0.01788	1.54590E-07	4.4397E-04
610889.43	4205714.03	2398.55887	0.00042	0.01758	1.51997E-07	4.2133E-04
610910.43	4205714.03	2058.28775	0.00036	0.01674	1.44734E-07	3.6158E-04
610917.43	4205714.03	1959.04957	0.00034	0.01648	1.42486E-07	3.4415E-04
610924.43	4205714.03	1866.84295	0.00033	0.01622	1.40238E-07	3.2795E-04
610931.43	4205714.03	1780.04392	0.00031	0.01598	1.38163E-07	3.1271E-04
610938.43	4205714.03	1696.72814	0.00030	0.01574	1.36088E-07	2.9808E-04
610945.43	4205714.03	1619.14173	0.00028	0.01551	1.34099E-07	2.8445E-04
610952.43	4205714.03	1546.97176	0.00027	0.01529	1.32197E-07	2.7178E-04
610959.43	4205714.03	1479.85672	0.00026	0.01507	1.30295E-07	2.5999E-04
610966.43	4205714.03	1417.45728	0.00025	0.01486	1.28479E-07	2.4903E-04
610973.43	4205714.03	1359.46774	0.00024	0.01465	1.26664E-07	2.3885E-04
610980.43	4205714.03	1305.55749	0.00023	0.01445	1.24935E-07	2.2938E-04
610987.43	4205714.03	1255.47036	0.00022	0.01426	1.23292E-07	2.2058E-04
610994.43	4205714.03	1208.92047	0.00021	0.01407	1.21649E-07	2.1241E-04
611001.43	4205714.03	1165.32828	0.00020	0.01389	1.20093E-07	2.0475E-04
611008.43	4205714.03	1125.03051	0.00020	0.01372	1.18623E-07	1.9767E-04
611015.43	4205714.03	1087.48507	0.00019	0.01354	1.17067E-07	1.9108E-04
611022.43	4205714.03	1052.49071	0.00018	0.01338	1.15683E-07	1.8493E-04
611029.43	4205714.03	1019.87563	0.00018	0.01321	1.14214E-07	1.7920E-04
611050.43	4205714.03	934.1842	0.00016	0.01275	1.10236E-07	1.6415E-04
611057.43	4205714.03	909.14291	0.00016	0.01260	1.08940E-07	1.5975E-04
611064.43	4205714.03	885.6481	0.00016	0.01245	1.07643E-07	1.5563E-04
611071.43	4205714.03	863.36682	0.00015	0.01231	1.06432E-07	1.5171E-04
611078.43	4205714.03	842.55673	0.00015	0.01217	1.05222E-07	1.4806E-04
611085.43	4205714.03	822.89619	0.00014	0.01204	1.04098E-07	1.4460E-04
611092.43	4205714.03	804.32322	0.00014	0.01190	1.02887E-07	1.4134E-04
610294.43	4205721.03	7184.4317	0.00126	0.07801	6.74474E-07	1.2622E-03
610301.43	4205721.03	7337.09208	0.00129	0.07726	6.67990E-07	1.2890E-03
610308.43	4205721.03	7490.97113	0.00132	0.07652	6.61592E-07	1.3161E-03
610315.43	4205721.03	7646.56921	0.00134	0.07574	6.54848E-07	1.3434E-03
610322.43	4205721.03	7803.34434	0.00137	0.07497	6.48190E-07	1.3709E-03
610329.43	4205721.03	7960.86747	0.00140	0.07421	6.41619E-07	1.3986E-03
610336.43	4205721.03	8119.36814	0.00143	0.07343	6.34875E-07	1.4264E-03
610343.43	4205721.03	8278.22427	0.00145	0.07263	6.27959E-07	1.4543E-03
610350.43	4205721.03	8437.58827	0.00148	0.07184	6.21128E-07	1.4822E-03
610357.43	4205721.03	8596.71356	0.00151	0.07104	6.14211E-07	1.5102E-03
610364.43	4205721.03	8755.79212	0.00154	0.07024	6.07295E-07	1.5381E-03
610371.43	4205721.03	8914.01	0.00157	0.06960	6.01761E-07	1.5659E-03
610378.43	4205721.03	9088.77516	0.00160	0.06879	5.94758E-07	1.5966E-03
610385.43	4205721.03	9245.77167	0.00162	0.06799	5.87841E-07	1.6241E-03
610392.43	4205721.03	9400.76784	0.00165	0.06716	5.80665E-07	1.6513E-03
610399.43	4205721.03	9554.00425	0.00168	0.06635	5.73662E-07	1.6782E-03
610406.43	4205721.03	9704.45087	0.00170	0.06551	5.66399E-07	1.7046E-03
610413.43	4205721.03	9852.23001	0.00173	0.06467	5.59137E-07	1.7306E-03
610420.43	4205721.03	9996.27707	0.00176	0.06383	5.51874E-07	1.7559E-03
610427.43	4205721.03	10136.75021	0.00178	0.06295	5.44265E-07	1.7805E-03
610434.43	4205721.03	10272.77895	0.00180	0.06207	5.36657E-07	1.8044E-03
610441.43	4205721.03	10403.56326	0.00183	0.06118	5.28962E-07	1.8274E-03
610448.43	4205721.03	10529.27806	0.00185	0.06030	5.21354E-07	1.8494E-03
610455.43	4205721.03	10648.62812	0.00187	0.05942	5.13745E-07	1.8704E-03
610462.43	4205721.03	10761.8579	0.00189	0.05853	5.06050E-07	1.8903E-03
610469.43	4205721.03	10867.73144	0.00191	0.05765	4.98442E-07	1.9088E-03
610476.43	4205721.03	10966.42719	0.00193	0.05677	4.90833E-07	1.9262E-03
610483.43	4205721.03	11056.66929	0.00194	0.05588	4.83138E-07	1.9420E-03
610490.43	4205721.03	11138.81452	0.00196	0.05501	4.75616E-07	1.9564E-03
610504.43	4205721.03	11274.88021	0.00198	0.05326	4.60486E-07	1.9803E-03
610511.43	4205721.03	11328.00035	0.00199	0.05238	4.52877E-07	1.9896E-03
610518.43	4205721.03	11371.22752	0.00200	0.05152	4.45442E-07	1.9972E-03
610525.43	4205721.03	11403.46569	0.00200	0.05065	4.37920E-07	2.0029E-03
610532.43	4205721.03	11425.19406	0.00201	0.04979	4.30484E-07	2.0067E-03
610539.43	4205721.03	11435.29697	0.00201	0.04893	4.23049E-07	2.0084E-03
610546.43	4205721.03	11434.41832	0.00201	0.04806	4.15527E-07	2.0083E-03
610553.43	4205721.03	11421.51684	0.00201	0.04720	4.08091E-07	2.0060E-03
610560.43	4205721.03	11397.21057	0.00200	0.04635	4.00742E-07	2.0017E-03
610567.43	4205721.03	11359.95067	0.00199	0.04550	3.93393E-07	1.9952E-03
610574.43	4205721.03	11308.88851	0.00199	0.04464	3.85957E-07	1.9862E-03
610581.43	4205721.03	11245.77045	0.00197	0.04379	3.78608E-07	1.9751E-03
610588.43	4205721.03	11170.62456	0.00196	0.04295	3.71345E-07	1.9619E-03
610595.43	4205721.03	11083.29763	0.00195	0.04211	3.64083E-07	1.9466E-03
610602.43	4205721.03	10984.08292	0.00193	0.04128	3.56907E-07	1.9291E-03
610609.43	4205721.03	10873.01421	0.00191	0.04046	3.49817E-07	1.9096E-03
610616.43	4205721.03	10750.13238	0.00189	0.03964	3.42727E-07	1.8880E-03
610623.43	4205721.03	10615.63814	0.00186	0.03884	3.35810E-07	1.8644E-03

610630.43	4205721.03	10469.69463	0.00184	0.03804	3.28894E-07	1.8388E-03
610651.43	4205721.03	9970.14079	0.00175	0.03574	3.09008E-07	1.7510E-03
610658.43	4205721.03	9783.14737	0.00172	0.03499	3.02523E-07	1.7182E-03
610665.43	4205721.03	9586.58411	0.00168	0.03426	2.96212E-07	1.6837E-03
610672.43	4205721.03	9380.11892	0.00165	0.03354	2.89987E-07	1.6474E-03
610679.43	4205721.03	9164.7562	0.00161	0.03283	2.83848E-07	1.6096E-03
610686.43	4205721.03	8941.34862	0.00157	0.03213	2.77796E-07	1.5704E-03
610693.43	4205721.03	8709.86449	0.00153	0.03144	2.71830E-07	1.5297E-03
610700.43	4205721.03	8471.35962	0.00149	0.03076	2.65951E-07	1.4878E-03
610707.43	4205721.03	8227.00732	0.00144	0.03010	2.60244E-07	1.4449E-03
610714.43	4205721.03	7975.90473	0.00140	0.02944	2.54538E-07	1.4008E-03
610735.43	4205721.03	7194.56506	0.00126	0.02756	2.38284E-07	1.2636E-03
610742.43	4205721.03	6929.34869	0.00122	0.02696	2.33096E-07	1.2170E-03
610749.43	4205721.03	6663.80871	0.00117	0.02637	2.27995E-07	1.1704E-03
610756.43	4205721.03	6398.0704	0.00112	0.02581	2.23153E-07	1.1237E-03
610763.43	4205721.03	6133.5775	0.00108	0.02525	2.18311E-07	1.0773E-03
610770.43	4205721.03	5871.31662	0.00103	0.02472	2.13729E-07	1.0312E-03
610777.43	4205721.03	5612.72098	0.00099	0.02419	2.09147E-07	9.8579E-04
610784.43	4205721.03	5357.77656	0.00094	0.02369	2.04824E-07	9.4102E-04
610791.43	4205721.03	5107.34819	0.00090	0.02320	2.00587E-07	8.9704E-04
610798.43	4205721.03	4862.5306	0.00085	0.02272	1.96437E-07	8.5405E-04
610805.43	4205721.03	4624.21412	0.00081	0.02226	1.92460E-07	8.1219E-04
610812.43	4205721.03	4392.86887	0.00077	0.02181	1.88569E-07	7.7157E-04
610819.43	4205721.03	4169.34862	0.00073	0.02138	1.84851E-07	7.3231E-04
610826.43	4205721.03	3953.89102	0.00069	0.02096	1.81220E-07	6.9448E-04
610833.43	4205721.03	3746.9886	0.00066	0.02055	1.77675E-07	6.5814E-04
610840.43	4205721.03	3548.96701	0.00062	0.02016	1.74303E-07	6.2337E-04
610847.43	4205721.03	3359.94571	0.00059	0.01979	1.71104E-07	5.9017E-04
610854.43	4205721.03	3180.06817	0.00056	0.01942	1.67905E-07	5.5858E-04
610861.43	4205721.03	3011.3052	0.00053	0.01907	1.64879E-07	5.2894E-04
610868.43	4205721.03	2853.6154	0.00050	0.01873	1.61939E-07	5.0125E-04
610875.43	4205721.03	2704.84028	0.00047	0.01841	1.59173E-07	4.7512E-04
610882.43	4205721.03	2565.32385	0.00045	0.01810	1.56493E-07	4.5062E-04
610889.43	4205721.03	2433.80673	0.00043	0.01779	1.53812E-07	4.2752E-04
610910.43	4205721.03	2087.43307	0.00037	0.01694	1.46463E-07	3.6670E-04
610917.43	4205721.03	1986.8647	0.00035	0.01668	1.44215E-07	3.4903E-04
610924.43	4205721.03	1893.15738	0.00033	0.01642	1.41967E-07	3.3258E-04
610931.43	4205721.03	1805.42297	0.00032	0.01617	1.39806E-07	3.1717E-04
610938.43	4205721.03	1720.80402	0.00030	0.01593	1.37731E-07	3.0231E-04
610945.43	4205721.03	1642.10796	0.00029	0.01569	1.35656E-07	2.8849E-04
610952.43	4205721.03	1568.93231	0.00028	0.01547	1.33754E-07	2.7563E-04
610959.43	4205721.03	1500.99263	0.00026	0.01525	1.31851E-07	2.6370E-04
610966.43	4205721.03	1437.85333	0.00025	0.01503	1.29949E-07	2.5261E-04
610973.43	4205721.03	1378.91138	0.00024	0.01482	1.28134E-07	2.4226E-04
610980.43	4205721.03	1324.47979	0.00023	0.01462	1.26404E-07	2.3270E-04
610987.43	4205721.03	1273.92459	0.00022	0.01443	1.24762E-07	2.2382E-04
610994.43	4205721.03	1226.9318	0.00022	0.01424	1.23119E-07	2.1557E-04
611001.43	4205721.03	1183.24455	0.00021	0.01405	1.21476E-07	2.0790E-04
611008.43	4205721.03	1142.61385	0.00020	0.01387	1.19920E-07	2.0076E-04
611015.43	4205721.03	1104.78323	0.00019	0.01370	1.18450E-07	1.9412E-04
611022.43	4205721.03	1069.51349	0.00019	0.01353	1.16980E-07	1.8792E-04
611029.43	4205721.03	1036.60774	0.00018	0.01336	1.15510E-07	1.8214E-04
611050.43	4205721.03	950.03384	0.00017	0.01289	1.11447E-07	1.6694E-04
611057.43	4205721.03	924.78893	0.00016	0.01274	1.10150E-07	1.6250E-04
611064.43	4205721.03	901.05399	0.00016	0.01259	1.08853E-07	1.5833E-04
611071.43	4205721.03	878.74343	0.00015	0.01245	1.07643E-07	1.5441E-04
611078.43	4205721.03	857.70552	0.00015	0.01231	1.06432E-07	1.5072E-04
611085.43	4205721.03	837.83472	0.00015	0.01217	1.05222E-07	1.4723E-04
611092.43	4205721.03	819.05774	0.00014	0.01204	1.04098E-07	1.4393E-04
610294.43	4205728.03	7278.14877	0.00128	0.07969	6.88999E-07	1.2787E-03
610301.43	4205728.03	7436.87762	0.00131	0.07893	6.82428E-07	1.3066E-03
610308.43	4205728.03	7597.18219	0.00133	0.07817	6.75857E-07	1.3347E-03
610315.43	4205728.03	7759.44516	0.00136	0.07738	6.69027E-07	1.3632E-03
610322.43	4205728.03	7922.9131	0.00139	0.07659	6.62197E-07	1.3919E-03
610329.43	4205728.03	8087.96572	0.00142	0.07582	6.55539E-07	1.4209E-03
610336.43	4205728.03	8253.83107	0.00145	0.07502	6.48623E-07	1.4500E-03
610343.43	4205728.03	8420.71189	0.00148	0.07423	6.41792E-07	1.4793E-03
610350.43	4205728.03	8587.99492	0.00151	0.07340	6.34616E-07	1.5087E-03
610357.43	4205728.03	8755.79694	0.00154	0.07258	6.27526E-07	1.5381E-03
610364.43	4205728.03	8923.35651	0.00157	0.07177	6.20523E-07	1.5675E-03
610371.43	4205728.03	9090.81299	0.00160	0.07111	6.14817E-07	1.5969E-03
610378.43	4205728.03	9274.72898	0.00163	0.07028	6.07641E-07	1.6292E-03
610385.43	4205728.03	9441.12724	0.00166	0.06946	6.00551E-07	1.6584E-03
610392.43	4205728.03	9605.86321	0.00169	0.06861	5.93202E-07	1.6874E-03
610399.43	4205728.03	9768.98897	0.00172	0.06778	5.86026E-07	1.7160E-03
610406.43	4205728.03	9929.53571	0.00174	0.06692	5.78590E-07	1.7442E-03
610413.43	4205728.03	10087.61298	0.00177	0.06606	5.71154E-07	1.7719E-03
610420.43	4205728.03	10242.4785	0.00180	0.06520	5.63719E-07	1.7991E-03
610427.43	4205728.03	10393.11232	0.00183	0.06429	5.55851E-07	1.8256E-03
610434.43	4205728.03	10539.86685	0.00185	0.06339	5.48070E-07	1.8513E-03
610441.43	4205728.03	10681.30132	0.00188	0.06249	5.40288E-07	1.8762E-03
610448.43	4205728.03	10817.69428	0.00190	0.06158	5.32420E-07	1.9001E-03
610455.43	4205728.03	10947.81797	0.00192	0.06067	5.24553E-07	1.9229E-03
610462.43	4205728.03	11071.59803	0.00194	0.05977	5.16771E-07	1.9447E-03
610469.43	4205728.03	11188.26872	0.00196	0.05886	5.08903E-07	1.9651E-03
610476.43	4205728.03	11296.84839	0.00198	0.05795	5.01035E-07	1.9842E-03
610483.43	4205728.03	11397.50908	0.00200	0.05705	4.93254E-07	2.0019E-03
610490.43	4205728.03	11488.99771	0.00202	0.05615	4.85473E-07	2.0179E-03
610504.43	4205728.03	11643.75268	0.00204	0.05435	4.69910E-07	2.0451E-03
610511.43	4205728.03	11705.63325	0.00206	0.05346	4.62215E-07	2.0559E-03
610518.43	4205728.03	11757.12185	0.00206	0.05258	4.54606E-07	2.0650E-03
610525.43	4205728.03	11797.08793	0.00207	0.05169	4.46911E-07	2.0720E-03
610532.43	4205728.03	11825.45934	0.00208	0.05080	4.39217E-07	2.0770E-03
610539.43	4205728.03	11842.01799	0.00208	0.04992	4.31608E-07	2.0799E-03
610546.43	4205728.03	11846.71912	0.00208	0.04903	4.23913E-07	2.0807E-03
610553.43	4205728.03	11838.68508	0.00208	0.04815	4.16305E-07	2.0793E-03
610560.43	4205728.03	11818.02793	0.00208	0.04727	4.08696E-07	2.0756E-03
610567.43	4205728.03	11783.51711	0.00207	0.04640	4.01174E-07	2.0696E-03
610574.43	4205728.03	11733.92958	0.00206	0.04551	3.93479E-07	2.0608E-03
610581.43	4205728.03	11671.38289	0.00205	0.04464	3.85957E-07	2.0499E-03
610588.43	4205728.03	11596.14081	0.00204	0.04377	3.78435E-07	2.0366E-03
610595.43	4205728.03	11507.4478	0.00202	0.04291	3.71000E-07	2.0211E-03
610602.43	4205728.03	11405.9649	0.00200	0.04205	3.63564E-07	2.0032E-03
610609.43	4205728.03	11291.97653	0.00198	0.04121	3.56301E-07	1.9832E-03
610616.43	4205728.03	11164.85822	0.00196	0.04037	3.49039E-07	1.9609E-03
610623.43	4205728.03	11025.20769	0.00194	0.03955	3.41949E-07	1.9363E-03
610630.43	4205728.03	10873.50442	0.00191	0.03873	3.34859E-07	1.9097E-03
610651.43	4205728.03	10351.57881	0.00182	0.03636	3.14368E-07	1.8180E-03
610658.43	4205728.03	10156.17958	0.00178	0.03560	3.07797E-07	1.7837E-03
610665.43	4205728.03	9949.72443	0.00175	0.03485	3.01313E-07	1.7475E-03
610672.43	4205728.03	9733.02882	0.00171	0.03411	2.94915E-07	1.7094E-03
610679.43	4205728.03	9506.75463	0.00167	0.03338	2.88603E-07	1.6697E-03
610686.43	4205728.03	9271.46787	0.00163	0.03266	2.82378E-07	1.6283E-03
610693.43	4205728.03	9027.92839	0.00159	0.03195	2.76240E-07	1.5856E-03
610700.43	4205728.03	8776.96344	0.00154	0.03126	2.70274E-07	1.5415E-03
610707.43	4205728.03	8519.44035	0.00150	0.03058	2.64395E-07	1.4963E-03
610728.43	4205728.03	7708.78546	0.00135	0.02860	2.47275E-07	1.3539E-03
610735.43	4205728.03	7430.85059	0.00130	0.02797	2.41828E-07	1.3051E-03
610742.43	4205728.03	7151.66994	0.00126	0.02736	2.36554E-07	1.2561E-03
610749.43	4205728.03	6871.44159	0.00121	0.02676	2.31367E-07	1.2068E-03
610756.43	4205728.03	6592.09699	0.00116	0.02618	2.26352E-07	1.1578E-03
610763.43	4205728.03	6313.78587	0.00111	0.02562	2.21510E-07	1.1089E-03
610770.43	4205728.03	6038.54189	0.00106	0.02507	2.16755E-07	1.0606E-03
610777.43	4205728.03	5766.45838	0.00101	0.02453	2.12086E-07	1.0128E-03
610784.43	4205728.03	5499.41524	0.00097	0.02402	2.07677E-07	9.6589E-04
610791.43	4205728.03	5237.40736	0.00092	0.02351	2.03267E-07	9.1988E-04
610798.43	4205728.03	4981.58093	0.00087	0.02303	1.99117E-07	8.7495E-04
610805.43	4205728.03	4732.8825	0.00083	0.02256	1.95054E-07	8.3128E-04
610812.43	4205728.03	4491.81062	0.00079	0.02210	1.91076E-07	7.8894E-04
610819.43	4205728.03	4259.18622	0.00075	0.02166	1.87272E-07	7.4809E-04
610826.43	4205728.03	4035.34143	0.00071	0.02123	1.83554E-07	7.0878E-04
610833.43	4205728.03	3820.69768	0.00067	0.02082	1.80010E-07	6.7109E-04
610840.43	4205728.03	3615.58524	0.00063	0.02042	1.76551E-07	6.3507E-04
610847.43	4205728.03	3420.14552	0.00060	0.02004	1.73266E-07	6.0074E-04
610854.43	4205728.03	3234.49271	0.00057	0.01967	1.70067E-07	5.6814E-04
610861.43	4205728.03	3061.06709	0.00054	0.01931	1.66954E-07	5.3768E-04
610868.43	4205728.03	2899.34856	0.00051	0.01897	1.64015E-07	5.0928E-04
610875.43	4205728.03	2746.5803	0.00048	0.01864	1.61161E-07	4.8245E-04
610882.43	4205728.03	2603.57112	0.00046	0.01832	1.58395E-07	4.5734E-04
610889.43	4205728.03	2469.46986	0.00043	0.01801	1.55714E-07	4.3379E-04
610910.43	4205728.03	2117.01206	0.00037	0.01715	1.48279E-07	3.7189E-04
610917.43	4205728.03	2015.18801	0.00035	0.01688	1.45944E-07	3.5401E-04
610924.43	4205728.03	1920.42635	0.00034	0.01662	1.43696E-07	3.3737E-04
610931.43	4205728.03	1831.84921	0.00032	0.01637	1.41535E-07	3.2181E-04
610938.43	4205728.03	1745.88763	0.00031	0.01612	1.39373E-07	3.0671E-04
610945.43	4205728.03	1665.62536	0.00029	0.01588	1.37298E-07	2.9262E-04
610952.43	4205728.03	1591.5233	0.00028	0.01565	1.35310E-07	2.7960E-04
610959.43	4205728.03	1522.71258	0.00027	0.01543	1.33408E-07	2.6752E-04
610966.43	4205728.03	1458.8451	0.00026	0.01521	1.31506E-07	2.5630E-04

610973.43	4205728.03	1399.5844	0.00025	0.01500	1.29690E-07	2.4589E-04
610980.43	4205728.03	1344.60927	0.00024	0.01480	1.27961E-07	2.3624E-04
610987.43	4205728.03	1293.54606	0.00023	0.01460	1.26232E-07	2.2727E-04
610994.43	4205728.03	1246.15735	0.00022	0.01440	1.24502E-07	2.1895E-04
611001.43	4205728.03	1202.08169	0.00021	0.01422	1.22946E-07	2.1121E-04
611008.43	4205728.03	1161.08771	0.00020	0.01403	1.21303E-07	2.0401E-04
611015.43	4205728.03	1122.67449	0.00020	0.01386	1.19833E-07	1.9726E-04
611022.43	4205728.03	1087.13126	0.00019	0.01368	1.18277E-07	1.9102E-04
611029.43	4205728.03	1053.98286	0.00019	0.01352	1.16894E-07	1.8519E-04
611050.43	4205728.03	966.83384	0.00017	0.01304	1.12744E-07	1.6989E-04
611057.43	4205728.03	941.35005	0.00017	0.01288	1.11360E-07	1.6541E-04
611064.43	4205728.03	917.39173	0.00016	0.01273	1.10064E-07	1.6120E-04
611071.43	4205728.03	894.84159	0.00016	0.01259	1.08853E-07	1.5724E-04
611078.43	4205728.03	873.42781	0.00015	0.01244	1.07556E-07	1.5348E-04
611085.43	4205728.03	853.35361	0.00015	0.01230	1.06346E-07	1.4995E-04
611092.43	4205728.03	834.3524	0.00015	0.01217	1.05222E-07	1.4662E-04
610294.43	4205735.03	7372.71018	0.00129	0.08147	7.04389E-07	1.2953E-03
610301.43	4205735.03	7537.68272	0.00132	0.08071	6.97818E-07	1.3243E-03
610308.43	4205735.03	7704.5844	0.00135	0.07991	6.90901E-07	1.3536E-03
610315.43	4205735.03	7873.37992	0.00138	0.07912	6.84071E-07	1.3832E-03
610322.43	4205735.03	8044.35967	0.00141	0.07833	6.77241E-07	1.4132E-03
610329.43	4205735.03	8216.62541	0.00144	0.07753	6.70324E-07	1.4435E-03
610336.43	4205735.03	8390.57578	0.00147	0.07671	6.63234E-07	1.4740E-03
610343.43	4205735.03	8565.40035	0.00150	0.07589	6.56145E-07	1.5047E-03
610350.43	4205735.03	8741.37687	0.00153	0.07506	6.48968E-07	1.5356E-03
610357.43	4205735.03	8917.71509	0.00157	0.07424	6.41879E-07	1.5666E-03
610364.43	4205735.03	9094.62043	0.00160	0.07337	6.34357E-07	1.5976E-03
610371.43	4205735.03	9288.04431	0.00163	0.07273	6.28823E-07	1.6316E-03
610378.43	4205735.03	9465.12018	0.00166	0.07188	6.21474E-07	1.6627E-03
610385.43	4205735.03	9641.17537	0.00169	0.07103	6.14125E-07	1.6936E-03
610392.43	4205735.03	9816.36804	0.00172	0.07017	6.06689E-07	1.7243E-03
610399.43	4205735.03	9989.68628	0.00175	0.06930	5.99167E-07	1.7548E-03
610406.43	4205735.03	10160.9615	0.00178	0.06844	5.91732E-07	1.7848E-03
610413.43	4205735.03	10329.94099	0.00181	0.06755	5.84037E-07	1.8145E-03
610420.43	4205735.03	10495.52426	0.00184	0.06663	5.76083E-07	1.8436E-03
610427.43	4205735.03	10657.89148	0.00187	0.06571	5.68128E-07	1.8721E-03
610434.43	4205735.03	10815.57183	0.00190	0.06478	5.60088E-07	1.8998E-03
610441.43	4205735.03	10968.99535	0.00193	0.06385	5.52047E-07	1.9267E-03
610448.43	4205735.03	11116.48288	0.00195	0.06292	5.44006E-07	1.9526E-03
610455.43	4205735.03	11258.41257	0.00198	0.06199	5.35965E-07	1.9775E-03
610462.43	4205735.03	11393.37572	0.00200	0.06106	5.27924E-07	2.0012E-03
610469.43	4205735.03	11521.33665	0.00202	0.06013	5.19884E-07	2.0236E-03
610476.43	4205735.03	11641.14598	0.00204	0.05920	5.11843E-07	2.0447E-03
610483.43	4205735.03	11752.76544	0.00206	0.05828	5.03889E-07	2.0643E-03
610490.43	4205735.03	11854.84634	0.00208	0.05735	4.95848E-07	2.0822E-03
610504.43	4205735.03	12029.40121	0.00211	0.05551	4.79939E-07	2.1128E-03
610511.43	4205735.03	12100.72279	0.00212	0.05459	4.71985E-07	2.1253E-03
610518.43	4205735.03	12160.71442	0.00214	0.05367	4.64031E-07	2.1359E-03
610525.43	4205735.03	12208.8511	0.00214	0.05277	4.56249E-07	2.1443E-03
610532.43	4205735.03	12244.82733	0.00215	0.05185	4.48295E-07	2.1506E-03
610539.43	4205735.03	12268.12664	0.00215	0.05094	4.40427E-07	2.1547E-03
610546.43	4205735.03	12278.51335	0.00216	0.05003	4.32559E-07	2.1565E-03
610553.43	4205735.03	12275.67651	0.00216	0.04912	4.24691E-07	2.1560E-03
610560.43	4205735.03	12259.29178	0.00215	0.04822	4.16910E-07	2.1531E-03
610567.43	4205735.03	12228.15929	0.00215	0.04732	4.09128E-07	2.1476E-03
610574.43	4205735.03	12181.27089	0.00214	0.04641	4.01261E-07	2.1394E-03
610581.43	4205735.03	12119.97143	0.00213	0.04551	3.93479E-07	2.1286E-03
610588.43	4205735.03	12044.688	0.00212	0.04462	3.85784E-07	2.1154E-03
610595.43	4205735.03	11955.65144	0.00210	0.04373	3.78089E-07	2.0998E-03
610602.43	4205735.03	11852.35528	0.00208	0.04286	3.70567E-07	2.0816E-03
610609.43	4205735.03	11735.14332	0.00206	0.04199	3.63045E-07	2.0610E-03
610616.43	4205735.03	11604.50189	0.00204	0.04113	3.55610E-07	2.0381E-03
610623.43	4205735.03	11459.91061	0.00201	0.04028	3.48261E-07	2.0127E-03
610630.43	4205735.03	11301.8047	0.00198	0.03944	3.40998E-07	1.9849E-03
610651.43	4205735.03	10757.05417	0.00189	0.03701	3.19988E-07	1.8892E-03
610658.43	4205735.03	10551.62975	0.00185	0.03623	3.13244E-07	1.8532E-03
610665.43	4205735.03	10334.95346	0.00181	0.03545	3.06501E-07	1.8151E-03
610672.43	4205735.03	10106.92522	0.00177	0.03469	2.99930E-07	1.7751E-03
610679.43	4205735.03	9868.60195	0.00173	0.03394	2.93445E-07	1.7332E-03
610686.43	4205735.03	9620.999	0.00169	0.03321	2.87133E-07	1.6897E-03
610693.43	4205735.03	9364.17888	0.00164	0.03248	2.80822E-07	1.6446E-03
610700.43	4205735.03	9099.86063	0.00160	0.03177	2.74683E-07	1.5982E-03
610707.43	4205735.03	8828.22838	0.00155	0.03107	2.68631E-07	1.5505E-03
610728.43	4205735.03	7973.19267	0.00140	0.02905	2.51166E-07	1.4003E-03
610735.43	4205735.03	7680.21991	0.00135	0.02840	2.45546E-07	1.3489E-03
610742.43	4205735.03	7385.68824	0.00130	0.02778	2.40186E-07	1.2972E-03
610749.43	4205735.03	7090.66282	0.00125	0.02716	2.34825E-07	1.2453E-03
610756.43	4205735.03	6796.2941	0.00119	0.02657	2.29724E-07	1.1936E-03
610763.43	4205735.03	6503.75379	0.00114	0.02599	2.24709E-07	1.1423E-03
610770.43	4205735.03	6214.19222	0.00109	0.02543	2.19868E-07	1.0914E-03
610777.43	4205735.03	5928.72501	0.00104	0.02488	2.15112E-07	1.0413E-03
610784.43	4205735.03	5648.35294	0.00099	0.02435	2.10530E-07	9.9205E-04
610791.43	4205735.03	5374.07425	0.00094	0.02384	2.06121E-07	9.4388E-04
610798.43	4205735.03	5106.08369	0.00090	0.02334	2.01798E-07	8.9682E-04
610805.43	4205735.03	4846.4335	0.00085	0.02286	1.97647E-07	8.5122E-04
610812.43	4205735.03	4595.1165	0.00081	0.02240	1.93670E-07	8.0709E-04
610819.43	4205735.03	4352.96271	0.00076	0.02195	1.89780E-07	7.6456E-04
610826.43	4205735.03	4119.77272	0.00072	0.02151	1.85975E-07	7.2361E-04
610833.43	4205735.03	3897.05369	0.00068	0.02109	1.82344E-07	6.8450E-04
610840.43	4205735.03	3684.56358	0.00065	0.02069	1.78886E-07	6.4718E-04
610847.43	4205735.03	3482.41072	0.00061	0.02030	1.75514E-07	6.1168E-04
610854.43	4205735.03	3290.72017	0.00058	0.01992	1.72228E-07	5.7802E-04
610861.43	4205735.03	3112.03246	0.00055	0.01956	1.69116E-07	5.4664E-04
610868.43	4205735.03	2945.68497	0.00052	0.01921	1.66090E-07	5.1742E-04
610875.43	4205735.03	2789.40012	0.00049	0.01887	1.63150E-07	4.8998E-04
610882.43	4205735.03	2643.3496	0.00046	0.01855	1.60383E-07	4.6433E-04
610889.43	4205735.03	2506.1352	0.00044	0.01824	1.57703E-07	4.4023E-04
610910.43	4205735.03	2148.09998	0.00038	0.01736	1.50094E-07	3.7735E-04
610917.43	4205735.03	2044.5353	0.00036	0.01709	1.47760E-07	3.5916E-04
610924.43	4205735.03	1948.74939	0.00034	0.01682	1.45426E-07	3.4234E-04
610931.43	4205735.03	1855.46172	0.00033	0.01657	1.43264E-07	3.2596E-04
610938.43	4205735.03	1768.33358	0.00031	0.01632	1.41103E-07	3.1066E-04
610945.43	4205735.03	1687.50548	0.00030	0.01607	1.38941E-07	2.9646E-04
610952.43	4205735.03	1612.52054	0.00028	0.01584	1.36953E-07	2.8329E-04
610959.43	4205735.03	1543.02692	0.00027	0.01561	1.34964E-07	2.7109E-04
610966.43	4205735.03	1478.59133	0.00026	0.01539	1.33062E-07	2.5977E-04
610973.43	4205735.03	1418.82197	0.00025	0.01518	1.31246E-07	2.4927E-04
610980.43	4205735.03	1363.39568	0.00024	0.01497	1.29431E-07	2.3954E-04
610987.43	4205735.03	1311.97342	0.00023	0.01477	1.27701E-07	2.3051E-04
610994.43	4205735.03	1264.20753	0.00022	0.01457	1.25972E-07	2.2212E-04
611001.43	4205735.03	1219.87372	0.00021	0.01438	1.24329E-07	2.1433E-04
611008.43	4205735.03	1178.61664	0.00021	0.01420	1.22773E-07	2.0709E-04
611015.43	4205735.03	1140.23114	0.00020	0.01402	1.21217E-07	2.0034E-04
611022.43	4205735.03	1104.4301	0.00019	0.01384	1.19661E-07	1.9406E-04
611029.43	4205735.03	1071.05481	0.00019	0.01367	1.18191E-07	1.8819E-04
611050.43	4205735.03	983.31027	0.00017	0.01318	1.13954E-07	1.7278E-04
611057.43	4205735.03	957.63193	0.00017	0.01303	1.12657E-07	1.6827E-04
611064.43	4205735.03	933.48699	0.00016	0.01288	1.11360E-07	1.6403E-04
611071.43	4205735.03	910.76133	0.00016	0.01273	1.10064E-07	1.6004E-04
611078.43	4205735.03	889.28361	0.00016	0.01258	1.08767E-07	1.5626E-04
611085.43	4205735.03	869.0125	0.00015	0.01244	1.07556E-07	1.5270E-04
611092.43	4205735.03	849.79476	0.00015	0.01230	1.06346E-07	1.4933E-04
610294.43	4205742.03	7466.04362	0.00131	0.08331	7.20298E-07	1.3117E-03
610301.43	4205742.03	7637.14125	0.00134	0.08252	7.13468E-07	1.3418E-03
610308.43	4205742.03	7810.98753	0.00137	0.08172	7.06551E-07	1.3723E-03
610315.43	4205742.03	7986.8919	0.00140	0.08093	6.99720E-07	1.4032E-03
610322.43	4205742.03	8165.16935	0.00143	0.08010	6.92544E-07	1.4345E-03
610329.43	4205742.03	8345.151	0.00147	0.07927	6.85368E-07	1.4661E-03
610336.43	4205742.03	8527.16861	0.00150	0.07846	6.78365E-07	1.4980E-03
610343.43	4205742.03	8710.41683	0.00153	0.07762	6.71102E-07	1.5302E-03
610350.43	4205742.03	8894.87122	0.00156	0.07677	6.63753E-07	1.5626E-03
610357.43	4205742.03	9080.60997	0.00159	0.07592	6.56404E-07	1.5952E-03
610364.43	4205742.03	9266.66181	0.00163	0.07524	6.50525E-07	1.6279E-03
610371.43	4205742.03	9470.35762	0.00166	0.07440	6.43262E-07	1.6636E-03
610378.43	4205742.03	9657.17244	0.00170	0.07353	6.35740E-07	1.6964E-03
610385.43	4205742.03	9843.93158	0.00173	0.07267	6.28304E-07	1.7292E-03
610392.43	4205742.03	10029.54696	0.00176	0.07178	6.20610E-07	1.7618E-03
610399.43	4205742.03	10214.21048	0.00179	0.07089	6.12915E-07	1.7942E-03
610406.43	4205742.03	10396.72977	0.00183	0.07000	6.05220E-07	1.8262E-03
610413.43	4205742.03	10577.32959	0.00186	0.06906	5.97092E-07	1.8580E-03
610420.43	4205742.03	10754.72165	0.00189	0.06812	5.88965E-07	1.8891E-03
610427.43	4205742.03	10929.00208	0.00192	0.06717	5.80751E-07	1.9197E-03
610434.43	4205742.03	11098.96947	0.00195	0.06622	5.72538E-07	1.9495E-03
610441.43	4205742.03	11264.1399	0.00198	0.06527	5.64324E-07	1.9785E-03
610448.43	4205742.03	11424.49271	0.00201	0.06432	5.56110E-07	2.0067E-03
610455.43	4205742.03	11578.43636	0.00203	0.06336	5.47810E-07	2.0337E-03
610462.43	4205742.03	11726.07615	0.00206	0.06241	5.39597E-07	2.0596E-03
610469.43	4205742.03	11866.0763	0.00208	0.06145	5.31296E-07	2.0842E-03
610476.43	4205742.03	11998.31255	0.00211	0.06050	5.23083E-07	2.1074E-03

610483.43	4205742.03	12121.47218	0.00213	0.05955	5.14869E-07	2.1290E-03
610490.43	4205742.03	12235.73274	0.00215	0.05860	5.06655E-07	2.1491E-03
610504.43	4205742.03	12431.63644	0.00218	0.05670	4.90228E-07	2.1835E-03
610511.43	4205742.03	12513.38232	0.00220	0.05576	4.82101E-07	2.1978E-03
610518.43	4205742.03	12582.74063	0.00221	0.05481	4.73887E-07	2.2100E-03
610525.43	4205742.03	12639.81854	0.00222	0.05387	4.65760E-07	2.2200E-03
610532.43	4205742.03	12683.80764	0.00223	0.05293	4.57633E-07	2.2277E-03
610539.43	4205742.03	12714.83751	0.00223	0.05199	4.49505E-07	2.2331E-03
610546.43	4205742.03	12731.74261	0.00224	0.05105	4.41378E-07	2.2361E-03
610553.43	4205742.03	12734.4157	0.00224	0.05012	4.33337E-07	2.2366E-03
610560.43	4205742.03	12723.17056	0.00223	0.04919	4.25296E-07	2.2346E-03
610567.43	4205742.03	12695.59887	0.00223	0.04826	4.17256E-07	2.2297E-03
610574.43	4205742.03	12651.95042	0.00222	0.04733	4.09215E-07	2.2221E-03
610581.43	4205742.03	12592.90499	0.00221	0.04641	4.01261E-07	2.2117E-03
610588.43	4205742.03	12518.68599	0.00220	0.04549	3.93306E-07	2.1986E-03
610595.43	4205742.03	12429.20303	0.00218	0.04458	3.85438E-07	2.1829E-03
610602.43	4205742.03	12324.70411	0.00216	0.04368	3.77657E-07	2.1646E-03
610609.43	4205742.03	12205.17388	0.00214	0.04279	3.69962E-07	2.1436E-03
610616.43	4205742.03	12070.65051	0.00212	0.04191	3.62354E-07	2.1199E-03
610623.43	4205742.03	11921.32169	0.00209	0.04104	3.54832E-07	2.0937E-03
610630.43	4205742.03	11757.44435	0.00206	0.04018	3.47396E-07	2.0649E-03
610651.43	4205742.03	11187.73402	0.00196	0.03768	3.25781E-07	1.9649E-03
610658.43	4205742.03	10972.40251	0.00193	0.03688	3.18864E-07	1.9270E-03
610665.43	4205742.03	10744.1686	0.00189	0.03608	3.11948E-07	1.8870E-03
610672.43	4205742.03	10504.38129	0.00184	0.03530	3.05204E-07	1.8449E-03
610679.43	4205742.03	10253.14338	0.00180	0.03453	2.98546E-07	1.8007E-03
610686.43	4205742.03	9991.93781	0.00175	0.03377	2.91975E-07	1.7549E-03
610693.43	4205742.03	9720.90031	0.00171	0.03303	2.85577E-07	1.7073E-03
610700.43	4205742.03	9441.84853	0.00166	0.03229	2.79179E-07	1.6582E-03
610707.43	4205742.03	9155.06943	0.00161	0.03158	2.73041E-07	1.6079E-03
610728.43	4205742.03	8252.90532	0.00145	0.02951	2.55143E-07	1.4494E-03
610735.43	4205742.03	7944.3359	0.00140	0.02885	2.49437E-07	1.3953E-03
610742.43	4205742.03	7634.29275	0.00134	0.02820	2.43817E-07	1.3408E-03
610749.43	4205742.03	7323.48965	0.00129	0.02758	2.38457E-07	1.2862E-03
610756.43	4205742.03	7014.13432	0.00123	0.02697	2.33182E-07	1.2319E-03
610763.43	4205742.03	6707.02444	0.00118	0.02638	2.28081E-07	1.1780E-03
610770.43	4205742.03	6403.36974	0.00112	0.02580	2.23067E-07	1.1246E-03
610777.43	4205742.03	6103.13402	0.00107	0.02525	2.18311E-07	1.0720E-03
610784.43	4205742.03	5810.42832	0.00102	0.02471	2.13643E-07	1.0205E-03
610791.43	4205742.03	5523.24807	0.00097	0.02418	2.09060E-07	9.7008E-04
610798.43	4205742.03	5242.9819	0.00092	0.02367	2.04651E-07	9.2086E-04
610805.43	4205742.03	4971.82913	0.00087	0.02318	2.00414E-07	8.7324E-04
610812.43	4205742.03	4709.76562	0.00083	0.02271	1.96351E-07	8.2722E-04
610819.43	4205742.03	4457.57601	0.00078	0.02225	1.92373E-07	7.8293E-04
610826.43	4205742.03	4215.67039	0.00074	0.02181	1.88569E-07	7.4045E-04
610833.43	4205742.03	3983.83231	0.00070	0.02138	1.84851E-07	6.9974E-04
610840.43	4205742.03	3763.5751	0.00066	0.02097	1.81307E-07	6.6106E-04
610847.43	4205742.03	3554.3776	0.00062	0.02057	1.77848E-07	6.2432E-04
610854.43	4205742.03	3356.28266	0.00059	0.02018	1.74476E-07	5.8953E-04
610861.43	4205742.03	3172.13885	0.00056	0.01982	1.71364E-07	5.5719E-04
610868.43	4205742.03	3000.54559	0.00053	0.01946	1.68251E-07	5.2706E-04
610875.43	4205742.03	2840.05096	0.00050	0.01912	1.65311E-07	4.9887E-04
610882.43	4205742.03	2689.24359	0.00047	0.01879	1.62458E-07	4.7239E-04
610889.43	4205742.03	2548.83899	0.00045	0.01847	1.59692E-07	4.4773E-04
610910.43	4205742.03	2181.94916	0.00038	0.01758	1.51997E-07	3.8330E-04
610917.43	4205742.03	2076.59969	0.00036	0.01730	1.49576E-07	3.6480E-04
610924.43	4205742.03	1975.11899	0.00035	0.01703	1.47241E-07	3.4697E-04
610931.43	4205742.03	1879.93899	0.00033	0.01677	1.44993E-07	3.3026E-04
610938.43	4205742.03	1791.67653	0.00031	0.01652	1.42832E-07	3.1476E-04
610945.43	4205742.03	1709.86332	0.00030	0.01627	1.40670E-07	3.0039E-04
610952.43	4205742.03	1634.09028	0.00029	0.01603	1.38595E-07	2.8708E-04
610959.43	4205742.03	1563.84886	0.00027	0.01580	1.36607E-07	2.7474E-04
610966.43	4205742.03	1498.82654	0.00026	0.01558	1.34705E-07	2.6333E-04
610973.43	4205742.03	1438.5849	0.00025	0.01536	1.32802E-07	2.5275E-04
610980.43	4205742.03	1382.73577	0.00024	0.01515	1.30987E-07	2.4294E-04
610987.43	4205742.03	1330.95835	0.00023	0.01495	1.29258E-07	2.3384E-04
610994.43	4205742.03	1282.88376	0.00023	0.01475	1.27528E-07	2.2540E-04
611001.43	4205742.03	1238.24317	0.00022	0.01455	1.25799E-07	2.1756E-04
611008.43	4205742.03	1196.76233	0.00021	0.01437	1.24243E-07	2.1027E-04
611015.43	4205742.03	1158.12317	0.00020	0.01418	1.22600E-07	2.0349E-04
611022.43	4205742.03	1122.15579	0.00020	0.01401	1.21130E-07	1.9717E-04
611029.43	4205742.03	1088.53009	0.00019	0.01383	1.19574E-07	1.9126E-04
611050.43	4205742.03	1000.21986	0.00018	0.01334	1.15338E-07	1.7575E-04
611057.43	4205742.03	974.35892	0.00017	0.01318	1.13954E-07	1.7121E-04
611064.43	4205742.03	950.02339	0.00017	0.01302	1.12571E-07	1.6693E-04
611071.43	4205742.03	927.07739	0.00016	0.01287	1.11274E-07	1.6290E-04
611078.43	4205742.03	905.44315	0.00016	0.01273	1.10064E-07	1.5910E-04
611085.43	4205742.03	884.95891	0.00016	0.01258	1.08767E-07	1.5551E-04
611092.43	4205742.03	865.53515	0.00015	0.01244	1.07556E-07	1.5209E-04
610294.43	4205749.03	7557.70272	0.00133	0.08520	7.36639E-07	1.3279E-03
610301.43	4205749.03	7735.59301	0.00136	0.08440	7.29722E-07	1.3591E-03
610308.43	4205749.03	7915.9586	0.00139	0.08359	7.22719E-07	1.3907E-03
610315.43	4205749.03	8099.31254	0.00142	0.08277	7.15629E-07	1.4229E-03
610322.43	4205749.03	8284.90224	0.00145	0.08194	7.08453E-07	1.4555E-03
610329.43	4205749.03	8473.06722	0.00149	0.08112	7.01363E-07	1.4886E-03
610336.43	4205749.03	8663.06938	0.00152	0.08027	6.94014E-07	1.5219E-03
610343.43	4205749.03	8855.24552	0.00155	0.07941	6.86578E-07	1.5556E-03
610350.43	4205749.03	9048.77684	0.00159	0.07854	6.79056E-07	1.5896E-03
610357.43	4205749.03	9243.96176	0.00162	0.07787	6.73264E-07	1.6239E-03
610364.43	4205749.03	9456.64351	0.00166	0.07699	6.65655E-07	1.6612E-03
610371.43	4205749.03	9653.91518	0.00170	0.07613	6.58220E-07	1.6959E-03
610378.43	4205749.03	9851.24054	0.00173	0.07524	6.50525E-07	1.7305E-03
610385.43	4205749.03	10048.57796	0.00176	0.07434	6.42743E-07	1.7652E-03
610392.43	4205749.03	10245.77807	0.00180	0.07345	6.35048E-07	1.7998E-03
610399.43	4205749.03	10441.62864	0.00183	0.07253	6.27094E-07	1.8342E-03
610406.43	4205749.03	10636.47938	0.00187	0.07159	6.18967E-07	1.8684E-03
610413.43	4205749.03	10828.90718	0.00190	0.07062	6.10580E-07	1.9021E-03
610420.43	4205749.03	11019.16375	0.00193	0.06966	6.02280E-07	1.9355E-03
610427.43	4205749.03	11205.83665	0.00197	0.06869	5.93893E-07	1.9683E-03
610434.43	4205749.03	11389.04724	0.00200	0.06772	5.85507E-07	2.0005E-03
610441.43	4205749.03	11567.48175	0.00203	0.06674	5.77034E-07	2.0318E-03
610448.43	4205749.03	11741.00295	0.00206	0.06576	5.68561E-07	2.0623E-03
610455.43	4205749.03	11908.26278	0.00209	0.06478	5.60088E-07	2.0916E-03
610462.43	4205749.03	12069.30364	0.00212	0.06380	5.51614E-07	2.1199E-03
610469.43	4205749.03	12222.54871	0.00215	0.06282	5.43141E-07	2.1468E-03
610476.43	4205749.03	12367.64499	0.00217	0.06184	5.34668E-07	2.1723E-03
610483.43	4205749.03	12504.2646	0.00220	0.06087	5.26282E-07	2.1962E-03
610490.43	4205749.03	12630.69745	0.00222	0.05989	5.17809E-07	2.2184E-03
610504.43	4205749.03	12851.12402	0.00226	0.05794	5.00949E-07	2.2571E-03
610511.43	4205749.03	12943.52961	0.00227	0.05696	4.92476E-07	2.2733E-03
610518.43	4205749.03	13023.94696	0.00229	0.05600	4.84176E-07	2.2875E-03
610525.43	4205749.03	13090.71365	0.00230	0.05502	4.75703E-07	2.2992E-03
610532.43	4205749.03	13144.31043	0.00231	0.05404	4.67230E-07	2.3086E-03
610539.43	4205749.03	13183.2943	0.00231	0.05307	4.58843E-07	2.3154E-03
610546.43	4205749.03	13207.93325	0.00232	0.05211	4.50543E-07	2.3197E-03
610553.43	4205749.03	13217.60718	0.00232	0.05115	4.42243E-07	2.3214E-03
610560.43	4205749.03	13211.30885	0.00232	0.05019	4.33942E-07	2.3203E-03
610567.43	4205749.03	13188.88194	0.00232	0.04924	4.25729E-07	2.3164E-03
610574.43	4205749.03	13148.87822	0.00231	0.04828	4.17429E-07	2.3093E-03
610581.43	4205749.03	13092.16625	0.00230	0.04733	4.09215E-07	2.2994E-03
610588.43	4205749.03	13019.54446	0.00229	0.04639	4.01088E-07	2.2866E-03
610595.43	4205749.03	12930.4207	0.00227	0.04546	3.93047E-07	2.2709E-03
610602.43	4205749.03	12825.01523	0.00225	0.04454	3.85093E-07	2.2524E-03
610609.43	4205749.03	12703.32947	0.00223	0.04362	3.77138E-07	2.2311E-03
610616.43	4205749.03	12564.9096	0.00221	0.04272	3.69357E-07	2.2067E-03
610623.43	4205749.03	12410.86593	0.00218	0.04182	3.61576E-07	2.1797E-03
610630.43	4205749.03	12240.98265	0.00215	0.04094	3.53967E-07	2.1498E-03
610651.43	4205749.03	11645.51003	0.00204	0.03837	3.31747E-07	2.0453E-03
610658.43	4205749.03	11418.79707	0.00201	0.03754	3.24571E-07	2.0054E-03
610665.43	4205749.03	11178.92321	0.00196	0.03673	3.17567E-07	1.9633E-03
610672.43	4205749.03	10925.77203	0.00192	0.03592	3.10564E-07	1.9189E-03
610679.43	4205749.03	10661.09404	0.00187	0.03513	3.03734E-07	1.8724E-03
610686.43	4205749.03	10384.85297	0.00182	0.03435	2.96990E-07	1.8239E-03
610693.43	4205749.03	10098.94115	0.00177	0.03359	2.90419E-07	1.7736E-03
610700.43	4205749.03	9803.63298	0.00172	0.03284	2.83934E-07	1.7218E-03
610707.43	4205749.03	9501.02657	0.00167	0.03210	2.77536E-07	1.6686E-03
610728.43	4205749.03	8548.2118	0.00150	0.02998	2.59207E-07	1.5013E-03
610735.43	4205749.03	8222.91246	0.00144	0.02930	2.53328E-07	1.4442E-03
610742.43	4205749.03	7895.73911	0.00139	0.02864	2.47621E-07	1.3867E-03
610749.43	4205749.03	7569.12134	0.00133	0.02800	2.42088E-07	1.3294E-03
610756.43	4205749.03	7243.2322	0.00127	0.02738	2.36727E-07	1.2721E-03
610763.43	4205749.03	6920.59834	0.00122	0.02678	2.31540E-07	1.2155E-03
610770.43	4205749.03	6601.34272	0.00116	0.02619	2.26439E-07	1.1594E-03
610777.43	4205749.03	6287.91622	0.00110	0.02562	2.21510E-07	1.1044E-03
610784.43	4205749.03	5980.24386	0.00105	0.02507	2.16755E-07	1.0503E-03
610791.43	4205749.03	5679.36354	0.00100	0.02453	2.12086E-07	9.9750E-04
610798.43	4205749.03	5386.7491	0.00095	0.02401	2.07590E-07	9.4611E-04
610805.43	4205749.03	5102.75795	0.00090	0.02351	2.03267E-07	8.9624E-04
610812.43	4205749.03	4829.36036	0.00085	0.02303	1.99117E-07	8.4822E-04

610819.43	4205749.03	4566.6257	0.00080	0.02256	1.95054E-07	8.0208E-04
610826.43	4205749.03	4314.98042	0.00076	0.02211	1.91163E-07	7.5789E-04
610833.43	4205749.03	4074.82004	0.00072	0.02167	1.87359E-07	7.1572E-04
610840.43	4205749.03	3845.77945	0.00068	0.02125	1.83727E-07	6.7549E-04
610847.43	4205749.03	3629.21913	0.00064	0.02085	1.80269E-07	6.3746E-04
610854.43	4205749.03	3424.50137	0.00060	0.02046	1.76897E-07	6.0151E-04
610861.43	4205749.03	3234.042	0.00057	0.02008	1.73612E-07	5.6806E-04
610868.43	4205749.03	3057.55139	0.00054	0.01972	1.70499E-07	5.3707E-04
610875.43	4205749.03	2892.16675	0.00051	0.01937	1.67473E-07	5.0803E-04
610882.43	4205749.03	2737.5133	0.00048	0.01903	1.64533E-07	4.8087E-04
610889.43	4205749.03	2593.26632	0.00046	0.01871	1.61767E-07	4.5553E-04
610910.43	4205749.03	2217.77689	0.00039	0.01780	1.53899E-07	3.8959E-04
610917.43	4205749.03	2106.04402	0.00037	0.01752	1.51478E-07	3.6997E-04
610924.43	4205749.03	2001.87527	0.00035	0.01724	1.49057E-07	3.5167E-04
610931.43	4205749.03	1905.34332	0.00033	0.01698	1.46809E-07	3.3472E-04
610938.43	4205749.03	1815.9235	0.00032	0.01672	1.44561E-07	3.1902E-04
610945.43	4205749.03	1733.15905	0.00030	0.01647	1.42400E-07	3.0448E-04
610952.43	4205749.03	1656.56898	0.00029	0.01623	1.40325E-07	2.9103E-04
610959.43	4205749.03	1585.67916	0.00028	0.01600	1.38336E-07	2.7858E-04
610966.43	4205749.03	1520.08199	0.00027	0.01577	1.36347E-07	2.6706E-04
610973.43	4205749.03	1459.3306	0.00026	0.01555	1.34445E-07	2.5639E-04
610980.43	4205749.03	1403.05797	0.00025	0.01533	1.32543E-07	2.4651E-04
610987.43	4205749.03	1350.89356	0.00024	0.01513	1.30814E-07	2.3734E-04
610994.43	4205749.03	1302.52668	0.00023	0.01493	1.29085E-07	2.2885E-04
611001.43	4205749.03	1257.60116	0.00022	0.01473	1.27356E-07	2.2096E-04
611008.43	4205749.03	1215.83713	0.00021	0.01454	1.25713E-07	2.1362E-04
611015.43	4205749.03	1176.97661	0.00021	0.01435	1.24070E-07	2.0680E-04
611022.43	4205749.03	1140.73914	0.00020	0.01417	1.22514E-07	2.0043E-04
611029.43	4205749.03	1106.95997	0.00019	0.01400	1.21044E-07	1.9450E-04
611050.43	4205749.03	1018.00326	0.00018	0.01349	1.16634E-07	1.7888E-04
611057.43	4205749.03	991.91589	0.00017	0.01333	1.15251E-07	1.7429E-04
611064.43	4205749.03	967.38076	0.00017	0.01318	1.13954E-07	1.6998E-04
611071.43	4205749.03	944.23091	0.00017	0.01302	1.12571E-07	1.6592E-04
611078.43	4205749.03	922.37079	0.00016	0.01287	1.11274E-07	1.6208E-04
611085.43	4205749.03	901.6589	0.00016	0.01273	1.10064E-07	1.5844E-04
611092.43	4205749.03	882.04418	0.00015	0.01258	1.08767E-07	1.5499E-04
610294.43	4205756.03	7648.10124	0.00134	0.08716	7.53585E-07	1.3437E-03
610301.43	4205756.03	7832.5305	0.00138	0.08635	7.46582E-07	1.3761E-03
610308.43	4205756.03	8019.86466	0.00141	0.08552	7.39406E-07	1.4090E-03
610315.43	4205756.03	8210.55046	0.00144	0.08469	7.32229E-07	1.4425E-03
610322.43	4205756.03	8403.8004	0.00148	0.08386	7.25053E-07	1.4764E-03
610329.43	4205756.03	8599.78479	0.00151	0.08298	7.17445E-07	1.5108E-03
610336.43	4205756.03	8798.5853	0.00155	0.08212	7.10009E-07	1.5457E-03
610343.43	4205756.03	8999.39456	0.00158	0.08126	7.02574E-07	1.5810E-03
610350.43	4205756.03	9202.53998	0.00162	0.08058	6.96694E-07	1.6166E-03
610357.43	4205756.03	9424.04143	0.00165	0.07970	6.89086E-07	1.6555E-03
610364.43	4205756.03	9630.693	0.00169	0.07881	6.81391E-07	1.6918E-03
610371.43	4205756.03	9838.16377	0.00173	0.07792	6.73696E-07	1.7282E-03
610378.43	4205756.03	10046.77925	0.00176	0.07701	6.65828E-07	1.7649E-03
610385.43	4205756.03	10255.47322	0.00180	0.07608	6.57787E-07	1.8015E-03
610392.43	4205756.03	10464.41156	0.00184	0.07517	6.49919E-07	1.8382E-03
610399.43	4205756.03	10672.51123	0.00187	0.07421	6.41619E-07	1.8747E-03
610406.43	4205756.03	10879.82518	0.00191	0.07323	6.33146E-07	1.9111E-03
610413.43	4205756.03	11085.21026	0.00195	0.07224	6.24587E-07	1.9472E-03
610420.43	4205756.03	11288.30099	0.00198	0.07125	6.16027E-07	1.9828E-03
610427.43	4205756.03	11488.90093	0.00202	0.07026	6.07468E-07	2.0180E-03
610434.43	4205756.03	11685.54869	0.00205	0.06926	5.98822E-07	2.0526E-03
610441.43	4205756.03	11878.32373	0.00209	0.06826	5.90176E-07	2.0864E-03
610448.43	4205756.03	12065.68469	0.00212	0.06725	5.81443E-07	2.1193E-03
610455.43	4205756.03	12247.70434	0.00215	0.06625	5.72797E-07	2.1512E-03
610462.43	4205756.03	12422.70297	0.00218	0.06525	5.64151E-07	2.1820E-03
610469.43	4205756.03	12590.73162	0.00221	0.06424	5.55419E-07	2.2115E-03
610476.43	4205756.03	12750.14373	0.00224	0.06324	5.46773E-07	2.2394E-03
610483.43	4205756.03	12900.8424	0.00227	0.06224	5.38127E-07	2.2659E-03
610490.43	4205756.03	13041.3338	0.00229	0.06123	5.29394E-07	2.2906E-03
610504.43	4205756.03	13287.72758	0.00233	0.05922	5.12016E-07	2.3338E-03
610511.43	4205756.03	13392.8746	0.00235	0.05822	5.03370E-07	2.3523E-03
610518.43	4205756.03	13484.89895	0.00237	0.05721	4.94637E-07	2.3684E-03
610525.43	4205756.03	13562.79401	0.00238	0.05620	4.85905E-07	2.3821E-03
610532.43	4205756.03	13626.6958	0.00239	0.05520	4.77259E-07	2.3933E-03
610539.43	4205756.03	13675.41451	0.00240	0.05420	4.68613E-07	2.4018E-03
610546.43	4205756.03	13708.6982	0.00241	0.05320	4.59967E-07	2.4077E-03
610553.43	4205756.03	13725.69564	0.00241	0.05221	4.51407E-07	2.4107E-03
610560.43	4205756.03	13726.23692	0.00241	0.05123	4.42934E-07	2.4107E-03
610567.43	4205756.03	13709.11307	0.00241	0.05025	4.34461E-07	2.4077E-03
610574.43	4205756.03	13673.23905	0.00240	0.04926	4.25902E-07	2.4015E-03
610581.43	4205756.03	13620.54828	0.00239	0.04829	4.17515E-07	2.3922E-03
610588.43	4205756.03	13550.11967	0.00238	0.04732	4.09128E-07	2.3798E-03
610595.43	4205756.03	13461.45631	0.00236	0.04637	4.00915E-07	2.3642E-03
610602.43	4205756.03	13355.49063	0.00235	0.04542	3.92701E-07	2.3456E-03
610609.43	4205756.03	13231.34908	0.00232	0.04448	3.84574E-07	2.3238E-03
610616.43	4205756.03	13090.04446	0.00230	0.04355	3.76533E-07	2.2990E-03
610623.43	4205756.03	12930.81465	0.00227	0.04263	3.68579E-07	2.2710E-03
610630.43	4205756.03	12754.73864	0.00224	0.04172	3.60711E-07	2.2401E-03
610651.43	4205756.03	12132.06786	0.00213	0.03908	3.37885E-07	2.1307E-03
610658.43	4205756.03	11893.68799	0.00209	0.03823	3.30536E-07	2.0888E-03
610665.43	4205756.03	11640.97521	0.00204	0.03739	3.23274E-07	2.0445E-03
610672.43	4205756.03	11373.90273	0.00200	0.03656	3.16098E-07	1.9975E-03
610679.43	4205756.03	11094.37082	0.00195	0.03575	3.09094E-07	1.9485E-03
610686.43	4205756.03	10802.42391	0.00190	0.03495	3.02178E-07	1.8972E-03
610693.43	4205756.03	10499.63434	0.00184	0.03416	2.95347E-07	1.8440E-03
610700.43	4205756.03	10187.75365	0.00179	0.03339	2.88690E-07	1.7892E-03
610707.43	4205756.03	9867.07366	0.00173	0.03264	2.82205E-07	1.7329E-03
610728.43	4205756.03	8860.8323	0.00156	0.03046	2.63357E-07	1.5562E-03
610735.43	4205756.03	8517.09002	0.00150	0.02977	2.57391E-07	1.4958E-03
610742.43	4205756.03	8172.1183	0.00144	0.02909	2.51512E-07	1.4353E-03
610749.43	4205756.03	7828.04425	0.00137	0.02844	2.45892E-07	1.3748E-03
610756.43	4205756.03	7485.03676	0.00131	0.02780	2.40359E-07	1.3146E-03
610763.43	4205756.03	7145.22324	0.00125	0.02718	2.34998E-07	1.2549E-03
610770.43	4205756.03	6809.97535	0.00120	0.02658	2.29811E-07	1.1960E-03
610777.43	4205756.03	6480.61402	0.00114	0.02600	2.24796E-07	1.1382E-03
610784.43	4205756.03	6158.37953	0.00108	0.02544	2.19954E-07	1.0816E-03
610791.43	4205756.03	5842.92142	0.00103	0.02489	2.15199E-07	1.0262E-03
610798.43	4205756.03	5536.60515	0.00097	0.02436	2.10616E-07	9.7243E-04
610805.43	4205756.03	5240.38407	0.00092	0.02385	2.06207E-07	9.2041E-04
610812.43	4205756.03	4954.26016	0.00087	0.02336	2.01970E-07	8.7016E-04
610819.43	4205756.03	4680.4369	0.00082	0.02288	1.97820E-07	8.2207E-04
610826.43	4205756.03	4418.56933	0.00078	0.02242	1.93843E-07	7.7608E-04
610833.43	4205756.03	4169.04285	0.00073	0.02197	1.89953E-07	7.3226E-04
610840.43	4205756.03	3931.4223	0.00069	0.02154	1.86235E-07	6.9054E-04
610847.43	4205756.03	3707.14117	0.00065	0.02113	1.82690E-07	6.5115E-04
610854.43	4205756.03	3495.51046	0.00061	0.02073	1.79231E-07	6.1398E-04
610861.43	4205756.03	3299.09954	0.00058	0.02035	1.75946E-07	5.7949E-04
610868.43	4205756.03	3116.86696	0.00055	0.01998	1.72747E-07	5.4749E-04
610875.43	4205756.03	2947.09293	0.00052	0.01963	1.69721E-07	5.1767E-04
610882.43	4205756.03	2787.89685	0.00049	0.01929	1.66781E-07	4.8972E-04
610889.43	4205756.03	2639.59613	0.00046	0.01895	1.63842E-07	4.6367E-04
610910.43	4205756.03	2249.65903	0.00040	0.01803	1.55887E-07	3.9519E-04
610917.43	4205756.03	2135.44578	0.00037	0.01774	1.53380E-07	3.7513E-04
610924.43	4205756.03	2029.67277	0.00036	0.01746	1.50959E-07	3.5656E-04
610931.43	4205756.03	1931.76287	0.00034	0.01719	1.48625E-07	3.3936E-04
610938.43	4205756.03	1841.22039	0.00032	0.01693	1.46377E-07	3.2346E-04
610945.43	4205756.03	1757.50923	0.00031	0.01668	1.44215E-07	3.0876E-04
610952.43	4205756.03	1680.07208	0.00030	0.01643	1.42054E-07	2.9516E-04
610959.43	4205756.03	1608.5299	0.00028	0.01619	1.39979E-07	2.8259E-04
610966.43	4205756.03	1542.34531	0.00027	0.01596	1.37990E-07	2.7097E-04
610973.43	4205756.03	1481.12395	0.00026	0.01574	1.36088E-07	2.6022E-04
610980.43	4205756.03	1424.43169	0.00025	0.01552	1.34186E-07	2.5026E-04
610987.43	4205756.03	1371.88728	0.00024	0.01531	1.32370E-07	2.4103E-04
610994.43	4205756.03	1323.18812	0.00023	0.01511	1.30641E-07	2.3248E-04
611001.43	4205756.03	1277.95947	0.00022	0.01491	1.28912E-07	2.2454E-04
611008.43	4205756.03	1235.93755	0.00022	0.01471	1.27183E-07	2.1716E-04
611015.43	4205756.03	1196.83533	0.00021	0.01453	1.25626E-07	2.1029E-04
611022.43	4205756.03	1160.37223	0.00020	0.01434	1.23984E-07	2.0388E-04
611029.43	4205756.03	1126.3197	0.00020	0.01416	1.22427E-07	1.9790E-04
611050.43	4205756.03	1036.70375	0.00018	0.01365	1.18018E-07	1.8216E-04
611057.43	4205756.03	1010.40411	0.00018	0.01349	1.16634E-07	1.7754E-04
611064.43	4205756.03	985.61281	0.00017	0.01333	1.15251E-07	1.7319E-04
611071.43	4205756.03	962.25482	0.00017	0.01317	1.13868E-07	1.6908E-04
611078.43	4205756.03	940.14202	0.00017	0.01302	1.12571E-07	1.6520E-04
611085.43	4205756.03	919.20604	0.00016	0.01287	1.11274E-07	1.6152E-04
611092.43	4205756.03	899.33985	0.00016	0.01272	1.09977E-07	1.5803E-04
610294.43	4205763.03	7736.61434	0.00136	0.08917	7.70963E-07	1.3593E-03
610301.43	4205763.03	7927.47435	0.00139	0.08836	7.63960E-07	1.3928E-03
610308.43	4205763.03	8122.16441	0.00143	0.08752	7.56697E-07	1.4270E-03
610315.43	4205763.03	8319.97353	0.00146	0.08669	7.49521E-07	1.4617E-03
610322.43	4205763.03	8521.40875	0.00150	0.08581	7.41913E-07	1.4971E-03
610329.43	4205763.03	8725.65524	0.00153	0.08494	7.34391E-07	1.5329E-03
610336.43	4205763.03	8933.20498	0.00157	0.08408	7.26955E-07	1.5694E-03

610343.43	4205763.03	9143.11178	0.00161	0.08337	7.20817E-07	1.6062E-03
610350.43	4205763.03	9373.12378	0.00165	0.08250	7.13295E-07	1.6466E-03
610357.43	4205763.03	9587.96283	0.00168	0.08159	7.05427E-07	1.6843E-03
610364.43	4205763.03	9804.67487	0.00172	0.08068	6.97559E-07	1.7224E-03
610371.43	4205763.03	10023.44374	0.00176	0.07977	6.89691E-07	1.7608E-03
610378.43	4205763.03	10243.10092	0.00180	0.07884	6.81650E-07	1.7993E-03
610385.43	4205763.03	10463.98555	0.00184	0.07789	6.73437E-07	1.8381E-03
610392.43	4205763.03	10684.92029	0.00188	0.07693	6.65136E-07	1.8769E-03
610399.43	4205763.03	10906.06617	0.00192	0.07594	6.56577E-07	1.9157E-03
610406.43	4205763.03	11126.29911	0.00195	0.07493	6.47844E-07	1.9544E-03
610413.43	4205763.03	11345.56462	0.00199	0.07392	6.39112E-07	1.9929E-03
610420.43	4205763.03	11562.67443	0.00203	0.07290	6.30293E-07	2.0310E-03
610427.43	4205763.03	11777.61509	0.00207	0.07188	6.21474E-07	2.0687E-03
610434.43	4205763.03	11988.97953	0.00211	0.07086	6.12655E-07	2.1059E-03
610441.43	4205763.03	12196.67849	0.00214	0.06983	6.03750E-07	2.1423E-03
610448.43	4205763.03	12399.26577	0.00218	0.06880	5.94844E-07	2.1779E-03
610455.43	4205763.03	12596.22156	0.00221	0.06777	5.85939E-07	2.2125E-03
610462.43	4205763.03	12787.13588	0.00225	0.06674	5.77034E-07	2.2460E-03
610469.43	4205763.03	12970.31673	0.00228	0.06571	5.68128E-07	2.2781E-03
610476.43	4205763.03	13145.63265	0.00231	0.06468	5.59223E-07	2.3089E-03
610483.43	4205763.03	13311.39997	0.00234	0.06365	5.50318E-07	2.3380E-03
610490.43	4205763.03	13467.51553	0.00236	0.06262	5.41412E-07	2.3654E-03
610504.43	4205763.03	13742.5483	0.00241	0.06054	5.23429E-07	2.4137E-03
610511.43	4205763.03	13861.23204	0.00243	0.05950	5.14437E-07	2.4345E-03
610518.43	4205763.03	13966.36851	0.00245	0.05846	5.05445E-07	2.4530E-03
610525.43	4205763.03	14057.45441	0.00247	0.05743	4.96539E-07	2.4690E-03
610532.43	4205763.03	14132.84894	0.00248	0.05639	4.87548E-07	2.4822E-03
610539.43	4205763.03	14192.35239	0.00249	0.05536	4.78642E-07	2.4926E-03
610546.43	4205763.03	14235.16475	0.00250	0.05433	4.69737E-07	2.5001E-03
610553.43	4205763.03	14260.87872	0.00250	0.05331	4.60918E-07	2.5046E-03
610560.43	4205763.03	14268.89434	0.00251	0.05230	4.52186E-07	2.5060E-03
610567.43	4205763.03	14258.19218	0.00250	0.05129	4.43453E-07	2.5042E-03
610574.43	4205763.03	14228.66028	0.00250	0.05028	4.34721E-07	2.4990E-03
610581.43	4205763.03	14179.75856	0.00249	0.04928	4.26075E-07	2.4904E-03
610588.43	4205763.03	14111.7805	0.00248	0.04829	4.17515E-07	2.4784E-03
610595.43	4205763.03	14024.96058	0.00246	0.04730	4.08956E-07	2.4632E-03
610602.43	4205763.03	13918.38005	0.00244	0.04633	4.00569E-07	2.4444E-03
610609.43	4205763.03	13792.63579	0.00242	0.04536	3.92182E-07	2.4223E-03
610616.43	4205763.03	13647.65931	0.00240	0.04441	3.83969E-07	2.3969E-03
610623.43	4205763.03	13483.60642	0.00237	0.04346	3.75755E-07	2.3681E-03
610630.43	4205763.03	13301.27497	0.00234	0.04253	3.67714E-07	2.3360E-03
610651.43	4205763.03	12649.47279	0.00222	0.03982	3.44284E-07	2.2216E-03
610658.43	4205763.03	12399.08266	0.00218	0.03894	3.36675E-07	2.1776E-03
610665.43	4205763.03	12132.22438	0.00213	0.03808	3.29239E-07	2.1307E-03
610672.43	4205763.03	11850.75041	0.00208	0.03722	3.21804E-07	2.0813E-03
610679.43	4205763.03	11554.76109	0.00203	0.03639	3.14628E-07	2.0293E-03
610686.43	4205763.03	11246.39057	0.00197	0.03556	3.07452E-07	1.9751E-03
610693.43	4205763.03	10925.85141	0.00192	0.03475	3.00448E-07	1.9189E-03
610700.43	4205763.03	10595.58115	0.00186	0.03396	2.93618E-07	1.8609E-03
610707.43	4205763.03	10255.98201	0.00180	0.03319	2.86961E-07	1.8012E-03
610714.43	4205763.03	9907.44115	0.00174	0.03243	2.80390E-07	1.7400E-03
610735.43	4205763.03	8828.07067	0.00155	0.03025	2.61541E-07	1.5505E-03
610742.43	4205763.03	8464.00237	0.00149	0.02956	2.55576E-07	1.4865E-03
610749.43	4205763.03	8100.56182	0.00142	0.02889	2.49783E-07	1.4227E-03
610756.43	4205763.03	7739.26089	0.00136	0.02823	2.44076E-07	1.3592E-03
610763.43	4205763.03	7381.74128	0.00130	0.02760	2.38629E-07	1.2965E-03
610770.43	4205763.03	7029.49792	0.00123	0.02699	2.33355E-07	1.2346E-03
610777.43	4205763.03	6683.86277	0.00117	0.02639	2.28168E-07	1.1739E-03
610784.43	4205763.03	6345.42771	0.00111	0.02582	2.23240E-07	1.1145E-03
610791.43	4205763.03	6014.50836	0.00106	0.02526	2.18398E-07	1.0564E-03
610798.43	4205763.03	5693.63277	0.00100	0.02472	2.13729E-07	1.0000E-03
610805.43	4205763.03	5383.78738	0.00095	0.02419	2.09147E-07	9.4559E-04
610812.43	4205763.03	5084.89677	0.00089	0.02369	2.04824E-07	8.9310E-04
610819.43	4205763.03	4799.34829	0.00084	0.02320	2.00587E-07	8.4296E-04
610826.43	4205763.03	4526.73856	0.00079	0.02273	1.96523E-07	7.9508E-04
610833.43	4205763.03	4267.3819	0.00075	0.02228	1.92633E-07	7.4954E-04
610840.43	4205763.03	4021.56344	0.00071	0.02184	1.88829E-07	7.0637E-04
610847.43	4205763.03	3788.47754	0.00067	0.02142	1.85197E-07	6.6543E-04
610854.43	4205763.03	3569.64928	0.00063	0.02102	1.81739E-07	6.2700E-04
610861.43	4205763.03	3367.06349	0.00059	0.02063	1.78367E-07	5.9143E-04
610868.43	4205763.03	3178.82658	0.00056	0.02025	1.75081E-07	5.5837E-04
610875.43	4205763.03	3003.69518	0.00053	0.01989	1.71969E-07	5.2761E-04
610882.43	4205763.03	2839.80137	0.00050	0.01954	1.68943E-07	4.9883E-04
610889.43	4205763.03	2687.97662	0.00047	0.01920	1.66003E-07	4.7217E-04
610910.43	4205763.03	2282.05943	0.00040	0.01826	1.57876E-07	4.0088E-04
610917.43	4205763.03	2165.93219	0.00038	0.01797	1.55369E-07	3.8049E-04
610924.43	4205763.03	2058.56601	0.00036	0.01768	1.52861E-07	3.6163E-04
610931.43	4205763.03	1959.32446	0.00034	0.01741	1.50527E-07	3.4420E-04
610938.43	4205763.03	1867.62137	0.00033	0.01714	1.48192E-07	3.2810E-04
610945.43	4205763.03	1782.97609	0.00031	0.01689	1.46031E-07	3.1323E-04
610952.43	4205763.03	1704.78438	0.00030	0.01664	1.43869E-07	2.9950E-04
610959.43	4205763.03	1632.53263	0.00029	0.01640	1.41794E-07	2.8681E-04
610966.43	4205763.03	1565.7485	0.00027	0.01616	1.39719E-07	2.7508E-04
610973.43	4205763.03	1504.02399	0.00026	0.01593	1.37731E-07	2.6424E-04
610980.43	4205763.03	1446.9085	0.00025	0.01571	1.35829E-07	2.5421E-04
610987.43	4205763.03	1394.01234	0.00024	0.01550	1.34013E-07	2.4492E-04
610994.43	4205763.03	1344.97429	0.00024	0.01529	1.32197E-07	2.3631E-04
611001.43	4205763.03	1299.45085	0.00023	0.01509	1.30468E-07	2.2831E-04
611008.43	4205763.03	1257.13756	0.00022	0.01489	1.28739E-07	2.2088E-04
611015.43	4205763.03	1217.74257	0.00021	0.01470	1.27096E-07	2.1396E-04
611022.43	4205763.03	1181.03533	0.00021	0.01451	1.25453E-07	2.0751E-04
611029.43	4205763.03	1146.76004	0.00020	0.01433	1.23897E-07	2.0149E-04
611050.43	4205763.03	1056.38681	0.00019	0.01381	1.19401E-07	1.8562E-04
611057.43	4205763.03	1029.83444	0.00018	0.01365	1.18018E-07	1.8095E-04
611064.43	4205763.03	1004.82384	0.00018	0.01349	1.16634E-07	1.7656E-04
611071.43	4205763.03	981.18666	0.00017	0.01333	1.15251E-07	1.7241E-04
611078.43	4205763.03	958.84655	0.00017	0.01317	1.13868E-07	1.6849E-04
611085.43	4205763.03	937.67813	0.00016	0.01302	1.12571E-07	1.6477E-04
611092.43	4205763.03	917.57027	0.00016	0.01287	1.11274E-07	1.6123E-04
610294.43	4205770.03	7823.18359	0.00137	0.09129	7.89293E-07	1.3745E-03
610301.43	4205770.03	8020.7475	0.00141	0.09045	7.82030E-07	1.4092E-03
610308.43	4205770.03	8222.29346	0.00144	0.08959	7.74595E-07	1.4446E-03
610315.43	4205770.03	8427.99289	0.00148	0.08872	7.67073E-07	1.4807E-03
610322.43	4205770.03	8637.11303	0.00152	0.08785	7.59551E-07	1.5174E-03
610329.43	4205770.03	8850.16236	0.00155	0.08698	7.52029E-07	1.5548E-03
610336.43	4205770.03	9066.21908	0.00159	0.08605	7.43988E-07	1.5928E-03
610343.43	4205770.03	9303.67409	0.00163	0.08538	7.38195E-07	1.6344E-03
610350.43	4205770.03	9525.97441	0.00167	0.08446	7.30241E-07	1.6735E-03
610357.43	4205770.03	9751.39626	0.00171	0.08356	7.22459E-07	1.7130E-03
610364.43	4205770.03	9979.00695	0.00175	0.08262	7.14332E-07	1.7530E-03
610371.43	4205770.03	10209.04696	0.00179	0.08169	7.06291E-07	1.7934E-03
610378.43	4205770.03	10440.60601	0.00183	0.08073	6.97991E-07	1.8340E-03
610385.43	4205770.03	10673.7807	0.00187	0.07976	6.89605E-07	1.8750E-03
610392.43	4205770.03	10907.58352	0.00192	0.07874	6.80786E-07	1.9160E-03
610399.43	4205770.03	11141.75001	0.00196	0.07772	6.71967E-07	1.9571E-03
610406.43	4205770.03	11376.12279	0.00200	0.07669	6.63061E-07	1.9983E-03
610413.43	4205770.03	11609.41263	0.00204	0.07565	6.54070E-07	2.0392E-03
610420.43	4205770.03	11841.63753	0.00208	0.07461	6.45078E-07	2.0800E-03
610427.43	4205770.03	12071.4283	0.00212	0.07357	6.36086E-07	2.1204E-03
610434.43	4205770.03	12298.68448	0.00216	0.07252	6.27008E-07	2.1602E-03
610441.43	4205770.03	12522.03086	0.00220	0.07146	6.17843E-07	2.1995E-03
610448.43	4205770.03	12741.18286	0.00224	0.07041	6.08765E-07	2.2379E-03
610455.43	4205770.03	12954.67684	0.00227	0.06935	5.99600E-07	2.2754E-03
610462.43	4205770.03	13162.28373	0.00231	0.06829	5.90435E-07	2.3119E-03
610469.43	4205770.03	13362.18312	0.00235	0.06723	5.81270E-07	2.3470E-03
610476.43	4205770.03	13554.39757	0.00238	0.06617	5.72105E-07	2.3807E-03
610483.43	4205770.03	13736.95631	0.00241	0.06512	5.63027E-07	2.4127E-03
610490.43	4205770.03	13909.21389	0.00244	0.06406	5.53862E-07	2.4430E-03
610504.43	4205770.03	14216.54011	0.00250	0.06192	5.35360E-07	2.4969E-03
610511.43	4205770.03	14350.35599	0.00252	0.06084	5.26022E-07	2.5204E-03
610518.43	4205770.03	14469.97634	0.00254	0.05976	5.16685E-07	2.5414E-03
610525.43	4205770.03	14574.85336	0.00256	0.05869	5.07433E-07	2.5598E-03
610532.43	4205770.03	14663.28837	0.00257	0.05763	4.98269E-07	2.5753E-03
610539.43	4205770.03	14735.26903	0.00259	0.05657	4.89104E-07	2.5880E-03
610546.43	4205770.03	14789.18562	0.00260	0.05551	4.79939E-07	2.5974E-03
610553.43	4205770.03	14824.77673	0.00260	0.05445	4.70774E-07	2.6037E-03
610560.43	4205770.03	14841.77765	0.00261	0.05341	4.61783E-07	2.6066E-03
610567.43	4205770.03	14838.9495	0.00261	0.05237	4.52791E-07	2.6061E-03
610574.43	4205770.03	14815.68014	0.00260	0.05133	4.43799E-07	2.6020E-03
610581.43	4205770.03	14772.02427	0.00259	0.05030	4.34894E-07	2.5944E-03
610588.43	4205770.03	14707.77087	0.00258	0.04928	4.26075E-07	2.5831E-03
610595.43	4205770.03	14622.51675	0.00257	0.04827	4.17342E-07	2.5681E-03
610602.43	4205770.03	14516.44961	0.00255	0.04727	4.08696E-07	2.5495E-03
610609.43	4205770.03	14389.37929	0.00253	0.04628	4.00137E-07	2.5271E-03
610616.43	4205770.03	14241.37661	0.00250	0.04529	3.91577E-07	2.5011E-03
610623.43	4205770.03	14072.65468	0.00247	0.04432	3.83191E-07	2.4715E-03
610630.43	4205770.03	13882.84593	0.00244	0.04336	3.74890E-07	2.4382E-03
610651.43	4205770.03	13201.47605	0.00232	0.04057	3.50768E-07	2.3185E-03
610658.43	4205770.03	12937.82588	0.00227	0.03967	3.42987E-07	2.2722E-03

610665.43	4205770.03	12656.21227	0.00222	0.03878	3.35292E-07	2.2227E-03
610672.43	4205770.03	12358.25776	0.00217	0.03790	3.27683E-07	2.1704E-03
610679.43	4205770.03	12045.57816	0.00212	0.03704	3.20248E-07	2.1155E-03
610686.43	4205770.03	11718.47706	0.00206	0.03619	3.12899E-07	2.0581E-03
610693.43	4205770.03	11379.3179	0.00200	0.03536	3.05722E-07	1.9985E-03
610700.43	4205770.03	11028.61921	0.00194	0.03455	2.98719E-07	1.9369E-03
610707.43	4205770.03	10669.12751	0.00187	0.03376	2.91889E-07	1.8738E-03
610714.43	4205770.03	10299.61904	0.00181	0.03297	2.85058E-07	1.8089E-03
610742.43	4205770.03	8772.63416	0.00154	0.03003	2.59639E-07	1.5407E-03
610749.43	4205770.03	8389.11818	0.00147	0.02935	2.53760E-07	1.4734E-03
610756.43	4205770.03	8007.51599	0.00141	0.02868	2.47967E-07	1.4064E-03
610763.43	4205770.03	7631.0801	0.00134	0.02803	2.42347E-07	1.3402E-03
610770.43	4205770.03	7260.70815	0.00127	0.02740	2.36900E-07	1.2752E-03
610777.43	4205770.03	6896.99685	0.00121	0.02679	2.31626E-07	1.2113E-03
610784.43	4205770.03	6542.11561	0.00115	0.02620	2.26525E-07	1.1490E-03
610791.43	4205770.03	6194.72795	0.00109	0.02563	2.21597E-07	1.0880E-03
610798.43	4205770.03	5858.38465	0.00103	0.02508	2.16842E-07	1.0289E-03
610805.43	4205770.03	5534.08207	0.00097	0.02455	2.12259E-07	9.7198E-04
610812.43	4205770.03	5222.60615	0.00092	0.02403	2.07763E-07	9.1729E-04
610819.43	4205770.03	4923.81332	0.00086	0.02354	2.03527E-07	8.6481E-04
610826.43	4205770.03	4639.88148	0.00081	0.02306	1.99377E-07	8.1495E-04
610833.43	4205770.03	4370.1906	0.00077	0.02260	1.95399E-07	7.6759E-04
610840.43	4205770.03	4115.06546	0.00072	0.02215	1.91509E-07	7.2279E-04
610847.43	4205770.03	3874.34494	0.00068	0.02172	1.87791E-07	6.8051E-04
610854.43	4205770.03	3647.11244	0.00064	0.02131	1.84246E-07	6.4061E-04
610861.43	4205770.03	3438.11696	0.00060	0.02091	1.80788E-07	6.0391E-04
610868.43	4205770.03	3244.36415	0.00057	0.02053	1.77502E-07	5.6988E-04
610875.43	4205770.03	3062.90646	0.00054	0.02016	1.74303E-07	5.3801E-04
610882.43	4205770.03	2890.86747	0.00051	0.01980	1.71191E-07	5.0780E-04
610889.43	4205770.03	2730.3272	0.00048	0.01946	1.68251E-07	4.7961E-04
610910.43	4205770.03	2315.63524	0.00041	0.01850	1.59951E-07	4.0678E-04
610917.43	4205770.03	2197.64257	0.00039	0.01820	1.57357E-07	3.8606E-04
610924.43	4205770.03	2088.66147	0.00037	0.01791	1.54850E-07	3.6692E-04
610931.43	4205770.03	1988.08115	0.00035	0.01763	1.52429E-07	3.4926E-04
610938.43	4205770.03	1895.27269	0.00033	0.01736	1.50094E-07	3.3296E-04
610945.43	4205770.03	1809.64568	0.00032	0.01710	1.47847E-07	3.1792E-04
610952.43	4205770.03	1730.66112	0.00030	0.01685	1.45685E-07	3.0405E-04
610959.43	4205770.03	1657.74792	0.00029	0.01660	1.43524E-07	2.9124E-04
610966.43	4205770.03	1590.44213	0.00028	0.01637	1.41535E-07	2.7942E-04
610973.43	4205770.03	1528.20096	0.00027	0.01613	1.39460E-07	2.6849E-04
610980.43	4205770.03	1470.66059	0.00026	0.01591	1.37558E-07	2.5838E-04
610987.43	4205770.03	1417.38505	0.00025	0.01569	1.35656E-07	2.4903E-04
610994.43	4205770.03	1367.97333	0.00024	0.01548	1.33840E-07	2.4035E-04
611001.43	4205770.03	1322.14423	0.00023	0.01528	1.32111E-07	2.3230E-04
611008.43	4205770.03	1279.51675	0.00022	0.01508	1.30382E-07	2.2481E-04
611015.43	4205770.03	1239.8501	0.00022	0.01488	1.28652E-07	2.1784E-04
611022.43	4205770.03	1202.84333	0.00021	0.01469	1.27010E-07	2.1134E-04
611043.43	4205770.03	1105.62228	0.00019	0.01415	1.22341E-07	1.9427E-04
611050.43	4205770.03	1077.12622	0.00019	0.01398	1.20871E-07	1.8926E-04
611057.43	4205770.03	1050.31981	0.00018	0.01381	1.19401E-07	1.8455E-04
611064.43	4205770.03	1025.04748	0.00018	0.01364	1.17931E-07	1.8011E-04
611071.43	4205770.03	1001.18211	0.00018	0.01348	1.16548E-07	1.7592E-04
611078.43	4205770.03	978.56644	0.00017	0.01333	1.15251E-07	1.7195E-04
611085.43	4205770.03	957.13301	0.00017	0.01317	1.13868E-07	1.6818E-04
611092.43	4205770.03	936.76493	0.00016	0.01302	1.12571E-07	1.6461E-04
610294.43	4205777.03	7907.19844	0.00139	0.09344	8.07882E-07	1.3893E-03
610301.43	4205777.03	8111.92124	0.00142	0.09260	8.00619E-07	1.4252E-03
610308.43	4205777.03	8320.67051	0.00146	0.09173	7.93097E-07	1.4619E-03
610315.43	4205777.03	8534.05721	0.00150	0.09085	7.85489E-07	1.4993E-03
610322.43	4205777.03	8751.26076	0.00154	0.08998	7.77967E-07	1.5375E-03
610329.43	4205777.03	8972.90557	0.00158	0.08905	7.69926E-07	1.5764E-03
610336.43	4205777.03	9216.56215	0.00162	0.08837	7.64047E-07	1.6192E-03
610343.43	4205777.03	9445.35229	0.00166	0.08745	7.56092E-07	1.6593E-03
610350.43	4205777.03	9678.13638	0.00170	0.08651	7.47965E-07	1.7002E-03
610357.43	4205777.03	9913.8105	0.00174	0.08558	7.39924E-07	1.7416E-03
610364.43	4205777.03	10152.90601	0.00178	0.08463	7.31711E-07	1.7836E-03
610371.43	4205777.03	10394.35978	0.00183	0.08365	7.23237E-07	1.8259E-03
610378.43	4205777.03	10638.44597	0.00187	0.08269	7.14937E-07	1.8688E-03
610385.43	4205777.03	10884.2243	0.00191	0.08166	7.06032E-07	1.9120E-03
610392.43	4205777.03	11131.71281	0.00195	0.08062	6.97040E-07	1.9554E-03
610399.43	4205777.03	11379.8316	0.00200	0.07957	6.87962E-07	1.9990E-03
610406.43	4205777.03	11628.73182	0.00204	0.07852	6.78884E-07	2.0427E-03
610413.43	4205777.03	11877.06751	0.00209	0.07745	6.69632E-07	2.0863E-03
610420.43	4205777.03	12124.90013	0.00213	0.07639	6.60468E-07	2.1298E-03
610427.43	4205777.03	12370.70039	0.00217	0.07531	6.51130E-07	2.1729E-03
610434.43	4205777.03	12614.2089	0.00222	0.07423	6.41792E-07	2.2157E-03
610441.43	4205777.03	12854.85078	0.00226	0.07315	6.32455E-07	2.2579E-03
610448.43	4205777.03	13091.00951	0.00230	0.07207	6.23117E-07	2.2994E-03
610455.43	4205777.03	13322.50502	0.00234	0.07099	6.13779E-07	2.3400E-03
610462.43	4205777.03	13547.63379	0.00238	0.06990	6.04355E-07	2.3795E-03
610469.43	4205777.03	13766.14876	0.00242	0.06881	5.94931E-07	2.4179E-03
610476.43	4205777.03	13976.11216	0.00245	0.06772	5.85507E-07	2.4548E-03
610483.43	4205777.03	14177.25376	0.00249	0.06664	5.76169E-07	2.4901E-03
610490.43	4205777.03	14367.7662	0.00252	0.06555	5.66745E-07	2.5235E-03
610504.43	4205777.03	14709.60611	0.00258	0.06333	5.47551E-07	2.5835E-03
610511.43	4205777.03	14860.15909	0.00261	0.06222	5.37954E-07	2.6099E-03
610518.43	4205777.03	14996.27035	0.00263	0.06111	5.28357E-07	2.6338E-03
610525.43	4205777.03	15116.64901	0.00265	0.06001	5.18846E-07	2.6550E-03
610532.43	4205777.03	15219.59176	0.00267	0.05890	5.09249E-07	2.6730E-03
610539.43	4205777.03	15305.26931	0.00269	0.05781	4.99825E-07	2.6881E-03
610546.43	4205777.03	15372.19459	0.00270	0.05672	4.90401E-07	2.6998E-03
610553.43	4205777.03	15419.55482	0.00271	0.05563	4.80977E-07	2.7081E-03
610560.43	4205777.03	15446.21746	0.00271	0.05455	4.71639E-07	2.7128E-03
610567.43	4205777.03	15452.41717	0.00271	0.05348	4.62388E-07	2.7139E-03
610574.43	4205777.03	15437.09394	0.00271	0.05242	4.53223E-07	2.7112E-03
610581.43	4205777.03	15399.83808	0.00270	0.05136	4.44058E-07	2.7046E-03
610588.43	4205777.03	15339.75992	0.00269	0.05031	4.34980E-07	2.6941E-03
610595.43	4205777.03	15257.43625	0.00268	0.04927	4.25988E-07	2.6796E-03
610602.43	4205777.03	15152.39336	0.00266	0.04824	4.17083E-07	2.6611E-03
610609.43	4205777.03	15023.98617	0.00264	0.04722	4.08264E-07	2.6386E-03
610616.43	4205777.03	14873.35093	0.00261	0.04621	3.99531E-07	2.6121E-03
610623.43	4205777.03	14699.8955	0.00258	0.04521	3.90885E-07	2.5817E-03
610630.43	4205777.03	14503.46911	0.00255	0.04422	3.82326E-07	2.5472E-03
610637.43	4205777.03	14285.55307	0.00251	0.04325	3.73939E-07	2.5089E-03
610658.43	4205777.03	13512.16529	0.00237	0.04042	3.49471E-07	2.3731E-03
610665.43	4205777.03	13215.37281	0.00232	0.03950	3.41517E-07	2.3209E-03
610672.43	4205777.03	12900.20023	0.00227	0.03860	3.33735E-07	2.2656E-03
610679.43	4205777.03	12569.02468	0.00221	0.03772	3.26127E-07	2.2074E-03
610686.43	4205777.03	12222.22815	0.00215	0.03685	3.18605E-07	2.1465E-03
610693.43	4205777.03	11862.4533	0.00208	0.03599	3.11169E-07	2.0833E-03
610700.43	4205777.03	11490.26747	0.00202	0.03516	3.03993E-07	2.0180E-03
610707.43	4205777.03	11108.07331	0.00195	0.03434	2.96903E-07	1.9508E-03
610714.43	4205777.03	10716.47744	0.00188	0.03354	2.89987E-07	1.8821E-03
610721.43	4205777.03	10317.25843	0.00181	0.03275	2.83156E-07	1.8120E-03
610742.43	4205777.03	9099.42466	0.00160	0.03052	2.63876E-07	1.5981E-03
610749.43	4205777.03	8693.53329	0.00153	0.02982	2.57824E-07	1.5268E-03
610756.43	4205777.03	8291.73927	0.00146	0.02913	2.51858E-07	1.4563E-03
610763.43	4205777.03	7894.30052	0.00139	0.02847	2.46151E-07	1.3865E-03
610770.43	4205777.03	7503.70351	0.00132	0.02783	2.40618E-07	1.3179E-03
610777.43	4205777.03	7122.4524	0.00125	0.02721	2.35258E-07	1.2509E-03
610784.43	4205777.03	6748.33394	0.00118	0.02660	2.29983E-07	1.1852E-03
610791.43	4205777.03	6383.32824	0.00112	0.02602	2.24969E-07	1.1211E-03
610798.43	4205777.03	6030.53264	0.00106	0.02545	2.20041E-07	1.0592E-03
610805.43	4205777.03	5690.90474	0.00100	0.02491	2.15372E-07	9.9953E-04
610812.43	4205777.03	5365.2414	0.00094	0.02438	2.10789E-07	9.4234E-04
610819.43	4205777.03	5054.28006	0.00089	0.02388	2.06466E-07	8.8773E-04
610826.43	4205777.03	4758.37396	0.00084	0.02339	2.02230E-07	8.3576E-04
610833.43	4205777.03	4477.86299	0.00079	0.02292	1.98166E-07	7.8650E-04
610840.43	4205777.03	4212.95509	0.00074	0.02246	1.94189E-07	7.3998E-04
610847.43	4205777.03	3963.44977	0.00070	0.02203	1.90471E-07	6.9616E-04
610854.43	4205777.03	3728.28198	0.00065	0.02160	1.86753E-07	6.5486E-04
610861.43	4205777.03	3509.97324	0.00062	0.02120	1.83295E-07	6.1653E-04
610868.43	4205777.03	3305.32077	0.00058	0.02081	1.79923E-07	5.8059E-04
610875.43	4205777.03	3114.72503	0.00055	0.02043	1.76638E-07	5.4712E-04
610882.43	4205777.03	2937.60927	0.00052	0.02007	1.73525E-07	5.1601E-04
610889.43	4205777.03	2773.31137	0.00049	0.01972	1.70499E-07	4.8716E-04
610910.43	4205777.03	2350.57045	0.00041	0.01874	1.62026E-07	4.1292E-04
610917.43	4205777.03	2230.68625	0.00039	0.01844	1.59432E-07	3.9186E-04
610924.43	4205777.03	2120.09899	0.00037	0.01815	1.56925E-07	3.7244E-04
610931.43	4205777.03	2018.21	0.00035	0.01786	1.54417E-07	3.5455E-04
610938.43	4205777.03	1924.30712	0.00034	0.01759	1.52083E-07	3.3806E-04
610945.43	4205777.03	1837.74938	0.00032	0.01732	1.49749E-07	3.2285E-04
610952.43	4205777.03	1757.9802	0.00031	0.01706	1.47501E-07	3.0884E-04
610959.43	4205777.03	1684.36139	0.00030	0.01682	1.45426E-07	2.9592E-04
610966.43	4205777.03	1616.44896	0.00028	0.01657	1.43264E-07	2.8399E-04
610973.43	4205777.03	1553.73718	0.00027	0.01634	1.41276E-07	2.7297E-04
610980.43	4205777.03	1495.73699	0.00026	0.01611	1.39287E-07	2.6279E-04
610987.43	4205777.03	1442.05755	0.00025	0.01589	1.37385E-07	2.5336E-04
610994.43	4205777.03	1392.30852	0.00024	0.01568	1.35569E-07	2.4462E-04

611001.43	4205777.03	1346.11609	0.00024	0.01547	1.33754E-07	2.3651E-04
611008.43	4205777.03	1303.18724	0.00023	0.01526	1.31938E-07	2.2897E-04
611015.43	4205777.03	1263.20212	0.00022	0.01507	1.30295E-07	2.2195E-04
611043.43	4205777.03	1127.8013	0.00020	0.01432	1.23811E-07	1.9816E-04
611050.43	4205777.03	1099.05423	0.00019	0.01415	1.22341E-07	1.9311E-04
611057.43	4205777.03	1071.96699	0.00019	0.01398	1.20871E-07	1.8836E-04
611064.43	4205777.03	1046.41119	0.00018	0.01381	1.19401E-07	1.8387E-04
611071.43	4205777.03	1022.24986	0.00018	0.01364	1.17931E-07	1.7962E-04
611078.43	4205777.03	999.36233	0.00018	0.01348	1.16548E-07	1.7560E-04
611085.43	4205777.03	977.6445	0.00017	0.01333	1.15251E-07	1.7179E-04
611092.43	4205777.03	956.98618	0.00017	0.01317	1.13868E-07	1.6816E-04
610294.43	4205784.03	7989.07959	0.00140	0.09569	8.27335E-07	1.4037E-03
610301.43	4205784.03	8200.32179	0.00144	0.09483	8.19900E-07	1.4408E-03
610308.43	4205784.03	8416.71933	0.00148	0.09395	8.12291E-07	1.4788E-03
610315.43	4205784.03	8637.50653	0.00152	0.09305	8.04510E-07	1.5175E-03
610322.43	4205784.03	8863.31468	0.00156	0.09214	7.96642E-07	1.5572E-03
610329.43	4205784.03	9093.30505	0.00160	0.09143	7.90503E-07	1.5976E-03
610336.43	4205784.03	9347.14893	0.00164	0.09053	7.82722E-07	1.6421E-03
610343.43	4205784.03	9585.80705	0.00168	0.08959	7.74595E-07	1.6840E-03
610350.43	4205784.03	9828.851	0.00173	0.08864	7.66381E-07	1.7267E-03
610357.43	4205784.03	10075.49321	0.00177	0.08769	7.58167E-07	1.7700E-03
610364.43	4205784.03	10326.04186	0.00181	0.08671	7.49694E-07	1.8140E-03
610371.43	4205784.03	10579.56256	0.00186	0.08571	7.41048E-07	1.8585E-03
610378.43	4205784.03	10836.05508	0.00190	0.08468	7.32143E-07	1.9035E-03
610385.43	4205784.03	11095.42118	0.00195	0.08363	7.23065E-07	1.9491E-03
610392.43	4205784.03	11356.51071	0.00199	0.08256	7.13813E-07	1.9949E-03
610399.43	4205784.03	11619.62001	0.00204	0.08149	7.04562E-07	2.0411E-03
610406.43	4205784.03	11883.30035	0.00209	0.08040	6.95138E-07	2.0874E-03
610413.43	4205784.03	12147.78933	0.00213	0.07932	6.85800E-07	2.1338E-03
610420.43	4205784.03	12411.64138	0.00218	0.07822	6.76290E-07	2.1801E-03
610427.43	4205784.03	12674.86145	0.00223	0.07712	6.66779E-07	2.2263E-03
610434.43	4205784.03	12935.882	0.00227	0.07602	6.57269E-07	2.2722E-03
610441.43	4205784.03	13194.56607	0.00232	0.07491	6.47671E-07	2.3176E-03
610448.43	4205784.03	13449.22068	0.00236	0.07380	6.38074E-07	2.3623E-03
610455.43	4205784.03	13699.72564	0.00241	0.07268	6.28391E-07	2.4063E-03
610462.43	4205784.03	13944.0541	0.00245	0.07156	6.18707E-07	2.4492E-03
610469.43	4205784.03	14181.62654	0.00249	0.07045	6.09110E-07	2.4909E-03
610476.43	4205784.03	14411.69518	0.00253	0.06933	5.99427E-07	2.5313E-03
610483.43	4205784.03	14632.32088	0.00257	0.06821	5.89743E-07	2.5700E-03
610490.43	4205784.03	14842.94374	0.00261	0.06709	5.80060E-07	2.6070E-03
610504.43	4205784.03	15222.82554	0.00267	0.06479	5.60174E-07	2.6737E-03
610511.43	4205784.03	15392.17928	0.00270	0.06365	5.50318E-07	2.7034E-03
610518.43	4205784.03	15546.29283	0.00273	0.06251	5.40461E-07	2.7304E-03
610525.43	4205784.03	15683.80328	0.00275	0.06137	5.30605E-07	2.7546E-03
610532.43	4205784.03	15803.63935	0.00278	0.06023	5.20748E-07	2.7756E-03
610539.43	4205784.03	15904.76874	0.00279	0.05910	5.10978E-07	2.7934E-03
610546.43	4205784.03	15985.94516	0.00281	0.05798	5.01295E-07	2.8076E-03
610553.43	4205784.03	16046.36494	0.00282	0.05686	4.91611E-07	2.8182E-03
610560.43	4205784.03	16085.06629	0.00282	0.05574	4.81928E-07	2.8250E-03
610567.43	4205784.03	16101.78761	0.00283	0.05464	4.72417E-07	2.8279E-03
610574.43	4205784.03	16095.44565	0.00283	0.05354	4.62907E-07	2.8268E-03
610581.43	4205784.03	16065.88368	0.00282	0.05245	4.53482E-07	2.8216E-03
610588.43	4205784.03	16011.6101	0.00281	0.05137	4.44145E-07	2.8120E-03
610595.43	4205784.03	15932.57926	0.00280	0.05030	4.34894E-07	2.7982E-03
610602.43	4205784.03	15829.40581	0.00278	0.04925	4.25815E-07	2.7800E-03
610609.43	4205784.03	15700.77037	0.00276	0.04819	4.16651E-07	2.7574E-03
610616.43	4205784.03	15547.68097	0.00273	0.04716	4.07745E-07	2.7305E-03
610623.43	4205784.03	15369.26506	0.00270	0.04613	3.98840E-07	2.6992E-03
610630.43	4205784.03	15166.26183	0.00266	0.04511	3.90021E-07	2.6636E-03
610637.43	4205784.03	14939.55787	0.00262	0.04411	3.81375E-07	2.6237E-03
610658.43	4205784.03	14126.69263	0.00248	0.04120	3.56215E-07	2.4810E-03
610665.43	4205784.03	13812.53451	0.00243	0.04025	3.48001E-07	2.4258E-03
610672.43	4205784.03	13479.3851	0.00237	0.03932	3.39961E-07	2.3673E-03
610679.43	4205784.03	13127.66981	0.00231	0.03841	3.32093E-07	2.3055E-03
610686.43	4205784.03	12760.15925	0.00224	0.03752	3.24398E-07	2.2410E-03
610693.43	4205784.03	12377.38835	0.00217	0.03664	3.16789E-07	2.1738E-03
610700.43	4205784.03	11982.60018	0.00210	0.03578	3.09354E-07	2.1044E-03
610707.43	4205784.03	11576.44823	0.00203	0.03494	3.02091E-07	2.0331E-03
610714.43	4205784.03	11160.23861	0.00196	0.03412	2.95001E-07	1.9600E-03
610721.43	4205784.03	10736.07288	0.00189	0.03331	2.87998E-07	1.8855E-03
610728.43	4205784.03	10308.1973	0.00181	0.03253	2.81254E-07	1.8104E-03
610749.43	4205784.03	9016.85301	0.00158	0.03030	2.61974E-07	1.5836E-03
610756.43	4205784.03	8591.68014	0.00151	0.02960	2.55921E-07	1.5089E-03
610763.43	4205784.03	8170.65239	0.00143	0.02892	2.50042E-07	1.4350E-03
610770.43	4205784.03	7754.41288	0.00136	0.02826	2.44336E-07	1.3619E-03
611036.43	4205784.03	1182.26724	0.00021	0.01468	1.26923E-07	2.0773E-04
611043.43	4205784.03	1151.36387	0.00020	0.01450	1.25367E-07	2.0230E-04
611050.43	4205784.03	1122.28064	0.00020	0.01432	1.23811E-07	1.9719E-04
611057.43	4205784.03	1094.87855	0.00019	0.01415	1.22341E-07	1.9238E-04
611064.43	4205784.03	1069.03466	0.00019	0.01397	1.20785E-07	1.8784E-04
611071.43	4205784.03	1044.55317	0.00018	0.01381	1.19401E-07	1.8354E-04
611078.43	4205784.03	1021.36718	0.00018	0.01364	1.17931E-07	1.7947E-04
611085.43	4205784.03	999.34536	0.00018	0.01348	1.16548E-07	1.7560E-04
611092.43	4205784.03	978.4069	0.00017	0.01333	1.15251E-07	1.7192E-04
610294.43	4205791.03	8068.32195	0.00142	0.09803	8.47567E-07	1.4176E-03
610301.43	4205791.03	8286.42289	0.00146	0.09714	8.39872E-07	1.4559E-03
610308.43	4205791.03	8510.16945	0.00149	0.09624	8.32091E-07	1.4952E-03
610315.43	4205791.03	8738.79251	0.00153	0.09533	8.24223E-07	1.5353E-03
610322.43	4205791.03	8972.57518	0.00158	0.09462	8.18084E-07	1.5764E-03
610329.43	4205791.03	9231.58312	0.00162	0.09370	8.10130E-07	1.6219E-03
610336.43	4205791.03	9475.2512	0.00166	0.09275	8.01916E-07	1.6646E-03
610343.43	4205791.03	9724.21695	0.00171	0.09181	7.93789E-07	1.7083E-03
610350.43	4205791.03	9977.50077	0.00175	0.09083	7.85316E-07	1.7528E-03
610357.43	4205791.03	10235.63844	0.00180	0.08986	7.76929E-07	1.7981E-03
610364.43	4205791.03	10497.65426	0.00184	0.08885	7.68197E-07	1.8441E-03
610371.43	4205791.03	10763.98574	0.00189	0.08782	7.59291E-07	1.8909E-03
610378.43	4205791.03	11033.58041	0.00194	0.08675	7.50040E-07	1.9382E-03
610385.43	4205791.03	11306.7528	0.00199	0.08567	7.40702E-07	1.9862E-03
610392.43	4205791.03	11582.35712	0.00203	0.08457	7.31192E-07	2.0346E-03
610399.43	4205791.03	11860.53368	0.00208	0.08348	7.21768E-07	2.0834E-03
610406.43	4205791.03	12140.15767	0.00213	0.08237	7.12171E-07	2.1325E-03
610413.43	4205791.03	12420.79256	0.00218	0.08125	7.02487E-07	2.1818E-03
610420.43	4205791.03	12702.27019	0.00223	0.08013	6.92804E-07	2.2312E-03
610427.43	4205791.03	12983.02951	0.00228	0.07900	6.83034E-07	2.2805E-03
610434.43	4205791.03	13262.91464	0.00233	0.07787	6.73264E-07	2.3296E-03
610441.43	4205791.03	13540.4078	0.00238	0.07673	6.63407E-07	2.3783E-03
610448.43	4205791.03	13815.17348	0.00243	0.07559	6.53551E-07	2.4266E-03
610455.43	4205791.03	14085.39913	0.00247	0.07444	6.43608E-07	2.4740E-03
610462.43	4205791.03	14350.85776	0.00252	0.07330	6.33751E-07	2.5206E-03
610469.43	4205791.03	14609.48869	0.00257	0.07215	6.23809E-07	2.5660E-03
610476.43	4205791.03	14860.91638	0.00261	0.07100	6.13866E-07	2.6102E-03
610483.43	4205791.03	15102.92328	0.00265	0.06984	6.03836E-07	2.6526E-03
610490.43	4205791.03	15335.1647	0.00269	0.06868	5.93807E-07	2.6934E-03
610504.43	4205791.03	15756.64717	0.00277	0.06631	5.73316E-07	2.7674E-03
610511.43	4205791.03	15946.44054	0.00280	0.06513	5.63114E-07	2.8007E-03
610518.43	4205791.03	16120.86107	0.00283	0.06395	5.52911E-07	2.8313E-03
610525.43	4205791.03	16277.59856	0.00286	0.06278	5.42796E-07	2.8589E-03
610532.43	4205791.03	16415.8757	0.00288	0.06160	5.32593E-07	2.8831E-03
610539.43	4205791.03	16534.282	0.00290	0.06044	5.22564E-07	2.9039E-03
610546.43	4205791.03	16632.25858	0.00292	0.05928	5.12535E-07	2.9211E-03
610553.43	4205791.03	16707.54127	0.00293	0.05812	5.02505E-07	2.9343E-03
610560.43	4205791.03	16759.62074	0.00294	0.05697	4.92562E-07	2.9434E-03
610567.43	4205791.03	16788.7458	0.00295	0.05583	4.82706E-07	2.9485E-03
610574.43	4205791.03	16793.41577	0.00295	0.05471	4.73022E-07	2.9494E-03
610581.43	4205791.03	16772.43759	0.00295	0.05359	4.63339E-07	2.9457E-03
610588.43	4205791.03	16725.79163	0.00294	0.05248	4.53742E-07	2.9375E-03
610595.43	4205791.03	16651.84816	0.00292	0.05138	4.44231E-07	2.9245E-03
610602.43	4205791.03	16550.89883	0.00291	0.05028	4.34721E-07	2.9067E-03
610609.43	4205791.03	16422.66078	0.00288	0.04920	4.25383E-07	2.8842E-03
610616.43	4205791.03	16267.22722	0.00286	0.04813	4.16132E-07	2.8569E-03
610623.43	4205791.03	16084.54568	0.00282	0.04708	4.07053E-07	2.8248E-03
610630.43	4205791.03	15874.81622	0.00279	0.04603	3.97975E-07	2.7880E-03
610637.43	4205791.03	15638.63447	0.00275	0.04500	3.89070E-07	2.7465E-03
610644.43	4205791.03	15378.8891	0.00270	0.04398	3.80251E-07	2.7009E-03
610658.43	4205791.03	14784.52485	0.00260	0.04200	3.63132E-07	2.5965E-03
610665.43	4205791.03	14452.1943	0.00254	0.04102	3.54659E-07	2.5381E-03
610672.43	4205791.03	14099.13528	0.00248	0.04007	3.46445E-07	2.4761E-03
610679.43	4205791.03	13725.84413	0.00241	0.03913	3.38318E-07	2.4106E-03
610686.43	4205791.03	13335.338	0.00234	0.03821	3.30363E-07	2.3420E-03
610693.43	4205791.03	12928.32456	0.00227	0.03731	3.22582E-07	2.2705E-03
610700.43	4205791.03	12507.65767	0.00220	0.03642	3.14887E-07	2.1966E-03
610707.43	4205791.03	12076.17151	0.00212	0.03556	3.07452E-07	2.1209E-03
610714.43	4205791.03	11633.35192	0.00204	0.03471	3.00102E-07	2.0431E-03
610721.43	4205791.03	11182.88822	0.00196	0.03389	2.93013E-07	1.9640E-03
610728.43	4205791.03	10727.92361	0.00188	0.03308	2.86010E-07	1.8841E-03
610735.43	4205791.03	10270.81833	0.00180	0.03230	2.79266E-07	1.8038E-03
611029.43	4205791.03	1240.78712	0.00022	0.01505	1.30122E-07	2.1801E-04
611036.43	4205791.03	1207.52317	0.00021	0.01486	1.28479E-07	2.1217E-04
611043.43	4205791.03	1176.29308	0.00021	0.01468	1.26923E-07	2.0668E-04

611050.43	4205791.03	1146.87334	0.00020	0.01450	1.25367E-07	2.0151E-04
611057.43	4205791.03	1119.16401	0.00020	0.01432	1.23811E-07	1.9665E-04
611064.43	4205791.03	1092.95555	0.00019	0.01415	1.22341E-07	1.9204E-04
611071.43	4205791.03	1068.17603	0.00019	0.01398	1.20871E-07	1.8769E-04
611078.43	4205791.03	1044.66115	0.00018	0.01381	1.19401E-07	1.8356E-04
611085.43	4205791.03	1022.30287	0.00018	0.01365	1.18018E-07	1.7963E-04
611092.43	4205791.03	1001.02664	0.00018	0.01349	1.16634E-07	1.7589E-04
610294.43	4205798.03	8144.32561	0.00143	0.10042	8.68231E-07	1.4310E-03
610301.43	4205798.03	8369.73476	0.00147	0.09952	8.60449E-07	1.4706E-03
610308.43	4205798.03	8600.43136	0.00151	0.09862	8.52668E-07	1.5111E-03
610315.43	4205798.03	8837.28275	0.00155	0.09790	8.46443E-07	1.5527E-03
610322.43	4205798.03	9099.91956	0.00160	0.09699	8.38575E-07	1.5988E-03
610329.43	4205798.03	9347.91458	0.00164	0.09604	8.30361E-07	1.6423E-03
610336.43	4205798.03	9601.23583	0.00169	0.09507	8.21975E-07	1.6868E-03
610343.43	4205798.03	9860.28439	0.00173	0.09411	8.13675E-07	1.7323E-03
610350.43	4205798.03	10124.35711	0.00178	0.09311	8.05029E-07	1.7786E-03
610357.43	4205798.03	10393.54386	0.00183	0.09209	7.96210E-07	1.8259E-03
610364.43	4205798.03	10667.99947	0.00187	0.09107	7.87391E-07	1.8741E-03
610371.43	4205798.03	10946.80167	0.00192	0.08998	7.77967E-07	1.9230E-03
610378.43	4205798.03	11230.20263	0.00197	0.08889	7.68543E-07	1.9728E-03
610385.43	4205798.03	11517.3112	0.00202	0.08778	7.58945E-07	2.0232E-03
610392.43	4205798.03	11808.19522	0.00207	0.08666	7.49262E-07	2.0742E-03
610399.43	4205798.03	12101.88822	0.00213	0.08554	7.39578E-07	2.1258E-03
610406.43	4205798.03	12398.35341	0.00218	0.08440	7.29722E-07	2.1779E-03
610413.43	4205798.03	12696.36799	0.00223	0.08326	7.19866E-07	2.2302E-03
610420.43	4205798.03	12995.9282	0.00228	0.08211	7.09923E-07	2.2828E-03
610427.43	4205798.03	13295.44494	0.00233	0.08095	6.99893E-07	2.3354E-03
610434.43	4205798.03	13595.06835	0.00239	0.07979	6.89864E-07	2.3880E-03
610441.43	4205798.03	13892.71585	0.00244	0.07862	6.79748E-07	2.4402E-03
610448.43	4205798.03	14188.07721	0.00249	0.07744	6.69546E-07	2.4921E-03
610455.43	4205798.03	14480.37128	0.00254	0.07627	6.59430E-07	2.5434E-03
610462.43	4205798.03	14767.44768	0.00259	0.07509	6.49228E-07	2.5938E-03
610469.43	4205798.03	15049.14161	0.00264	0.07391	6.39025E-07	2.6432E-03
610476.43	4205798.03	15323.15386	0.00269	0.07272	6.28737E-07	2.6913E-03
610483.43	4205798.03	15588.9127	0.00274	0.07153	6.18448E-07	2.7380E-03
610490.43	4205798.03	15844.1699	0.00278	0.07033	6.08073E-07	2.7828E-03
610504.43	4205798.03	16311.75455	0.00286	0.06789	5.86977E-07	2.8649E-03
610511.43	4205798.03	16524.48017	0.00290	0.06667	5.76428E-07	2.9022E-03
610518.43	4205798.03	16720.46446	0.00294	0.06545	5.65880E-07	2.9366E-03
610525.43	4205798.03	16899.18879	0.00297	0.06424	5.55419E-07	2.9680E-03
610532.43	4205798.03	17057.98998	0.00300	0.06303	5.44957E-07	2.9959E-03
610539.43	4205798.03	17196.61899	0.00302	0.06183	5.34582E-07	3.0202E-03
610546.43	4205798.03	17312.96955	0.00304	0.06063	5.24207E-07	3.0406E-03
610553.43	4205798.03	17405.24324	0.00306	0.05943	5.13831E-07	3.0568E-03
610560.43	4205798.03	17473.40394	0.00307	0.05825	5.03629E-07	3.0688E-03
610567.43	4205798.03	17516.14079	0.00308	0.05707	4.93427E-07	3.0763E-03
610574.43	4205798.03	17533.84408	0.00308	0.05591	4.83398E-07	3.0794E-03
610581.43	4205798.03	17523.80072	0.00308	0.05476	4.73455E-07	3.0776E-03
610588.43	4205798.03	17485.31056	0.00307	0.05362	4.63598E-07	3.0708E-03
610595.43	4205798.03	17417.73426	0.00306	0.05248	4.53742E-07	3.0590E-03
610602.43	4205798.03	17320.60235	0.00304	0.05136	4.44058E-07	3.0419E-03
610609.43	4205798.03	17193.78708	0.00302	0.05025	4.34461E-07	3.0196E-03
610616.43	4205798.03	17037.07815	0.00299	0.04915	4.24951E-07	2.9921E-03
610623.43	4205798.03	16849.86497	0.00296	0.04806	4.15527E-07	2.9592E-03
610630.43	4205798.03	16633.63727	0.00292	0.04698	4.06189E-07	2.9212E-03
610637.43	4205798.03	16388.19029	0.00288	0.04592	3.97024E-07	2.8781E-03
610644.43	4205798.03	16115.5262	0.00283	0.04487	3.87946E-07	2.8302E-03
610665.43	4205798.03	15138.02068	0.00266	0.04182	3.61576E-07	2.6586E-03
610672.43	4205798.03	14762.91209	0.00259	0.04083	3.53016E-07	2.5927E-03
610679.43	4205798.03	14366.87209	0.00252	0.03987	3.44716E-07	2.5231E-03
610686.43	4205798.03	13950.80235	0.00245	0.03892	3.36502E-07	2.4501E-03
610693.43	4205798.03	13518.1899	0.00237	0.03799	3.28461E-07	2.3741E-03
610700.43	4205798.03	13069.99601	0.00230	0.03708	3.20593E-07	2.2954E-03
610707.43	4205798.03	12610.32621	0.00221	0.03620	3.12985E-07	2.2147E-03
610714.43	4205798.03	12138.51291	0.00213	0.03533	3.05463E-07	2.1318E-03
610721.43	4205798.03	11659.5369	0.00205	0.03448	2.98114E-07	2.0477E-03
610728.43	4205798.03	11176.12482	0.00196	0.03365	2.90938E-07	1.9628E-03
610735.43	4205798.03	10688.02543	0.00188	0.03285	2.84021E-07	1.8771E-03
610784.43	4205798.03	7385.92083	0.00130	0.02785	2.40791E-07	1.2972E-03
610791.43	4205798.03	6959.91981	0.00122	0.02722	2.35344E-07	1.2224E-03
610798.43	4205798.03	6550.39785	0.00115	0.02662	2.30156E-07	1.1505E-03
610805.43	4205798.03	6158.34018	0.00108	0.02604	2.25142E-07	1.0816E-03
610812.43	4205798.03	5784.72152	0.00102	0.02548	2.20300E-07	1.0160E-03
610819.43	4205798.03	5430.13532	0.00095	0.02494	2.15631E-07	9.5374E-04
610826.43	4205798.03	5094.91868	0.00089	0.02442	2.11135E-07	8.9487E-04
610833.43	4205798.03	4779.16496	0.00084	0.02392	2.06812E-07	8.3942E-04
610840.43	4205798.03	4482.88746	0.00079	0.02344	2.02662E-07	7.8739E-04
610847.43	4205798.03	4205.74134	0.00074	0.02298	1.98685E-07	7.3872E-04
610854.43	4205798.03	3947.31429	0.00069	0.02253	1.94794E-07	6.9333E-04
610861.43	4205798.03	3707.01378	0.00065	0.02210	1.91076E-07	6.5113E-04
610868.43	4205798.03	3484.1276	0.00061	0.02169	1.87532E-07	6.1199E-04
610875.43	4205798.03	3277.92257	0.00058	0.02129	1.84073E-07	5.7578E-04
610882.43	4205798.03	3087.46882	0.00054	0.02091	1.80788E-07	5.4233E-04
610889.43	4205798.03	2911.85841	0.00051	0.02054	1.77589E-07	5.1149E-04
610910.43	4205798.03	2464.85149	0.00043	0.01951	1.68683E-07	4.3299E-04
610917.43	4205798.03	2339.32451	0.00041	0.01919	1.65917E-07	4.1095E-04
610924.43	4205798.03	2224.08538	0.00039	0.01888	1.63236E-07	3.9071E-04
610931.43	4205798.03	2118.24903	0.00037	0.01858	1.60643E-07	3.7212E-04
610938.43	4205798.03	2021.01737	0.00035	0.01829	1.58135E-07	3.5504E-04
610945.43	4205798.03	1931.70826	0.00034	0.01802	1.55801E-07	3.3936E-04
610952.43	4205798.03	1849.51626	0.00032	0.01775	1.53466E-07	3.2492E-04
610959.43	4205798.03	1773.89374	0.00031	0.01748	1.51132E-07	3.1164E-04
610966.43	4205798.03	1704.19475	0.00030	0.01723	1.48970E-07	2.9940E-04
610973.43	4205798.03	1639.8655	0.00029	0.01698	1.46809E-07	2.8810E-04
610980.43	4205798.03	1580.4602	0.00028	0.01674	1.44734E-07	2.7767E-04
610987.43	4205798.03	1525.45088	0.00027	0.01651	1.42745E-07	2.6801E-04
610994.43	4205798.03	1474.5015	0.00026	0.01629	1.40843E-07	2.5906E-04
611001.43	4205798.03	1427.18492	0.00025	0.01607	1.38941E-07	2.5075E-04
611008.43	4205798.03	1383.16901	0.00024	0.01585	1.37039E-07	2.4302E-04
611015.43	4205798.03	1342.11716	0.00024	0.01564	1.35223E-07	2.3581E-04
611022.43	4205798.03	1303.81632	0.00023	0.01544	1.33494E-07	2.2908E-04
611029.43	4205798.03	1267.966	0.00022	0.01524	1.31765E-07	2.2278E-04
611036.43	4205798.03	1234.33161	0.00022	0.01505	1.30122E-07	2.1688E-04
611043.43	4205798.03	1202.72934	0.00021	0.01486	1.28479E-07	2.1133E-04
611050.43	4205798.03	1172.99256	0.00021	0.01468	1.26923E-07	2.0610E-04
611057.43	4205798.03	1144.90795	0.00020	0.01450	1.25367E-07	2.0117E-04
611064.43	4205798.03	1118.35769	0.00020	0.01432	1.23811E-07	1.9650E-04
611071.43	4205798.03	1093.20656	0.00019	0.01415	1.22341E-07	1.9209E-04
611078.43	4205798.03	1069.33462	0.00019	0.01398	1.20871E-07	1.8789E-04
611085.43	4205798.03	1046.66128	0.00018	0.01381	1.19401E-07	1.8391E-04
611092.43	4205798.03	1025.0513	0.00018	0.01365	1.18018E-07	1.8011E-04
610294.43	4205805.03	8217.56018	0.00144	0.10291	8.89759E-07	1.4439E-03
610301.43	4205805.03	8449.44538	0.00148	0.10201	8.81978E-07	1.4846E-03
610308.43	4205805.03	8688.00274	0.00153	0.10130	8.75839E-07	1.5265E-03
610315.43	4205805.03	8953.47719	0.00157	0.10037	8.67799E-07	1.5731E-03
610322.43	4205805.03	9204.29096	0.00162	0.09944	8.59758E-07	1.6171E-03
610329.43	4205805.03	9460.98946	0.00166	0.09847	8.51371E-07	1.6622E-03
610336.43	4205805.03	9724.23383	0.00171	0.09748	8.42812E-07	1.7084E-03
610343.43	4205805.03	9993.26999	0.00175	0.09649	8.34252E-07	1.7556E-03
610350.43	4205805.03	10268.64822	0.00180	0.09547	8.25433E-07	1.8040E-03
610357.43	4205805.03	10549.4495	0.00185	0.09443	8.16441E-07	1.8533E-03
610364.43	4205805.03	10836.35242	0.00190	0.09334	8.07017E-07	1.9036E-03
610371.43	4205805.03	11128.12953	0.00195	0.09223	7.97420E-07	1.9549E-03
610378.43	4205805.03	11425.59614	0.00201	0.09111	7.87737E-07	2.0071E-03
610385.43	4205805.03	11727.21596	0.00206	0.08998	7.77967E-07	2.0601E-03
610392.43	4205805.03	12033.36045	0.00211	0.08883	7.68024E-07	2.1138E-03
610399.43	4205805.03	12343.67912	0.00217	0.08768	7.58081E-07	2.1683E-03
610406.43	4205805.03	12657.03603	0.00222	0.08651	7.47965E-07	2.2233E-03
610413.43	4205805.03	12973.49437	0.00228	0.08534	7.37849E-07	2.2789E-03
610420.43	4205805.03	13291.588	0.00233	0.08416	7.27647E-07	2.3347E-03
610427.43	4205805.03	13611.39347	0.00239	0.08297	7.17358E-07	2.3908E-03
610434.43	4205805.03	13931.12192	0.00245	0.08178	7.07069E-07	2.4470E-03
610441.43	4205805.03	14250.78094	0.00250	0.08058	6.96694E-07	2.5031E-03
610448.43	4205805.03	14568.31717	0.00256	0.07937	6.86233E-07	2.5589E-03
610455.43	4205805.03	14883.59407	0.00261	0.07817	6.75857E-07	2.6142E-03
610462.43	4205805.03	15194.42712	0.00267	0.07696	6.65396E-07	2.6688E-03
610469.43	4205805.03	15500.44675	0.00272	0.07574	6.54848E-07	2.7225E-03
610476.43	4205805.03	15799.10468	0.00277	0.07451	6.44213E-07	2.7749E-03
610483.43	4205805.03	16090.24612	0.00283	0.07328	6.33579E-07	2.8260E-03
610490.43	4205805.03	16370.92159	0.00287	0.07205	6.22944E-07	2.8753E-03
610504.43	4205805.03	16889.05247	0.00297	0.06953	6.01156E-07	2.9663E-03
610511.43	4205805.03	17126.08478	0.00301	0.06827	5.90262E-07	3.0079E-03
610518.43	4205805.03	17347.04965	0.00305	0.06701	5.79368E-07	3.0467E-03
610525.43	4205805.03	17549.5892	0.00308	0.06576	5.68561E-07	3.0822E-03
610532.43	4205805.03	17732.06208	0.00311	0.06451	5.57753E-07	3.1143E-03
610539.43	4205805.03	17892.75794	0.00314	0.06327	5.47032E-07	3.1425E-03
610546.43	4205805.03	18029.46656	0.00317	0.06202	5.36225E-07	3.1665E-03
610553.43	4205805.03	18141.85643	0.00319	0.06079	5.25590E-07	3.1862E-03
610560.43	4205805.03	18227.70469	0.00320	0.05957	5.15042E-07	3.2013E-03

610567.43	4205805.03	18287.68703	0.00321	0.05836	5.04580E-07	3.2118E-03
610574.43	4205805.03	18320.52614	0.00322	0.05717	4.94292E-07	3.2175E-03
610581.43	4205805.03	18322.77975	0.00322	0.05598	4.84003E-07	3.2179E-03
610588.43	4205805.03	18294.88798	0.00321	0.05480	4.73801E-07	3.2130E-03
610595.43	4205805.03	18234.59678	0.00320	0.05363	4.63685E-07	3.2024E-03
610602.43	4205805.03	18142.79215	0.00319	0.05248	4.53742E-07	3.1863E-03
610609.43	4205805.03	18018.36981	0.00316	0.05133	4.43799E-07	3.1644E-03
610616.43	4205805.03	17860.56784	0.00314	0.05020	4.34029E-07	3.1367E-03
610623.43	4205805.03	17670.52728	0.00310	0.04907	4.24259E-07	3.1033E-03
610630.43	4205805.03	17447.26828	0.00306	0.04796	4.14662E-07	3.0641E-03
610637.43	4205805.03	17192.42803	0.00302	0.04687	4.05238E-07	3.0194E-03
610644.43	4205805.03	16906.94813	0.00297	0.04579	3.95900E-07	2.9692E-03
610665.43	4205805.03	15874.61752	0.00279	0.04264	3.68665E-07	2.7879E-03
610672.43	4205805.03	15476.28535	0.00272	0.04163	3.59933E-07	2.7180E-03
610679.43	4205805.03	15054.25353	0.00264	0.04063	3.51287E-07	2.6438E-03
610686.43	4205805.03	14611.81049	0.00257	0.03966	3.42900E-07	2.5661E-03
610693.43	4205805.03	14149.88141	0.00248	0.03870	3.34600E-07	2.4850E-03
610700.43	4205805.03	13672.59975	0.00240	0.03777	3.26559E-07	2.4012E-03
610707.43	4205805.03	13181.34832	0.00231	0.03685	3.18605E-07	2.3149E-03
610714.43	4205805.03	12679.78958	0.00223	0.03596	3.10910E-07	2.2269E-03
610721.43	4205805.03	12169.0069	0.00214	0.03509	3.03388E-07	2.1372E-03
610728.43	4205805.03	11648.71824	0.00205	0.03424	2.96039E-07	2.0458E-03
610735.43	4205805.03	11124.32965	0.00195	0.03341	2.88863E-07	1.9537E-03
610763.43	4205805.03	9060.65363	0.00159	0.03034	2.62319E-07	1.5913E-03
610770.43	4205805.03	8566.28791	0.00150	0.02963	2.56181E-07	1.5045E-03
610777.43	4205805.03	8084.96007	0.00142	0.02895	2.50302E-07	1.4200E-03
610784.43	4205805.03	7618.83081	0.00134	0.02828	2.44509E-07	1.3381E-03
610791.43	4205805.03	7169.62403	0.00126	0.02764	2.38975E-07	1.2592E-03
610798.43	4205805.03	6738.62187	0.00118	0.02703	2.33701E-07	1.1835E-03
610805.43	4205805.03	6326.91527	0.00111	0.02643	2.28514E-07	1.1112E-03
610812.43	4205805.03	5935.40155	0.00104	0.02586	2.23585E-07	1.0425E-03
610819.43	4205805.03	5564.71172	0.00098	0.02531	2.18830E-07	9.7737E-04
610826.43	4205805.03	5215.04416	0.00092	0.02478	2.14248E-07	9.1596E-04
610833.43	4205805.03	4886.4068	0.00086	0.02427	2.09838E-07	8.5825E-04
610840.43	4205805.03	4578.83238	0.00080	0.02378	2.05602E-07	8.0424E-04
610847.43	4205805.03	4291.78712	0.00075	0.02331	2.01538E-07	7.5383E-04
610854.43	4205805.03	4024.72887	0.00071	0.02286	1.97647E-07	7.0693E-04
610861.43	4205805.03	3777.04397	0.00066	0.02242	1.93843E-07	6.6343E-04
610868.43	4205805.03	3547.82607	0.00062	0.02200	1.90212E-07	6.2318E-04
610875.43	4205805.03	3336.24246	0.00059	0.02159	1.86667E-07	5.8602E-04
610882.43	4205805.03	3141.25185	0.00055	0.02120	1.83295E-07	5.5178E-04
610889.43	4205805.03	2961.81092	0.00052	0.02083	1.80096E-07	5.2027E-04
610910.43	4205805.03	2506.67024	0.00044	0.01978	1.71018E-07	4.4034E-04
610917.43	4205805.03	2379.2897	0.00042	0.01945	1.68165E-07	4.1797E-04
610924.43	4205805.03	2262.49648	0.00040	0.01914	1.65484E-07	3.9745E-04
610931.43	4205805.03	2155.32963	0.00038	0.01884	1.62891E-07	3.7863E-04
610938.43	4205805.03	2057.01395	0.00036	0.01854	1.60297E-07	3.6137E-04
610945.43	4205805.03	1966.705	0.00035	0.01826	1.57876E-07	3.4551E-04
610952.43	4205805.03	1883.73389	0.00033	0.01798	1.55455E-07	3.3093E-04
610959.43	4205805.03	1807.38108	0.00032	0.01772	1.53207E-07	3.1753E-04
610966.43	4205805.03	1737.09668	0.00031	0.01746	1.50959E-07	3.0518E-04
610973.43	4205805.03	1672.22064	0.00029	0.01721	1.48798E-07	2.9379E-04
610980.43	4205805.03	1612.29028	0.00028	0.01697	1.46723E-07	2.8326E-04
610987.43	4205805.03	1556.86219	0.00027	0.01673	1.44647E-07	2.7353E-04
610994.43	4205805.03	1505.42352	0.00026	0.01650	1.42659E-07	2.6449E-04
611001.43	4205805.03	1457.69495	0.00026	0.01628	1.40757E-07	2.5611E-04
611008.43	4205805.03	1413.25414	0.00025	0.01606	1.38855E-07	2.4830E-04
611015.43	4205805.03	1371.82434	0.00024	0.01585	1.37039E-07	2.4103E-04
611022.43	4205805.03	1333.09745	0.00023	0.01564	1.35223E-07	2.3422E-04
611029.43	4205805.03	1296.84336	0.00023	0.01544	1.33494E-07	2.2786E-04
611036.43	4205805.03	1262.83435	0.00022	0.01524	1.31765E-07	2.2188E-04
611043.43	4205805.03	1230.8425	0.00022	0.01505	1.30122E-07	2.1626E-04
611050.43	4205805.03	1200.70573	0.00021	0.01486	1.28479E-07	2.1097E-04
611057.43	4205805.03	1172.24655	0.00021	0.01468	1.26923E-07	2.0597E-04
611064.43	4205805.03	1145.34742	0.00020	0.01450	1.25367E-07	2.0125E-04
611071.43	4205805.03	1119.83584	0.00020	0.01432	1.23811E-07	1.9676E-04
611078.43	4205805.03	1095.60647	0.00019	0.01415	1.22341E-07	1.9251E-04
611085.43	4205805.03	1072.54391	0.00019	0.01398	1.20871E-07	1.8846E-04
611092.43	4205805.03	1050.58891	0.00018	0.01382	1.19488E-07	1.8460E-04
610294.43	4205812.03	8287.46713	0.00146	0.10552	9.12325E-07	1.4562E-03
610301.43	4205812.03	8526.26019	0.00150	0.10456	9.04025E-07	1.4981E-03
610308.43	4205812.03	8793.77704	0.00154	0.10388	8.98146E-07	1.5451E-03
610315.43	4205812.03	9045.97158	0.00159	0.10293	8.89932E-07	1.5893E-03
610322.43	4205812.03	9305.26074	0.00163	0.10198	8.81719E-07	1.6349E-03
610329.43	4205812.03	9571.08356	0.00168	0.10098	8.73073E-07	1.6815E-03
610336.43	4205812.03	9843.69424	0.00173	0.09997	8.64340E-07	1.7294E-03
610343.43	4205812.03	10123.46952	0.00178	0.09897	8.55694E-07	1.7785E-03
610350.43	4205812.03	10409.54232	0.00183	0.09792	8.46616E-07	1.8287E-03
610357.43	4205812.03	10702.64343	0.00188	0.09681	8.37019E-07	1.8802E-03
610364.43	4205812.03	11001.65837	0.00193	0.09569	8.27335E-07	1.9327E-03
610371.43	4205812.03	11307.37635	0.00199	0.09456	8.17565E-07	1.9864E-03
610378.43	4205812.03	11618.51849	0.00204	0.09341	8.07622E-07	2.0410E-03
610385.43	4205812.03	11935.798	0.00210	0.09225	7.97593E-07	2.0967E-03
610392.43	4205812.03	12257.84589	0.00215	0.09108	7.87477E-07	2.1532E-03
610399.43	4205812.03	12585.21243	0.00221	0.08990	7.77275E-07	2.2107E-03
610406.43	4205812.03	12916.30149	0.00227	0.08871	7.66986E-07	2.2688E-03
610413.43	4205812.03	13251.66156	0.00233	0.08751	7.56611E-07	2.3277E-03
610420.43	4205812.03	13589.53479	0.00239	0.08629	7.46063E-07	2.3870E-03
610427.43	4205812.03	13930.11617	0.00245	0.08508	7.35601E-07	2.4468E-03
610434.43	4205812.03	14271.53801	0.00251	0.08385	7.24967E-07	2.5068E-03
610441.43	4205812.03	14613.3387	0.00257	0.08261	7.14246E-07	2.5668E-03
610448.43	4205812.03	14955.01455	0.00263	0.08138	7.03611E-07	2.6268E-03
610455.43	4205812.03	15294.31339	0.00269	0.08014	6.92890E-07	2.6863E-03
610462.43	4205812.03	15630.88635	0.00274	0.07890	6.82169E-07	2.7454E-03
610469.43	4205812.03	15962.3973	0.00280	0.07763	6.71189E-07	2.8036E-03
610476.43	4205812.03	16288.40963	0.00286	0.07637	6.60295E-07	2.8609E-03
610483.43	4205812.03	16606.14722	0.00292	0.07510	6.49314E-07	2.9167E-03
610490.43	4205812.03	16915.15037	0.00297	0.07383	6.38334E-07	2.9709E-03
610504.43	4205812.03	17487.90495	0.00307	0.07123	6.15854E-07	3.0715E-03
610511.43	4205812.03	17752.90594	0.00312	0.06993	6.04614E-07	3.1180E-03
610518.43	4205812.03	18000.86922	0.00316	0.06863	5.93375E-07	3.1615E-03
610525.43	4205812.03	18230.02327	0.00320	0.06733	5.82135E-07	3.2017E-03
610532.43	4205812.03	18438.39165	0.00324	0.06604	5.70982E-07	3.2383E-03
610539.43	4205812.03	18623.97467	0.00327	0.06476	5.59915E-07	3.2709E-03
610546.43	4205812.03	18784.94632	0.00330	0.06348	5.48848E-07	3.2991E-03
610553.43	4205812.03	18919.49012	0.00332	0.06220	5.37781E-07	3.3228E-03
610560.43	4205812.03	19025.84515	0.00334	0.06094	5.26887E-07	3.3414E-03
610567.43	4205812.03	19105.08473	0.00335	0.05969	5.16079E-07	3.3553E-03
610574.43	4205812.03	19155.61561	0.00336	0.05846	5.05445E-07	3.3642E-03
610581.43	4205812.03	19173.20604	0.00337	0.05724	4.94897E-07	3.3673E-03
610588.43	4205812.03	19157.28545	0.00336	0.05603	4.84435E-07	3.3645E-03
610595.43	4205812.03	19107.54755	0.00336	0.05482	4.73973E-07	3.3557E-03
610602.43	4205812.03	19021.98587	0.00334	0.05363	4.63685E-07	3.3407E-03
610609.43	4205812.03	18900.64984	0.00332	0.05245	4.53482E-07	3.3194E-03
610616.43	4205812.03	18744.00898	0.00329	0.05128	4.43367E-07	3.2918E-03
610623.43	4205812.03	18550.49728	0.00326	0.05012	4.33337E-07	3.2579E-03
610630.43	4205812.03	18321.01367	0.00322	0.04898	4.23481E-07	3.2176E-03
610637.43	4205812.03	18056.12725	0.00317	0.04785	4.13711E-07	3.1710E-03
610644.43	4205812.03	17757.92837	0.00312	0.04673	4.04027E-07	3.1187E-03
610651.43	4205812.03	17425.45419	0.00306	0.04563	3.94517E-07	3.0603E-03
610672.43	4205812.03	16243.60279	0.00285	0.04245	3.67022E-07	2.8527E-03
610679.43	4205812.03	15794.22774	0.00277	0.04142	3.58117E-07	2.7738E-03
610686.43	4205812.03	15322.39857	0.00269	0.04042	3.49471E-07	2.6909E-03
610693.43	4205812.03	14829.2584	0.00260	0.03943	3.40912E-07	2.6043E-03
610700.43	4205812.03	14319.56382	0.00251	0.03847	3.32611E-07	2.5148E-03
610707.43	4205812.03	13794.71212	0.00242	0.03753	3.24484E-07	2.4226E-03
610714.43	4205812.03	13258.9268	0.00233	0.03661	3.16530E-07	2.3286E-03
610721.43	4205812.03	12707.20898	0.00223	0.03571	3.08748E-07	2.2317E-03
610728.43	4205812.03	12149.20031	0.00213	0.03484	3.01226E-07	2.1337E-03
610756.43	4205812.03	9928.42438	0.00174	0.03159	2.73127E-07	1.7437E-03
610763.43	4205812.03	9390.96934	0.00165	0.03084	2.66642E-07	1.6493E-03
610770.43	4205812.03	8866.01037	0.00156	0.03011	2.60331E-07	1.5571E-03
610777.43	4205812.03	8356.001	0.00147	0.02941	2.54279E-07	1.4675E-03
610784.43	4205812.03	7863.10284	0.00138	0.02873	2.48399E-07	1.3810E-03
610791.43	4205812.03	7389.02612	0.00130	0.02808	2.42780E-07	1.2977E-03
610798.43	4205812.03	6935.14125	0.00122	0.02745	2.37333E-07	1.2180E-03
610805.43	4205812.03	6502.52049	0.00114	0.02684	2.32059E-07	1.1421E-03
610812.43	4205812.03	6092.10131	0.00107	0.02626	2.27044E-07	1.0700E-03
610819.43	4205812.03	5704.34041	0.00100	0.02569	2.22116E-07	1.0019E-03
610826.43	4205812.03	5339.42256	0.00094	0.02515	2.17447E-07	9.3781E-04
610833.43	4205812.03	4997.41849	0.00088	0.02463	2.12951E-07	8.7775E-04
610840.43	4205812.03	4678.06894	0.00082	0.02413	2.08628E-07	8.2167E-04
610847.43	4205812.03	4380.77652	0.00077	0.02365	2.04478E-07	7.6946E-04
610854.43	4205812.03	4104.90087	0.00072	0.02319	2.00501E-07	7.2101E-04
610861.43	4205812.03	3849.60827	0.00068	0.02274	1.96610E-07	6.7618E-04
610868.43	4205812.03	3613.93857	0.00063	0.02231	1.92892E-07	6.3479E-04
610875.43	4205812.03	3396.85112	0.00060	0.02190	1.89347E-07	5.9667E-04
610882.43	4205812.03	3197.25987	0.00056	0.02150	1.85889E-07	5.6162E-04
610889.43	4205812.03	3013.9884	0.00053	0.02112	1.82603E-07	5.2943E-04

610910.43	4205812.03	2550.65543	0.00045	0.02005	1.73352E-07	4.4806E-04
610917.43	4205812.03	2421.46789	0.00043	0.01972	1.70499E-07	4.2537E-04
610924.43	4205812.03	2303.05943	0.00040	0.01940	1.67732E-07	4.0458E-04
610931.43	4205812.03	2194.62377	0.00039	0.01910	1.65139E-07	3.8554E-04
610938.43	4205812.03	2095.20403	0.00037	0.01880	1.62545E-07	3.6808E-04
610945.43	4205812.03	2003.96621	0.00035	0.01851	1.60037E-07	3.5205E-04
610952.43	4205812.03	1920.1709	0.00034	0.01823	1.57616E-07	3.3734E-04
610959.43	4205812.03	1843.08753	0.00032	0.01796	1.55282E-07	3.2380E-04
610966.43	4205812.03	1772.12789	0.00031	0.01770	1.53034E-07	3.1133E-04
610973.43	4205812.03	1706.7021	0.00030	0.01744	1.50786E-07	2.9984E-04
610980.43	4205812.03	1646.24358	0.00029	0.01719	1.48625E-07	2.8923E-04
610987.43	4205812.03	1590.28353	0.00028	0.01695	1.46550E-07	2.7940E-04
610994.43	4205812.03	1538.41058	0.00027	0.01672	1.44561E-07	2.7029E-04
611001.43	4205812.03	1490.18896	0.00026	0.01649	1.42572E-07	2.6182E-04
611008.43	4205812.03	1445.31619	0.00025	0.01627	1.40670E-07	2.5393E-04
611015.43	4205812.03	1403.44765	0.00025	0.01605	1.38768E-07	2.4658E-04
611022.43	4205812.03	1364.32053	0.00024	0.01584	1.36953E-07	2.3971E-04
611029.43	4205812.03	1327.62359	0.00023	0.01564	1.35223E-07	2.3326E-04
611036.43	4205812.03	1293.17262	0.00023	0.01544	1.33494E-07	2.2721E-04
611043.43	4205812.03	1260.78056	0.00022	0.01524	1.31765E-07	2.2152E-04
611050.43	4205812.03	1230.2421	0.00022	0.01505	1.30122E-07	2.1616E-04
611057.43	4205812.03	1201.39248	0.00021	0.01486	1.28479E-07	2.1109E-04
611064.43	4205812.03	1174.07697	0.00021	0.01468	1.26923E-07	2.0629E-04
611071.43	4205812.03	1148.16682	0.00020	0.01450	1.25367E-07	2.0174E-04
611078.43	4205812.03	1123.54341	0.00020	0.01433	1.23897E-07	1.9742E-04
611085.43	4205812.03	1100.1195	0.00019	0.01415	1.22341E-07	1.9330E-04
611092.43	4205812.03	1077.75369	0.00019	0.01398	1.20871E-07	1.8937E-04
610294.43	4205819.03	8353.51542	0.00147	0.10817	9.35237E-07	1.4678E-03
610301.43	4205819.03	8599.46071	0.00151	0.10747	9.29185E-07	1.5110E-03
610308.43	4205819.03	8874.36456	0.00156	0.10655	9.21231E-07	1.5592E-03
610315.43	4205819.03	9134.72396	0.00160	0.10558	9.12844E-07	1.6050E-03
610322.43	4205819.03	9402.20765	0.00165	0.10458	9.04198E-07	1.6519E-03
610329.43	4205819.03	9677.48385	0.00170	0.10359	8.95639E-07	1.7002E-03
610336.43	4205819.03	9959.9206	0.00175	0.10256	8.86733E-07	1.7498E-03
610343.43	4205819.03	10250.18029	0.00180	0.10153	8.77828E-07	1.8008E-03
610350.43	4205819.03	10547.48273	0.00185	0.10041	8.68144E-07	1.8530E-03
610357.43	4205819.03	10852.53134	0.00191	0.09929	8.58461E-07	1.9065E-03
610364.43	4205819.03	11164.43192	0.00196	0.09814	8.48518E-07	1.9613E-03
610371.43	4205819.03	11483.76806	0.00202	0.09698	8.38489E-07	2.0174E-03
610378.43	4205819.03	11809.49861	0.00207	0.09581	8.28373E-07	2.0746E-03
610385.43	4205819.03	12141.85007	0.00213	0.09462	8.18084E-07	2.1329E-03
610392.43	4205819.03	12480.78862	0.00219	0.09342	8.07709E-07	2.1924E-03
610399.43	4205819.03	12825.13113	0.00225	0.09220	7.97161E-07	2.2529E-03
610406.43	4205819.03	13175.28587	0.00231	0.09098	7.86613E-07	2.3143E-03
610413.43	4205819.03	13529.66078	0.00238	0.08975	7.75978E-07	2.3766E-03
610420.43	4205819.03	13888.6286	0.00244	0.08851	7.65257E-07	2.4396E-03
610427.43	4205819.03	14250.39882	0.00250	0.08726	7.54450E-07	2.5031E-03
610434.43	4205819.03	14615.20552	0.00257	0.08600	7.43556E-07	2.5671E-03
610441.43	4205819.03	14980.89172	0.00263	0.08473	7.32575E-07	2.6313E-03
610448.43	4205819.03	15347.48274	0.00269	0.08347	7.21681E-07	2.6957E-03
610455.43	4205819.03	15712.69685	0.00276	0.08219	7.10614E-07	2.7598E-03
610462.43	4205819.03	16076.28773	0.00282	0.08090	6.99461E-07	2.8237E-03
610469.43	4205819.03	16435.70529	0.00289	0.07960	6.88221E-07	2.8868E-03
610476.43	4205819.03	16789.83607	0.00295	0.07830	6.76981E-07	2.9489E-03
610483.43	4205819.03	17137.63023	0.00301	0.07699	6.65655E-07	3.0100E-03
610490.43	4205819.03	17476.15011	0.00307	0.07568	6.54329E-07	3.0694E-03
610504.43	4205819.03	18109.28955	0.00318	0.07299	6.31071E-07	3.1806E-03
610511.43	4205819.03	18404.23698	0.00323	0.07165	6.19486E-07	3.2324E-03
610518.43	4205819.03	18682.87092	0.00328	0.07031	6.07900E-07	3.2813E-03
610525.43	4205819.03	18941.63109	0.00333	0.06897	5.96314E-07	3.3267E-03
610532.43	4205819.03	19178.82638	0.00337	0.06764	5.84815E-07	3.3683E-03
610539.43	4205819.03	19393.12397	0.00341	0.06631	5.73316E-07	3.4060E-03
610546.43	4205819.03	19580.85194	0.00344	0.06499	5.61903E-07	3.4389E-03
610553.43	4205819.03	19740.74235	0.00347	0.06367	5.50491E-07	3.4670E-03
610560.43	4205819.03	19871.38921	0.00349	0.06236	5.39164E-07	3.4899E-03
610567.43	4205819.03	19972.75179	0.00351	0.06108	5.28097E-07	3.5077E-03
610574.43	4205819.03	20043.34905	0.00352	0.05981	5.17117E-07	3.5201E-03
610581.43	4205819.03	20078.97979	0.00353	0.05855	5.06223E-07	3.5263E-03
610588.43	4205819.03	20078.27411	0.00353	0.05730	4.95416E-07	3.5262E-03
610595.43	4205819.03	20040.01558	0.00352	0.05606	4.84694E-07	3.5195E-03
610602.43	4205819.03	19963.23907	0.00351	0.05483	4.74060E-07	3.5060E-03
610609.43	4205819.03	19847.27905	0.00349	0.05361	4.63512E-07	3.4856E-03
610616.43	4205819.03	19691.58448	0.00346	0.05240	4.53050E-07	3.4583E-03
610623.43	4205819.03	19496.14558	0.00342	0.05121	4.42761E-07	3.4239E-03
610630.43	4205819.03	19260.94469	0.00338	0.05003	4.32559E-07	3.3826E-03
610637.43	4205819.03	18986.49358	0.00333	0.04886	4.22443E-07	3.3344E-03
610644.43	4205819.03	18674.45321	0.00328	0.04771	4.12500E-07	3.2796E-03
610651.43	4205819.03	18324.53279	0.00322	0.04658	4.02730E-07	3.2182E-03
610658.43	4205819.03	17938.84798	0.00315	0.04546	3.93047E-07	3.1504E-03
610679.43	4205819.03	16591.57535	0.00291	0.04224	3.65207E-07	2.9138E-03
610686.43	4205819.03	16086.86874	0.00282	0.04120	3.56215E-07	2.8252E-03
610693.43	4205819.03	15560.60862	0.00273	0.04019	3.47483E-07	2.7328E-03
610700.43	4205819.03	15014.5121	0.00264	0.03920	3.38923E-07	2.6369E-03
610707.43	4205819.03	14454.01647	0.00254	0.03823	3.30536E-07	2.5384E-03
610714.43	4205819.03	13873.24178	0.00244	0.03728	3.22323E-07	2.4364E-03
610721.43	4205819.03	13281.38843	0.00233	0.03636	3.14368E-07	2.3325E-03
610749.43	4205819.03	10896.07382	0.00191	0.03292	2.84626E-07	1.9136E-03
610756.43	4205819.03	10312.31808	0.00181	0.03212	2.77709E-07	1.8111E-03
610763.43	4205819.03	9740.13259	0.00171	0.03135	2.71052E-07	1.7106E-03
610770.43	4205819.03	9182.27463	0.00161	0.03060	2.64567E-07	1.6127E-03
610777.43	4205819.03	8641.38293	0.00152	0.02988	2.58342E-07	1.5177E-03
610784.43	4205819.03	8119.54867	0.00143	0.02919	2.52377E-07	1.4260E-03
610791.43	4205819.03	7618.80756	0.00134	0.02852	2.46584E-07	1.3381E-03
610798.43	4205819.03	7140.42847	0.00125	0.02788	2.41050E-07	1.2541E-03
610805.43	4205819.03	6685.54351	0.00117	0.02726	2.35690E-07	1.1742E-03
610812.43	4205819.03	6254.98984	0.00110	0.02666	2.30502E-07	1.0986E-03
610819.43	4205819.03	5849.23664	0.00103	0.02609	2.25574E-07	1.0273E-03
610826.43	4205819.03	5468.40613	0.00096	0.02553	2.20732E-07	9.6046E-04
610833.43	4205819.03	5112.35015	0.00090	0.02500	2.16150E-07	8.9793E-04
610840.43	4205819.03	4780.75043	0.00084	0.02449	2.11740E-07	8.3970E-04
610847.43	4205819.03	4472.88062	0.00079	0.02400	2.07504E-07	7.8564E-04
610854.43	4205819.03	4187.9011	0.00074	0.02353	2.03440E-07	7.3559E-04
610861.43	4205819.03	3924.8783	0.00069	0.02307	1.99463E-07	6.8940E-04
610868.43	4205819.03	3682.64804	0.00065	0.02264	1.95745E-07	6.4686E-04
610875.43	4205819.03	3460.0309	0.00061	0.02222	1.92114E-07	6.0777E-04
610882.43	4205819.03	3255.75498	0.00057	0.02181	1.88569E-07	5.7189E-04
610889.43	4205819.03	3068.59005	0.00054	0.02142	1.85197E-07	5.3902E-04
610910.43	4205819.03	2597.13807	0.00046	0.02034	1.75860E-07	4.5623E-04
610917.43	4205819.03	2466.02159	0.00043	0.02000	1.72920E-07	4.3320E-04
610924.43	4205819.03	2346.0669	0.00041	0.01968	1.70153E-07	4.1213E-04
610931.43	4205819.03	2236.32893	0.00039	0.01936	1.67386E-07	3.9286E-04
610938.43	4205819.03	2135.79956	0.00038	0.01906	1.64793E-07	3.7521E-04
610945.43	4205819.03	2043.61519	0.00036	0.01876	1.62199E-07	3.5902E-04
610952.43	4205819.03	1959.01308	0.00034	0.01848	1.59778E-07	3.4416E-04
610959.43	4205819.03	1881.23811	0.00033	0.01820	1.57357E-07	3.3050E-04
610966.43	4205819.03	1809.59057	0.00032	0.01794	1.55109E-07	3.1792E-04
610973.43	4205819.03	1743.53256	0.00031	0.01768	1.52861E-07	3.0631E-04
610980.43	4205819.03	1682.50905	0.00030	0.01743	1.50700E-07	2.9560E-04
610987.43	4205819.03	1626.01735	0.00029	0.01718	1.48538E-07	2.8567E-04
610994.43	4205819.03	1573.62852	0.00028	0.01694	1.46463E-07	2.7647E-04
611001.43	4205819.03	1524.93963	0.00027	0.01671	1.44475E-07	2.6792E-04
611008.43	4205819.03	1479.57872	0.00026	0.01649	1.42572E-07	2.5995E-04
611015.43	4205819.03	1437.24629	0.00025	0.01627	1.40670E-07	2.5252E-04
611022.43	4205819.03	1397.62321	0.00025	0.01605	1.38768E-07	2.4556E-04
611029.43	4205819.03	1360.49832	0.00024	0.01584	1.36953E-07	2.3904E-04
611036.43	4205819.03	1325.59998	0.00023	0.01564	1.35223E-07	2.3291E-04
611043.43	4205819.03	1292.75974	0.00023	0.01544	1.33494E-07	2.2714E-04
611050.43	4205819.03	1261.7778	0.00022	0.01524	1.31765E-07	2.2170E-04
611057.43	4205819.03	1232.4908	0.00022	0.01505	1.30122E-07	2.1655E-04
611064.43	4205819.03	1204.75328	0.00021	0.01487	1.28566E-07	2.1168E-04
611071.43	4205819.03	1178.41348	0.00021	0.01468	1.26923E-07	2.0705E-04
611078.43	4205819.03	1153.3626	0.00020	0.01451	1.25453E-07	2.0265E-04
611085.43	4205819.03	1129.50554	0.00020	0.01433	1.23897E-07	1.9846E-04
611092.43	4205819.03	1106.74777	0.00019	0.01416	1.22427E-07	1.9446E-04
610294.43	4205826.03	8415.38976	0.00148	0.11117	9.61175E-07	1.4787E-03
610301.43	4205826.03	8690.26135	0.00153	0.11024	9.53134E-07	1.5269E-03
610308.43	4205826.03	8950.24171	0.00157	0.10927	9.44748E-07	1.5726E-03
610315.43	4205826.03	9217.76793	0.00162	0.10827	9.36102E-07	1.6196E-03
610322.43	4205826.03	9493.65995	0.00167	0.10726	9.27369E-07	1.6680E-03
610329.43	4205826.03	9777.69412	0.00172	0.10622	9.18378E-07	1.7179E-03
610336.43	4205826.03	10069.81482	0.00177	0.10519	9.09472E-07	1.7691E-03
610343.43	4205826.03	10370.18207	0.00182	0.10411	9.00135E-07	1.8219E-03
610350.43	4205826.03	10679.14267	0.00188	0.10298	8.90365E-07	1.8761E-03
610357.43	4205826.03	10995.81732	0.00193	0.10182	8.80335E-07	1.9317E-03
610364.43	4205826.03	11321.06074	0.00199	0.10065	8.70219E-07	1.9888E-03
610371.43	4205826.03	11653.77528	0.00205	0.09946	8.59931E-07	2.0472E-03
610378.43	4205826.03	11994.81102	0.00211	0.09826	8.49555E-07	2.1071E-03
610385.43	4205826.03	12343.30594	0.00217	0.09705	8.39094E-07	2.1683E-03
610392.43	4205826.03	12698.69199	0.00223	0.09582	8.28459E-07	2.2307E-03

610399.43	4205826.03	13061.41664	0.00229	0.09458	8.17738E-07	2.2944E-03
610406.43	4205826.03	13430.11533	0.00236	0.09332	8.06844E-07	2.3591E-03
610413.43	4205826.03	13805.18123	0.00242	0.09206	7.95950E-07	2.4250E-03
610420.43	4205826.03	14185.05573	0.00249	0.09078	7.84883E-07	2.4916E-03
610427.43	4205826.03	14569.97934	0.00256	0.08950	7.73817E-07	2.5592E-03
610434.43	4205826.03	14958.00477	0.00263	0.08821	7.62663E-07	2.6274E-03
610441.43	4205826.03	15349.29439	0.00270	0.08691	7.51423E-07	2.6961E-03
610448.43	4205826.03	15742.23123	0.00276	0.08561	7.40184E-07	2.7650E-03
610455.43	4205826.03	16134.9437	0.00283	0.08430	7.28857E-07	2.8340E-03
610462.43	4205826.03	16527.21111	0.00290	0.08297	7.17358E-07	2.9029E-03
610469.43	4205826.03	16916.35425	0.00297	0.08163	7.05773E-07	2.9712E-03
610476.43	4205826.03	17301.8923	0.00304	0.08029	6.94187E-07	3.0389E-03
610483.43	4205826.03	17680.89432	0.00310	0.07894	6.82515E-07	3.1054E-03
610490.43	4205826.03	18052.39601	0.00317	0.07759	6.70843E-07	3.1706E-03
610504.43	4205826.03	18752.03081	0.00329	0.07482	6.46893E-07	3.2935E-03
610511.43	4205826.03	19080.73589	0.00335	0.07343	6.34875E-07	3.3512E-03
610518.43	4205826.03	19392.39762	0.00341	0.07205	6.22944E-07	3.4059E-03
610525.43	4205826.03	19685.25355	0.00346	0.07067	6.11012E-07	3.4573E-03
610532.43	4205826.03	19955.57784	0.00350	0.06930	5.99167E-07	3.5048E-03
610539.43	4205826.03	20201.24737	0.00355	0.06792	5.87236E-07	3.5479E-03
610546.43	4205826.03	20420.12218	0.00359	0.06656	5.75477E-07	3.5863E-03
610553.43	4205826.03	20610.18261	0.00362	0.06520	5.63719E-07	3.6197E-03
610560.43	4205826.03	20767.83053	0.00365	0.06385	5.52047E-07	3.6473E-03
610567.43	4205826.03	20895.02826	0.00367	0.06252	5.40548E-07	3.6697E-03
610574.43	4205826.03	20989.70823	0.00369	0.06122	5.29308E-07	3.6863E-03
610581.43	4205826.03	21045.93946	0.00370	0.05991	5.17982E-07	3.6961E-03
610588.43	4205826.03	21063.35518	0.00370	0.05862	5.06828E-07	3.6992E-03
610595.43	4205826.03	21039.17325	0.00369	0.05734	4.95761E-07	3.6949E-03
610602.43	4205826.03	20972.85275	0.00368	0.05607	4.84781E-07	3.6833E-03
610609.43	4205826.03	20864.08529	0.00366	0.05482	4.73973E-07	3.6642E-03
610616.43	4205826.03	20710.95105	0.00364	0.05357	4.63166E-07	3.6373E-03
610623.43	4205826.03	20514.61863	0.00360	0.05234	4.52531E-07	3.6028E-03
610630.43	4205826.03	20273.54521	0.00356	0.05112	4.41983E-07	3.5604E-03
610637.43	4205826.03	19989.68302	0.00351	0.04991	4.31522E-07	3.5106E-03
610644.43	4205826.03	19662.67924	0.00345	0.04873	4.21319E-07	3.4531E-03
610651.43	4205826.03	19294.38399	0.00339	0.04756	4.11204E-07	3.3885E-03
610658.43	4205826.03	18887.16947	0.00332	0.04641	4.01261E-07	3.3169E-03
610686.43	4205826.03	16911.83294	0.00297	0.04201	3.63218E-07	2.9700E-03
610693.43	4205826.03	16348.49154	0.00287	0.04097	3.54226E-07	2.8711E-03
610700.43	4205826.03	15763.44554	0.00277	0.03995	3.45408E-07	2.7684E-03
610707.43	4205826.03	15157.28037	0.00266	0.03895	3.36762E-07	2.6619E-03
610742.43	4205826.03	11976.23208	0.00210	0.03433	2.96817E-07	2.1033E-03
610749.43	4205826.03	11343.01883	0.00199	0.03349	2.89554E-07	1.9921E-03
610756.43	4205826.03	10719.8998	0.00188	0.03267	2.82465E-07	1.8827E-03
610763.43	4205826.03	10110.0062	0.00178	0.03188	2.75634E-07	1.7756E-03
610770.43	4205826.03	9516.45276	0.00167	0.03111	2.68977E-07	1.6713E-03
610777.43	4205826.03	8942.0377	0.00157	0.03037	2.62579E-07	1.5705E-03
610784.43	4205826.03	8389.02825	0.00147	0.02966	2.56440E-07	1.4734E-03
610791.43	4205826.03	7859.71269	0.00138	0.02898	2.50561E-07	1.3804E-03
610798.43	4205826.03	7355.18142	0.00129	0.02832	2.44855E-07	1.2918E-03
610805.43	4205826.03	6876.53634	0.00121	0.02769	2.39408E-07	1.2077E-03
610812.43	4205826.03	6424.57531	0.00113	0.02708	2.34134E-07	1.1284E-03
610819.43	4205826.03	5999.86611	0.00105	0.02649	2.29032E-07	1.0538E-03
610826.43	4205826.03	5602.25969	0.00098	0.02592	2.24104E-07	9.8397E-04
610833.43	4205826.03	5231.58162	0.00092	0.02538	2.19435E-07	9.1887E-04
610840.43	4205826.03	4887.20431	0.00086	0.02486	2.14939E-07	8.5840E-04
610847.43	4205826.03	4568.36473	0.00080	0.02436	2.10616E-07	8.0241E-04
610854.43	4205826.03	4274.04006	0.00075	0.02388	2.06466E-07	7.5072E-04
610861.43	4205826.03	4003.02766	0.00070	0.02342	2.02489E-07	7.0313E-04
610868.43	4205826.03	3754.10589	0.00066	0.02297	1.98599E-07	6.5941E-04
610875.43	4205826.03	3525.88867	0.00062	0.02254	1.94881E-07	6.1933E-04
610882.43	4205826.03	3316.9605	0.00058	0.02213	1.91336E-07	5.8264E-04
610889.43	4205826.03	3125.89075	0.00055	0.02173	1.87877E-07	5.4909E-04
610910.43	4205826.03	2646.33468	0.00046	0.02063	1.78367E-07	4.6487E-04
610917.43	4205826.03	2513.37393	0.00044	0.02029	1.75427E-07	4.4152E-04
610924.43	4205826.03	2391.90478	0.00042	0.01995	1.72488E-07	4.2019E-04
610931.43	4205826.03	2280.82565	0.00040	0.01964	1.69807E-07	4.0068E-04
610938.43	4205826.03	2179.16732	0.00038	0.01933	1.67127E-07	3.8282E-04
610945.43	4205826.03	2086.04814	0.00037	0.01903	1.64533E-07	3.6647E-04
610952.43	4205826.03	2000.54374	0.00035	0.01874	1.62026E-07	3.5145E-04
610959.43	4205826.03	1921.99842	0.00034	0.01846	1.59605E-07	3.3766E-04
610966.43	4205826.03	1849.6896	0.00032	0.01819	1.57271E-07	3.2496E-04
610973.43	4205826.03	1783.00006	0.00031	0.01792	1.54936E-07	3.1325E-04
610980.43	4205826.03	1721.37689	0.00030	0.01767	1.52775E-07	3.0242E-04
610987.43	4205826.03	1664.31485	0.00029	0.01742	1.50613E-07	2.9240E-04
610994.43	4205826.03	1611.35694	0.00028	0.01717	1.48452E-07	2.8310E-04
611001.43	4205826.03	1562.1167	0.00027	0.01694	1.46463E-07	2.7445E-04
611008.43	4205826.03	1516.25319	0.00027	0.01671	1.44475E-07	2.6640E-04
611015.43	4205826.03	1473.41673	0.00026	0.01648	1.42486E-07	2.5887E-04
611022.43	4205826.03	1433.30583	0.00025	0.01627	1.40670E-07	2.5183E-04
611029.43	4205826.03	1395.66775	0.00025	0.01605	1.38768E-07	2.4521E-04
611036.43	4205826.03	1360.31714	0.00024	0.01584	1.36953E-07	2.3901E-04
611043.43	4205826.03	1327.00564	0.00023	0.01564	1.35223E-07	2.3315E-04
611050.43	4205826.03	1295.5422	0.00023	0.01544	1.33494E-07	2.2763E-04
611057.43	4205826.03	1265.77518	0.00022	0.01525	1.31851E-07	2.2240E-04
611064.43	4205826.03	1237.54835	0.00022	0.01506	1.30209E-07	2.1744E-04
611071.43	4205826.03	1210.74741	0.00021	0.01487	1.28566E-07	2.1273E-04
611078.43	4205826.03	1185.25291	0.00021	0.01469	1.27010E-07	2.0825E-04
611085.43	4205826.03	1160.94665	0.00020	0.01451	1.25453E-07	2.0399E-04
610294.43	4205833.03	8495.89441	0.00149	0.11407	9.86249E-07	1.4928E-03
610301.43	4205833.03	8754.43927	0.00154	0.11309	9.77776E-07	1.5382E-03
610308.43	4205833.03	9021.16676	0.00158	0.11210	9.69216E-07	1.5851E-03
610315.43	4205833.03	9296.84055	0.00163	0.11108	9.60397E-07	1.6335E-03
610322.43	4205833.03	9580.73225	0.00168	0.11004	9.51405E-07	1.6833E-03
610329.43	4205833.03	9873.3691	0.00173	0.10898	9.42241E-07	1.7347E-03
610336.43	4205833.03	10174.90338	0.00179	0.10789	9.32816E-07	1.7876E-03
610343.43	4205833.03	10485.32496	0.00184	0.10679	9.23306E-07	1.8421E-03
610350.43	4205833.03	10805.53882	0.00190	0.10563	9.13276E-07	1.8983E-03
610357.43	4205833.03	11134.39835	0.00196	0.10445	9.03074E-07	1.9561E-03
610364.43	4205833.03	11472.59905	0.00201	0.10325	8.92699E-07	2.0155E-03
610371.43	4205833.03	11819.81838	0.00208	0.10204	8.82237E-07	2.0764E-03
610378.43	4205833.03	12175.29042	0.00214	0.10081	8.71603E-07	2.1388E-03
610385.43	4205833.03	12539.97361	0.00220	0.09957	8.60882E-07	2.2029E-03
610392.43	4205833.03	12912.51083	0.00227	0.09830	8.49901E-07	2.2683E-03
610399.43	4205833.03	13293.54728	0.00233	0.09703	8.38921E-07	2.3352E-03
610406.43	4205833.03	13681.84071	0.00240	0.09575	8.27854E-07	2.4033E-03
610413.43	4205833.03	14077.78514	0.00247	0.09445	8.16614E-07	2.4728E-03
610420.43	4205833.03	14479.71685	0.00254	0.09314	8.05288E-07	2.5434E-03
610427.43	4205833.03	14888.1719	0.00261	0.09182	7.93875E-07	2.6151E-03
610434.43	4205833.03	15301.61759	0.00269	0.09050	7.82463E-07	2.6877E-03
610441.43	4205833.03	15718.63853	0.00276	0.08916	7.70877E-07	2.7609E-03
610448.43	4205833.03	16139.18197	0.00283	0.08782	7.59291E-07	2.8348E-03
610455.43	4205833.03	16560.91974	0.00291	0.08647	7.47619E-07	2.9088E-03
610462.43	4205833.03	16983.60381	0.00298	0.08510	7.35774E-07	2.9830E-03
610469.43	4205833.03	17404.4951	0.00306	0.08372	7.23843E-07	3.0569E-03
610476.43	4205833.03	17823.06845	0.00313	0.08234	7.11911E-07	3.1304E-03
610483.43	4205833.03	18236.68798	0.00320	0.08096	6.99980E-07	3.2030E-03
610490.43	4205833.03	18642.90552	0.00327	0.07956	6.87875E-07	3.2743E-03
610504.43	4205833.03	19415.41446	0.00341	0.07671	6.63234E-07	3.4100E-03
610511.43	4205833.03	19781.73141	0.00347	0.07528	6.50871E-07	3.4743E-03
610518.43	4205833.03	20131.23901	0.00354	0.07386	6.38593E-07	3.5356E-03
610525.43	4205833.03	20461.30296	0.00359	0.07244	6.26316E-07	3.5936E-03
610532.43	4205833.03	20769.04681	0.00365	0.07102	6.14039E-07	3.6476E-03
610539.43	4205833.03	21051.6546	0.00370	0.06961	6.01848E-07	3.6972E-03
610546.43	4205833.03	21306.23796	0.00374	0.06820	5.89657E-07	3.7419E-03
610553.43	4205833.03	21529.97513	0.00378	0.06680	5.77552E-07	3.7812E-03
610560.43	4205833.03	21720.26718	0.00381	0.06541	5.65535E-07	3.8146E-03
610567.43	4205833.03	21877.90153	0.00384	0.06404	5.53690E-07	3.8423E-03
610574.43	4205833.03	21999.10568	0.00386	0.06268	5.41931E-07	3.8635E-03
610581.43	4205833.03	22080.34441	0.00388	0.06134	5.30345E-07	3.8778E-03
610588.43	4205833.03	22117.99624	0.00388	0.06001	5.18846E-07	3.8844E-03
610595.43	4205833.03	22111.79562	0.00388	0.05868	5.07347E-07	3.8833E-03
610602.43	4205833.03	22058.49554	0.00387	0.05737	4.96021E-07	3.8739E-03
610609.43	4205833.03	21958.67641	0.00386	0.05607	4.84781E-07	3.8564E-03
610616.43	4205833.03	21809.98938	0.00383	0.05478	4.73628E-07	3.8303E-03
610623.43	4205833.03	21613.26512	0.00380	0.05350	4.62561E-07	3.7957E-03
610630.43	4205833.03	21367.15472	0.00375	0.05224	4.51667E-07	3.7525E-03
610637.43	4205833.03	21072.72935	0.00370	0.05100	4.40946E-07	3.7008E-03
610644.43	4205833.03	20731.08347	0.00364	0.04978	4.30398E-07	3.6408E-03
610651.43	4205833.03	20343.42671	0.00357	0.04857	4.19936E-07	3.5727E-03
610658.43	4205833.03	19910.82323	0.00350	0.04738	4.09647E-07	3.4967E-03
610665.43	4205833.03	19437.51877	0.00341	0.04621	3.99531E-07	3.4136E-03
610693.43	4205833.03	17193.48629	0.00302	0.04177	3.61143E-07	3.0195E-03
610700.43	4205833.03	16565.29524	0.00291	0.04072	3.52065E-07	2.9092E-03
610707.43	4205833.03	15912.85406	0.00279	0.03969	3.43160E-07	2.7946E-03
610728.43	4205833.03	13871.63767	0.00244	0.03676	3.17827E-07	2.4361E-03
610735.43	4205833.03	13183.22925	0.00231	0.03583	3.09786E-07	2.3153E-03
610742.43	4205833.03	12498.14361	0.00219	0.03494	3.02091E-07	2.1949E-03
610749.43	4205833.03	11820.27231	0.00208	0.03407	2.94569E-07	2.0759E-03

610756.43	4205833.03	11154.10437	0.00196	0.03323	2.87306E-07	1.9589E-03
610763.43	4205833.03	10503.29366	0.00184	0.03242	2.80303E-07	1.8446E-03
610770.43	4205833.03	9871.0128	0.00173	0.03164	2.73559E-07	1.7336E-03
610777.43	4205833.03	9260.30954	0.00163	0.03088	2.66988E-07	1.6264E-03
610784.43	4205833.03	8673.67668	0.00152	0.03015	2.60677E-07	1.5233E-03
610791.43	4205833.03	8113.38096	0.00142	0.02945	2.54625E-07	1.4249E-03
610798.43	4205833.03	7580.65206	0.00133	0.02878	2.48832E-07	1.3314E-03
610805.43	4205833.03	7076.55512	0.00124	0.02813	2.43212E-07	1.2429E-03
610812.43	4205833.03	6601.92645	0.00116	0.02750	2.37765E-07	1.1595E-03
610819.43	4205833.03	6157.00119	0.00108	0.02690	2.32577E-07	1.0814E-03
610826.43	4205833.03	5741.69861	0.00101	0.02633	2.27649E-07	1.0085E-03
610833.43	4205833.03	5355.57966	0.00094	0.02577	2.22807E-07	9.4065E-04
610840.43	4205833.03	4997.91602	0.00088	0.02524	2.18225E-07	8.7784E-04
610847.43	4205833.03	4667.63508	0.00082	0.02473	2.13815E-07	8.1984E-04
610854.43	4205833.03	4363.65341	0.00077	0.02424	2.09579E-07	7.6646E-04
610861.43	4205833.03	4084.54129	0.00072	0.02377	2.05515E-07	7.1744E-04
610868.43	4205833.03	3828.76702	0.00067	0.02331	2.01538E-07	6.7252E-04
610875.43	4205833.03	3594.85801	0.00063	0.02288	1.97820E-07	6.3145E-04
610882.43	4205833.03	3381.17828	0.00059	0.02246	1.94189E-07	5.9392E-04
610889.43	4205833.03	3186.20904	0.00056	0.02205	1.90644E-07	5.5968E-04
610910.43	4205833.03	2698.50884	0.00047	0.02093	1.80961E-07	4.7403E-04
610917.43	4205833.03	2563.67929	0.00045	0.02058	1.77935E-07	4.5035E-04
610924.43	4205833.03	2440.68718	0.00043	0.02024	1.74995E-07	4.2875E-04
610931.43	4205833.03	2328.28158	0.00041	0.01992	1.72228E-07	4.0901E-04
610938.43	4205833.03	2225.47335	0.00039	0.01960	1.69462E-07	3.9096E-04
610945.43	4205833.03	2131.39055	0.00037	0.01930	1.66868E-07	3.7443E-04
610952.43	4205833.03	2045.02406	0.00036	0.01900	1.64274E-07	3.5927E-04
610959.43	4205833.03	1965.70236	0.00035	0.01872	1.61853E-07	3.4533E-04
610966.43	4205833.03	1892.66831	0.00033	0.01844	1.59432E-07	3.3251E-04
610973.43	4205833.03	1825.28915	0.00032	0.01817	1.57098E-07	3.2067E-04
610980.43	4205833.03	1763.01555	0.00031	0.01791	1.54850E-07	3.0974E-04
610987.43	4205833.03	1705.3407	0.00030	0.01766	1.52688E-07	2.9961E-04
610994.43	4205833.03	1651.81802	0.00029	0.01741	1.50527E-07	2.9021E-04
611001.43	4205833.03	1602.03169	0.00028	0.01717	1.48452E-07	2.8146E-04
611008.43	4205833.03	1555.60342	0.00027	0.01694	1.46463E-07	2.7331E-04
611015.43	4205833.03	1512.18958	0.00027	0.01671	1.44475E-07	2.6568E-04
611022.43	4205833.03	1471.5647	0.00026	0.01648	1.42486E-07	2.5855E-04
611029.43	4205833.03	1433.42144	0.00025	0.01627	1.40670E-07	2.5185E-04
611036.43	4205833.03	1397.52608	0.00025	0.01606	1.38855E-07	2.4554E-04
611043.43	4205833.03	1363.67654	0.00024	0.01585	1.37039E-07	2.3960E-04
611050.43	4205833.03	1331.72343	0.00023	0.01565	1.35310E-07	2.3398E-04
611057.43	4205833.03	1301.43402	0.00023	0.01545	1.33581E-07	2.2866E-04
611064.43	4205833.03	1272.71224	0.00022	0.01525	1.31851E-07	2.2362E-04
611071.43	4205833.03	1245.41299	0.00022	0.01506	1.30209E-07	2.1882E-04
611078.43	4205833.03	1219.4163	0.00021	0.01488	1.28652E-07	2.1426E-04
611085.43	4205833.03	1194.62395	0.00021	0.01470	1.27096E-07	2.0990E-04
610294.43	4205840.03	8549.48156	0.00150	0.11704	1.01193E-06	1.5023E-03
610301.43	4205840.03	8814.44271	0.00155	0.11605	1.00337E-06	1.5488E-03
610308.43	4205840.03	9088.02085	0.00160	0.11503	9.94549E-07	1.5968E-03
610315.43	4205840.03	9370.92362	0.00165	0.11399	9.85557E-07	1.6465E-03
610322.43	4205840.03	9662.74411	0.00170	0.11290	9.76133E-07	1.6977E-03
610329.43	4205840.03	9964.33546	0.00175	0.11181	9.66709E-07	1.7507E-03
610336.43	4205840.03	10275.09204	0.00180	0.11070	9.57112E-07	1.8052E-03
610343.43	4205840.03	10596.00679	0.00186	0.10957	9.47342E-07	1.8616E-03
610350.43	4205840.03	10927.08387	0.00192	0.10838	9.37053E-07	1.9197E-03
610357.43	4205840.03	11268.52874	0.00198	0.10718	9.26678E-07	1.9797E-03
610364.43	4205840.03	11619.46016	0.00204	0.10595	9.16043E-07	2.0413E-03
610371.43	4205840.03	11980.73488	0.00210	0.10471	9.05322E-07	2.1047E-03
610378.43	4205840.03	12351.44779	0.00217	0.10345	8.94428E-07	2.1698E-03
610385.43	4205840.03	12732.37098	0.00224	0.10218	8.83448E-07	2.2367E-03
610392.43	4205840.03	13122.41678	0.00230	0.10089	8.72294E-07	2.3051E-03
610399.43	4205840.03	13522.2848	0.00237	0.09958	8.60968E-07	2.3753E-03
610406.43	4205840.03	13930.59879	0.00245	0.09826	8.49555E-07	2.4470E-03
610413.43	4205840.03	14347.97211	0.00252	0.09693	8.38056E-07	2.5203E-03
610420.43	4205840.03	14773.44966	0.00259	0.09559	8.26471E-07	2.5950E-03
610427.43	4205840.03	15205.57616	0.00267	0.09424	8.14799E-07	2.6709E-03
610434.43	4205840.03	15645.00074	0.00275	0.09288	8.03040E-07	2.7480E-03
610441.43	4205840.03	16089.37042	0.00283	0.09150	7.91109E-07	2.8260E-03
610448.43	4205840.03	16539.01904	0.00290	0.09013	7.79264E-07	2.9050E-03
610455.43	4205840.03	16991.39622	0.00298	0.08873	7.67159E-07	2.9844E-03
610462.43	4205840.03	17446.20893	0.00306	0.08733	7.55055E-07	3.0643E-03
610469.43	4205840.03	17901.45979	0.00314	0.08591	7.42777E-07	3.1442E-03
610476.43	4205840.03	18354.61358	0.00322	0.08448	7.30414E-07	3.2238E-03
610483.43	4205840.03	18805.02189	0.00330	0.08305	7.18050E-07	3.3028E-03
610490.43	4205840.03	19249.12655	0.00338	0.08162	7.05686E-07	3.3808E-03
610504.43	4205840.03	20101.62972	0.00353	0.07868	6.80267E-07	3.5305E-03
610511.43	4205840.03	20508.52263	0.00360	0.07721	6.67557E-07	3.6019E-03
610518.43	4205840.03	20899.91254	0.00367	0.07574	6.54848E-07	3.6706E-03
610525.43	4205840.03	21271.87152	0.00374	0.07428	6.42225E-07	3.7359E-03
610532.43	4205840.03	21621.40381	0.00380	0.07282	6.29601E-07	3.7973E-03
610539.43	4205840.03	21944.64968	0.00385	0.07136	6.16978E-07	3.8540E-03
610546.43	4205840.03	22239.61994	0.00391	0.06991	6.04442E-07	3.9058E-03
610553.43	4205840.03	22502.47458	0.00395	0.06846	5.91905E-07	3.9520E-03
610560.43	4205840.03	22729.25732	0.00399	0.06703	5.79541E-07	3.9918E-03
610567.43	4205840.03	22921.98562	0.00403	0.06561	5.67264E-07	4.0256E-03
610574.43	4205840.03	23075.05275	0.00405	0.06421	5.55159E-07	4.0525E-03
610581.43	4205840.03	23184.04605	0.00407	0.06282	5.43141E-07	4.0716E-03
610588.43	4205840.03	23247.36537	0.00408	0.06144	5.31210E-07	4.0827E-03
610595.43	4205840.03	23261.20049	0.00408	0.06007	5.19365E-07	4.0851E-03
610602.43	4205840.03	23225.1593	0.00408	0.05871	5.07606E-07	4.0788E-03
610609.43	4205840.03	23136.33108	0.00406	0.05737	4.96021E-07	4.0632E-03
610616.43	4205840.03	22994.92563	0.00404	0.05603	4.84435E-07	4.0383E-03
610623.43	4205840.03	22798.90383	0.00400	0.05472	4.73109E-07	4.0039E-03
610630.43	4205840.03	22549.53422	0.00396	0.05341	4.61783E-07	3.9601E-03
610637.43	4205840.03	22245.60893	0.00391	0.05213	4.50716E-07	3.9067E-03
610644.43	4205840.03	21888.23665	0.00384	0.05086	4.39735E-07	3.8440E-03
610651.43	4205840.03	21479.53178	0.00377	0.04962	4.29014E-07	3.7722E-03
610658.43	4205840.03	21021.56506	0.00369	0.04839	4.18380E-07	3.6918E-03
610665.43	4205840.03	20516.34259	0.00360	0.04718	4.07918E-07	3.6030E-03
610672.43	4205840.03	19969.06381	0.00351	0.04600	3.97716E-07	3.5069E-03
610721.43	4205840.03	15271.88066	0.00268	0.03841	3.32093E-07	2.6820E-03
610728.43	4205840.03	14532.43599	0.00255	0.03743	3.23620E-07	2.5522E-03
610735.43	4205840.03	13792.62223	0.00242	0.03649	3.15492E-07	2.4223E-03
610742.43	4205840.03	13056.96889	0.00229	0.03557	3.07538E-07	2.2931E-03
610749.43	4205840.03	12330.29793	0.00217	0.03467	2.99757E-07	2.1655E-03
610756.43	4205840.03	11617.02823	0.00204	0.03381	2.92321E-07	2.0402E-03
610763.43	4205840.03	10921.35246	0.00192	0.03298	2.85145E-07	1.9181E-03
610770.43	4205840.03	10246.94144	0.00180	0.03217	2.78142E-07	1.7996E-03
610777.43	4205840.03	9596.81139	0.00169	0.03140	2.71484E-07	1.6855E-03
610784.43	4205840.03	8973.74562	0.00158	0.03065	2.65000E-07	1.5760E-03
610791.43	4205840.03	8380.08792	0.00147	0.02994	2.58861E-07	1.4718E-03
610798.43	4205840.03	7817.11469	0.00137	0.02924	2.52809E-07	1.3729E-03
610805.43	4205840.03	7285.84075	0.00128	0.02858	2.47103E-07	1.2796E-03
610812.43	4205840.03	6787.00265	0.00119	0.02794	2.41569E-07	1.1920E-03
610819.43	4205840.03	6320.76819	0.00111	0.02733	2.36295E-07	1.1101E-03
610826.43	4205840.03	5886.7917	0.00103	0.02674	2.31194E-07	1.0339E-03
610833.43	4205840.03	5484.49417	0.00096	0.02618	2.26352E-07	9.6329E-04
610840.43	4205840.03	5113.00802	0.00090	0.02563	2.21597E-07	8.9805E-04
610847.43	4205840.03	4771.0176	0.00084	0.02511	2.17101E-07	8.3800E-04
610854.43	4205840.03	4457.07647	0.00078	0.02461	2.12778E-07	7.8287E-04
610861.43	4205840.03	4169.58099	0.00073	0.02413	2.08628E-07	7.3238E-04
610868.43	4205840.03	3906.87405	0.00069	0.02367	2.04651E-07	6.8624E-04
610875.43	4205840.03	3667.21085	0.00064	0.02322	2.00760E-07	6.4415E-04
610882.43	4205840.03	3448.8092	0.00061	0.02279	1.97042E-07	6.0580E-04
610889.43	4205840.03	3249.93551	0.00057	0.02238	1.93497E-07	5.7087E-04
610910.43	4205840.03	2754.15129	0.00048	0.02124	1.83641E-07	4.8381E-04
610917.43	4205840.03	2617.48156	0.00046	0.02088	1.80528E-07	4.5980E-04
610924.43	4205840.03	2492.90316	0.00044	0.02054	1.77589E-07	4.3793E-04
610931.43	4205840.03	2379.17862	0.00042	0.02021	1.74736E-07	4.1795E-04
610938.43	4205840.03	2275.21179	0.00040	0.01989	1.71969E-07	3.9969E-04
610945.43	4205840.03	2180.0523	0.00038	0.01958	1.69289E-07	3.8298E-04
610952.43	4205840.03	2092.79106	0.00037	0.01928	1.66695E-07	3.6766E-04
610959.43	4205840.03	2012.62701	0.00035	0.01898	1.64101E-07	3.5358E-04
610966.43	4205840.03	1938.84213	0.00034	0.01870	1.61680E-07	3.4062E-04
610973.43	4205840.03	1870.75599	0.00033	0.01843	1.59346E-07	3.2866E-04
610980.43	4205840.03	1807.81881	0.00032	0.01816	1.57011E-07	3.1761E-04
610987.43	4205840.03	1749.51269	0.00031	0.01790	1.54763E-07	3.0737E-04
610994.43	4205840.03	1695.33261	0.00030	0.01765	1.52602E-07	2.9785E-04
611001.43	4205840.03	1644.94906	0.00029	0.01741	1.50527E-07	2.8900E-04
611008.43	4205840.03	1597.89586	0.00028	0.01717	1.48452E-07	2.8074E-04
611015.43	4205840.03	1553.92951	0.00027	0.01694	1.46463E-07	2.7301E-04
611022.43	4205840.03	1512.68008	0.00027	0.01671	1.44475E-07	2.6577E-04
611029.43	4205840.03	1473.97671	0.00026	0.01649	1.42572E-07	2.5897E-04
611036.43	4205840.03	1437.51738	0.00025	0.01627	1.40670E-07	2.5257E-04
611043.43	4205840.03	1403.11135	0.00025	0.01606	1.38855E-07	2.4652E-04
611050.43	4205840.03	1370.56917	0.00024	0.01585	1.37039E-07	2.4081E-04
611057.43	4205840.03	1339.73486	0.00024	0.01565	1.35310E-07	2.3539E-04
611064.43	4205840.03	1310.48048	0.00023	0.01545	1.33581E-07	2.3025E-04
611071.43	4205840.03	1282.64624	0.00023	0.01526	1.31938E-07	2.2536E-04

610294.43	4205847.03	8598.9341	0.00151	0.12013	1.03864E-06	1.5110E-03
610301.43	4205847.03	8869.62264	0.00156	0.11911	1.02982E-06	1.5585E-03
610308.43	4205847.03	9150.06491	0.00161	0.11807	1.02083E-06	1.6078E-03
610315.43	4205847.03	9440.17656	0.00166	0.11698	1.01141E-06	1.6587E-03
610322.43	4205847.03	9739.74194	0.00171	0.11589	1.00198E-06	1.7113E-03
610329.43	4205847.03	10049.81045	0.00176	0.11477	9.92301E-07	1.7657E-03
610336.43	4205847.03	10370.13678	0.00182	0.11362	9.82358E-07	1.8220E-03
610343.43	4205847.03	10700.9186	0.00188	0.11246	9.72329E-07	1.8800E-03
610350.43	4205847.03	11043.33477	0.00194	0.11124	9.61780E-07	1.9401E-03
610357.43	4205847.03	11396.86243	0.00200	0.11001	9.51146E-07	2.0022E-03
610364.43	4205847.03	11760.98833	0.00207	0.10876	9.40338E-07	2.0661E-03
610371.43	4205847.03	12136.47021	0.00213	0.10749	9.29358E-07	2.1321E-03
610378.43	4205847.03	12522.51182	0.00220	0.10620	9.18205E-07	2.1998E-03
610385.43	4205847.03	12919.94435	0.00227	0.10490	9.06965E-07	2.2696E-03
610392.43	4205847.03	13327.73147	0.00234	0.10357	8.95466E-07	2.3412E-03
610399.43	4205847.03	13746.7156	0.00241	0.10224	8.83967E-07	2.4148E-03
610406.43	4205847.03	14176.10647	0.00249	0.10089	8.72294E-07	2.4902E-03
610413.43	4205847.03	14615.01238	0.00257	0.09952	8.60449E-07	2.5672E-03
610420.43	4205847.03	15063.93595	0.00265	0.09814	8.48518E-07	2.6460E-03
610427.43	4205847.03	15521.34354	0.00273	0.09675	8.36500E-07	2.7263E-03
610434.43	4205847.03	15987.54246	0.00281	0.09535	8.24396E-07	2.8082E-03
610441.43	4205847.03	16460.60804	0.00289	0.09394	8.12205E-07	2.8913E-03
610448.43	4205847.03	16940.53983	0.00297	0.09252	7.99927E-07	2.9755E-03
610455.43	4205847.03	17425.67499	0.00306	0.09109	7.87564E-07	3.0607E-03
610462.43	4205847.03	17913.99479	0.00315	0.08964	7.75027E-07	3.1464E-03
610469.43	4205847.03	18405.00741	0.00323	0.08818	7.62404E-07	3.2326E-03
610476.43	4205847.03	18895.68838	0.00332	0.08671	7.49694E-07	3.3188E-03
610483.43	4205847.03	19385.4185	0.00340	0.08524	7.36985E-07	3.4048E-03
610490.43	4205847.03	19870.40081	0.00349	0.08375	7.24102E-07	3.4899E-03
610504.43	4205847.03	20809.02342	0.00365	0.08073	6.97991E-07	3.6547E-03
610511.43	4205847.03	21261.85359	0.00373	0.07922	6.84936E-07	3.7342E-03
610518.43	4205847.03	21698.43437	0.00381	0.07770	6.71794E-07	3.8109E-03
610525.43	4205847.03	22116.90705	0.00388	0.07620	6.58825E-07	3.8843E-03
610532.43	4205847.03	22512.3684	0.00395	0.07469	6.45769E-07	3.9538E-03
610539.43	4205847.03	22882.52071	0.00402	0.07318	6.32714E-07	4.0188E-03
610546.43	4205847.03	23222.40008	0.00408	0.07169	6.19831E-07	4.0784E-03
610553.43	4205847.03	23528.87974	0.00413	0.07019	6.06862E-07	4.1322E-03
610560.43	4205847.03	23798.94622	0.00418	0.06871	5.94066E-07	4.1796E-03
610567.43	4205847.03	24030.73172	0.00422	0.06725	5.81443E-07	4.2203E-03
610574.43	4205847.03	24221.55576	0.00425	0.06580	5.68906E-07	4.2538E-03
610581.43	4205847.03	24364.1675	0.00428	0.06436	5.56456E-07	4.2789E-03
610588.43	4205847.03	24457.16004	0.00429	0.06294	5.44179E-07	4.2952E-03
610595.43	4205847.03	24496.01907	0.00430	0.06152	5.31902E-07	4.3020E-03
610602.43	4205847.03	24480.45849	0.00430	0.06011	5.19711E-07	4.2992E-03
610609.43	4205847.03	24406.56716	0.00429	0.05872	5.07693E-07	4.2862E-03
610616.43	4205847.03	24273.87357	0.00426	0.05734	4.95761E-07	4.2629E-03
610623.43	4205847.03	24082.16012	0.00423	0.05597	4.83916E-07	4.2293E-03
610630.43	4205847.03	23829.41939	0.00418	0.05463	4.72331E-07	4.1849E-03
610637.43	4205847.03	23517.49231	0.00413	0.05330	4.60832E-07	4.1301E-03
610644.43	4205847.03	23144.20461	0.00406	0.05199	4.49505E-07	4.0645E-03
610651.43	4205847.03	22713.5882	0.00399	0.05070	4.38352E-07	3.9889E-03
610658.43	4205847.03	22227.64499	0.00390	0.04943	4.27372E-07	3.9036E-03
610665.43	4205847.03	21689.65479	0.00381	0.04819	4.16651E-07	3.8091E-03
610672.43	4205847.03	21103.6673	0.00371	0.04697	4.06102E-07	3.7062E-03
610679.43	4205847.03	20474.71582	0.00360	0.04577	3.95727E-07	3.5957E-03
610714.43	4205847.03	16832.74931	0.00296	0.04018	3.47396E-07	2.9561E-03
610721.43	4205847.03	16041.44302	0.00282	0.03914	3.38404E-07	2.8172E-03
610728.43	4205847.03	15244.62233	0.00268	0.03813	3.29672E-07	2.6773E-03
610735.43	4205847.03	14448.02966	0.00254	0.03716	3.21285E-07	2.5374E-03
610742.43	4205847.03	13656.86333	0.00240	0.03621	3.13071E-07	2.3984E-03
610749.43	4205847.03	12876.21664	0.00226	0.03530	3.05204E-07	2.2613E-03
610756.43	4205847.03	12111.30587	0.00213	0.03441	2.97509E-07	2.1270E-03
610763.43	4205847.03	11366.71757	0.00200	0.03356	2.90160E-07	1.9963E-03
610770.43	4205847.03	10646.20351	0.00187	0.03273	2.82983E-07	1.8697E-03
610777.43	4205847.03	9953.14623	0.00175	0.03194	2.76153E-07	1.7480E-03
610784.43	4205847.03	9290.6179	0.00163	0.03117	2.69496E-07	1.6317E-03
610791.43	4205847.03	8660.951	0.00152	0.03044	2.63184E-07	1.5211E-03
610798.43	4205847.03	8065.43895	0.00142	0.02973	2.57045E-07	1.4165E-03
610805.43	4205847.03	7505.08113	0.00132	0.02905	2.51166E-07	1.3181E-03
610812.43	4205847.03	6980.46278	0.00123	0.02840	2.45546E-07	1.2260E-03
610819.43	4205847.03	6491.59589	0.00114	0.02777	2.40099E-07	1.1401E-03
610826.43	4205847.03	6038.01907	0.00106	0.02717	2.34912E-07	1.0605E-03
610833.43	4205847.03	5618.86286	0.00099	0.02659	2.29897E-07	9.8689E-04
610840.43	4205847.03	5232.99825	0.00092	0.02604	2.25142E-07	9.1913E-04
610847.43	4205847.03	4878.84251	0.00086	0.02550	2.20473E-07	8.5693E-04
610854.43	4205847.03	4554.73936	0.00080	0.02499	2.16063E-07	8.0002E-04
610861.43	4205847.03	4258.79278	0.00075	0.02450	2.11827E-07	7.4805E-04
610868.43	4205847.03	3989.03799	0.00070	0.02403	2.07763E-07	7.0067E-04
610875.43	4205847.03	3743.55235	0.00066	0.02358	2.03873E-07	6.5756E-04
610882.43	4205847.03	3520.39427	0.00062	0.02314	2.00068E-07	6.1837E-04
610889.43	4205847.03	3317.56827	0.00058	0.02272	1.96437E-07	5.8275E-04
610910.43	4205847.03	2813.68473	0.00049	0.02155	1.86321E-07	4.9426E-04
610917.43	4205847.03	2675.20547	0.00047	0.02119	1.83209E-07	4.6994E-04
610924.43	4205847.03	2549.02183	0.00045	0.02084	1.80183E-07	4.4778E-04
610931.43	4205847.03	2433.95466	0.00043	0.02050	1.77243E-07	4.2757E-04
610938.43	4205847.03	2328.82302	0.00041	0.02018	1.74476E-07	4.0911E-04
610945.43	4205847.03	2232.59733	0.00039	0.01986	1.71709E-07	3.9221E-04
610952.43	4205847.03	2144.38099	0.00038	0.01955	1.69029E-07	3.7672E-04
610959.43	4205847.03	2063.32306	0.00036	0.01926	1.66522E-07	3.6248E-04
610966.43	4205847.03	1988.69771	0.00035	0.01897	1.64015E-07	3.4937E-04
610973.43	4205847.03	1919.85431	0.00034	0.01869	1.61594E-07	3.3728E-04
610980.43	4205847.03	1856.1783	0.00033	0.01842	1.59259E-07	3.2610E-04
610987.43	4205847.03	1797.16774	0.00032	0.01816	1.57011E-07	3.1574E-04
610994.43	4205847.03	1742.34258	0.00031	0.01790	1.54763E-07	3.0611E-04
611001.43	4205847.03	1691.23121	0.00030	0.01765	1.52602E-07	2.9713E-04
611008.43	4205847.03	1643.56207	0.00029	0.01741	1.50527E-07	2.8876E-04
611015.43	4205847.03	1598.91052	0.00028	0.01717	1.48452E-07	2.8091E-04
611022.43	4205847.03	1557.06935	0.00027	0.01694	1.46463E-07	2.7356E-04
611029.43	4205847.03	1517.69655	0.00027	0.01671	1.44475E-07	2.6665E-04
611036.43	4205847.03	1480.60906	0.00026	0.01649	1.42572E-07	2.6013E-04
611043.43	4205847.03	1445.60409	0.00025	0.01628	1.40757E-07	2.5399E-04
611050.43	4205847.03	1412.45412	0.00025	0.01607	1.38941E-07	2.4816E-04
611057.43	4205847.03	1381.03551	0.00024	0.01586	1.37125E-07	2.4264E-04
611064.43	4205847.03	1351.17918	0.00024	0.01566	1.35396E-07	2.3740E-04
610294.43	4205854.03	8643.40712	0.00152	0.12336	1.06657E-06	1.5188E-03
610301.43	4205854.03	8920.38901	0.00157	0.12229	1.05732E-06	1.5675E-03
610308.43	4205854.03	9207.19293	0.00162	0.12123	1.04815E-06	1.6178E-03
610315.43	4205854.03	9504.29848	0.00167	0.12011	1.03847E-06	1.6700E-03
610322.43	4205854.03	9811.86083	0.00172	0.11900	1.02887E-06	1.7240E-03
610329.43	4205854.03	10130.24287	0.00178	0.11783	1.01876E-06	1.7799E-03
610336.43	4205854.03	10459.63715	0.00184	0.11667	1.00873E-06	1.8377E-03
610343.43	4205854.03	10800.28891	0.00190	0.11546	9.98267E-07	1.8975E-03
610350.43	4205854.03	11153.70627	0.00196	0.11422	9.87546E-07	1.9596E-03
610357.43	4205854.03	11519.51742	0.00202	0.11296	9.76652E-07	2.0238E-03
610364.43	4205854.03	11896.6666	0.00209	0.11168	9.65585E-07	2.0900E-03
610371.43	4205854.03	12286.44337	0.00216	0.11038	9.54345E-07	2.1584E-03
610378.43	4205854.03	12687.81423	0.00223	0.10906	9.42932E-07	2.2289E-03
610385.43	4205854.03	13101.95269	0.00230	0.10772	9.31347E-07	2.3016E-03
610392.43	4205854.03	13528.23379	0.00238	0.10637	9.19674E-07	2.3764E-03
610399.43	4205854.03	13966.07839	0.00245	0.10500	9.07829E-07	2.4533E-03
610406.43	4205854.03	14416.39333	0.00253	0.10361	8.95812E-07	2.5324E-03
610413.43	4205854.03	14877.71493	0.00261	0.10221	8.83707E-07	2.6134E-03
610420.43	4205854.03	15350.9208	0.00270	0.10080	8.71516E-07	2.6965E-03
610427.43	4205854.03	15834.23404	0.00278	0.09936	8.59066E-07	2.7813E-03
610434.43	4205854.03	16328.24292	0.00287	0.09793	8.46702E-07	2.8680E-03
610441.43	4205854.03	16831.55357	0.00296	0.09648	8.34166E-07	2.9564E-03
610448.43	4205854.03	17342.60351	0.00305	0.09502	8.21542E-07	3.0461E-03
610455.43	4205854.03	17861.50555	0.00314	0.09355	8.08833E-07	3.1372E-03
610462.43	4205854.03	18385.49708	0.00323	0.09205	7.95864E-07	3.2292E-03
610469.43	4205854.03	18914.44551	0.00332	0.09055	7.82895E-07	3.3221E-03
610476.43	4205854.03	19445.12737	0.00341	0.08903	7.69753E-07	3.4153E-03
610483.43	4205854.03	19976.74407	0.00351	0.08751	7.56611E-07	3.5086E-03
610490.43	4205854.03	20505.66006	0.00360	0.08598	7.43383E-07	3.6015E-03
610504.43	4205854.03	21538.51604	0.00378	0.08287	7.16494E-07	3.7828E-03
610511.43	4205854.03	22039.83955	0.00387	0.08131	7.03006E-07	3.8708E-03
610518.43	4205854.03	22526.952	0.00396	0.07975	6.89518E-07	3.9564E-03
610525.43	4205854.03	22996.19788	0.00404	0.07819	6.76030E-07	4.0388E-03
610532.43	4205854.03	23444.18413	0.00412	0.07664	6.62629E-07	4.1174E-03
610560.43	4205854.03	24931.672	0.00438	0.07046	6.09197E-07	4.3786E-03
610567.43	4205854.03	25210.0232	0.00443	0.06895	5.96141E-07	4.4274E-03
610595.43	4205854.03	25823.35202	0.00453	0.06302	5.44871E-07	4.5351E-03
610602.43	4205854.03	25831.94773	0.00454	0.06156	5.32247E-07	4.5366E-03
610609.43	4205854.03	25778.15116	0.00453	0.06012	5.19797E-07	4.5271E-03
610616.43	4205854.03	25658.2338	0.00451	0.05869	5.07433E-07	4.5060E-03
610623.43	4205854.03	25472.70452	0.00447	0.05728	4.95243E-07	4.4734E-03
610630.43	4205854.03	25219.30021	0.00443	0.05589	4.83225E-07	4.4289E-03
610637.43	4205854.03	24898.79871	0.00437	0.05452	4.71380E-07	4.3726E-03
610644.43	4205854.03	24510.52632	0.00430	0.05316	4.59621E-07	4.3045E-03
610651.43	4205854.03	24056.8734	0.00422	0.05183	4.48122E-07	4.2248E-03

610658.43	4205854.03	23541.24809	0.00413	0.05052	4.36796E-07	4.1342E-03
610665.43	4205854.03	22968.19245	0.00403	0.04923	4.25642E-07	4.0336E-03
610672.43	4205854.03	22339.83261	0.00392	0.04797	4.14748E-07	3.9232E-03
610679.43	4205854.03	21663.37729	0.00380	0.04673	4.04027E-07	3.8044E-03
610721.43	4205854.03	16874.25182	0.00296	0.03989	3.44889E-07	2.9634E-03
610728.43	4205854.03	16013.8864	0.00281	0.03886	3.35983E-07	2.8123E-03
610735.43	4205854.03	15154.51932	0.00266	0.03785	3.27251E-07	2.6614E-03
610742.43	4205854.03	14302.0046	0.00251	0.03688	3.18864E-07	2.5117E-03
610749.43	4205854.03	13461.95471	0.00236	0.03594	3.10737E-07	2.3642E-03
610756.43	4205854.03	12640.23961	0.00222	0.03503	3.02869E-07	2.2199E-03
610763.43	4205854.03	11841.79355	0.00208	0.03415	2.95261E-07	2.0797E-03
610770.43	4205854.03	11070.92087	0.00194	0.03330	2.87912E-07	1.9443E-03
610777.43	4205854.03	10331.14168	0.00181	0.03249	2.80908E-07	1.8144E-03
610784.43	4205854.03	9625.66211	0.00169	0.03170	2.74078E-07	1.6905E-03
610791.43	4205854.03	8957.05595	0.00157	0.03095	2.67594E-07	1.5731E-03
610798.43	4205854.03	8326.47998	0.00146	0.03023	2.61368E-07	1.4624E-03
610805.43	4205854.03	7734.9254	0.00136	0.02953	2.55316E-07	1.3585E-03
610812.43	4205854.03	7182.84979	0.00126	0.02886	2.49523E-07	1.2615E-03
610819.43	4205854.03	6670.07254	0.00117	0.02822	2.43990E-07	1.1715E-03
610826.43	4205854.03	6195.8506	0.00109	0.02761	2.38716E-07	1.0882E-03
610833.43	4205854.03	5759.12304	0.00101	0.02702	2.33615E-07	1.0115E-03
610840.43	4205854.03	5358.34535	0.00094	0.02645	2.28687E-07	9.4114E-04
610847.43	4205854.03	4991.66378	0.00088	0.02591	2.24018E-07	8.7675E-04
610854.43	4205854.03	4657.14446	0.00082	0.02538	2.19435E-07	8.1800E-04
610861.43	4205854.03	4352.56003	0.00076	0.02488	2.15112E-07	7.6451E-04
610868.43	4205854.03	4075.75197	0.00072	0.02440	2.10962E-07	7.1590E-04
610875.43	4205854.03	3824.41216	0.00067	0.02394	2.06985E-07	6.7177E-04
610882.43	4205854.03	3596.42278	0.00063	0.02350	2.03181E-07	6.3173E-04
610889.43	4205854.03	3389.68415	0.00060	0.02307	1.99463E-07	5.9542E-04
610910.43	4205854.03	2877.66273	0.00051	0.02188	1.89174E-07	5.0550E-04
610917.43	4205854.03	2737.31002	0.00048	0.02151	1.85975E-07	4.8085E-04
610924.43	4205854.03	2609.50185	0.00046	0.02115	1.82863E-07	4.5841E-04
610931.43	4205854.03	2493.05654	0.00044	0.02081	1.79923E-07	4.3796E-04
610938.43	4205854.03	2386.67931	0.00042	0.02048	1.77070E-07	4.1927E-04
610945.43	4205854.03	2289.38394	0.00040	0.02015	1.74217E-07	4.0218E-04
610952.43	4205854.03	2200.15936	0.00039	0.01984	1.71537E-07	3.8651E-04
610959.43	4205854.03	2118.23171	0.00037	0.01954	1.68943E-07	3.7213E-04
610966.43	4205854.03	2042.72488	0.00036	0.01925	1.66435E-07	3.5886E-04
610973.43	4205854.03	1973.04504	0.00035	0.01896	1.63928E-07	3.4663E-04
610980.43	4205854.03	1908.5874	0.00034	0.01869	1.61594E-07	3.3531E-04
610987.43	4205854.03	1848.80073	0.00032	0.01842	1.59259E-07	3.2480E-04
610994.43	4205854.03	1793.20169	0.00031	0.01816	1.57011E-07	3.1504E-04
611001.43	4205854.03	1741.39136	0.00031	0.01790	1.54763E-07	3.0594E-04
611008.43	4205854.03	1692.9663	0.00030	0.01765	1.52602E-07	2.9743E-04
611015.43	4205854.03	1647.6441	0.00029	0.01741	1.50527E-07	2.8947E-04
611022.43	4205854.03	1605.06305	0.00028	0.01718	1.48538E-07	2.8199E-04
611029.43	4205854.03	1565.03498	0.00027	0.01695	1.46550E-07	2.7496E-04
611036.43	4205854.03	1527.26907	0.00027	0.01672	1.44561E-07	2.6833E-04
611043.43	4205854.03	1491.56105	0.00026	0.01650	1.42659E-07	2.6206E-04
611078.43	4205854.03	1338.35649	0.00024	0.01547	1.33754E-07	2.3515E-04
611085.43	4205854.03	1311.83708	0.00023	0.01528	1.32111E-07	2.3049E-04
610294.43	4205861.03	8683.22124	0.00152	0.12668	1.09527E-06	1.5258E-03
610301.43	4205861.03	8965.72159	0.00157	0.12560	1.08594E-06	1.5754E-03
610308.43	4205861.03	9258.85704	0.00163	0.12448	1.07625E-06	1.6269E-03
610315.43	4205861.03	9563.06597	0.00168	0.12336	1.06657E-06	1.6803E-03
610322.43	4205861.03	9878.07557	0.00173	0.12220	1.05654E-06	1.7356E-03
610329.43	4205861.03	10204.56651	0.00179	0.12100	1.04617E-06	1.7929E-03
610336.43	4205861.03	10543.21746	0.00185	0.11982	1.03596E-06	1.8524E-03
610343.43	4205861.03	10893.55056	0.00191	0.11857	1.02516E-06	1.9139E-03
610350.43	4205861.03	11258.08301	0.00198	0.11731	1.01426E-06	1.9779E-03
610357.43	4205861.03	11635.80482	0.00204	0.11602	1.00311E-06	2.0442E-03
610364.43	4205861.03	12026.04863	0.00211	0.11471	9.91782E-07	2.1127E-03
610371.43	4205861.03	12430.0091	0.00218	0.11339	9.80369E-07	2.1837E-03
610378.43	4205861.03	12847.34061	0.00226	0.11204	9.68697E-07	2.2569E-03
610385.43	4205861.03	13277.66292	0.00233	0.11067	9.56852E-07	2.3325E-03
610392.43	4205861.03	13722.08602	0.00241	0.10928	9.44834E-07	2.4105E-03
610399.43	4205861.03	14179.52485	0.00249	0.10787	9.32643E-07	2.4908E-03
610406.43	4205861.03	14651.05093	0.00257	0.10645	9.20366E-07	2.5736E-03
610413.43	4205861.03	15135.26548	0.00266	0.10501	9.07916E-07	2.6586E-03
610420.43	4205861.03	15633.20677	0.00275	0.10356	8.95379E-07	2.7461E-03
610427.43	4205861.03	16143.76686	0.00283	0.10210	8.82756E-07	2.8357E-03
610434.43	4205861.03	16665.79816	0.00293	0.10061	8.69874E-07	2.9273E-03
610441.43	4205861.03	17199.91924	0.00302	0.09912	8.56991E-07	3.0211E-03
610448.43	4205861.03	17743.82885	0.00312	0.09762	8.44022E-07	3.1166E-03
610455.43	4205861.03	18297.90655	0.00321	0.09611	8.30967E-07	3.2139E-03
610462.43	4205861.03	18859.4653	0.00331	0.09457	8.17652E-07	3.3125E-03
610469.43	4205861.03	19428.40749	0.00341	0.09302	8.04250E-07	3.4124E-03
610476.43	4205861.03	20002.01014	0.00351	0.09146	7.90763E-07	3.5131E-03
610483.43	4205861.03	20577.70425	0.00361	0.08989	7.77188E-07	3.6142E-03
610490.43	4205861.03	21153.66666	0.00371	0.08831	7.63528E-07	3.7153E-03
610504.43	4205861.03	22287.49954	0.00391	0.08510	7.35774E-07	3.9144E-03
610511.43	4205861.03	22842.67282	0.00401	0.08349	7.21854E-07	4.0118E-03
610518.43	4205861.03	23385.29389	0.00411	0.08188	7.07934E-07	4.1071E-03
610525.43	4205861.03	23911.21208	0.00420	0.08027	6.94014E-07	4.1994E-03
610532.43	4205861.03	24416.16003	0.00429	0.07866	6.80094E-07	4.2881E-03
610595.43	4205861.03	27250.62122	0.00479	0.06457	5.58272E-07	4.7857E-03
610602.43	4205861.03	27290.72463	0.00479	0.06307	5.45303E-07	4.7927E-03
610609.43	4205861.03	27260.22008	0.00479	0.06157	5.32334E-07	4.7874E-03
610616.43	4205861.03	27158.23329	0.00477	0.06010	5.19624E-07	4.7694E-03
610623.43	4205861.03	26981.51663	0.00474	0.05864	5.07001E-07	4.7384E-03
610630.43	4205861.03	26730.6777	0.00469	0.05720	4.94551E-07	4.6943E-03
610637.43	4205861.03	26403.80839	0.00464	0.05578	4.82274E-07	4.6369E-03
610644.43	4205861.03	25999.10559	0.00457	0.05438	4.70169E-07	4.5659E-03
610651.43	4205861.03	25522.87079	0.00448	0.05300	4.58238E-07	4.4822E-03
610658.43	4205861.03	24976.7077	0.00439	0.05164	4.46479E-07	4.3863E-03
610665.43	4205861.03	24363.55736	0.00428	0.05031	4.34980E-07	4.2786E-03
610672.43	4205861.03	23690.37836	0.00416	0.04900	4.23654E-07	4.1604E-03
610980.43	4205861.03	1965.50625	0.00035	0.01896	1.63928E-07	3.4530E-04
610987.43	4205861.03	1904.8742	0.00033	0.01869	1.61594E-07	3.3465E-04
610994.43	4205861.03	1848.45985	0.00032	0.01842	1.59259E-07	3.2474E-04
611001.43	4205861.03	1795.83605	0.00032	0.01816	1.57011E-07	3.1550E-04
611008.43	4205861.03	1746.64446	0.00031	0.01791	1.54850E-07	3.0686E-04
611015.43	4205861.03	1700.53568	0.00030	0.01766	1.52688E-07	2.9876E-04
611022.43	4205861.03	1657.20859	0.00029	0.01742	1.50613E-07	2.9115E-04
611071.43	4205861.03	1413.06922	0.00025	0.01588	1.37298E-07	2.4827E-04
611078.43	4205861.03	1384.62645	0.00024	0.01568	1.35569E-07	2.4327E-04
611085.43	4205861.03	1357.40514	0.00024	0.01548	1.33840E-07	2.3849E-04
611092.43	4205861.03	1331.32694	0.00023	0.01529	1.32197E-07	2.3391E-04
610294.43	4205868.03	8718.04023	0.00153	0.13014	1.12519E-06	1.5320E-03
610301.43	4205868.03	9006.46382	0.00158	0.12903	1.11559E-06	1.5826E-03
610308.43	4205868.03	9305.44261	0.00163	0.12789	1.10574E-06	1.6351E-03
610315.43	4205868.03	9616.31316	0.00169	0.12675	1.09588E-06	1.6897E-03
610322.43	4205868.03	9938.52919	0.00175	0.12555	1.08550E-06	1.7463E-03
610329.43	4205868.03	10273.2933	0.00180	0.12433	1.07496E-06	1.8050E-03
610336.43	4205868.03	10620.19754	0.00186	0.12308	1.06415E-06	1.8659E-03
610343.43	4205868.03	10980.3786	0.00193	0.12182	1.05326E-06	1.9292E-03
610350.43	4205868.03	11355.81121	0.00199	0.12052	1.04202E-06	1.9951E-03
610357.43	4205868.03	11745.40192	0.00206	0.11921	1.03069E-06	2.0635E-03
610364.43	4205868.03	12149.13674	0.00213	0.11788	1.01919E-06	2.1344E-03
610371.43	4205868.03	12566.63557	0.00221	0.11651	1.00734E-06	2.2077E-03
610378.43	4205868.03	12999.37761	0.00228	0.11514	9.95500E-07	2.2837E-03
610385.43	4205868.03	13446.37737	0.00236	0.11373	9.83309E-07	2.3621E-03
610392.43	4205868.03	13909.04209	0.00244	0.11231	9.71032E-07	2.4434E-03
610399.43	4205868.03	14386.19763	0.00253	0.11087	9.58581E-07	2.5271E-03
610406.43	4205868.03	14879.17324	0.00261	0.10941	9.45958E-07	2.6137E-03
610413.43	4205868.03	15387.28953	0.00270	0.10794	9.33249E-07	2.7029E-03
610420.43	4205868.03	15909.69983	0.00279	0.10644	9.20280E-07	2.7946E-03
610427.43	4205868.03	16447.54432	0.00289	0.10494	9.07311E-07	2.8891E-03
610434.43	4205868.03	16998.95731	0.00298	0.10341	8.94082E-07	2.9859E-03
610441.43	4205868.03	17564.69549	0.00308	0.10188	8.80854E-07	3.0852E-03
610448.43	4205868.03	18142.79336	0.00319	0.10033	8.67453E-07	3.1867E-03
610455.43	4205868.03	18733.49404	0.00329	0.09878	8.54051E-07	3.2904E-03
610462.43	4205868.03	19335.06169	0.00340	0.09719	8.40304E-07	3.3960E-03
610469.43	4205868.03	19945.08422	0.00350	0.09559	8.26471E-07	3.5031E-03
610476.43	4205868.03	20563.56121	0.00361	0.09398	8.12551E-07	3.6117E-03
610483.43	4205868.03	21186.68059	0.00372	0.09236	7.98544E-07	3.7211E-03
610490.43	4205868.03	21812.90331	0.00383	0.09073	7.84451E-07	3.8311E-03
610504.43	4205868.03	23056.46168	0.00405	0.08742	7.55833E-07	4.0494E-03
610511.43	4205868.03	23669.5025	0.00416	0.08576	7.41481E-07	4.1571E-03
610518.43	4205868.03	24272.72668	0.00426	0.08410	7.27128E-07	4.2630E-03
610525.43	4205868.03	24861.24497	0.00437	0.08244	7.12776E-07	4.3663E-03
610532.43	4205868.03	25429.2976	0.00447	0.08078	6.98423E-07	4.4660E-03
610595.43	4205868.03	28788.74001	0.00506	0.06620	5.72365E-07	5.0558E-03
610602.43	4205868.03	28866.36606	0.00507	0.06463	5.58791E-07	5.0694E-03
610609.43	4205868.03	28866.10791	0.00507	0.06309	5.45476E-07	5.0694E-03
610616.43	4205868.03	28786.5356	0.00505	0.06156	5.32247E-07	5.0554E-03
610623.43	4205868.03	28623.68	0.00503	0.06005	5.19192E-07	5.0268E-03
610630.43	4205868.03	28376.67558	0.00498	0.05856	5.06309E-07	4.9834E-03
610637.43	4205868.03	28045.50035	0.00492	0.05709	4.93600E-07	4.9252E-03

610644.43	4205868.03	27626.96795	0.00485	0.05564	4.81063E-07	4.8517E-03
610651.43	4205868.03	27126.51109	0.00476	0.05421	4.68699E-07	4.7638E-03
610658.43	4205868.03	26546.96879	0.00466	0.05281	4.56595E-07	4.6620E-03
610665.43	4205868.03	25892.92879	0.00455	0.05143	4.44664E-07	4.5472E-03
610693.43	4205868.03	22653.2187	0.00398	0.04620	3.99445E-07	3.9783E-03
610700.43	4205868.03	21723.51425	0.00381	0.04497	3.88810E-07	3.8150E-03
610707.43	4205868.03	20755.67925	0.00364	0.04377	3.78435E-07	3.6450E-03
611057.43	4205868.03	1526.67715	0.00027	0.01652	1.42832E-07	2.6822E-04
611064.43	4205868.03	1494.65328	0.00026	0.01631	1.41016E-07	2.6260E-04
611071.43	4205868.03	1464.07003	0.00026	0.01610	1.39201E-07	2.5723E-04
611078.43	4205868.03	1434.84977	0.00025	0.01589	1.37385E-07	2.5209E-04
611085.43	4205868.03	1406.8678	0.00025	0.01569	1.35656E-07	2.4718E-04
611092.43	4205868.03	1380.02923	0.00024	0.01549	1.33926E-07	2.4246E-04
610294.43	4205875.03	8747.81655	0.00154	0.13373	1.15623E-06	1.5373E-03
610301.43	4205875.03	9041.44066	0.00159	0.13259	1.14637E-06	1.5888E-03
610308.43	4205875.03	9346.62501	0.00164	0.13143	1.13634E-06	1.6424E-03
610315.43	4205875.03	9663.76808	0.00170	0.13024	1.12605E-06	1.6981E-03
610322.43	4205875.03	9992.9367	0.00175	0.12901	1.11542E-06	1.7559E-03
610329.43	4205875.03	10335.37301	0.00181	0.12776	1.10461E-06	1.8160E-03
610336.43	4205875.03	10691.0948	0.00188	0.12649	1.09363E-06	1.8784E-03
610343.43	4205875.03	11060.55103	0.00194	0.12519	1.08239E-06	1.9433E-03
610350.43	4205875.03	11447.05347	0.00201	0.12388	1.07107E-06	2.0111E-03
610357.43	4205875.03	11847.90148	0.00208	0.12253	1.05939E-06	2.0815E-03
610364.43	4205875.03	12264.35121	0.00215	0.12117	1.04764E-06	2.1546E-03
610371.43	4205875.03	12695.8515	0.00223	0.11977	1.03553E-06	2.2304E-03
610378.43	4205875.03	13143.80869	0.00231	0.11836	1.02334E-06	2.3090E-03
610385.43	4205875.03	13607.47638	0.00239	0.11692	1.01089E-06	2.3905E-03
610392.43	4205875.03	14088.25444	0.00247	0.11547	9.98353E-07	2.4749E-03
610399.43	4205875.03	14585.87116	0.00256	0.11399	9.85557E-07	2.5622E-03
610406.43	4205875.03	15099.81491	0.00265	0.11249	9.72588E-07	2.6525E-03
610413.43	4205875.03	15631.39037	0.00274	0.11098	9.59533E-07	2.7458E-03
610420.43	4205875.03	16179.36469	0.00284	0.10944	9.46218E-07	2.8420E-03
610427.43	4205875.03	16744.84408	0.00294	0.10790	9.32903E-07	2.9413E-03
610434.43	4205875.03	17326.29909	0.00304	0.10633	9.19329E-07	3.0434E-03
610441.43	4205875.03	17924.68246	0.00315	0.10476	9.05754E-07	3.1484E-03
610448.43	4205875.03	18538.57641	0.00326	0.10317	8.92007E-07	3.2562E-03
610455.43	4205875.03	19166.56553	0.00337	0.10156	8.78087E-07	3.3665E-03
610462.43	4205875.03	19808.91958	0.00348	0.09993	8.63994E-07	3.4793E-03
610469.43	4205875.03	20462.96887	0.00359	0.09828	8.49728E-07	3.5941E-03
610476.43	4205875.03	21128.45093	0.00371	0.09662	8.35376E-07	3.7109E-03
610483.43	4205875.03	21801.79509	0.00383	0.09494	8.20851E-07	3.8292E-03
610490.43	4205875.03	22482.38011	0.00395	0.09327	8.06412E-07	3.9487E-03
610504.43	4205875.03	23842.18137	0.00419	0.08985	7.76843E-07	4.1874E-03
610511.43	4205875.03	24519.50997	0.00431	0.08814	7.62058E-07	4.3063E-03
610518.43	4205875.03	25188.33867	0.00442	0.08642	7.47187E-07	4.4238E-03
610525.43	4205875.03	25845.72169	0.00454	0.08471	7.32402E-07	4.5392E-03
610532.43	4205875.03	26484.6692	0.00465	0.08299	7.17531E-07	4.6514E-03
610539.43	4205875.03	27100.52801	0.00476	0.08128	7.02746E-07	4.7595E-03
610560.43	4205875.03	28748.44928	0.00505	0.07618	6.58652E-07	5.0488E-03
610567.43	4205875.03	29211.4047	0.00513	0.07450	6.44127E-07	5.1301E-03
610574.43	4205875.03	29619.70679	0.00520	0.07283	6.29688E-07	5.2018E-03
610581.43	4205875.03	29966.54912	0.00526	0.07117	6.15335E-07	5.2627E-03
610595.43	4205875.03	30447.26724	0.00535	0.06789	5.86977E-07	5.3471E-03
610602.43	4205875.03	30569.75068	0.00537	0.06627	5.72970E-07	5.3686E-03
610609.43	4205875.03	30607.96196	0.00537	0.06467	5.59137E-07	5.3752E-03
610616.43	4205875.03	30556.24084	0.00537	0.06308	5.45389E-07	5.3662E-03
610623.43	4205875.03	30413.37733	0.00534	0.06152	5.31902E-07	5.3411E-03
610630.43	4205875.03	30175.46552	0.00530	0.05997	5.18500E-07	5.2993E-03
610637.43	4205875.03	29842.75649	0.00524	0.05845	5.05358E-07	5.2408E-03
610644.43	4205875.03	29410.56109	0.00516	0.05695	4.92389E-07	5.1649E-03
610651.43	4205875.03	28885.66116	0.00507	0.05547	4.79593E-07	5.0727E-03
610658.43	4205875.03	28270.93726	0.00496	0.05402	4.67057E-07	4.9648E-03
610679.43	4205875.03	25945.56906	0.00456	0.04983	4.30830E-07	4.5564E-03
610686.43	4205875.03	25035.15675	0.00440	0.04849	4.19244E-07	4.3965E-03
610693.43	4205875.03	24069.47179	0.00423	0.04719	4.08005E-07	4.2270E-03
610700.43	4205875.03	23055.71658	0.00405	0.04592	3.97024E-07	4.0489E-03
610707.43	4205875.03	22003.45077	0.00386	0.04468	3.86303E-07	3.8641E-03
610714.43	4205875.03	20926.39526	0.00367	0.04347	3.75841E-07	3.6750E-03
610721.43	4205875.03	19834.55381	0.00348	0.04231	3.65812E-07	3.4833E-03
610728.43	4205875.03	18737.67761	0.00329	0.04117	3.55956E-07	3.2907E-03
610735.43	4205875.03	17645.03338	0.00310	0.04008	3.46531E-07	3.0988E-03
610742.43	4205875.03	16565.09356	0.00291	0.03901	3.37280E-07	2.9091E-03
610749.43	4205875.03	15505.56294	0.00272	0.03799	3.28461E-07	2.7231E-03
610756.43	4205875.03	14474.89223	0.00254	0.03700	3.19902E-07	2.5421E-03
610763.43	4205875.03	13479.41587	0.00237	0.03605	3.11688E-07	2.3673E-03
610770.43	4205875.03	12525.12457	0.00220	0.03513	3.03734E-07	2.1997E-03
610777.43	4205875.03	11616.47127	0.00204	0.03425	2.96125E-07	2.0401E-03
610784.43	4205875.03	10757.31312	0.00189	0.03340	2.88776E-07	1.8892E-03
610791.43	4205875.03	9950.66848	0.00175	0.03259	2.81773E-07	1.7476E-03
610798.43	4205875.03	9197.2832	0.00162	0.03181	2.75029E-07	1.6153E-03
610805.43	4205875.03	8497.7522	0.00149	0.03106	2.68545E-07	1.4925E-03
610812.43	4205875.03	7851.99752	0.00138	0.03035	2.62406E-07	1.3791E-03
610819.43	4205875.03	7258.67201	0.00127	0.02966	2.56440E-07	1.2749E-03
610826.43	4205875.03	6715.98614	0.00118	0.02900	2.50734E-07	1.1796E-03
610833.43	4205875.03	6221.64972	0.00109	0.02837	2.45287E-07	1.0928E-03
610840.43	4205875.03	5772.8457	0.00101	0.02777	2.40099E-07	1.0139E-03
610847.43	4205875.03	5366.47697	0.00094	0.02719	2.35085E-07	9.4258E-04
610854.43	4205875.03	4999.31903	0.00088	0.02663	2.30243E-07	8.7810E-04
610861.43	4205875.03	4668.11172	0.00082	0.02610	2.25660E-07	8.1994E-04
610868.43	4205875.03	4369.54638	0.00077	0.02559	2.21251E-07	7.6750E-04
611029.43	4205875.03	1733.32374	0.00030	0.01768	1.52861E-07	3.0452E-04
611036.43	4205875.03	1693.01109	0.00030	0.01744	1.50786E-07	2.9744E-04
611043.43	4205875.03	1654.81841	0.00029	0.01721	1.48798E-07	2.9073E-04
611050.43	4205875.03	1618.52952	0.00028	0.01698	1.46809E-07	2.8436E-04
611057.43	4205875.03	1583.98464	0.00028	0.01675	1.44820E-07	2.7829E-04
611064.43	4205875.03	1551.05815	0.00027	0.01654	1.43005E-07	2.7251E-04
611071.43	4205875.03	1519.59499	0.00027	0.01632	1.41103E-07	2.6698E-04
611078.43	4205875.03	1489.49621	0.00026	0.01611	1.39287E-07	2.6169E-04
611085.43	4205875.03	1460.64542	0.00026	0.01591	1.37558E-07	2.5662E-04
611092.43	4205875.03	1432.9606	0.00025	0.01571	1.35829E-07	2.5176E-04
610294.43	4205882.03	8772.54247	0.00154	0.13749	1.18874E-06	1.5416E-03
610301.43	4205882.03	9071.06262	0.00159	0.13630	1.17845E-06	1.5940E-03
610308.43	4205882.03	9381.69687	0.00165	0.13511	1.16816E-06	1.6486E-03
610315.43	4205882.03	9704.9123	0.00170	0.13389	1.15761E-06	1.7053E-03
610322.43	4205882.03	10041.56602	0.00176	0.13264	1.14680E-06	1.7644E-03
610329.43	4205882.03	10391.38886	0.00182	0.13137	1.13582E-06	1.8258E-03
610336.43	4205882.03	10755.22456	0.00189	0.13004	1.12433E-06	1.8897E-03
610343.43	4205882.03	11133.60793	0.00196	0.12870	1.11274E-06	1.9561E-03
610350.43	4205882.03	11530.58729	0.00202	0.12736	1.10115E-06	2.0258E-03
610357.43	4205882.03	11942.77056	0.00210	0.12599	1.08931E-06	2.0982E-03
610364.43	4205882.03	12371.76801	0.00217	0.12459	1.07720E-06	2.1735E-03
610371.43	4205882.03	12817.04874	0.00225	0.12317	1.06493E-06	2.2517E-03
610378.43	4205882.03	13280.05273	0.00233	0.12172	1.05239E-06	2.3330E-03
610385.43	4205882.03	13760.85208	0.00242	0.12025	1.03968E-06	2.4174E-03
610392.43	4205882.03	14259.07041	0.00250	0.11876	1.02680E-06	2.5049E-03
610399.43	4205882.03	14776.50129	0.00259	0.11725	1.01374E-06	2.5957E-03
610406.43	4205882.03	15311.97892	0.00269	0.11571	1.00043E-06	2.6897E-03
610413.43	4205882.03	15867.19469	0.00279	0.11415	9.86940E-07	2.7872E-03
610420.43	4205882.03	16440.89935	0.00289	0.11258	9.73366E-07	2.8880E-03
610427.43	4205882.03	17034.52624	0.00299	0.11099	9.59619E-07	2.9922E-03
610434.43	4205882.03	17647.20376	0.00310	0.10938	9.45699E-07	3.0998E-03
610441.43	4205882.03	18278.09496	0.00321	0.10776	9.31692E-07	3.2105E-03
610448.43	4205882.03	18928.16475	0.00332	0.10612	9.17513E-07	3.3247E-03
610455.43	4205882.03	19595.23341	0.00344	0.10447	9.03247E-07	3.4418E-03
610462.43	4205882.03	20280.02861	0.00356	0.10278	8.88635E-07	3.5620E-03
610469.43	4205882.03	20979.79806	0.00368	0.10108	8.73937E-07	3.6849E-03
610476.43	4205882.03	21694.57125	0.00381	0.09937	8.59153E-07	3.8104E-03
610483.43	4205882.03	22420.97298	0.00394	0.09764	8.44195E-07	3.9379E-03
610490.43	4205882.03	23158.23086	0.00407	0.09591	8.29237E-07	4.0674E-03
610504.43	4205882.03	24644.32068	0.00433	0.09238	7.98717E-07	4.3283E-03
610511.43	4205882.03	25389.59931	0.00446	0.09062	7.83500E-07	4.4591E-03
610518.43	4205882.03	26130.76228	0.00459	0.08884	7.68110E-07	4.5893E-03
610525.43	4205882.03	26862.67304	0.00472	0.08707	7.52807E-07	4.7178E-03
610532.43	4205882.03	27580.04723	0.00484	0.08530	7.37503E-07	4.8437E-03
610539.43	4205882.03	28276.52034	0.00497	0.08353	7.22200E-07	4.9660E-03
610553.43	4205882.03	29579.64809	0.00519	0.08000	6.91680E-07	5.1948E-03
610560.43	4205882.03	30171.51216	0.00530	0.07824	6.76463E-07	5.2987E-03
610567.43	4205882.03	30716.13241	0.00539	0.07650	6.61419E-07	5.3943E-03
610574.43	4205882.03	31202.54074	0.00548	0.07477	6.46461E-07	5.4797E-03
610581.43	4205882.03	31624.00957	0.00555	0.07305	6.31590E-07	5.5537E-03
610588.43	4205882.03	31970.87375	0.00561	0.07134	6.16805E-07	5.6146E-03
610595.43	4205882.03	32237.47103	0.00566	0.06965	6.02194E-07	5.6614E-03
610602.43	4205882.03	32415.49362	0.00569	0.06797	5.87668E-07	5.6927E-03
610609.43	4205882.03	32500.341	0.00571	0.06631	5.73316E-07	5.7076E-03
610616.43	4205882.03	32485.33127	0.00570	0.06467	5.59137E-07	5.7049E-03
610623.43	4205882.03	32367.42607	0.00568	0.06305	5.45130E-07	5.6842E-03
610630.43	4205882.03	32144.67754	0.00564	0.06145	5.31296E-07	5.6451E-03
610637.43	4205882.03	31812.90846	0.00559	0.05987	5.17636E-07	5.5868E-03
610644.43	4205882.03	31370.04141	0.00551	0.05831	5.04148E-07	5.5090E-03

610651.43	4205882.03	30820.48171	0.00541	0.05678	4.90920E-07	5.4125E-03
610672.43	4205882.03	28585.81624	0.00502	0.05236	4.52704E-07	5.0201E-03
610679.43	4205882.03	27666.80245	0.00486	0.05094	4.40427E-07	4.8587E-03
610686.43	4205882.03	26678.04923	0.00468	0.04956	4.28496E-07	4.6850E-03
610693.43	4205882.03	25628.70919	0.00450	0.04821	4.16823E-07	4.5008E-03
610700.43	4205882.03	24520.98609	0.00431	0.04689	4.05411E-07	4.3062E-03
610707.43	4205882.03	23374.18566	0.00410	0.04561	3.94344E-07	4.1048E-03
610714.43	4205882.03	22200.14067	0.00390	0.04437	3.83623E-07	3.8987E-03
610721.43	4205882.03	21010.03015	0.00369	0.04317	3.73248E-07	3.6897E-03
610728.43	4205882.03	19815.16273	0.00348	0.04200	3.63132E-07	3.4799E-03
610735.43	4205882.03	18626.06337	0.00327	0.04087	3.53362E-07	3.2710E-03
610742.43	4205882.03	17452.04987	0.00306	0.03977	3.43851E-07	3.0649E-03
610749.43	4205882.03	16302.05605	0.00286	0.03872	3.34773E-07	2.8629E-03
610756.43	4205882.03	15185.54105	0.00267	0.03770	3.25954E-07	2.6669E-03
610763.43	4205882.03	14109.6234	0.00248	0.03672	3.17481E-07	2.4779E-03
610770.43	4205882.03	13080.79552	0.00230	0.03578	3.09354E-07	2.2973E-03
610777.43	4205882.03	12104.18507	0.00213	0.03487	3.01486E-07	2.1258E-03
610784.43	4205882.03	11183.72764	0.00196	0.03401	2.94050E-07	1.9641E-03
610791.43	4205882.03	10322.59788	0.00181	0.03317	2.86788E-07	1.8129E-03
610798.43	4205882.03	9521.30502	0.00167	0.03237	2.79871E-07	1.6722E-03
610805.43	4205882.03	8780.25884	0.00154	0.03161	2.73300E-07	1.5421E-03
610812.43	4205882.03	8098.9439	0.00142	0.03087	2.66902E-07	1.4224E-03
610819.43	4205882.03	7475.5407	0.00131	0.03017	2.60850E-07	1.3129E-03
610826.43	4205882.03	6907.6914	0.00121	0.02950	2.55057E-07	1.2132E-03
610833.43	4205882.03	6392.51937	0.00112	0.02885	2.49437E-07	1.1228E-03
610840.43	4205882.03	5926.7037	0.00104	0.02824	2.44163E-07	1.0410E-03
610847.43	4205882.03	5506.44489	0.00097	0.02764	2.38975E-07	9.6716E-04
610854.43	4205882.03	5128.0758	0.00090	0.02708	2.34134E-07	9.0071E-04
610861.43	4205882.03	4787.79432	0.00084	0.02653	2.29378E-07	8.4096E-04
610868.43	4205882.03	4481.97001	0.00079	0.02601	2.24882E-07	7.8725E-04
610875.43	4205882.03	4207.04999	0.00074	0.02551	2.20559E-07	7.3897E-04
610882.43	4205882.03	3959.87792	0.00070	0.02503	2.16409E-07	6.9556E-04
610889.43	4205882.03	3737.41538	0.00066	0.02456	2.12346E-07	6.5649E-04
610910.43	4205882.03	3192.33873	0.00056	0.02328	2.01279E-07	5.6077E-04
610917.43	4205882.03	3044.07834	0.00053	0.02288	1.97820E-07	5.3473E-04
610924.43	4205882.03	2909.38521	0.00051	0.02249	1.94448E-07	5.1108E-04
610931.43	4205882.03	2786.80602	0.00049	0.02212	1.91249E-07	4.8955E-04
610938.43	4205882.03	2674.92134	0.00047	0.02176	1.88137E-07	4.6990E-04
610945.43	4205882.03	2572.50159	0.00045	0.02141	1.85111E-07	4.5191E-04
610952.43	4205882.03	2478.54511	0.00044	0.02108	1.82258E-07	4.3541E-04
610959.43	4205882.03	2392.05239	0.00042	0.02075	1.79404E-07	4.2022E-04
610966.43	4205882.03	2312.29018	0.00041	0.02043	1.76638E-07	4.0621E-04
610973.43	4205882.03	2238.48096	0.00039	0.02012	1.73957E-07	3.9325E-04
611001.43	4205882.03	1991.2086	0.00035	0.01897	1.64015E-07	3.4982E-04
611008.43	4205882.03	1939.05411	0.00034	0.01871	1.61767E-07	3.4066E-04
611015.43	4205882.03	1890.01201	0.00033	0.01844	1.59432E-07	3.3204E-04
611022.43	4205882.03	1843.81634	0.00032	0.01819	1.57271E-07	3.2393E-04
611029.43	4205882.03	1800.12591	0.00032	0.01794	1.55109E-07	3.1625E-04
611036.43	4205882.03	1758.77679	0.00031	0.01769	1.52948E-07	3.0899E-04
611043.43	4205882.03	1719.52928	0.00030	0.01745	1.50873E-07	3.0210E-04
611050.43	4205882.03	1682.20366	0.00030	0.01722	1.48884E-07	2.9554E-04
611057.43	4205882.03	1646.64439	0.00029	0.01699	1.46895E-07	2.8929E-04
611064.43	4205882.03	1612.67216	0.00028	0.01677	1.44993E-07	2.8333E-04
611071.43	4205882.03	1580.1813	0.00028	0.01655	1.43091E-07	2.7762E-04
611078.43	4205882.03	1549.1122	0.00027	0.01634	1.41276E-07	2.7216E-04
611085.43	4205882.03	1519.26694	0.00027	0.01613	1.39460E-07	2.6692E-04
611092.43	4205882.03	1490.60536	0.00026	0.01592	1.37644E-07	2.6188E-04
610294.43	4205889.03	8791.95259	0.00154	0.14137	1.22228E-06	1.5451E-03
610301.43	4205889.03	9095.54957	0.00160	0.14019	1.21208E-06	1.5984E-03
610308.43	4205889.03	9411.34391	0.00165	0.13894	1.20127E-06	1.6538E-03
610315.43	4205889.03	9740.33395	0.00171	0.13769	1.19047E-06	1.7116E-03
610322.43	4205889.03	10083.39644	0.00177	0.13639	1.17923E-06	1.7718E-03
610329.43	4205889.03	10440.22239	0.00183	0.13508	1.16790E-06	1.8344E-03
610336.43	4205889.03	10812.36894	0.00190	0.13375	1.15640E-06	1.8998E-03
610343.43	4205889.03	11199.32326	0.00197	0.13236	1.14438E-06	1.9677E-03
610350.43	4205889.03	11606.38125	0.00204	0.13099	1.13254E-06	2.0392E-03
610357.43	4205889.03	12029.73055	0.00211	0.12959	1.12043E-06	2.1135E-03
610364.43	4205889.03	12470.99529	0.00219	0.12816	1.10807E-06	2.1910E-03
610371.43	4205889.03	12930.26011	0.00227	0.12671	1.09553E-06	2.2716E-03
610378.43	4205889.03	13407.55963	0.00235	0.12523	1.08274E-06	2.3554E-03
610385.43	4205889.03	13904.61619	0.00244	0.12372	1.06968E-06	2.4427E-03
610392.43	4205889.03	14420.80607	0.00253	0.12219	1.05645E-06	2.5333E-03
610399.43	4205889.03	14957.78683	0.00263	0.12064	1.04305E-06	2.6276E-03
610406.43	4205889.03	15514.81637	0.00272	0.11906	1.02939E-06	2.7254E-03
610413.43	4205889.03	16093.65828	0.00283	0.11747	1.01565E-06	2.8270E-03
610420.43	4205889.03	16693.93357	0.00293	0.11585	1.00164E-06	2.9324E-03
610427.43	4205889.03	17315.12298	0.00304	0.11421	9.87459E-07	3.0415E-03
610434.43	4205889.03	17958.85256	0.00315	0.11256	9.73193E-07	3.1545E-03
610441.43	4205889.03	18623.43066	0.00327	0.11089	9.58754E-07	3.2712E-03
610448.43	4205889.03	19310.4931	0.00339	0.10921	9.44229E-07	3.3918E-03
610455.43	4205889.03	20017.67354	0.00352	0.10750	9.29444E-07	3.5160E-03
610462.43	4205889.03	20746.3162	0.00364	0.10577	9.14487E-07	3.6439E-03
610469.43	4205889.03	21493.4152	0.00377	0.10401	8.99270E-07	3.7751E-03
610476.43	4205889.03	22259.74573	0.00391	0.10225	8.84053E-07	3.9096E-03
610483.43	4205889.03	23042.53967	0.00405	0.10047	8.68663E-07	4.0471E-03
610490.43	4205889.03	23838.92061	0.00419	0.09867	8.53100E-07	4.1869E-03
610504.43	4205889.03	25459.78938	0.00447	0.09504	8.21715E-07	4.4715E-03
610511.43	4205889.03	26278.19477	0.00461	0.09321	8.05893E-07	4.6152E-03
610518.43	4205889.03	27097.75762	0.00476	0.09138	7.90071E-07	4.7591E-03
610525.43	4205889.03	27912.45578	0.00490	0.08954	7.74162E-07	4.9021E-03
610532.43	4205889.03	28716.13443	0.00504	0.08771	7.58340E-07	5.0432E-03
610539.43	4205889.03	29502.30967	0.00518	0.08588	7.42518E-07	5.1813E-03
610553.43	4205889.03	30990.2958	0.00544	0.08222	7.10874E-07	5.4425E-03
610560.43	4205889.03	31676.60484	0.00556	0.08041	6.95224E-07	5.5630E-03
610567.43	4205889.03	32313.18908	0.00567	0.07860	6.79575E-07	5.6748E-03
610574.43	4205889.03	32891.49715	0.00578	0.07680	6.64012E-07	5.7763E-03
610581.43	4205889.03	33399.38436	0.00586	0.07502	6.48623E-07	5.8655E-03
610588.43	4205889.03	33829.40316	0.00594	0.07324	6.33233E-07	5.9410E-03
610595.43	4205889.03	34170.9073	0.00600	0.07149	6.18102E-07	6.0010E-03
610602.43	4205889.03	34417.12166	0.00604	0.06975	6.03058E-07	6.0442E-03
610609.43	4205889.03	34558.81213	0.00607	0.06802	5.88101E-07	6.0690E-03
610616.43	4205889.03	34591.32364	0.00607	0.06632	5.73402E-07	6.0747E-03
610623.43	4205889.03	34507.50217	0.00606	0.06464	5.58877E-07	6.0600E-03
610630.43	4205889.03	34305.60694	0.00602	0.06298	5.44525E-07	6.0245E-03
610637.43	4205889.03	33980.68651	0.00597	0.06135	5.30432E-07	5.9675E-03
610644.43	4205889.03	33527.44288	0.00589	0.05973	5.16425E-07	5.8879E-03
610665.43	4205889.03	31467.19726	0.00553	0.05506	4.76048E-07	5.5260E-03
610672.43	4205889.03	30565.88713	0.00537	0.05356	4.63079E-07	5.3678E-03
610679.43	4205889.03	29571.77896	0.00519	0.05210	4.50456E-07	5.1932E-03
610686.43	4205889.03	28494.23498	0.00500	0.05066	4.38006E-07	5.0040E-03
610693.43	4205889.03	27347.03878	0.00480	0.04927	4.25988E-07	4.8025E-03
610700.43	4205889.03	26138.30836	0.00459	0.04791	4.14230E-07	4.5902E-03
610707.43	4205889.03	24885.63586	0.00437	0.04659	4.02817E-07	4.3703E-03
610714.43	4205889.03	23602.65602	0.00414	0.04530	3.91664E-07	4.1450E-03
610721.43	4205889.03	22302.35409	0.00392	0.04406	3.80943E-07	3.9166E-03
610728.43	4205889.03	20997.36054	0.00369	0.04285	3.70481E-07	3.6875E-03
610735.43	4205889.03	19699.70399	0.00346	0.04169	3.60452E-07	3.4596E-03
610742.43	4205889.03	18420.19408	0.00323	0.04056	3.50682E-07	3.2349E-03
610749.43	4205889.03	17168.72347	0.00301	0.03947	3.41257E-07	3.0151E-03
610756.43	4205889.03	15956.06761	0.00280	0.03843	3.32266E-07	2.8022E-03
610763.43	4205889.03	14790.59646	0.00260	0.03742	3.23533E-07	2.5975E-03
610770.43	4205889.03	13679.0091	0.00240	0.03645	3.15147E-07	2.4023E-03
610777.43	4205889.03	12627.1033	0.00222	0.03552	3.07106E-07	2.2176E-03
610784.43	4205889.03	11639.10969	0.00204	0.03463	2.99411E-07	2.0441E-03
610791.43	4205889.03	10718.37049	0.00188	0.03377	2.91975E-07	1.8824E-03
610798.43	4205889.03	9865.07872	0.00173	0.03295	2.84886E-07	1.7326E-03
610805.43	4205889.03	9079.22344	0.00159	0.03217	2.78142E-07	1.5946E-03
610812.43	4205889.03	8359.88509	0.00147	0.03142	2.71657E-07	1.4682E-03
610819.43	4205889.03	7704.695	0.00135	0.03070	2.65432E-07	1.3532E-03
610826.43	4205889.03	7110.48016	0.00125	0.03001	2.59466E-07	1.2488E-03
610833.43	4205889.03	6573.76894	0.00115	0.02935	2.53760E-07	1.1546E-03
610840.43	4205889.03	6090.39468	0.00107	0.02872	2.48313E-07	1.0697E-03
610847.43	4205889.03	5656.02315	0.00099	0.02811	2.43039E-07	9.9343E-04
610854.43	4205889.03	5266.24707	0.00092	0.02753	2.38024E-07	9.2498E-04
610861.43	4205889.03	4916.8406	0.00086	0.02698	2.33269E-07	8.6362E-04
610868.43	4205889.03	4603.64498	0.00081	0.02644	2.28600E-07	8.0862E-04
610875.43	4205889.03	4322.78967	0.00076	0.02593	2.24191E-07	7.5930E-04
610882.43	4205889.03	4070.74316	0.00071	0.02544	2.19954E-07	7.1503E-04
610889.43	4205889.03	3844.23869	0.00068	0.02497	2.15890E-07	6.7526E-04
610910.43	4205889.03	3290.53274	0.00058	0.02365	2.04478E-07	5.7801E-04
610917.43	4205889.03	3140.12462	0.00055	0.02325	2.01019E-07	5.5160E-04
610924.43	4205889.03	3003.48831	0.00053	0.02285	1.97561E-07	5.2760E-04
610931.43	4205889.03	2879.11682	0.00051	0.02247	1.94276E-07	5.0576E-04
610938.43	4205889.03	2765.56925	0.00049	0.02211	1.91163E-07	4.8582E-04
610945.43	4205889.03	2661.63446	0.00047	0.02175	1.88050E-07	4.6757E-04
610952.43	4205889.03	2566.20651	0.00045	0.02141	1.85111E-07	4.5081E-04
610959.43	4205889.03	2478.35171	0.00044	0.02107	1.82171E-07	4.3538E-04
610966.43	4205889.03	2397.1713	0.00042	0.02075	1.79404E-07	4.2112E-04
610973.43	4205889.03	2322.0198	0.00041	0.02044	1.76724E-07	4.0792E-04

611001.43	4205889.03	2069.58404	0.00036	0.01926	1.66522E-07	3.6358E-04
611008.43	4205889.03	2016.16983	0.00035	0.01899	1.64187E-07	3.5420E-04
611015.43	4205889.03	1965.89393	0.00035	0.01872	1.61853E-07	3.4537E-04
611022.43	4205889.03	1918.42676	0.00034	0.01846	1.59605E-07	3.3703E-04
611029.43	4205889.03	1873.53418	0.00033	0.01820	1.57357E-07	3.2915E-04
611036.43	4205889.03	1830.94851	0.00032	0.01795	1.55196E-07	3.2167E-04
611043.43	4205889.03	1790.4822	0.00031	0.01771	1.53121E-07	3.1456E-04
611050.43	4205889.03	1751.96918	0.00031	0.01747	1.51046E-07	3.0779E-04
611057.43	4205889.03	1715.2085	0.00030	0.01724	1.49057E-07	3.0134E-04
611064.43	4205889.03	1680.09495	0.00030	0.01701	1.47068E-07	2.9517E-04
611071.43	4205889.03	1646.44504	0.00029	0.01678	1.45080E-07	2.8926E-04
611078.43	4205889.03	1614.22785	0.00028	0.01657	1.43264E-07	2.8360E-04
611085.43	4205889.03	1583.27621	0.00028	0.01635	1.41362E-07	2.7816E-04
611092.43	4205889.03	1553.49253	0.00027	0.01614	1.39546E-07	2.7293E-04
610294.43	4205896.03	8805.99914	0.00155	0.14541	1.25721E-06	1.5476E-03
610301.43	4205896.03	9114.03469	0.00160	0.14420	1.24675E-06	1.6017E-03
610308.43	4205896.03	9435.16538	0.00166	0.14293	1.23577E-06	1.6580E-03
610315.43	4205896.03	9769.51613	0.00172	0.14163	1.22453E-06	1.7167E-03
610322.43	4205896.03	10118.61908	0.00178	0.14032	1.21321E-06	1.7780E-03
610329.43	4205896.03	10482.63684	0.00184	0.13896	1.20145E-06	1.8419E-03
610336.43	4205896.03	10861.7068	0.00191	0.13759	1.18960E-06	1.9085E-03
610343.43	4205896.03	11257.49539	0.00198	0.13617	1.17733E-06	1.9780E-03
610350.43	4205896.03	11674.24386	0.00205	0.13477	1.16522E-06	2.0511E-03
610357.43	4205896.03	12108.91761	0.00213	0.13335	1.15294E-06	2.1275E-03
610364.43	4205896.03	12561.56917	0.00221	0.13188	1.14023E-06	2.2069E-03
610371.43	4205896.03	13033.97888	0.00229	0.13040	1.12744E-06	2.2899E-03
610378.43	4205896.03	13525.75738	0.00238	0.12888	1.11430E-06	2.3762E-03
610385.43	4205896.03	14038.7902	0.00247	0.12734	1.10098E-06	2.4663E-03
610392.43	4205896.03	14572.56887	0.00256	0.12577	1.08741E-06	2.5600E-03
610399.43	4205896.03	15128.99849	0.00266	0.12418	1.07366E-06	2.6577E-03
610406.43	4205896.03	15708.10052	0.00276	0.12257	1.05974E-06	2.7594E-03
610413.43	4205896.03	16309.72857	0.00286	0.12093	1.04556E-06	2.8650E-03
610420.43	4205896.03	16935.85104	0.00297	0.11927	1.03121E-06	2.9749E-03
610427.43	4205896.03	17585.43987	0.00309	0.11759	1.01668E-06	3.0890E-03
610434.43	4205896.03	18260.32775	0.00321	0.11589	1.00198E-06	3.2075E-03
610441.43	4205896.03	18959.22378	0.00333	0.11417	9.87113E-07	3.3302E-03
610448.43	4205896.03	19683.64527	0.00346	0.11244	9.72156E-07	3.4574E-03
610455.43	4205896.03	20432.01157	0.00359	0.11068	9.56939E-07	3.5888E-03
610462.43	4205896.03	21205.39407	0.00372	0.10889	9.41462E-07	3.7246E-03
610469.43	4205896.03	22002.53207	0.00386	0.10708	9.25813E-07	3.8645E-03
610476.43	4205896.03	22821.29273	0.00401	0.10526	9.10077E-07	4.0083E-03
610483.43	4205896.03	23662.23218	0.00416	0.10342	8.94169E-07	4.1559E-03
610490.43	4205896.03	24521.4733	0.00431	0.10156	8.78087E-07	4.3068E-03
610504.43	4205896.03	26284.54451	0.00462	0.09781	8.45665E-07	4.6164E-03
610511.43	4205896.03	27183.52101	0.00477	0.09592	8.29324E-07	4.7742E-03
610518.43	4205896.03	28087.04279	0.00493	0.09402	8.12896E-07	4.9328E-03
610525.43	4205896.03	28991.83968	0.00509	0.09213	7.96556E-07	5.0917E-03
610532.43	4205896.03	29889.53154	0.00525	0.09023	7.80128E-07	5.2493E-03
610539.43	4205896.03	30775.13758	0.00540	0.08833	7.63701E-07	5.4048E-03
610553.43	4205896.03	32472.0041	0.00570	0.08455	7.31019E-07	5.7027E-03
610560.43	4205896.03	33264.72211	0.00584	0.08266	7.14678E-07	5.8419E-03
610567.43	4205896.03	34008.9336	0.00597	0.08079	6.98510E-07	5.9726E-03
610574.43	4205896.03	34692.7747	0.00609	0.07892	6.82342E-07	6.0927E-03
610581.43	4205896.03	35303.11179	0.00620	0.07707	6.66347E-07	6.1998E-03
610588.43	4205896.03	35830.75787	0.00629	0.07523	6.50438E-07	6.2925E-03
610595.43	4205896.03	36262.92972	0.00637	0.07341	6.34702E-07	6.3683E-03
610602.43	4205896.03	36590.25109	0.00643	0.07160	6.19053E-07	6.4258E-03
610609.43	4205896.03	36803.98316	0.00646	0.06981	6.03577E-07	6.4633E-03
610616.43	4205896.03	36894.13009	0.00648	0.06805	5.88360E-07	6.4791E-03
610623.43	4205896.03	36855.90827	0.00647	0.06630	5.73229E-07	6.4724E-03
610630.43	4205896.03	36682.34506	0.00644	0.06458	5.58358E-07	6.4419E-03
610658.43	4205896.03	34588.91046	0.00607	0.05795	5.01035E-07	6.0742E-03
610665.43	4205896.03	33733.70838	0.00592	0.05636	4.87288E-07	5.9241E-03
610672.43	4205896.03	32762.92573	0.00575	0.05481	4.73887E-07	5.7536E-03
610679.43	4205896.03	31683.9906	0.00556	0.05329	4.60745E-07	5.5641E-03
610686.43	4205896.03	30509.30602	0.00536	0.05181	4.47949E-07	5.3578E-03
610693.43	4205896.03	29252.38989	0.00514	0.05037	4.35499E-07	5.1371E-03
610700.43	4205896.03	27930.35784	0.00490	0.04896	4.23308E-07	4.9049E-03
610707.43	4205896.03	26558.70051	0.00466	0.04759	4.11463E-07	4.6641E-03
610714.43	4205896.03	25153.20597	0.00442	0.04627	4.00050E-07	4.4172E-03
610721.43	4205896.03	23728.59743	0.00417	0.04498	3.88897E-07	4.1671E-03
610728.43	4205896.03	22299.52057	0.00392	0.04374	3.78176E-07	3.9161E-03
610735.43	4205896.03	20879.55005	0.00367	0.04254	3.67801E-07	3.6668E-03
610742.43	4205896.03	19480.95786	0.00342	0.04137	3.57685E-07	3.4212E-03
610749.43	4205896.03	18115.54381	0.00318	0.04025	3.48001E-07	3.1814E-03
610756.43	4205896.03	16794.92301	0.00295	0.03918	3.38750E-07	2.9495E-03
610763.43	4205896.03	15528.91	0.00273	0.03814	3.29758E-07	2.7272E-03
610770.43	4205896.03	14324.81877	0.00252	0.03714	3.21112E-07	2.5157E-03
610777.43	4205896.03	13189.22146	0.00232	0.03619	3.12899E-07	2.3163E-03
610784.43	4205896.03	12126.58252	0.00213	0.03527	3.04944E-07	2.1297E-03
610791.43	4205896.03	11140.37461	0.00196	0.03439	2.97336E-07	1.9565E-03
610798.43	4205896.03	10230.5078	0.00180	0.03355	2.90073E-07	1.7967E-03
610805.43	4205896.03	9396.42454	0.00165	0.03275	2.83156E-07	1.6503E-03
610812.43	4205896.03	8636.57336	0.00152	0.03198	2.76499E-07	1.5168E-03
610819.43	4205896.03	7947.64104	0.00140	0.03124	2.70101E-07	1.3959E-03
610826.43	4205896.03	7325.92881	0.00129	0.03054	2.64049E-07	1.2867E-03
610833.43	4205896.03	6766.89843	0.00119	0.02986	2.58169E-07	1.1885E-03
610840.43	4205896.03	6265.49372	0.00110	0.02922	2.52636E-07	1.1005E-03
610847.43	4205896.03	5816.69726	0.00102	0.02860	2.47275E-07	1.0216E-03
610854.43	4205896.03	5415.4302	0.00095	0.02801	2.42174E-07	9.5118E-04
610861.43	4205896.03	5056.81972	0.00089	0.02744	2.37246E-07	8.8820E-04
610868.43	4205896.03	4736.26023	0.00083	0.02689	2.32491E-07	8.3191E-04
610875.43	4205896.03	4449.47965	0.00078	0.02637	2.27995E-07	7.8155E-04
610882.43	4205896.03	4192.49171	0.00074	0.02587	2.23672E-07	7.3642E-04
610889.43	4205896.03	3961.98537	0.00070	0.02538	2.19435E-07	6.9594E-04
610910.43	4205896.03	3399.29785	0.00060	0.02404	2.07850E-07	5.9712E-04
610917.43	4205896.03	3246.59906	0.00057	0.02363	2.04305E-07	5.7030E-04
610924.43	4205896.03	3107.91667	0.00055	0.02323	2.00846E-07	5.4594E-04
610931.43	4205896.03	2981.60899	0.00052	0.02284	1.97475E-07	5.2376E-04
610938.43	4205896.03	2866.2165	0.00050	0.02246	1.94189E-07	5.0350E-04
610945.43	4205896.03	2760.55939	0.00048	0.02210	1.91076E-07	4.8494E-04
610952.43	4205896.03	2663.44088	0.00047	0.02175	1.88050E-07	4.6788E-04
610959.43	4205896.03	2573.95024	0.00045	0.02141	1.85111E-07	4.5217E-04
610966.43	4205896.03	2491.26859	0.00044	0.02108	1.82258E-07	4.3764E-04
610973.43	4205896.03	2414.56791	0.00042	0.02076	1.79491E-07	4.2417E-04
611001.43	4205896.03	2156.14331	0.00038	0.01956	1.69116E-07	3.7878E-04
611008.43	4205896.03	2101.28406	0.00037	0.01928	1.66695E-07	3.6915E-04
611015.43	4205896.03	2049.56118	0.00036	0.01900	1.64274E-07	3.6006E-04
611022.43	4205896.03	2000.65616	0.00035	0.01873	1.61939E-07	3.5147E-04
611029.43	4205896.03	1954.34541	0.00034	0.01847	1.59692E-07	3.4334E-04
611036.43	4205896.03	1910.36802	0.00034	0.01822	1.57530E-07	3.3561E-04
611043.43	4205896.03	1868.5219	0.00033	0.01797	1.55369E-07	3.2826E-04
611050.43	4205896.03	1828.60702	0.00032	0.01773	1.53293E-07	3.2125E-04
611057.43	4205896.03	1790.48806	0.00031	0.01749	1.51218E-07	3.1456E-04
611064.43	4205896.03	1753.99545	0.00031	0.01725	1.49143E-07	3.0815E-04
611071.43	4205896.03	1719.05629	0.00030	0.01703	1.47241E-07	3.0201E-04
611078.43	4205896.03	1685.50612	0.00030	0.01680	1.45253E-07	2.9612E-04
611085.43	4205896.03	1653.26654	0.00029	0.01659	1.43437E-07	2.9045E-04
611092.43	4205896.03	1622.20985	0.00028	0.01637	1.41535E-07	2.8500E-04
610294.43	4205903.03	8814.7866	0.00155	0.14961	1.29353E-06	1.5492E-03
610301.43	4205903.03	9126.79492	0.00160	0.14838	1.28289E-06	1.6039E-03
610308.43	4205903.03	9452.4308	0.00166	0.14708	1.27165E-06	1.6611E-03
610315.43	4205903.03	9792.35642	0.00172	0.14575	1.26015E-06	1.7208E-03
610322.43	4205903.03	10147.11953	0.00178	0.14439	1.24840E-06	1.7831E-03
610329.43	4205903.03	10517.53408	0.00185	0.14302	1.23655E-06	1.8481E-03
610336.43	4205903.03	10904.13078	0.00191	0.14160	1.22427E-06	1.9160E-03
610343.43	4205903.03	11308.22777	0.00199	0.14015	1.21174E-06	1.9869E-03
610350.43	4205903.03	11733.93542	0.00206	0.13872	1.19937E-06	2.0617E-03
610357.43	4205903.03	12178.94204	0.00214	0.13726	1.18675E-06	2.1398E-03
610364.43	4205903.03	12643.06252	0.00222	0.13577	1.17387E-06	2.2213E-03
610371.43	4205903.03	13128.23352	0.00231	0.13425	1.16072E-06	2.3064E-03
610378.43	4205903.03	13634.13795	0.00239	0.13270	1.14732E-06	2.3953E-03
610385.43	4205903.03	14162.79048	0.00249	0.13112	1.13366E-06	2.4881E-03
610392.43	4205903.03	14714.49501	0.00258	0.12952	1.11983E-06	2.5850E-03
610399.43	4205903.03	15289.37312	0.00268	0.12788	1.10565E-06	2.6859E-03
610406.43	4205903.03	15889.53558	0.00279	0.12623	1.09138E-06	2.7913E-03
610413.43	4205903.03	16514.3822	0.00290	0.12454	1.07677E-06	2.9010E-03
610420.43	4205903.03	17166.25087	0.00301	0.12284	1.06207E-06	3.0154E-03
610427.43	4205903.03	17844.13901	0.00313	0.12111	1.04712E-06	3.1344E-03
610434.43	4205903.03	18550.32167	0.00326	0.11937	1.03207E-06	3.2584E-03
610441.43	4205903.03	19283.56074	0.00339	0.11759	1.01668E-06	3.3872E-03
610448.43	4205903.03	20046.01435	0.00352	0.11581	1.00129E-06	3.5210E-03
610455.43	4205903.03	20836.87845	0.00366	0.11401	9.85730E-07	3.6599E-03
610462.43	4205903.03	21655.24488	0.00380	0.11216	9.69735E-07	3.8036E-03
610469.43	4205903.03	22502.68907	0.00395	0.11029	9.53567E-07	3.9524E-03
610476.43	4205903.03	23376.49457	0.00410	0.10840	9.37226E-07	4.1058E-03
610483.43	4205903.03	24277.76698	0.00426	0.10651	9.20885E-07	4.2640E-03
610490.43	4205903.03	25202.77301	0.00443	0.10459	9.04285E-07	4.4265E-03
610504.43	4205903.03	27117.14192	0.00476	0.10071	8.70738E-07	4.7626E-03

610511.43	4205903.03	28100.19706	0.00493	0.09876	8.53878E-07	4.9352E-03
610518.43	4205903.03	29095.24441	0.00511	0.09680	8.36932E-07	5.1099E-03
610525.43	4205903.03	30098.03178	0.00529	0.09484	8.19986E-07	5.2860E-03
610532.43	4205903.03	31099.72458	0.00546	0.09287	8.02954E-07	5.4618E-03
610539.43	4205903.03	32093.96522	0.00564	0.09090	7.85921E-07	5.6364E-03
610560.43	4205903.03	34939.82746	0.00614	0.08502	7.35083E-07	6.1361E-03
610567.43	4205903.03	35806.8098	0.00629	0.08307	7.18223E-07	6.2883E-03
610574.43	4205903.03	36612.1215	0.00643	0.08114	7.01536E-07	6.4297E-03
610581.43	4205903.03	37343.54179	0.00656	0.07921	6.84849E-07	6.5581E-03
610588.43	4205903.03	37986.0256	0.00667	0.07730	6.68335E-07	6.6709E-03
610595.43	4205903.03	38527.67851	0.00677	0.07541	6.51994E-07	6.7660E-03
610602.43	4205903.03	38954.39247	0.00684	0.07354	6.35826E-07	6.8409E-03
610609.43	4205903.03	39255.77959	0.00689	0.07168	6.19745E-07	6.8938E-03
610616.43	4205903.03	39419.765	0.00692	0.06985	6.03923E-07	6.9226E-03
610658.43	4205903.03	37173.2336	0.00653	0.05936	5.13226E-07	6.5281E-03
610665.43	4205903.03	36258.04628	0.00637	0.05772	4.99047E-07	6.3673E-03
610672.43	4205903.03	35207.46899	0.00618	0.05611	4.85127E-07	6.1828E-03
610679.43	4205903.03	34032.07957	0.00598	0.05454	4.71553E-07	5.9764E-03
610686.43	4205903.03	32748.45775	0.00575	0.05300	4.58238E-07	5.7510E-03
610693.43	4205903.03	31373.5702	0.00551	0.05151	4.45355E-07	5.5096E-03
610700.43	4205903.03	29924.25661	0.00525	0.05005	4.32732E-07	5.2551E-03
610707.43	4205903.03	28418.77109	0.00499	0.04864	4.20541E-07	4.9907E-03
610714.43	4205903.03	26874.77237	0.00472	0.04727	4.08696E-07	4.7196E-03
610721.43	4205903.03	25309.88561	0.00444	0.04594	3.97197E-07	4.4448E-03
610728.43	4205903.03	23740.30573	0.00417	0.04466	3.86130E-07	4.1691E-03
610735.43	4205903.03	22182.17815	0.00390	0.04341	3.75323E-07	3.8955E-03
610742.43	4205903.03	20648.80327	0.00363	0.04222	3.65034E-07	3.6262E-03
610749.43	4205903.03	19154.24484	0.00336	0.04106	3.55005E-07	3.3638E-03
610756.43	4205903.03	17711.56864	0.00311	0.03995	3.45408E-07	3.1105E-03
610763.43	4205903.03	16332.23001	0.00287	0.03888	3.36156E-07	2.8682E-03
610770.43	4205903.03	15024.25061	0.00264	0.03786	3.27337E-07	2.6386E-03
610777.43	4205903.03	13795.04707	0.00242	0.03688	3.18864E-07	2.4227E-03
610784.43	4205903.03	12649.93277	0.00222	0.03594	3.10737E-07	2.2216E-03
610791.43	4205903.03	11591.7884	0.00204	0.03503	3.02869E-07	2.0358E-03
610798.43	4205903.03	10620.16643	0.00186	0.03417	2.95434E-07	1.8652E-03
610805.43	4205903.03	9734.10191	0.00171	0.03335	2.88344E-07	1.7096E-03
610812.43	4205903.03	8930.89664	0.00157	0.03256	2.81514E-07	1.5685E-03
610819.43	4205903.03	8206.61199	0.00144	0.03180	2.74943E-07	1.4413E-03
610826.43	4205903.03	7556.10776	0.00133	0.03108	2.68718E-07	1.3271E-03
610833.43	4205903.03	6973.93719	0.00122	0.03039	2.62752E-07	1.2249E-03
610840.43	4205903.03	6454.20327	0.00113	0.02973	2.57045E-07	1.1336E-03
610847.43	4205903.03	5990.72307	0.00105	0.02910	2.51598E-07	1.0522E-03
610854.43	4205903.03	5577.90687	0.00098	0.02849	2.46324E-07	9.7971E-04
610861.43	4205903.03	5210.0081	0.00091	0.02791	2.41310E-07	9.1511E-04
610868.43	4205903.03	4881.99197	0.00086	0.02735	2.36468E-07	8.5750E-04
610875.43	4205903.03	4589.18633	0.00081	0.02682	2.31886E-07	8.0608E-04
610882.43	4205903.03	4327.23813	0.00076	0.02631	2.27476E-07	7.6008E-04
610889.43	4205903.03	4092.55315	0.00072	0.02581	2.23153E-07	7.1887E-04
610910.43	4205903.03	3520.43143	0.00062	0.02444	2.11308E-07	6.1839E-04
610917.43	4205903.03	3365.1936	0.00059	0.02402	2.07677E-07	5.9113E-04
610924.43	4205903.03	3224.23761	0.00057	0.02361	2.04132E-07	5.6637E-04
610931.43	4205903.03	3095.80412	0.00054	0.02321	2.00674E-07	5.4382E-04
610938.43	4205903.03	2978.38516	0.00052	0.02283	1.97388E-07	5.2320E-04
610945.43	4205903.03	2870.76468	0.00050	0.02246	1.94189E-07	5.0429E-04
610952.43	4205903.03	2771.77297	0.00049	0.02210	1.91076E-07	4.8691E-04
610959.43	4205903.03	2680.44607	0.00047	0.02175	1.88050E-07	4.7087E-04
610966.43	4205903.03	2595.9343	0.00046	0.02142	1.85197E-07	4.5603E-04
610973.43	4205903.03	2517.43155	0.00044	0.02109	1.82344E-07	4.4224E-04
611001.43	4205903.03	2252.08021	0.00040	0.01986	1.71709E-07	3.9563E-04
611008.43	4205903.03	2195.50486	0.00039	0.01957	1.69202E-07	3.8569E-04
611015.43	4205903.03	2142.0855	0.00038	0.01929	1.66781E-07	3.7631E-04
611022.43	4205903.03	2091.53772	0.00037	0.01902	1.64447E-07	3.6743E-04
611029.43	4205903.03	2043.55572	0.00036	0.01875	1.62112E-07	3.5901E-04
611036.43	4205903.03	1997.93188	0.00035	0.01849	1.59864E-07	3.5099E-04
611043.43	4205903.03	1954.45908	0.00034	0.01824	1.57703E-07	3.4336E-04
611050.43	4205903.03	1912.97973	0.00034	0.01799	1.55541E-07	3.3607E-04
611057.43	4205903.03	1873.27525	0.00033	0.01775	1.53466E-07	3.2910E-04
611064.43	4205903.03	1835.2255	0.00032	0.01751	1.51391E-07	3.2241E-04
611071.43	4205903.03	1798.71269	0.00032	0.01727	1.49316E-07	3.1600E-04
611078.43	4205903.03	1763.66048	0.00031	0.01705	1.47414E-07	3.0984E-04
611085.43	4205903.03	1729.9177	0.00030	0.01682	1.45426E-07	3.0392E-04
611092.43	4205903.03	1697.41814	0.00030	0.01661	1.43610E-07	2.9821E-04
610294.43	4205910.03	8818.37412	0.00155	0.15403	1.33174E-06	1.5498E-03
610301.43	4205910.03	9134.2021	0.00160	0.15273	1.32050E-06	1.6053E-03
610308.43	4205910.03	9464.0885	0.00166	0.15141	1.30909E-06	1.6632E-03
610315.43	4205910.03	9808.72951	0.00172	0.15005	1.29733E-06	1.7237E-03
610322.43	4205910.03	10168.8626	0.00179	0.14866	1.28531E-06	1.7869E-03
610329.43	4205910.03	10545.12593	0.00185	0.14723	1.27295E-06	1.8530E-03
610336.43	4205910.03	10938.91216	0.00192	0.14578	1.26041E-06	1.9221E-03
610343.43	4205910.03	11350.45434	0.00199	0.14430	1.24762E-06	1.9944E-03
610350.43	4205910.03	11785.03518	0.00207	0.14283	1.23491E-06	2.0707E-03
610357.43	4205910.03	12240.098	0.00215	0.14135	1.22211E-06	2.1506E-03
610364.43	4205910.03	12715.24822	0.00223	0.13982	1.20888E-06	2.2340E-03
610371.43	4205910.03	13212.71454	0.00232	0.13827	1.19548E-06	2.3213E-03
610378.43	4205910.03	13732.86687	0.00241	0.13669	1.18182E-06	2.4126E-03
610385.43	4205910.03	14276.06164	0.00251	0.13507	1.16781E-06	2.5080E-03
610392.43	4205910.03	14844.55178	0.00261	0.13343	1.15364E-06	2.6078E-03
610399.43	4205910.03	15438.11234	0.00271	0.13175	1.13911E-06	2.7120E-03
610406.43	4205910.03	16058.93196	0.00282	0.13005	1.12441E-06	2.8210E-03
610413.43	4205910.03	16706.78296	0.00293	0.12832	1.10945E-06	2.9348E-03
610420.43	4205910.03	17383.98278	0.00305	0.12658	1.09441E-06	3.0537E-03
610427.43	4205910.03	18089.98659	0.00318	0.12480	1.07902E-06	3.1776E-03
610434.43	4205910.03	18827.3193	0.00331	0.12300	1.06346E-06	3.3071E-03
610441.43	4205910.03	19595.88578	0.00344	0.12119	1.04781E-06	3.4420E-03
610448.43	4205910.03	20395.52376	0.00358	0.11935	1.03190E-06	3.5824E-03
610455.43	4205910.03	21228.56251	0.00373	0.11748	1.01573E-06	3.7287E-03
610462.43	4205910.03	22093.43641	0.00388	0.11558	9.99304E-07	3.8806E-03
610469.43	4205910.03	22992.1703	0.00404	0.11365	9.82617E-07	4.0384E-03
610476.43	4205910.03	23922.58242	0.00420	0.11170	9.65758E-07	4.2017E-03
610483.43	4205910.03	24886.06227	0.00437	0.10974	9.48812E-07	4.3709E-03
610490.43	4205910.03	25879.54431	0.00454	0.10776	9.31692E-07	4.5453E-03
610560.43	4205910.03	36701.53669	0.00644	0.08749	7.56438E-07	6.4455E-03
610658.43	4205910.03	40050.47819	0.00703	0.06084	5.26022E-07	7.0333E-03
610665.43	4205910.03	39070.19154	0.00686	0.05913	5.11238E-07	6.8612E-03
610672.43	4205910.03	37933.42405	0.00666	0.05747	4.96885E-07	6.6615E-03
610679.43	4205910.03	36654.98779	0.00644	0.05584	4.82792E-07	6.4370E-03
610686.43	4205910.03	35252.53775	0.00619	0.05424	4.68959E-07	6.1907E-03
610693.43	4205910.03	33744.86473	0.00593	0.05269	4.55557E-07	5.9260E-03
610700.43	4205910.03	32152.54803	0.00565	0.05119	4.42588E-07	5.6464E-03
610707.43	4205910.03	30495.7909	0.00535	0.04972	4.29879E-07	5.3554E-03
610714.43	4205910.03	28795.81692	0.00506	0.04831	4.17688E-07	5.0569E-03
610721.43	4205910.03	27071.65192	0.00475	0.04693	4.05757E-07	4.7541E-03
610728.43	4205910.03	25342.73513	0.00445	0.04561	3.94344E-07	4.4505E-03
610735.43	4205910.03	23627.04546	0.00415	0.04433	3.83277E-07	4.1492E-03
610742.43	4205910.03	21940.51554	0.00385	0.04309	3.72556E-07	3.8531E-03
610749.43	4205910.03	20298.91381	0.00356	0.04190	3.62267E-07	3.5648E-03
610756.43	4205910.03	18717.67289	0.00329	0.04075	3.52324E-07	3.2871E-03
610763.43	4205910.03	17209.6595	0.00302	0.03966	3.42900E-07	3.0223E-03
610770.43	4205910.03	15784.85388	0.00277	0.03860	3.33735E-07	2.7721E-03
610777.43	4205910.03	14450.87732	0.00254	0.03759	3.25003E-07	2.5379E-03
610784.43	4205910.03	13213.8109	0.00232	0.03662	3.16616E-07	2.3206E-03
610791.43	4205910.03	12076.27522	0.00212	0.03570	3.08662E-07	2.1209E-03
610798.43	4205910.03	11037.30526	0.00194	0.03481	3.00967E-07	1.9384E-03
610805.43	4205910.03	10095.03946	0.00177	0.03397	2.93704E-07	1.7730E-03
610812.43	4205910.03	9245.72896	0.00162	0.03316	2.86701E-07	1.6238E-03
610819.43	4205910.03	8483.95005	0.00149	0.03238	2.79957E-07	1.4900E-03
610826.43	4205910.03	7803.5222	0.00137	0.03164	2.73559E-07	1.3706E-03
610833.43	4205910.03	7197.53746	0.00126	0.03094	2.67507E-07	1.2641E-03
610840.43	4205910.03	6658.95958	0.00117	0.03026	2.61628E-07	1.1696E-03
610847.43	4205910.03	6180.79935	0.00109	0.02961	2.56008E-07	1.0856E-03
610854.43	4205910.03	5756.17856	0.00101	0.02899	2.50647E-07	1.0110E-03
610861.43	4205910.03	5378.95014	0.00094	0.02840	2.45546E-07	9.4478E-04
610868.43	4205910.03	5043.39221	0.00089	0.02783	2.40618E-07	8.8585E-04
610875.43	4205910.03	4744.36465	0.00083	0.02729	2.35949E-07	8.3334E-04
610882.43	4205910.03	4477.3868	0.00079	0.02676	2.31367E-07	7.8645E-04
610889.43	4205910.03	4238.36112	0.00074	0.02626	2.27044E-07	7.4447E-04
610910.43	4205910.03	3656.19134	0.00064	0.02486	2.14939E-07	6.4224E-04
610917.43	4205910.03	3498.20581	0.00061	0.02442	2.11135E-07	6.1449E-04
610924.43	4205910.03	3354.62203	0.00059	0.02401	2.07590E-07	5.8927E-04
610931.43	4205910.03	3223.74949	0.00057	0.02360	2.04045E-07	5.6629E-04
610938.43	4205910.03	3104.00508	0.00055	0.02321	2.00674E-07	5.4526E-04
610945.43	4205910.03	2994.10986	0.00053	0.02283	1.97388E-07	5.2596E-04
610952.43	4205910.03	2892.93035	0.00051	0.02246	1.94189E-07	5.0819E-04
610959.43	4205910.03	2799.46236	0.00049	0.02211	1.91163E-07	4.9177E-04
610966.43	4205910.03	2712.79169	0.00048	0.02176	1.88137E-07	4.7655E-04
610973.43	4205910.03	2632.19134	0.00046	0.02143	1.85284E-07	4.6239E-04
611001.43	4205910.03	2358.65027	0.00041	0.02017	1.74390E-07	4.1435E-04
611008.43	4205910.03	2300.07493	0.00040	0.01988	1.71882E-07	4.0406E-04
611015.43	4205910.03	2244.67616	0.00039	0.01959	1.69375E-07	3.9433E-04

611022.43	4205910.03	2192.14153	0.00038	0.01931	1.66954E-07	3.8510E-04
611029.43	4205910.03	2142.24167	0.00038	0.01904	1.64620E-07	3.7634E-04
611036.43	4205910.03	2094.68427	0.00037	0.01877	1.62285E-07	3.6798E-04
611043.43	4205910.03	2049.31166	0.00036	0.01851	1.60037E-07	3.6001E-04
611050.43	4205910.03	2005.9469	0.00035	0.01826	1.57876E-07	3.5240E-04
611057.43	4205910.03	1964.41936	0.00034	0.01801	1.55714E-07	3.4510E-04
611064.43	4205910.03	1924.56876	0.00034	0.01777	1.53639E-07	3.3810E-04
611071.43	4205910.03	1886.27501	0.00033	0.01753	1.51564E-07	3.3138E-04
611078.43	4205910.03	1849.43618	0.00032	0.01730	1.49576E-07	3.2491E-04
611085.43	4205910.03	1813.96984	0.00032	0.01707	1.47587E-07	3.1868E-04
611092.43	4205910.03	1779.77583	0.00031	0.01685	1.45685E-07	3.1267E-04
610294.43	4205917.03	8816.61015	0.00155	0.15857	1.37100E-06	1.5495E-03
610301.43	4205917.03	9136.25231	0.00160	0.15726	1.35967E-06	1.6057E-03
610308.43	4205917.03	9470.40503	0.00166	0.15591	1.34800E-06	1.6643E-03
610315.43	4205917.03	9819.92684	0.00172	0.15453	1.33607E-06	1.7257E-03
610322.43	4205917.03	10185.43505	0.00179	0.15311	1.32379E-06	1.7899E-03
610329.43	4205917.03	10567.89517	0.00186	0.15166	1.31125E-06	1.8570E-03
610336.43	4205917.03	10967.9468	0.00193	0.15017	1.29837E-06	1.9272E-03
610343.43	4205917.03	11386.65048	0.00200	0.14865	1.28523E-06	2.0008E-03
610350.43	4205917.03	11830.30901	0.00208	0.14717	1.27243E-06	2.0786E-03
610357.43	4205917.03	12294.31147	0.00216	0.14564	1.25920E-06	2.1601E-03
610364.43	4205917.03	12780.76938	0.00224	0.14409	1.24580E-06	2.2455E-03
610371.43	4205917.03	13289.52633	0.00233	0.14250	1.23205E-06	2.3348E-03
610378.43	4205917.03	13822.94127	0.00243	0.14088	1.21805E-06	2.4285E-03
610385.43	4205917.03	14380.84503	0.00253	0.13922	1.20370E-06	2.5264E-03
610392.43	4205917.03	14965.83376	0.00263	0.13754	1.18917E-06	2.6292E-03
610399.43	4205917.03	15577.48217	0.00274	0.13583	1.17439E-06	2.7365E-03
610406.43	4205917.03	16218.72828	0.00285	0.13409	1.15934E-06	2.8491E-03
610413.43	4205917.03	16889.10646	0.00297	0.13231	1.14395E-06	2.9668E-03
610420.43	4205917.03	17590.57205	0.00309	0.13051	1.12839E-06	3.0900E-03
610427.43	4205917.03	18324.44154	0.00322	0.12868	1.11257E-06	3.2188E-03
610434.43	4205917.03	19092.65518	0.00335	0.12684	1.09666E-06	3.3537E-03
610441.43	4205917.03	19894.74557	0.00349	0.12496	1.08040E-06	3.4946E-03
610448.43	4205917.03	20732.43309	0.00364	0.12306	1.06398E-06	3.6416E-03
610455.43	4205917.03	21606.76842	0.00379	0.12113	1.04729E-06	3.7951E-03
610462.43	4205917.03	22518.5382	0.00395	0.11916	1.03026E-06	3.9552E-03
610469.43	4205917.03	23469.43126	0.00412	0.11718	1.01314E-06	4.1222E-03
610476.43	4205917.03	24457.43905	0.00429	0.11516	9.95673E-07	4.2957E-03
610483.43	4205917.03	25483.75967	0.00447	0.11313	9.78121E-07	4.4759E-03
610623.43	4205917.03	45438.52403	0.00798	0.07174	6.20264E-07	7.9795E-03
610630.43	4205917.03	45430.34102	0.00798	0.06981	6.03577E-07	7.9781E-03
610637.43	4205917.03	45206.44533	0.00794	0.06790	5.87063E-07	7.9387E-03
610644.43	4205917.03	44770.12195	0.00786	0.06603	5.70895E-07	7.8621E-03
610665.43	4205917.03	42222.39816	0.00741	0.06061	5.24034E-07	7.4147E-03
610672.43	4205917.03	40993.2765	0.00720	0.05888	5.09076E-07	7.1988E-03
610679.43	4205917.03	39600.51553	0.00695	0.05718	4.94378E-07	6.9543E-03
610686.43	4205917.03	38064.88553	0.00668	0.05554	4.80199E-07	6.6846E-03
610693.43	4205917.03	36408.67275	0.00639	0.05393	4.66279E-07	6.3937E-03
610700.43	4205917.03	34654.9831	0.00609	0.05237	4.52791E-07	6.0858E-03
610707.43	4205917.03	32827.48044	0.00576	0.05085	4.39649E-07	5.7649E-03
610714.43	4205917.03	30950.21724	0.00543	0.04938	4.26939E-07	5.4352E-03
610721.43	4205917.03	29045.22122	0.00510	0.04797	4.14748E-07	5.1007E-03
610728.43	4205917.03	27134.59064	0.00476	0.04659	4.02817E-07	4.7652E-03
610735.43	4205917.03	25239.05814	0.00443	0.04527	3.91404E-07	4.4323E-03
610742.43	4205917.03	23377.13364	0.00410	0.04399	3.80337E-07	4.1054E-03
610749.43	4205917.03	21566.83028	0.00379	0.04277	3.69789E-07	3.7875E-03
610756.43	4205917.03	19827.42724	0.00348	0.04159	3.59587E-07	3.4820E-03
610763.43	4205917.03	18172.92648	0.00319	0.04045	3.49731E-07	3.1915E-03
610770.43	4205917.03	16615.39947	0.00292	0.03937	3.40393E-07	2.9180E-03
610777.43	4205917.03	15163.27585	0.00266	0.03833	3.31401E-07	2.6630E-03
610784.43	4205917.03	13823.38493	0.00243	0.03733	3.22755E-07	2.4277E-03
610791.43	4205917.03	12598.0993	0.00221	0.03638	3.14541E-07	2.2125E-03
610798.43	4205917.03	11485.52957	0.00202	0.03547	3.06673E-07	2.0171E-03
610805.43	4205917.03	10482.52805	0.00184	0.03461	2.99238E-07	1.8410E-03
610812.43	4205917.03	9583.99484	0.00168	0.03378	2.92062E-07	1.6832E-03
610819.43	4205917.03	8782.90745	0.00154	0.03298	2.85145E-07	1.5425E-03
610826.43	4205917.03	8071.30804	0.00142	0.03223	2.78660E-07	1.4176E-03
610833.43	4205917.03	7440.94278	0.00131	0.03150	2.72349E-07	1.3069E-03
610840.43	4205917.03	6883.23446	0.00121	0.03081	2.66383E-07	1.2089E-03
610847.43	4205917.03	6390.02227	0.00112	0.03015	2.60677E-07	1.1223E-03
610854.43	4205917.03	5953.57495	0.00105	0.02951	2.55143E-07	1.0457E-03
610861.43	4205917.03	5566.95133	0.00098	0.02891	2.49956E-07	9.7779E-04
610868.43	4205917.03	5223.77114	0.00092	0.02832	2.44855E-07	9.1753E-04
610875.43	4205917.03	4918.3894	0.00086	0.02777	2.40099E-07	8.6390E-04
610882.43	4205917.03	4646.06715	0.00082	0.02723	2.35430E-07	8.1607E-04
610889.43	4205917.03	4402.42381	0.00077	0.02672	2.31021E-07	7.7329E-04
610910.43	4205917.03	3809.20946	0.00067	0.02528	2.18571E-07	6.6911E-04
610917.43	4205917.03	3648.1031	0.00064	0.02484	2.14767E-07	6.4081E-04
610924.43	4205917.03	3501.58148	0.00061	0.02441	2.11049E-07	6.1508E-04
610931.43	4205917.03	3367.87354	0.00059	0.02400	2.07504E-07	5.9160E-04
610938.43	4205917.03	3245.39968	0.00057	0.02360	2.04045E-07	5.7009E-04
610945.43	4205917.03	3132.84171	0.00055	0.02321	2.00674E-07	5.5032E-04
610952.43	4205917.03	3029.04094	0.00053	0.02284	1.97475E-07	5.3209E-04
610959.43	4205917.03	2932.98196	0.00052	0.02247	1.94276E-07	5.1522E-04
610966.43	4205917.03	2843.78958	0.00050	0.02212	1.91249E-07	4.9955E-04
610973.43	4205917.03	2760.70227	0.00048	0.02178	1.88310E-07	4.8496E-04
611001.43	4205917.03	2477.32916	0.00044	0.02049	1.77156E-07	4.3519E-04
611008.43	4205917.03	2416.39047	0.00042	0.02019	1.74563E-07	4.2449E-04
611015.43	4205917.03	2358.65634	0.00041	0.01990	1.72055E-07	4.1435E-04
611022.43	4205917.03	2303.81775	0.00040	0.01962	1.69634E-07	4.0471E-04
611029.43	4205917.03	2251.59352	0.00040	0.01934	1.67214E-07	3.9554E-04
611036.43	4205917.03	2201.76671	0.00039	0.01906	1.64793E-07	3.8679E-04
611043.43	4205917.03	2154.20322	0.00038	0.01880	1.62545E-07	3.7844E-04
611050.43	4205917.03	2108.61988	0.00037	0.01854	1.60297E-07	3.7043E-04
611057.43	4205917.03	2064.93666	0.00036	0.01828	1.58049E-07	3.6276E-04
611064.43	4205917.03	2022.94148	0.00036	0.01804	1.55974E-07	3.5538E-04
611071.43	4205917.03	1982.57134	0.00035	0.01779	1.53812E-07	3.4829E-04
611078.43	4205917.03	1943.70832	0.00034	0.01756	1.51824E-07	3.4146E-04
611085.43	4205917.03	1906.24794	0.00033	0.01732	1.49749E-07	3.3488E-04
611092.43	4205917.03	1870.08084	0.00033	0.01710	1.47847E-07	3.2853E-04
610294.43	4205924.03	8810.17687	0.00155	0.16332	1.41206E-06	1.5485E-03
610301.43	4205924.03	9133.31025	0.00160	0.16199	1.40056E-06	1.6052E-03
610308.43	4205924.03	9471.50765	0.00166	0.16062	1.38872E-06	1.6646E-03
610315.43	4205924.03	9825.48918	0.00173	0.15921	1.37653E-06	1.7267E-03
610322.43	4205924.03	10195.66881	0.00179	0.15776	1.36399E-06	1.7917E-03
610329.43	4205924.03	10583.7375	0.00186	0.15628	1.35120E-06	1.8598E-03
610336.43	4205924.03	10990.23277	0.00193	0.15477	1.33814E-06	1.9312E-03
610343.43	4205924.03	11416.58162	0.00200	0.15323	1.32483E-06	2.0061E-03
610350.43	4205924.03	11868.49372	0.00208	0.15171	1.31168E-06	2.0854E-03
610357.43	4205924.03	12341.65097	0.00217	0.15016	1.29828E-06	2.1685E-03
610364.43	4205924.03	12838.28512	0.00225	0.14857	1.28454E-06	2.2557E-03
610371.43	4205924.03	13358.53528	0.00235	0.14695	1.27053E-06	2.3470E-03
610378.43	4205924.03	13904.08416	0.00244	0.14529	1.25618E-06	2.4428E-03
610385.43	4205924.03	14476.98429	0.00254	0.14360	1.24156E-06	2.5434E-03
610392.43	4205924.03	15077.15634	0.00265	0.14187	1.22661E-06	2.6487E-03
610399.43	4205924.03	15707.41022	0.00276	0.14012	1.21148E-06	2.7594E-03
610406.43	4205924.03	16367.6708	0.00287	0.13833	1.19600E-06	2.8753E-03
610413.43	4205924.03	17060.9006	0.00300	0.13652	1.18035E-06	2.9970E-03
610420.43	4205924.03	17787.07807	0.00312	0.13467	1.16436E-06	3.1245E-03
610427.43	4205924.03	18547.49257	0.00326	0.13278	1.14802E-06	3.2580E-03
610434.43	4205924.03	19344.47749	0.00340	0.13087	1.13150E-06	3.3980E-03
610441.43	4205924.03	20180.50466	0.00354	0.12894	1.11481E-06	3.5448E-03
610448.43	4205924.03	21055.19461	0.00370	0.12698	1.09787E-06	3.6983E-03
610455.43	4205924.03	21971.75817	0.00386	0.12498	1.08058E-06	3.8593E-03
610462.43	4205924.03	22929.56129	0.00403	0.12294	1.06294E-06	4.0274E-03
610469.43	4205924.03	23931.80381	0.00420	0.12088	1.04513E-06	4.2034E-03
610476.43	4205924.03	24977.13968	0.00439	0.11879	1.02706E-06	4.3870E-03
610483.43	4205924.03	26068.46315	0.00458	0.11669	1.00890E-06	4.5786E-03
610504.43	4205924.03	29612.09148	0.00520	0.11027	9.53394E-07	5.2008E-03
610511.43	4205924.03	30880.2964	0.00542	0.10811	9.34719E-07	5.4234E-03
610518.43	4205924.03	32185.90382	0.00565	0.10593	9.15870E-07	5.6527E-03
610525.43	4205924.03	33527.65502	0.00589	0.10374	8.96936E-07	5.8883E-03
610532.43	4205924.03	34896.65159	0.00613	0.10155	8.78001E-07	6.1287E-03
610539.43	4205924.03	36288.13335	0.00637	0.09936	8.59066E-07	6.3730E-03
610546.43	4205924.03	37689.7187	0.00662	0.09716	8.40045E-07	6.6191E-03
610553.43	4205924.03	39091.88375	0.00686	0.09496	8.21024E-07	6.8653E-03
610560.43	4205924.03	40477.79306	0.00711	0.09277	8.02089E-07	7.1086E-03
610567.43	4205924.03	41832.95556	0.00735	0.09059	7.83241E-07	7.3466E-03
610574.43	4205924.03	43136.96008	0.00757	0.08842	7.64479E-07	7.5755E-03
610581.43	4205924.03	44367.65655	0.00779	0.08626	7.45804E-07	7.7916E-03
610588.43	4205924.03	45503.98188	0.00799	0.08411	7.27215E-07	7.9911E-03
610595.43	4205924.03	46520.25798	0.00817	0.08199	7.08885E-07	8.1696E-03
610602.43	4205924.03	47394.12896	0.00832	0.07988	6.90642E-07	8.3230E-03
610609.43	4205924.03	48100.25725	0.00845	0.07780	6.72658E-07	8.4470E-03
610616.43	4205924.03	48618.48321	0.00854	0.07574	6.54848E-07	8.5380E-03
610623.43	4205924.03	48928.32324	0.00859	0.07371	6.37296E-07	8.5923E-03
610630.43	4205924.03	49011.94552	0.00861	0.07170	6.19918E-07	8.6070E-03
610637.43	4205924.03	48849.27712	0.00858	0.06972	6.02799E-07	8.5784E-03
610644.43	4205924.03	48440.47313	0.00851	0.06777	5.85939E-07	8.5066E-03

610665.43	4205924.03	45773.58461	0.00804	0.06214	5.37262E-07	8.0383E-03
610672.43	4205924.03	44443.3253	0.00780	0.06035	5.21786E-07	7.8047E-03
610679.43	4205924.03	42923.66184	0.00754	0.05859	5.06569E-07	7.5378E-03
610686.43	4205924.03	41239.329	0.00724	0.05688	4.91784E-07	7.2420E-03
610693.43	4205924.03	39416.13547	0.00692	0.05521	4.77345E-07	6.9219E-03
610700.43	4205924.03	37480.7702	0.00658	0.05360	4.63425E-07	6.5820E-03
610707.43	4205924.03	35460.17034	0.00623	0.05203	4.49851E-07	6.2272E-03
610714.43	4205924.03	33381.50152	0.00586	0.05051	4.36709E-07	5.8622E-03
610721.43	4205924.03	31270.17943	0.00549	0.04904	4.24000E-07	5.4914E-03
610728.43	4205924.03	29151.25138	0.00512	0.04762	4.11722E-07	5.1193E-03
610735.43	4205924.03	27049.09857	0.00475	0.04625	3.99877E-07	4.7502E-03
610742.43	4205924.03	24983.04467	0.00439	0.04493	3.88465E-07	4.3874E-03
610749.43	4205924.03	22979.5559	0.00404	0.04366	3.77484E-07	4.0355E-03
610756.43	4205924.03	21057.8055	0.00370	0.04245	3.67022E-07	3.6981E-03
610763.43	4205924.03	19235.39152	0.00338	0.04128	3.56907E-07	3.3780E-03
610770.43	4205924.03	17526.3307	0.00308	0.04016	3.47223E-07	3.0779E-03
610777.43	4205924.03	15940.61335	0.00280	0.03909	3.37972E-07	2.7995E-03
610784.43	4205924.03	14485.26811	0.00254	0.03807	3.29153E-07	2.5439E-03
610791.43	4205924.03	13162.57395	0.00231	0.03709	3.20680E-07	2.3116E-03
610798.43	4205924.03	11969.43101	0.00210	0.03616	3.12639E-07	2.1021E-03
610805.43	4205924.03	10900.92017	0.00191	0.03527	3.04944E-07	1.9145E-03
610812.43	4205924.03	9950.01968	0.00175	0.03442	2.97595E-07	1.7475E-03
610819.43	4205924.03	9107.61391	0.00160	0.03360	2.90505E-07	1.5996E-03
610826.43	4205924.03	8363.89617	0.00147	0.03283	2.83848E-07	1.4690E-03
610833.43	4205924.03	7708.51642	0.00135	0.03209	2.77450E-07	1.3539E-03
610840.43	4205924.03	7131.35997	0.00125	0.03138	2.71311E-07	1.2525E-03
610847.43	4205924.03	6623.03637	0.00116	0.03070	2.65432E-07	1.1633E-03
610854.43	4205924.03	6174.54477	0.00108	0.03005	2.59812E-07	1.0845E-03
610861.43	4205924.03	5778.23519	0.00101	0.02943	2.54452E-07	1.0149E-03
610868.43	4205924.03	5427.13524	0.00095	0.02883	2.49264E-07	9.5324E-04
610875.43	4205924.03	5115.13196	0.00090	0.02826	2.44336E-07	8.9845E-04
610882.43	4205924.03	4837.11313	0.00085	0.02772	2.39667E-07	8.4963E-04
610889.43	4205924.03	4588.49471	0.00081	0.02719	2.35085E-07	8.0596E-04
610910.43	4205924.03	3982.84847	0.00070	0.02573	2.22461E-07	6.9960E-04
610917.43	4205924.03	3818.13139	0.00067	0.02527	2.18484E-07	6.7067E-04
610924.43	4205924.03	3668.12496	0.00064	0.02484	2.14767E-07	6.4433E-04
610931.43	4205924.03	3531.06221	0.00062	0.02441	2.11049E-07	6.2026E-04
610938.43	4205924.03	3405.36613	0.00060	0.02400	2.07504E-07	5.9818E-04
610945.43	4205924.03	3289.65381	0.00058	0.02361	2.04132E-07	5.7786E-04
610952.43	4205924.03	3182.69241	0.00056	0.02322	2.00760E-07	5.5907E-04
610959.43	4205924.03	3083.56153	0.00054	0.02285	1.97561E-07	5.4166E-04
610966.43	4205924.03	2991.30471	0.00053	0.02249	1.94448E-07	5.2546E-04
610973.43	4205924.03	2905.18744	0.00051	0.02214	1.91422E-07	5.1034E-04
611001.43	4205924.03	2610.02449	0.00046	0.02083	1.80096E-07	4.5849E-04
611008.43	4205924.03	2546.18631	0.00045	0.02052	1.77416E-07	4.4728E-04
611015.43	4205924.03	2485.62607	0.00044	0.02022	1.74822E-07	4.3665E-04
611022.43	4205924.03	2427.99602	0.00043	0.01993	1.72315E-07	4.2652E-04
611029.43	4205924.03	2373.03804	0.00042	0.01964	1.69807E-07	4.1687E-04
611036.43	4205924.03	2320.5341	0.00041	0.01936	1.67386E-07	4.0765E-04
611043.43	4205924.03	2270.28865	0.00040	0.01909	1.65052E-07	3.9882E-04
611050.43	4205924.03	2222.15512	0.00039	0.01883	1.62804E-07	3.9037E-04
611057.43	4205924.03	2175.91236	0.00038	0.01857	1.60556E-07	3.8225E-04
611064.43	4205924.03	2131.45432	0.00037	0.01831	1.58308E-07	3.7444E-04
611071.43	4205924.03	2088.62229	0.00037	0.01806	1.56147E-07	3.6691E-04
611078.43	4205924.03	2047.37444	0.00036	0.01782	1.54072E-07	3.5967E-04
611085.43	4205924.03	2007.60737	0.00035	0.01758	1.51997E-07	3.5268E-04
611092.43	4205924.03	1969.16283	0.00035	0.01735	1.50008E-07	3.4593E-04
610294.43	4205931.03	8797.81516	0.00154	0.16827	1.45486E-06	1.5463E-03
610301.43	4205931.03	9124.17389	0.00160	0.16692	1.44319E-06	1.6036E-03
610308.43	4205931.03	9465.93313	0.00166	0.16553	1.43117E-06	1.6636E-03
610315.43	4205931.03	9824.0592	0.00173	0.16410	1.41881E-06	1.7265E-03
610322.43	4205931.03	10199.30011	0.00179	0.16263	1.40610E-06	1.7924E-03
610329.43	4205931.03	10592.70459	0.00186	0.16112	1.39304E-06	1.8614E-03
610336.43	4205931.03	11005.14042	0.00193	0.15958	1.37973E-06	1.9339E-03
610343.43	4205931.03	11438.25745	0.00201	0.15801	1.36615E-06	2.0099E-03
610350.43	4205931.03	11897.1849	0.00209	0.15646	1.35275E-06	2.0905E-03
610357.43	4205931.03	12379.55463	0.00217	0.15488	1.33909E-06	2.1752E-03
610364.43	4205931.03	12885.30592	0.00226	0.15326	1.32509E-06	2.2640E-03
610371.43	4205931.03	13416.97987	0.00236	0.15160	1.31073E-06	2.3573E-03
610378.43	4205931.03	13974.77056	0.00245	0.14991	1.29612E-06	2.4552E-03
610385.43	4205931.03	14561.33658	0.00256	0.14818	1.28116E-06	2.5582E-03
610392.43	4205931.03	15176.77524	0.00267	0.14641	1.26586E-06	2.6663E-03
610399.43	4205931.03	15824.23818	0.00278	0.14462	1.25038E-06	2.7800E-03
610406.43	4205931.03	16503.63734	0.00290	0.14279	1.23456E-06	2.8992E-03
610413.43	4205931.03	17217.52179	0.00302	0.14092	1.21839E-06	3.0246E-03
610420.43	4205931.03	17967.58836	0.00316	0.13902	1.20197E-06	3.1563E-03
610427.43	4205931.03	18753.73015	0.00329	0.13708	1.18519E-06	3.2943E-03
610434.43	4205931.03	19580.68491	0.00344	0.13511	1.16816E-06	3.4395E-03
610441.43	4205931.03	20449.15963	0.00359	0.13312	1.15095E-06	3.5920E-03
610448.43	4205931.03	21361.19475	0.00375	0.13108	1.13332E-06	3.7521E-03
610455.43	4205931.03	22317.51948	0.00392	0.12900	1.11533E-06	3.9200E-03
610462.43	4205931.03	23322.12052	0.00410	0.12690	1.09718E-06	4.0964E-03
610469.43	4205931.03	24375.60278	0.00428	0.12477	1.07876E-06	4.2814E-03
610476.43	4205931.03	25479.71153	0.00447	0.12261	1.06009E-06	4.4752E-03
610483.43	4205931.03	26635.53924	0.00468	0.12043	1.04124E-06	4.6782E-03
610490.43	4205931.03	27844.36078	0.00489	0.11822	1.02213E-06	4.8904E-03
610504.43	4205931.03	30426.33013	0.00534	0.11377	9.83655E-07	5.3438E-03
610511.43	4205931.03	31797.43789	0.00558	0.11153	9.64288E-07	5.5845E-03
610518.43	4205931.03	33217.88497	0.00583	0.10927	9.44748E-07	5.8339E-03
610525.43	4205931.03	34687.29186	0.00609	0.10700	9.25121E-07	6.0919E-03
610532.43	4205931.03	36197.50909	0.00636	0.10473	9.05495E-07	6.3571E-03
610539.43	4205931.03	37744.6684	0.00663	0.10245	8.85782E-07	6.6288E-03
610546.43	4205931.03	39316.32979	0.00690	0.10016	8.65983E-07	6.9047E-03
610553.43	4205931.03	40903.42784	0.00718	0.09788	8.46270E-07	7.1834E-03
610560.43	4205931.03	42489.30948	0.00746	0.09560	8.26557E-07	7.4619E-03
610567.43	4205931.03	44054.24048	0.00774	0.09333	8.06931E-07	7.7366E-03
610574.43	4205931.03	45579.34186	0.00800	0.09107	7.87391E-07	8.0044E-03
610581.43	4205931.03	47037.39526	0.00826	0.08883	7.68024E-07	8.2604E-03
610588.43	4205931.03	48403.5356	0.00850	0.08660	7.48743E-07	8.5003E-03
610595.43	4205931.03	49646.55158	0.00872	0.08439	7.29636E-07	8.7186E-03
610602.43	4205931.03	50738.5469	0.00891	0.08220	7.10701E-07	8.9103E-03
610609.43	4205931.03	51648.89863	0.00907	0.08003	6.91939E-07	9.0701E-03
610616.43	4205931.03	52348.05673	0.00919	0.07789	6.73437E-07	9.1929E-03
610623.43	4205931.03	52812.74513	0.00927	0.07577	6.55107E-07	9.2745E-03
610630.43	4205931.03	53018.25816	0.00931	0.07368	6.37037E-07	9.3105E-03
610637.43	4205931.03	52939.52105	0.00930	0.07162	6.19226E-07	9.2967E-03
610644.43	4205931.03	52574.33091	0.00923	0.06960	6.01761E-07	9.2325E-03
610651.43	4205931.03	51922.37512	0.00912	0.06761	5.84556E-07	9.1180E-03
610672.43	4205931.03	48352.40941	0.00849	0.06188	5.35014E-07	8.4911E-03
610679.43	4205931.03	46691.47626	0.00820	0.06006	5.19278E-07	8.1994E-03
610686.43	4205931.03	44840.28863	0.00787	0.05828	5.03889E-07	7.8744E-03
610693.43	4205931.03	42829.48189	0.00752	0.05655	4.88931E-07	7.5213E-03
610700.43	4205931.03	40689.28599	0.00714	0.05487	4.74406E-07	7.1454E-03
610707.43	4205931.03	38450.33166	0.00675	0.05325	4.60399E-07	6.7523E-03
610714.43	4205931.03	36142.84002	0.00635	0.05167	4.46739E-07	6.3470E-03
610721.43	4205931.03	33795.43177	0.00593	0.05015	4.33597E-07	5.9348E-03
610728.43	4205931.03	31436.97873	0.00552	0.04868	4.20887E-07	5.5207E-03
610735.43	4205931.03	29093.32358	0.00511	0.04727	4.08696E-07	5.1091E-03
610742.43	4205931.03	26792.629	0.00470	0.04590	3.96851E-07	4.7051E-03
610749.43	4205931.03	24563.73066	0.00431	0.04460	3.85611E-07	4.3137E-03
610756.43	4205931.03	22430.68041	0.00394	0.04334	3.74717E-07	3.9392E-03
610763.43	4205931.03	20414.267	0.00358	0.04214	3.64342E-07	3.5851E-03
610770.43	4205931.03	18530.80244	0.00325	0.04099	3.54399E-07	3.2543E-03
610777.43	4205931.03	16792.8046	0.00295	0.03988	3.44802E-07	2.9491E-03
610784.43	4205931.03	15207.43886	0.00267	0.03883	3.35724E-07	2.6707E-03
610791.43	4205931.03	13776.39132	0.00242	0.03783	3.27078E-07	2.4194E-03
610798.43	4205931.03	12494.87118	0.00219	0.03687	3.18778E-07	2.1944E-03
610805.43	4205931.03	11355.73261	0.00199	0.03595	3.10824E-07	1.9944E-03
610812.43	4205931.03	10349.33371	0.00182	0.03508	3.03302E-07	1.8176E-03
610819.43	4205931.03	9463.88634	0.00166	0.03425	2.96125E-07	1.6621E-03
610826.43	4205931.03	8686.94479	0.00153	0.03345	2.89209E-07	1.5257E-03
610833.43	4205931.03	8006.01022	0.00141	0.03269	2.82638E-07	1.4061E-03
610840.43	4205931.03	7409.12033	0.00130	0.03196	2.76326E-07	1.3013E-03
610847.43	4205931.03	6885.23732	0.00121	0.03127	2.70360E-07	1.2093E-03
610854.43	4205931.03	6424.47902	0.00113	0.03061	2.64654E-07	1.1284E-03
610861.43	4205931.03	6018.10434	0.00106	0.02997	2.59120E-07	1.0570E-03
610868.43	4205931.03	5658.1166	0.00099	0.02936	2.53846E-07	9.9391E-04
610875.43	4205931.03	5339.60107	0.00094	0.02878	2.48832E-07	9.3787E-04
610882.43	4205931.03	5055.3536	0.00089	0.02822	2.43990E-07	8.8795E-04
610889.43	4205931.03	4801.15333	0.00084	0.02768	2.39321E-07	8.4331E-04
610910.43	4205931.03	4181.17163	0.00073	0.02618	2.26352E-07	7.3443E-04
610917.43	4205931.03	4012.15705	0.00070	0.02572	2.22375E-07	7.0475E-04
610924.43	4205931.03	3858.02214	0.00068	0.02527	2.18484E-07	6.7768E-04
610931.43	4205931.03	3716.92144	0.00065	0.02484	2.14767E-07	6.5290E-04
610938.43	4205931.03	3587.2212	0.00063	0.02442	2.11135E-07	6.3012E-04
610945.43	4205931.03	3467.62725	0.00061	0.02402	2.07677E-07	6.0912E-04
610952.43	4205931.03	3356.85078	0.00059	0.02362	2.04218E-07	5.8966E-04
610959.43	4205931.03	3253.86521	0.00057	0.02324	2.00933E-07	5.7157E-04
610966.43	4205931.03	3157.85288	0.00055	0.02287	1.97734E-07	5.5471E-04

610973.43	4205931.03	3068.04605	0.00054	0.02251	1.94621E-07	5.3894E-04
611001.43	4205931.03	2758.52559	0.00048	0.02117	1.83036E-07	4.8457E-04
611008.43	4205931.03	2691.24233	0.00047	0.02085	1.80269E-07	4.7276E-04
611015.43	4205931.03	2627.24573	0.00046	0.02055	1.77675E-07	4.6152E-04
611022.43	4205931.03	2566.28469	0.00045	0.02025	1.75081E-07	4.5081E-04
611029.43	4205931.03	2508.08569	0.00044	0.01996	1.72574E-07	4.4059E-04
611036.43	4205931.03	2452.38203	0.00043	0.01967	1.70067E-07	4.3080E-04
611043.43	4205931.03	2399.01208	0.00042	0.01939	1.67646E-07	4.2143E-04
611050.43	4205931.03	2347.80057	0.00041	0.01912	1.65311E-07	4.1243E-04
611057.43	4205931.03	2298.57251	0.00040	0.01886	1.63063E-07	4.0379E-04
611064.43	4205931.03	2251.16624	0.00040	0.01860	1.60816E-07	3.9546E-04
611071.43	4205931.03	2205.51905	0.00039	0.01834	1.58568E-07	3.8744E-04
611078.43	4205931.03	2161.48127	0.00038	0.01809	1.56406E-07	3.7971E-04
611085.43	4205931.03	2118.97399	0.00037	0.01785	1.54331E-07	3.7224E-04
611092.43	4205931.03	2077.89109	0.00036	0.01762	1.52342E-07	3.6503E-04
610294.43	4205938.03	8780.46207	0.00154	0.17345	1.49965E-06	1.5433E-03
610301.43	4205938.03	9109.60124	0.00160	0.17207	1.48772E-06	1.6011E-03
610308.43	4205938.03	9454.59116	0.00166	0.17066	1.47553E-06	1.6617E-03
610315.43	4205938.03	9816.45877	0.00172	0.16921	1.46299E-06	1.7252E-03
610322.43	4205938.03	10195.95748	0.00179	0.16771	1.45002E-06	1.7918E-03
610329.43	4205938.03	10594.19273	0.00186	0.16618	1.43679E-06	1.8618E-03
610336.43	4205938.03	11011.56805	0.00193	0.16461	1.42322E-06	1.9350E-03
610343.43	4205938.03	11451.44833	0.00201	0.16301	1.40938E-06	2.0123E-03
610350.43	4205938.03	11917.53403	0.00209	0.16143	1.39572E-06	2.0941E-03
610357.43	4205938.03	12407.26985	0.00218	0.15981	1.38172E-06	2.1801E-03
610364.43	4205938.03	12922.71705	0.00227	0.15816	1.36745E-06	2.2706E-03
610371.43	4205938.03	13464.06807	0.00236	0.15647	1.35284E-06	2.3656E-03
610378.43	4205938.03	14034.02571	0.00246	0.15474	1.33788E-06	2.4657E-03
610385.43	4205938.03	14632.86613	0.00257	0.15297	1.32258E-06	2.5708E-03
610392.43	4205938.03	15263.66261	0.00268	0.15117	1.30702E-06	2.6816E-03
610399.43	4205938.03	15926.62421	0.00280	0.14933	1.29111E-06	2.7980E-03
610406.43	4205938.03	16625.23903	0.00292	0.14746	1.27494E-06	2.9206E-03
610413.43	4205938.03	17359.80291	0.00305	0.14554	1.25834E-06	3.0496E-03
610420.43	4205938.03	18132.09381	0.00318	0.14359	1.24148E-06	3.1852E-03
610427.43	4205938.03	18944.28674	0.00333	0.14159	1.22419E-06	3.3278E-03
610434.43	4205938.03	19799.14736	0.00348	0.13956	1.20664E-06	3.4779E-03
610441.43	4205938.03	20699.26748	0.00363	0.13750	1.18882E-06	3.6359E-03
610448.43	4205938.03	21646.87547	0.00380	0.13538	1.17049E-06	3.8023E-03
610455.43	4205938.03	22644.24413	0.00398	0.13323	1.15191E-06	3.9774E-03
610462.43	4205938.03	23693.89372	0.00416	0.13105	1.13306E-06	4.1617E-03
610469.43	4205938.03	24798.30231	0.00435	0.12885	1.11404E-06	4.3556E-03
610476.43	4205938.03	25959.56198	0.00456	0.12661	1.09467E-06	4.5595E-03
610483.43	4205938.03	27180.02301	0.00477	0.12435	1.07513E-06	4.7738E-03
610490.43	4205938.03	28462.96368	0.00500	0.12206	1.05533E-06	4.9991E-03
610504.43	4205938.03	31223.24925	0.00548	0.11746	1.01556E-06	5.4837E-03
610511.43	4205938.03	32700.68537	0.00574	0.11513	9.95413E-07	5.7432E-03
610518.43	4205938.03	34240.64479	0.00601	0.11278	9.75095E-07	6.0136E-03
610525.43	4205938.03	35844.2857	0.00629	0.11043	9.54777E-07	6.2951E-03
610532.43	4205938.03	37504.70815	0.00659	0.10806	9.34286E-07	6.5867E-03
610539.43	4205938.03	39219.23423	0.00689	0.10569	9.13795E-07	6.8877E-03
610546.43	4205938.03	40977.98772	0.00720	0.10332	8.93304E-07	7.1965E-03
610553.43	4205938.03	42767.64627	0.00751	0.10094	8.72727E-07	7.5108E-03
610560.43	4205938.03	44576.1212	0.00783	0.09858	8.52322E-07	7.8283E-03
610567.43	4205938.03	46380.90195	0.00814	0.09621	8.31831E-07	8.1452E-03
610574.43	4205938.03	48160.77979	0.00846	0.09386	8.11513E-07	8.4577E-03
610581.43	4205938.03	49885.27682	0.00876	0.09152	7.91281E-07	8.7605E-03
610588.43	4205938.03	51524.56492	0.00905	0.08920	7.71223E-07	9.0484E-03
610595.43	4205938.03	53042.05804	0.00931	0.08690	7.51337E-07	9.3148E-03
610602.43	4205938.03	54399.78788	0.00955	0.08462	7.31624E-07	9.5532E-03
610609.43	4205938.03	55562.16488	0.00976	0.08237	7.12171E-07	9.7573E-03
610616.43	4205938.03	56490.4061	0.00992	0.08014	6.92890E-07	9.9203E-03
610623.43	4205938.03	57153.42127	0.01004	0.07793	6.73782E-07	1.0037E-02
610630.43	4205938.03	57518.77439	0.01010	0.07576	6.55021E-07	1.0101E-02
610637.43	4205938.03	57554.41638	0.01011	0.07362	6.36518E-07	1.0107E-02
610644.43	4205938.03	57254.06641	0.01005	0.07151	6.18275E-07	1.0054E-02
610651.43	4205938.03	56616.29283	0.00994	0.06944	6.00378E-07	9.9423E-03
610672.43	4205938.03	52805.01681	0.00927	0.06348	5.48848E-07	9.2730E-03
610679.43	4205938.03	50985.95753	0.00895	0.06159	5.32507E-07	8.9536E-03
610686.43	4205938.03	48947.56644	0.00860	0.05974	5.16512E-07	8.5956E-03
610693.43	4205938.03	46725.93254	0.00820	0.05795	5.01035E-07	8.2055E-03
610700.43	4205938.03	44355.16193	0.00779	0.05621	4.85991E-07	7.7892E-03
610707.43	4205938.03	41869.37991	0.00735	0.05452	4.71380E-07	7.3526E-03
610714.43	4205938.03	39301.77564	0.00690	0.05289	4.57287E-07	6.9018E-03
610721.43	4205938.03	36683.95911	0.00644	0.05131	4.43626E-07	6.4421E-03
610728.43	4205938.03	34047.96372	0.00598	0.04979	4.30484E-07	5.9792E-03
610735.43	4205938.03	31423.31766	0.00552	0.04832	4.17774E-07	5.5183E-03
610742.43	4205938.03	28848.10504	0.00507	0.04691	4.05584E-07	5.0661E-03
610749.43	4205938.03	26355.77665	0.00463	0.04556	3.93912E-07	4.6284E-03
610756.43	4205938.03	23974.45942	0.00421	0.04427	3.82758E-07	4.2102E-03
610763.43	4205938.03	21731.55481	0.00382	0.04303	3.72037E-07	3.8164E-03
610770.43	4205938.03	19645.99388	0.00345	0.04184	3.61748E-07	3.4502E-03
610777.43	4205938.03	17733.09687	0.00311	0.04071	3.51978E-07	3.1142E-03
610784.43	4205938.03	16000.25313	0.00281	0.03962	3.42554E-07	2.8100E-03
610791.43	4205938.03	14448.29215	0.00254	0.03859	3.33649E-07	2.5374E-03
610798.43	4205938.03	13069.7621	0.00230	0.03760	3.25089E-07	2.2953E-03
610805.43	4205938.03	11854.57161	0.00208	0.03666	3.16962E-07	2.0820E-03
610812.43	4205938.03	10789.39441	0.00189	0.03577	3.09267E-07	1.8949E-03
610819.43	4205938.03	9859.1095	0.00173	0.03491	3.01832E-07	1.7315E-03
610826.43	4205938.03	9048.00024	0.00159	0.03410	2.94828E-07	1.5891E-03
610833.43	4205938.03	8340.93447	0.00146	0.03332	2.88085E-07	1.4649E-03
610840.43	4205938.03	7723.82276	0.00136	0.03257	2.81600E-07	1.3566E-03
610847.43	4205938.03	7183.98783	0.00126	0.03186	2.75461E-07	1.2618E-03
610854.43	4205938.03	6710.41992	0.00118	0.03118	2.69582E-07	1.1786E-03
610861.43	4205938.03	6293.50846	0.00111	0.03053	2.63962E-07	1.1054E-03
610868.43	4205938.03	5925.05211	0.00104	0.02991	2.58602E-07	1.0407E-03
610875.43	4205938.03	5598.11377	0.00098	0.02931	2.53414E-07	9.8327E-04
610882.43	4205938.03	5306.81124	0.00093	0.02874	2.48486E-07	9.3211E-04
610889.43	4205938.03	5046.11637	0.00089	0.02819	2.43731E-07	8.8633E-04
610910.43	4205938.03	4409.0021	0.00077	0.02665	2.30416E-07	7.7444E-04
610917.43	4205938.03	4234.75229	0.00074	0.02618	2.26352E-07	7.4384E-04
610924.43	4205938.03	4075.52743	0.00072	0.02572	2.22375E-07	7.1588E-04
610931.43	4205938.03	3929.44117	0.00069	0.02528	2.18571E-07	6.9022E-04
610938.43	4205938.03	3794.78714	0.00067	0.02485	2.14853E-07	6.6657E-04
610945.43	4205938.03	3670.30188	0.00064	0.02444	2.11308E-07	6.4471E-04
610952.43	4205938.03	3554.72229	0.00062	0.02403	2.07763E-07	6.2441E-04
610959.43	4205938.03	3447.07135	0.00061	0.02364	2.04391E-07	6.0550E-04
610966.43	4205938.03	3346.41072	0.00059	0.02326	2.01106E-07	5.8782E-04
610973.43	4205938.03	3251.98301	0.00057	0.02290	1.97993E-07	5.7124E-04
611001.43	4205938.03	2924.9548	0.00051	0.02152	1.86062E-07	5.1380E-04
611008.43	4205938.03	2853.50188	0.00050	0.02120	1.83295E-07	5.0125E-04
611015.43	4205938.03	2785.43431	0.00049	0.02089	1.80615E-07	4.8930E-04
611022.43	4205938.03	2720.4764	0.00048	0.02058	1.77935E-07	4.7789E-04
611029.43	4205938.03	2658.37681	0.00047	0.02028	1.75341E-07	4.6698E-04
611036.43	4205938.03	2598.859	0.00046	0.01999	1.72833E-07	4.5653E-04
611043.43	4205938.03	2541.78045	0.00045	0.01970	1.70326E-07	4.4650E-04
611050.43	4205938.03	2486.94349	0.00044	0.01943	1.67992E-07	4.3687E-04
611057.43	4205938.03	2434.18174	0.00043	0.01915	1.65571E-07	4.2760E-04
611064.43	4205938.03	2383.34331	0.00042	0.01889	1.63323E-07	4.1867E-04
611092.43	4205938.03	2197.24368	0.00039	0.01789	1.54677E-07	3.8599E-04
610294.43	4205945.03	8757.64577	0.00154	0.17885	1.54634E-06	1.5394E-03
610301.43	4205945.03	9088.76977	0.00160	0.17745	1.53423E-06	1.5975E-03
610308.43	4205945.03	9436.67686	0.00166	0.17602	1.52187E-06	1.6586E-03
610315.43	4205945.03	9801.73588	0.00172	0.17454	1.50907E-06	1.7227E-03
610322.43	4205945.03	10185.05274	0.00179	0.17302	1.49593E-06	1.7900E-03
610329.43	4205945.03	10587.61353	0.00186	0.17147	1.48253E-06	1.8606E-03
610336.43	4205945.03	11010.55909	0.00193	0.16987	1.46870E-06	1.9349E-03
610343.43	4205945.03	11455.54108	0.00201	0.16824	1.45460E-06	2.0130E-03
610350.43	4205945.03	11928.7258	0.00209	0.16664	1.44077E-06	2.0961E-03
610357.43	4205945.03	12425.99137	0.00218	0.16499	1.42650E-06	2.1834E-03
610364.43	4205945.03	12949.85395	0.00227	0.16330	1.41189E-06	2.2754E-03
610371.43	4205945.03	13500.80626	0.00237	0.16157	1.39693E-06	2.3721E-03
610378.43	4205945.03	14081.62005	0.00247	0.15981	1.38172E-06	2.4741E-03
610385.43	4205945.03	14692.7046	0.00258	0.15800	1.36607E-06	2.5814E-03
610392.43	4205945.03	15336.49945	0.00269	0.15615	1.35007E-06	2.6944E-03
610399.43	4205945.03	16015.89078	0.00281	0.15427	1.33382E-06	2.8137E-03
610406.43	4205945.03	16731.19143	0.00294	0.15235	1.31722E-06	2.9393E-03
610413.43	4205945.03	17486.34581	0.00307	0.15040	1.30036E-06	3.0719E-03
610420.43	4205945.03	18279.88786	0.00321	0.14838	1.28289E-06	3.2112E-03
610427.43	4205945.03	19116.00368	0.00336	0.14632	1.26508E-06	3.3580E-03
610434.43	4205945.03	19999.01771	0.00351	0.14423	1.24701E-06	3.5130E-03
610441.43	4205945.03	20929.64571	0.00368	0.14208	1.22842E-06	3.6764E-03
610448.43	4205945.03	21911.71462	0.00385	0.13990	1.20957E-06	3.8489E-03
610455.43	4205945.03	22949.19982	0.00403	0.13768	1.19038E-06	4.0310E-03
610462.43	4205945.03	24042.97308	0.00422	0.13542	1.17084E-06	4.2231E-03
610469.43	4205945.03	25197.1994	0.00442	0.13313	1.15104E-06	4.4257E-03
610476.43	4205945.03	26416.36943	0.00464	0.13082	1.13107E-06	4.6398E-03
610483.43	4205945.03	27700.94582	0.00486	0.12847	1.11075E-06	4.8653E-03
610490.43	4205945.03	29056.77439	0.00510	0.12610	1.09026E-06	5.1034E-03
610504.43	4205945.03	31997.17415	0.00562	0.12133	1.04902E-06	5.6197E-03

610511.43	4205945.03	33583.39225	0.00590	0.11891	1.02810E-06	5.8982E-03
610518.43	4205945.03	35246.56243	0.00619	0.11647	1.00700E-06	6.1902E-03
610525.43	4205945.03	36990.03257	0.00650	0.11403	9.85903E-07	6.4964E-03
610532.43	4205945.03	38810.1879	0.00681	0.11157	9.64634E-07	6.8159E-03
610539.43	4205945.03	40701.63411	0.00715	0.10911	9.43365E-07	7.1481E-03
610546.43	4205945.03	42660.91376	0.00749	0.10664	9.22009E-07	7.4921E-03
610553.43	4205945.03	44674.1852	0.00784	0.10417	9.00653E-07	7.8456E-03
610560.43	4205945.03	46730.37889	0.00821	0.10170	8.79298E-07	8.2066E-03
610567.43	4205945.03	48806.28086	0.00857	0.09924	8.58029E-07	8.5711E-03
610574.43	4205945.03	50879.46503	0.00893	0.09679	8.36846E-07	8.9352E-03
610581.43	4205945.03	52916.80416	0.00929	0.09436	8.15836E-07	9.2929E-03
610588.43	4205945.03	54879.31951	0.00964	0.09194	7.94913E-07	9.6375E-03
610595.43	4205945.03	56727.1652	0.00996	0.08955	7.74249E-07	9.9619E-03
610602.43	4205945.03	58411.7062	0.01026	0.08717	7.53671E-07	1.0258E-02
610609.43	4205945.03	59887.67965	0.01052	0.08482	7.33353E-07	1.0517E-02
610616.43	4205945.03	61105.42136	0.01073	0.08249	7.13208E-07	1.0731E-02
610623.43	4205945.03	62022.99478	0.01089	0.08020	6.93409E-07	1.0892E-02
610630.43	4205945.03	62597.77213	0.01099	0.07793	6.73782E-07	1.0993E-02
610637.43	4205945.03	62788.25963	0.01103	0.07570	6.54502E-07	1.1026E-02
610644.43	4205945.03	62582.06575	0.01099	0.07351	6.35567E-07	1.0990E-02
610651.43	4205945.03	61975.14629	0.01088	0.07135	6.16892E-07	1.0883E-02
610658.43	4205945.03	60976.68397	0.01071	0.06924	5.98649E-07	1.0708E-02
610679.43	4205945.03	55909.18721	0.00982	0.06318	5.46254E-07	9.8181E-03
610686.43	4205945.03	53660.94145	0.00942	0.06126	5.29654E-07	9.4233E-03
610693.43	4205945.03	51201.3981	0.00899	0.05940	5.13572E-07	8.9914E-03
610700.43	4205945.03	48571.7233	0.00853	0.05759	4.97923E-07	8.5296E-03
610707.43	4205945.03	45808.24273	0.00804	0.05584	4.82792E-07	8.0443E-03
610714.43	4205945.03	42945.00309	0.00754	0.05415	4.68181E-07	7.5415E-03
610721.43	4205945.03	40017.16838	0.00703	0.05251	4.54001E-07	7.0274E-03
610728.43	4205945.03	37053.22355	0.00651	0.05094	4.40427E-07	6.5069E-03
610735.43	4205945.03	34103.21522	0.00599	0.04942	4.27285E-07	5.9889E-03
610742.43	4205945.03	31205.04265	0.00548	0.04796	4.14662E-07	5.4800E-03
610749.43	4205945.03	28399.90347	0.00499	0.04657	4.02644E-07	4.9874E-03
610756.43	4205945.03	25725.38039	0.00452	0.04523	3.91058E-07	4.5177E-03
610763.43	4205945.03	23214.99695	0.00408	0.04395	3.79991E-07	4.0769E-03
610770.43	4205945.03	20893.08017	0.00367	0.04273	3.69443E-07	3.6691E-03
610777.43	4205945.03	18777.41929	0.00330	0.04156	3.59328E-07	3.2976E-03
610784.43	4205945.03	16876.88673	0.00296	0.04044	3.49644E-07	2.9639E-03
610791.43	4205945.03	15189.44986	0.00267	0.03938	3.40479E-07	2.6676E-03
610798.43	4205945.03	13704.58425	0.00241	0.03837	3.31747E-07	2.4068E-03
610805.43	4205945.03	12407.49647	0.00218	0.03740	3.23360E-07	2.1791E-03
610812.43	4205945.03	11280.45882	0.00198	0.03648	3.15406E-07	1.9811E-03
610819.43	4205945.03	10303.36116	0.00181	0.03560	3.07797E-07	1.8096E-03
610826.43	4205945.03	9457.08135	0.00166	0.03476	3.00535E-07	1.6609E-03
610833.43	4205945.03	8723.1025	0.00153	0.03397	2.93704E-07	1.5321E-03
610840.43	4205945.03	8085.14726	0.00142	0.03320	2.87047E-07	1.4200E-03
610847.43	4205945.03	7528.75877	0.00132	0.03247	2.80735E-07	1.3223E-03
610854.43	4205945.03	7041.49567	0.00124	0.03178	2.74770E-07	1.2367E-03
610861.43	4205945.03	6612.94352	0.00116	0.03111	2.68977E-07	1.1615E-03
610868.43	4205945.03	6234.4084	0.00109	0.03047	2.63443E-07	1.0950E-03
610875.43	4205945.03	5898.42433	0.00104	0.02986	2.58169E-07	1.0360E-03
610882.43	4205945.03	5598.88719	0.00098	0.02927	2.53068E-07	9.8341E-04
610910.43	4205945.03	4672.31227	0.00082	0.02714	2.34652E-07	8.2068E-04
610917.43	4205945.03	4491.41679	0.00079	0.02666	2.30502E-07	7.8891E-04
610924.43	4205945.03	4325.67346	0.00076	0.02619	2.26439E-07	7.5981E-04
610931.43	4205945.03	4173.26084	0.00073	0.02573	2.22461E-07	7.3304E-04
610938.43	4205945.03	4032.45649	0.00071	0.02530	2.18744E-07	7.0831E-04
610945.43	4205945.03	3901.85506	0.00069	0.02487	2.15026E-07	6.8537E-04
610952.43	4205945.03	3780.3005	0.00066	0.02446	2.11481E-07	6.6402E-04
610959.43	4205945.03	3666.74321	0.00064	0.02406	2.08023E-07	6.4408E-04
610966.43	4205945.03	3560.29241	0.00063	0.02367	2.04651E-07	6.2538E-04
610973.43	4205945.03	3460.20742	0.00061	0.02329	2.01365E-07	6.0781E-04
611001.43	4205945.03	3111.75144	0.00055	0.02189	1.89261E-07	5.4661E-04
611008.43	4205945.03	3035.21111	0.00053	0.02156	1.86408E-07	5.3316E-04
611015.43	4205945.03	2962.22379	0.00052	0.02123	1.83554E-07	5.2034E-04
611022.43	4205945.03	2892.45513	0.00051	0.02092	1.80874E-07	5.0809E-04
611029.43	4205945.03	2825.68373	0.00050	0.02061	1.78194E-07	4.9636E-04
611036.43	4205945.03	2761.62116	0.00048	0.02032	1.75687E-07	4.8511E-04
611043.43	4205945.03	2700.12261	0.00047	0.02003	1.73179E-07	4.7431E-04
611050.43	4205945.03	2640.98273	0.00046	0.01974	1.70672E-07	4.6392E-04
611057.43	4205945.03	2584.05891	0.00045	0.01946	1.68251E-07	4.5392E-04
611064.43	4205945.03	2529.19011	0.00044	0.01919	1.65917E-07	4.4429E-04
611092.43	4205945.03	2328.12195	0.00041	0.01817	1.57098E-07	4.0897E-04
610294.43	4205952.03	8728.98785	0.00153	0.18450	1.59519E-06	1.5344E-03
610301.43	4205952.03	9062.66675	0.00159	0.18308	1.58291E-06	1.5930E-03
610308.43	4205952.03	9412.93043	0.00165	0.18162	1.57029E-06	1.6545E-03
610315.43	4205952.03	9780.97239	0.00172	0.18013	1.55740E-06	1.7191E-03
610322.43	4205952.03	10167.60646	0.00179	0.17859	1.54409E-06	1.7870E-03
610329.43	4205952.03	10574.06635	0.00186	0.17700	1.53034E-06	1.8583E-03
610336.43	4205952.03	11001.4165	0.00193	0.17538	1.51633E-06	1.9333E-03
610343.43	4205952.03	11451.61145	0.00201	0.17371	1.50190E-06	2.0124E-03
610350.43	4205952.03	11930.15407	0.00209	0.17208	1.48780E-06	2.0964E-03
610357.43	4205952.03	12434.88317	0.00218	0.17040	1.47328E-06	2.1850E-03
610364.43	4205952.03	12966.02289	0.00228	0.16868	1.45841E-06	2.2783E-03
610371.43	4205952.03	13526.42723	0.00238	0.16692	1.44319E-06	2.3767E-03
610378.43	4205952.03	14116.64308	0.00248	0.16512	1.42763E-06	2.4803E-03
610385.43	4205952.03	14739.90499	0.00259	0.16328	1.41172E-06	2.5897E-03
610392.43	4205952.03	15396.70131	0.00270	0.16138	1.39529E-06	2.7050E-03
610399.43	4205952.03	16090.73145	0.00283	0.15946	1.37869E-06	2.8269E-03
610406.43	4205952.03	16822.7033	0.00295	0.15749	1.36166E-06	2.9554E-03
610413.43	4205952.03	17596.6925	0.00309	0.15549	1.34437E-06	3.0913E-03
610420.43	4205952.03	18410.42868	0.00323	0.15342	1.32647E-06	3.2342E-03
610427.43	4205952.03	19270.2749	0.00338	0.15130	1.30814E-06	3.3851E-03
610434.43	4205952.03	20178.10602	0.00354	0.14912	1.28929E-06	3.5445E-03
610441.43	4205952.03	21139.1192	0.00371	0.14690	1.27010E-06	3.7133E-03
610448.43	4205952.03	22154.34091	0.00389	0.14464	1.25056E-06	3.8915E-03
610455.43	4205952.03	23229.53301	0.00408	0.14235	1.23076E-06	4.0803E-03
610462.43	4205952.03	24367.39967	0.00428	0.14002	1.21061E-06	4.2801E-03
610469.43	4205952.03	25570.14976	0.00449	0.13764	1.19003E-06	4.4913E-03
610476.43	4205952.03	26844.67927	0.00471	0.13524	1.16928E-06	4.7150E-03
610483.43	4205952.03	28193.73897	0.00495	0.13281	1.14827E-06	4.9519E-03
610490.43	4205952.03	29621.61347	0.00520	0.13035	1.12701E-06	5.2026E-03
610504.43	4205952.03	32742.21181	0.00575	0.12540	1.08421E-06	5.7505E-03
610511.43	4205952.03	34438.54412	0.00605	0.12289	1.06251E-06	6.0484E-03
610518.43	4205952.03	36229.2958	0.00636	0.12036	1.04063E-06	6.3628E-03
610525.43	4205952.03	38115.04655	0.00669	0.11782	1.01867E-06	6.6939E-03
610532.43	4205952.03	40100.13736	0.00704	0.11527	9.96624E-07	7.0425E-03
610539.43	4205952.03	42179.67728	0.00741	0.11270	9.74404E-07	7.4076E-03
610546.43	4205952.03	44353.34645	0.00779	0.11013	9.52183E-07	7.7893E-03
610553.43	4205952.03	46609.6109	0.00818	0.10756	9.29963E-07	8.1855E-03
610560.43	4205952.03	48939.36725	0.00859	0.10499	9.07743E-07	8.5946E-03
610567.43	4205952.03	51321.60449	0.00901	0.10243	8.85609E-07	9.0128E-03
610574.43	4205952.03	53728.80241	0.00943	0.09988	8.63562E-07	9.4355E-03
610581.43	4205952.03	56129.40597	0.00986	0.09734	8.41601E-07	9.8570E-03
610588.43	4205952.03	58477.31733	0.01027	0.09482	8.19813E-07	1.0269E-02
610595.43	4205952.03	60724.77162	0.01066	0.09232	7.98198E-07	1.0664E-02
610602.43	4205952.03	62811.35834	0.01103	0.08984	7.76756E-07	1.1030E-02
610609.43	4205952.03	64679.02151	0.01136	0.08739	7.55574E-07	1.1358E-02
610616.43	4205952.03	66263.63864	0.01164	0.08497	7.34650E-07	1.1636E-02
610623.43	4205952.03	67509.4028	0.01185	0.08258	7.13986E-07	1.1855E-02
610630.43	4205952.03	68360.1964	0.01200	0.08022	6.93582E-07	1.2005E-02
610637.43	4205952.03	68760.10228	0.01207	0.07789	6.73437E-07	1.2075E-02
610644.43	4205952.03	68688.14645	0.01206	0.07560	6.53637E-07	1.2062E-02
610651.43	4205952.03	68135.76617	0.01196	0.07335	6.34184E-07	1.1965E-02
610658.43	4205952.03	67112.82857	0.01178	0.07115	6.15163E-07	1.1785E-02
610686.43	4205952.03	59103.25456	0.01038	0.06286	5.43487E-07	1.0379E-02
610693.43	4205952.03	56376.88719	0.00990	0.06092	5.26714E-07	9.9002E-03
610700.43	4205952.03	53458.28125	0.00939	0.05904	5.10460E-07	9.3877E-03
610707.43	4205952.03	50383.27223	0.00885	0.05722	4.94724E-07	8.8477E-03
610714.43	4205952.03	47186.08905	0.00829	0.05546	4.79507E-07	8.2863E-03
610721.43	4205952.03	43892.5831	0.00771	0.05376	4.64809E-07	7.7079E-03
610728.43	4205952.03	40555.07103	0.00712	0.05213	4.50716E-07	7.1218E-03
610735.43	4205952.03	37219.73414	0.00654	0.05056	4.37142E-07	6.5361E-03
610742.43	4205952.03	33936.9615	0.00596	0.04905	4.24086E-07	5.9597E-03
610749.43	4205952.03	30758.17626	0.00540	0.04761	4.11636E-07	5.4015E-03
610756.43	4205952.03	27731.88917	0.00487	0.04623	3.99704E-07	4.8701E-03
610763.43	4205952.03	24901.39821	0.00437	0.04491	3.88292E-07	4.3730E-03
610770.43	4205952.03	22299.61939	0.00392	0.04365	3.77398E-07	3.9161E-03
610777.43	4205952.03	19947.63655	0.00350	0.04244	3.66936E-07	3.5031E-03
610784.43	4205952.03	17854.09829	0.00314	0.04129	3.56993E-07	3.1355E-03
610791.43	4205952.03	16014.73678	0.00281	0.04020	3.47569E-07	2.8125E-03
610798.43	4205952.03	14413.34346	0.00253	0.03916	3.38577E-07	2.5313E-03
610805.43	4205952.03	13028.56598	0.00229	0.03816	3.29931E-07	2.2881E-03
610812.43	4205952.03	11836.25232	0.00208	0.03722	3.21804E-07	2.0787E-03
610819.43	4205952.03	10810.45912	0.00190	0.03632	3.14023E-07	1.8986E-03
610826.43	4205952.03	9927.786	0.00174	0.03546	3.06587E-07	1.7436E-03
610833.43	4205952.03	9165.92416	0.00161	0.03464	2.99497E-07	1.6098E-03
610840.43	4205952.03	8505.96279	0.00149	0.03386	2.92753E-07	1.4939E-03
610847.43	4205952.03	7931.59861	0.00139	0.03311	2.86269E-07	1.3931E-03

610854.43	4205952.03	7429.23628	0.00130	0.03240	2.80130E-07	1.3048E-03
610861.43	4205952.03	6987.6563	0.00123	0.03171	2.74165E-07	1.2273E-03
610868.43	4205952.03	6597.30967	0.00116	0.03106	2.68545E-07	1.1587E-03
610875.43	4205952.03	6250.50662	0.00110	0.03043	2.63098E-07	1.0978E-03
610910.43	4205952.03	4977.94993	0.00087	0.02765	2.39062E-07	8.7436E-04
610917.43	4205952.03	4788.60304	0.00084	0.02715	2.34739E-07	8.4110E-04
610924.43	4205952.03	4614.62346	0.00081	0.02667	2.30589E-07	8.1055E-04
610931.43	4205952.03	4454.0356	0.00078	0.02621	2.26612E-07	7.8235E-04
610938.43	4205952.03	4305.30057	0.00076	0.02576	2.22721E-07	7.5622E-04
610945.43	4205952.03	4166.97898	0.00073	0.02532	2.18917E-07	7.3193E-04
610952.43	4205952.03	4037.87647	0.00071	0.02490	2.15285E-07	7.0926E-04
610959.43	4205952.03	3916.9208	0.00069	0.02449	2.11740E-07	6.8801E-04
610966.43	4205952.03	3803.28884	0.00067	0.02409	2.08282E-07	6.6806E-04
610973.43	4205952.03	3696.20864	0.00065	0.02370	2.04910E-07	6.4925E-04
611001.43	4205952.03	3321.38688	0.00058	0.02226	1.92460E-07	5.8342E-04
611008.43	4205952.03	3238.74293	0.00057	0.02192	1.89520E-07	5.6891E-04
611015.43	4205952.03	3159.7899	0.00055	0.02159	1.86667E-07	5.5504E-04
611022.43	4205952.03	3084.27002	0.00054	0.02127	1.83900E-07	5.4177E-04
611029.43	4205952.03	3011.88483	0.00053	0.02096	1.81220E-07	5.2906E-04
611036.43	4205952.03	2942.42865	0.00052	0.02065	1.78540E-07	5.1686E-04
611043.43	4205952.03	2875.70652	0.00050	0.02036	1.76032E-07	5.0514E-04
611050.43	4205952.03	2811.49449	0.00049	0.02007	1.73525E-07	4.9387E-04
611057.43	4205952.03	2749.67236	0.00048	0.01978	1.71018E-07	4.8301E-04
611064.43	4205952.03	2690.0662	0.00047	0.01950	1.68597E-07	4.7254E-04
611092.43	4205952.03	2471.59922	0.00043	0.01846	1.59605E-07	4.3417E-04
610294.43	4205959.03	8695.43548	0.00153	0.19040	1.64620E-06	1.5285E-03
610301.43	4205959.03	9030.78286	0.00159	0.18897	1.63383E-06	1.5874E-03
610308.43	4205959.03	9383.19268	0.00165	0.18749	1.62104E-06	1.6493E-03
610315.43	4205959.03	9753.0729	0.00171	0.18596	1.60781E-06	1.7142E-03
610322.43	4205959.03	10142.60896	0.00178	0.18440	1.59432E-06	1.7826E-03
610329.43	4205959.03	10552.40287	0.00185	0.18279	1.58040E-06	1.8546E-03
610336.43	4205959.03	10983.74042	0.00193	0.18114	1.56614E-06	1.9303E-03
610343.43	4205959.03	11439.06531	0.00201	0.17945	1.55152E-06	2.0102E-03
610350.43	4205959.03	11923.07575	0.00209	0.17779	1.53717E-06	2.0952E-03
610357.43	4205959.03	12434.00927	0.00218	0.17608	1.52239E-06	2.1849E-03
610364.43	4205959.03	12972.23186	0.00228	0.17433	1.50726E-06	2.2794E-03
610371.43	4205959.03	13540.1377	0.00238	0.17253	1.49169E-06	2.3791E-03
610378.43	4205959.03	14140.37055	0.00248	0.17069	1.47578E-06	2.4845E-03
610385.43	4205959.03	14773.47457	0.00259	0.16880	1.45944E-06	2.5956E-03
610392.43	4205959.03	15443.17242	0.00271	0.16688	1.44284E-06	2.7132E-03
610399.43	4205959.03	16150.13403	0.00284	0.16490	1.42572E-06	2.8374E-03
610406.43	4205959.03	16898.54157	0.00297	0.16290	1.40843E-06	2.9688E-03
610413.43	4205959.03	17689.29582	0.00311	0.16084	1.39062E-06	3.1076E-03
610420.43	4205959.03	18522.99332	0.00325	0.15871	1.37221E-06	3.2540E-03
610427.43	4205959.03	19404.52909	0.00341	0.15651	1.35318E-06	3.4087E-03
610434.43	4205959.03	20337.81883	0.00357	0.15426	1.33373E-06	3.5726E-03
610441.43	4205959.03	21326.81206	0.00374	0.15197	1.31393E-06	3.7463E-03
610448.43	4205959.03	22374.90775	0.00393	0.14964	1.29379E-06	3.9303E-03
610455.43	4205959.03	23486.26205	0.00412	0.14726	1.27321E-06	4.1254E-03
610462.43	4205959.03	24663.88719	0.00433	0.14484	1.25229E-06	4.3322E-03
610469.43	4205959.03	25915.00827	0.00455	0.14239	1.23110E-06	4.5518E-03
610476.43	4205959.03	27243.20681	0.00478	0.13990	1.20957E-06	4.7851E-03
610483.43	4205959.03	28653.64945	0.00503	0.13738	1.18779E-06	5.0327E-03
610490.43	4205959.03	30153.52956	0.00529	0.13483	1.16574E-06	5.2961E-03
610504.43	4205959.03	33454.56785	0.00587	0.12970	1.12139E-06	5.8757E-03
610511.43	4205959.03	35259.1195	0.00619	0.12709	1.09882E-06	6.1925E-03
610518.43	4205959.03	37176.92129	0.00653	0.12446	1.07608E-06	6.5293E-03
610525.43	4205959.03	39209.34654	0.00689	0.12181	1.05317E-06	6.8861E-03
610532.43	4205959.03	41364.1637	0.00726	0.11916	1.03026E-06	7.2645E-03
610539.43	4205959.03	43639.72298	0.00766	0.11649	1.00717E-06	7.6640E-03
610546.43	4205959.03	46040.03847	0.00808	0.11381	9.84001E-07	8.0855E-03
610553.43	4205959.03	48559.06359	0.00853	0.11113	9.60829E-07	8.5278E-03
610560.43	4205959.03	51185.63384	0.00899	0.10846	9.37745E-07	8.9890E-03
610567.43	4205959.03	53907.52884	0.00947	0.10579	9.14660E-07	9.4670E-03
610574.43	4205959.03	56695.92938	0.00996	0.10313	8.91661E-07	9.9566E-03
610581.43	4205959.03	59518.71843	0.01045	0.10048	8.68750E-07	1.0452E-02
610588.43	4205959.03	62324.12257	0.01094	0.09785	8.46011E-07	1.0945E-02
610595.43	4205959.03	65055.02325	0.01142	0.09524	8.23445E-07	1.1424E-02
610602.43	4205959.03	67637.74136	0.01188	0.09266	8.01138E-07	1.1878E-02
610609.43	4205959.03	69996.89324	0.01229	0.09010	7.79004E-07	1.2292E-02
610616.43	4205959.03	72050.76043	0.01265	0.08757	7.57130E-07	1.2653E-02
610623.43	4205959.03	73719.61379	0.01295	0.08508	7.35601E-07	1.2946E-02
610630.43	4205959.03	74934.05898	0.01316	0.08261	7.14246E-07	1.3159E-02
610637.43	4205959.03	75618.34952	0.01328	0.08018	6.93236E-07	1.3279E-02
610644.43	4205959.03	75737.59357	0.01330	0.07780	6.72658E-07	1.3300E-02
610651.43	4205959.03	75274.40273	0.01322	0.07546	6.52427E-07	1.3219E-02
610658.43	4205959.03	74239.08413	0.01304	0.07316	6.32541E-07	1.3037E-02
610686.43	4205959.03	65428.66049	0.01149	0.06452	5.57840E-07	1.1490E-02
610693.43	4205959.03	62406.22448	0.01096	0.06250	5.40375E-07	1.0959E-02
610700.43	4205959.03	59167.6309	0.01039	0.06055	5.23515E-07	1.0390E-02
610707.43	4205959.03	55742.48129	0.00979	0.05866	5.07174E-07	9.7888E-03
610714.43	4205959.03	52158.27133	0.00916	0.05683	4.91352E-07	9.1594E-03
610721.43	4205959.03	48454.50378	0.00851	0.05507	4.76135E-07	8.5090E-03
610728.43	4205959.03	44680.89293	0.00785	0.05338	4.61523E-07	7.8463E-03
610735.43	4205959.03	40889.55806	0.00718	0.05175	4.47430E-07	7.1806E-03
610742.43	4205959.03	37144.10687	0.00652	0.05019	4.33942E-07	6.5229E-03
610749.43	4205959.03	33510.40006	0.00588	0.04870	4.21060E-07	5.8848E-03
610756.43	4205959.03	30056.71378	0.00528	0.04727	4.08696E-07	5.2783E-03
610763.43	4205959.03	26839.19207	0.00471	0.04590	3.96851E-07	4.7133E-03
610770.43	4205959.03	23900.86355	0.00420	0.04460	3.85611E-07	4.1973E-03
610777.43	4205959.03	21270.61922	0.00374	0.04336	3.74890E-07	3.7354E-03
610784.43	4205959.03	18954.696	0.00333	0.04218	3.64688E-07	3.3288E-03
610791.43	4205959.03	16944.67644	0.00298	0.04105	3.54918E-07	2.9758E-03
610798.43	4205959.03	15215.50605	0.00267	0.03998	3.45667E-07	2.6722E-03
610805.43	4205959.03	13737.18364	0.00241	0.03896	3.36848E-07	2.4126E-03
610812.43	4205959.03	12475.83554	0.00219	0.03799	3.28461E-07	2.1911E-03
610819.43	4205959.03	11399.47936	0.00200	0.03706	3.20421E-07	2.0020E-03
610826.43	4205959.03	10478.65579	0.00184	0.03618	3.12812E-07	1.8403E-03
610833.43	4205959.03	9687.18376	0.00170	0.03534	3.05549E-07	1.7014E-03
610840.43	4205959.03	9003.24541	0.00158	0.03453	2.98546E-07	1.5812E-03
610847.43	4205959.03	8408.83901	0.00148	0.03377	2.91975E-07	1.4769E-03
610854.43	4205959.03	7889.01079	0.00139	0.03304	2.85664E-07	1.3856E-03
610861.43	4205959.03	7431.76428	0.00131	0.03234	2.79611E-07	1.3053E-03
610868.43	4205959.03	7027.0218	0.00123	0.03167	2.73819E-07	1.2342E-03
610875.43	4205959.03	6666.72221	0.00117	0.03102	2.68199E-07	1.1709E-03
610882.43	4205959.03	6344.20978	0.00111	0.03041	2.62925E-07	1.1143E-03
610910.43	4205959.03	5334.19888	0.00094	0.02817	2.43558E-07	9.3692E-04
610917.43	4205959.03	5133.90863	0.00090	0.02766	2.39148E-07	9.0174E-04
610924.43	4205959.03	4949.27746	0.00087	0.02717	2.34912E-07	8.6932E-04
610931.43	4205959.03	4778.33371	0.00084	0.02669	2.30762E-07	8.3930E-04
610938.43	4205959.03	4619.44116	0.00081	0.02623	2.26784E-07	8.1139E-04
610945.43	4205959.03	4471.28449	0.00079	0.02579	2.22980E-07	7.8537E-04
610952.43	4205959.03	4332.58903	0.00076	0.02535	2.19176E-07	7.6101E-04
610959.43	4205959.03	4202.35514	0.00074	0.02493	2.15545E-07	7.3814E-04
610966.43	4205959.03	4079.67464	0.00072	0.02453	2.12086E-07	7.1659E-04
610973.43	4205959.03	3963.83041	0.00070	0.02413	2.08628E-07	6.9625E-04
611001.43	4205959.03	3556.72364	0.00062	0.02265	1.95832E-07	6.2475E-04
611008.43	4205959.03	3466.65706	0.00061	0.02230	1.92806E-07	6.0893E-04
611015.43	4205959.03	3380.5507	0.00059	0.02197	1.89953E-07	5.9381E-04
611022.43	4205959.03	3298.10684	0.00058	0.02164	1.87099E-07	5.7933E-04
611029.43	4205959.03	3219.05584	0.00057	0.02132	1.84333E-07	5.6544E-04
611036.43	4205959.03	3143.179	0.00055	0.02100	1.81566E-07	5.5212E-04
611043.43	4205959.03	3070.23993	0.00054	0.02070	1.78972E-07	5.3931E-04
611050.43	4205959.03	3000.12471	0.00053	0.02040	1.76378E-07	5.2699E-04
611057.43	4205959.03	2932.54552	0.00051	0.02011	1.73871E-07	5.1512E-04
611064.43	4205959.03	2867.42323	0.00050	0.01983	1.71450E-07	5.0368E-04
611071.43	4205959.03	2804.60373	0.00049	0.01955	1.69029E-07	4.9265E-04
611085.43	4205959.03	2685.42962	0.00047	0.01902	1.64447E-07	4.7172E-04
611092.43	4205959.03	2628.83426	0.00046	0.01876	1.62199E-07	4.6178E-04
610294.43	4205966.03	8656.19722	0.00152	0.19658	1.69963E-06	1.5217E-03
610301.43	4205966.03	8992.82395	0.00158	0.19513	1.68709E-06	1.5808E-03
610308.43	4205966.03	9346.80662	0.00164	0.19363	1.67412E-06	1.6430E-03
610315.43	4205966.03	9719.2084	0.00171	0.19209	1.66081E-06	1.7083E-03
610322.43	4205966.03	10111.14762	0.00178	0.19050	1.64706E-06	1.7771E-03
610329.43	4205966.03	10523.85812	0.00185	0.18886	1.63288E-06	1.8496E-03
610336.43	4205966.03	10958.58169	0.00192	0.18718	1.61836E-06	1.9259E-03
610343.43	4205966.03	11417.3257	0.00200	0.18546	1.60349E-06	2.0065E-03
610350.43	4205966.03	11906.67333	0.00209	0.18378	1.58896E-06	2.0924E-03
610357.43	4205966.03	12422.54665	0.00218	0.18203	1.57383E-06	2.1829E-03
610364.43	4205966.03	12967.85042	0.00228	0.18025	1.55844E-06	2.2787E-03
610371.43	4205966.03	13543.17518	0.00238	0.17842	1.54262E-06	2.3797E-03
610378.43	4205966.03	14151.94495	0.00249	0.17655	1.52645E-06	2.4866E-03
610385.43	4205966.03	14794.82249	0.00260	0.17462	1.50976E-06	2.5994E-03
610392.43	4205966.03	15475.72135	0.00272	0.17265	1.49273E-06	2.7190E-03
610399.43	4205966.03	16195.46621	0.00284	0.17063	1.47527E-06	2.8454E-03
610406.43	4205966.03	16957.51419	0.00298	0.16857	1.45746E-06	2.9792E-03
610413.43	4205966.03	17765.87215	0.00312	0.16647	1.43930E-06	3.1211E-03
610420.43	4205966.03	18617.23842	0.00327	0.16425	1.42010E-06	3.2706E-03
610427.43	4205966.03	19520.04823	0.00343	0.16199	1.40056E-06	3.4291E-03

610434.43	4205966.03	20476.56892	0.00360	0.15967	1.38051E-06	3.5970E-03
610441.43	4205966.03	21491.7779	0.00377	0.15731	1.36010E-06	3.7753E-03
610448.43	4205966.03	22569.94529	0.00396	0.15489	1.33918E-06	3.9646E-03
610455.43	4205966.03	23715.63228	0.00416	0.15243	1.31791E-06	4.1657E-03
610462.43	4205966.03	24933.74553	0.00438	0.14993	1.29629E-06	4.3796E-03
610469.43	4205966.03	26229.87637	0.00461	0.14739	1.27433E-06	4.6072E-03
610476.43	4205966.03	27611.20765	0.00485	0.14481	1.25203E-06	4.8497E-03
610483.43	4205966.03	29081.00205	0.00511	0.14220	1.22946E-06	5.1078E-03
610490.43	4205966.03	30651.04193	0.00538	0.13956	1.20664E-06	5.3835E-03
610504.43	4205966.03	34125.36512	0.00599	0.13422	1.16047E-06	5.9935E-03
610511.43	4205966.03	36038.5743	0.00633	0.13151	1.13703E-06	6.3294E-03
610518.43	4205966.03	38082.93625	0.00669	0.12878	1.11343E-06	6.6884E-03
610525.43	4205966.03	40262.67677	0.00707	0.12603	1.08965E-06	7.0711E-03
610532.43	4205966.03	42589.79137	0.00748	0.12326	1.06571E-06	7.4797E-03
610539.43	4205966.03	45069.18775	0.00791	0.12048	1.04167E-06	7.9151E-03
610546.43	4205966.03	47703.28677	0.00838	0.11769	1.01755E-06	8.3776E-03
610553.43	4205966.03	50498.44419	0.00887	0.11490	9.93425E-07	8.8684E-03
610560.43	4205966.03	53447.04907	0.00939	0.11211	9.69303E-07	9.3862E-03
610567.43	4205966.03	56542.78965	0.00993	0.10933	9.45267E-07	9.9297E-03
610574.43	4205966.03	59760.51524	0.01049	0.10655	9.21231E-07	1.0495E-02
610581.43	4205966.03	63070.34426	0.01108	0.10379	8.97368E-07	1.1076E-02
610588.43	4205966.03	66416.62795	0.01166	0.10105	8.73678E-07	1.1663E-02
610595.43	4205966.03	69733.99816	0.01225	0.09832	8.50074E-07	1.2246E-02
610602.43	4205966.03	72933.05196	0.01281	0.09562	8.26730E-07	1.2808E-02
610609.43	4205966.03	75910.90185	0.01333	0.09295	8.03645E-07	1.3331E-02
610616.43	4205966.03	78564.1683	0.01380	0.09031	7.80820E-07	1.3796E-02
610623.43	4205966.03	80784.43292	0.01419	0.08770	7.58254E-07	1.4186E-02
610630.43	4205966.03	82479.58079	0.01448	0.08513	7.36034E-07	1.4484E-02
610637.43	4205966.03	83548.64866	0.01467	0.08260	7.14159E-07	1.4672E-02
610644.43	4205966.03	83942.51056	0.01474	0.08010	6.92544E-07	1.4741E-02
610651.43	4205966.03	83622.14045	0.01468	0.07766	6.71448E-07	1.4685E-02
610658.43	4205966.03	82593.91601	0.01450	0.07527	6.50784E-07	1.4504E-02
610665.43	4205966.03	80902.78338	0.01421	0.07293	6.30552E-07	1.4207E-02
610686.43	4205966.03	72839.97167	0.01279	0.06626	5.72884E-07	1.2791E-02
610693.43	4205966.03	69485.14225	0.01220	0.06416	5.54727E-07	1.2202E-02
610700.43	4205966.03	65882.64139	0.01157	0.06212	5.37089E-07	1.1569E-02
610707.43	4205966.03	62069.7867	0.01090	0.06016	5.20143E-07	1.0900E-02
610714.43	4205966.03	58067.34831	0.01020	0.05826	5.03716E-07	1.0197E-02
610721.43	4205966.03	53898.66904	0.00946	0.05643	4.87894E-07	9.4650E-03
610728.43	4205966.03	49614.90796	0.00871	0.05467	4.72677E-07	8.7127E-03
610735.43	4205966.03	45275.43814	0.00795	0.05299	4.58151E-07	7.9507E-03
610742.43	4205966.03	40966.74243	0.00719	0.05137	4.44145E-07	7.1941E-03
610749.43	4205966.03	36773.76451	0.00646	0.04983	4.30830E-07	6.4578E-03
610756.43	4205966.03	32789.20255	0.00576	0.04835	4.18034E-07	5.7581E-03
610763.43	4205966.03	29094.51726	0.00511	0.04694	4.05843E-07	5.1093E-03
610770.43	4205966.03	25747.504	0.00452	0.04559	3.94171E-07	4.5216E-03
610777.43	4205966.03	22784.99846	0.00400	0.04431	3.83104E-07	4.0014E-03
610784.43	4205966.03	20210.19608	0.00355	0.04309	3.72556E-07	3.5492E-03
610791.43	4205966.03	18007.83898	0.00316	0.04193	3.62527E-07	3.1625E-03
610798.43	4205966.03	16139.37679	0.00283	0.04083	3.53016E-07	2.8344E-03
610805.43	4205966.03	14560.20678	0.00256	0.03978	3.43938E-07	2.5571E-03
610812.43	4205966.03	13226.23332	0.00232	0.03878	3.35292E-07	2.3228E-03
610819.43	4205966.03	12096.56267	0.00212	0.03783	3.27078E-07	2.1245E-03
610826.43	4205966.03	11134.79639	0.00196	0.03692	3.19210E-07	1.9556E-03
610833.43	4205966.03	10310.82819	0.00181	0.03606	3.11775E-07	1.8109E-03
610840.43	4205966.03	9599.72186	0.00169	0.03524	3.04685E-07	1.6860E-03
610847.43	4205966.03	8981.55334	0.00158	0.03445	2.97855E-07	1.5774E-03
610854.43	4205966.03	8440.42092	0.00148	0.03370	2.91370E-07	1.4824E-03
610861.43	4205966.03	7963.38688	0.00140	0.03298	2.85145E-07	1.3986E-03
610868.43	4205966.03	7540.1773	0.00132	0.03230	2.79266E-07	1.3243E-03
610875.43	4205966.03	7162.32148	0.00126	0.03164	2.73559E-07	1.2580E-03
610882.43	4205966.03	6822.88087	0.00120	0.03101	2.68112E-07	1.1984E-03
610889.43	4205966.03	6516.25725	0.00114	0.03040	2.62838E-07	1.1445E-03
610896.43	4205966.03	6237.85879	0.00110	0.02982	2.57824E-07	1.0956E-03
610903.43	4205966.03	5983.70902	0.00105	0.02925	2.52895E-07	1.0510E-03
610910.43	4205966.03	5750.71938	0.00101	0.02871	2.48227E-07	1.0101E-03
610917.43	4205966.03	5536.12694	0.00097	0.02819	2.43731E-07	9.7238E-04
610924.43	4205966.03	5337.59877	0.00094	0.02769	2.39408E-07	9.3751E-04
610931.43	4205966.03	5153.27096	0.00090	0.02720	2.35171E-07	9.0514E-04
610938.43	4205966.03	4981.44084	0.00087	0.02672	2.31021E-07	8.7496E-04
610945.43	4205966.03	4820.67288	0.00085	0.02627	2.27130E-07	8.4673E-04
610952.43	4205966.03	4669.88345	0.00082	0.02582	2.23240E-07	8.2024E-04
610959.43	4205966.03	4527.92808	0.00080	0.02539	2.19522E-07	7.9531E-04
610966.43	4205966.03	4394.01075	0.00077	0.02497	2.15890E-07	7.7179E-04
610973.43	4205966.03	4267.29072	0.00075	0.02457	2.12432E-07	7.4954E-04
611001.43	4205966.03	3820.72874	0.00067	0.02305	1.99290E-07	6.7111E-04
611008.43	4205966.03	3721.71975	0.00065	0.02270	1.96264E-07	6.5372E-04
611015.43	4205966.03	3627.04094	0.00064	0.02235	1.93238E-07	6.3709E-04
611022.43	4205966.03	3536.36317	0.00062	0.02201	1.90298E-07	6.2117E-04
611029.43	4205966.03	3449.42463	0.00061	0.02169	1.87532E-07	6.0590E-04
611036.43	4205966.03	3365.94205	0.00059	0.02137	1.84765E-07	5.9124E-04
611043.43	4205966.03	3285.7086	0.00058	0.02105	1.81998E-07	5.7715E-04
611050.43	4205966.03	3208.55348	0.00056	0.02075	1.79404E-07	5.6359E-04
611057.43	4205966.03	3134.30133	0.00055	0.02045	1.76811E-07	5.5055E-04
611064.43	4205966.03	3062.71235	0.00054	0.02016	1.74303E-07	5.3798E-04
611071.43	4205966.03	2993.71979	0.00053	0.01988	1.71882E-07	5.2586E-04
611092.43	4205966.03	2800.86551	0.00049	0.01907	1.64879E-07	4.9199E-04
610294.43	4205973.03	8612.07024	0.00151	0.20305	1.75557E-06	1.5140E-03
610301.43	4205973.03	8949.69368	0.00157	0.20158	1.74286E-06	1.5733E-03
610308.43	4205973.03	9304.84824	0.00163	0.20006	1.72972E-06	1.6356E-03
610315.43	4205973.03	9678.86753	0.00170	0.19850	1.71623E-06	1.7013E-03
610322.43	4205973.03	10072.19457	0.00177	0.19688	1.70222E-06	1.7704E-03
610329.43	4205973.03	10487.25752	0.00184	0.19522	1.68787E-06	1.8432E-03
610336.43	4205973.03	10924.78769	0.00192	0.19351	1.67309E-06	1.9200E-03
610343.43	4205973.03	11387.594	0.00200	0.19177	1.65804E-06	2.0013E-03
610350.43	4205973.03	11880.45137	0.00209	0.19005	1.64317E-06	2.0878E-03
610357.43	4205973.03	12401.82341	0.00218	0.18829	1.62795E-06	2.1794E-03
610364.43	4205973.03	12952.15944	0.00227	0.18647	1.61222E-06	2.2760E-03
610371.43	4205973.03	13534.82465	0.00238	0.18460	1.59605E-06	2.3783E-03
610378.43	4205973.03	14150.51017	0.00248	0.18269	1.57954E-06	2.4864E-03
610385.43	4205973.03	14803.0816	0.00260	0.18073	1.56259E-06	2.6010E-03
610392.43	4205973.03	15493.30454	0.00272	0.17871	1.54513E-06	2.7221E-03
610399.43	4205973.03	16225.64465	0.00285	0.17666	1.52740E-06	2.8507E-03
610406.43	4205973.03	17001.17141	0.00299	0.17455	1.50916E-06	2.9869E-03
610413.43	4205973.03	17824.97426	0.00313	0.17238	1.49040E-06	3.1315E-03
610420.43	4205973.03	18693.91535	0.00328	0.17010	1.47068E-06	3.2841E-03
610427.43	4205973.03	19614.32492	0.00344	0.16776	1.45045E-06	3.4457E-03
610434.43	4205973.03	20592.27744	0.00362	0.16536	1.42970E-06	3.6174E-03
610441.43	4205973.03	21633.40951	0.00380	0.16293	1.40869E-06	3.8002E-03
610448.43	4205973.03	22739.81048	0.00399	0.16043	1.38708E-06	3.9944E-03
610455.43	4205973.03	23919.22193	0.00420	0.15789	1.36512E-06	4.2015E-03
610462.43	4205973.03	25174.5498	0.00442	0.15530	1.34272E-06	4.4219E-03
610469.43	4205973.03	26513.27034	0.00466	0.15266	1.31990E-06	4.6570E-03
610476.43	4205973.03	27943.73637	0.00491	0.14999	1.29681E-06	4.9082E-03
610483.43	4205973.03	29470.12541	0.00517	0.14727	1.27330E-06	5.1762E-03
610490.43	4205973.03	31107.56615	0.00546	0.14453	1.24961E-06	5.4637E-03
610504.43	4205973.03	34751.38805	0.00610	0.13900	1.20179E-06	6.1035E-03
610511.43	4205973.03	36770.77447	0.00646	0.13618	1.17741E-06	6.4580E-03
610518.43	4205973.03	38939.53142	0.00684	0.13334	1.15286E-06	6.8388E-03
610525.43	4205973.03	41267.50427	0.00725	0.13048	1.12813E-06	7.2476E-03
610532.43	4205973.03	43764.61007	0.00768	0.12760	1.10323E-06	7.6861E-03
610539.43	4205973.03	46447.86369	0.00816	0.12470	1.07816E-06	8.1572E-03
610546.43	4205973.03	49323.61506	0.00866	0.12179	1.05300E-06	8.6622E-03
610553.43	4205973.03	52406.36409	0.00920	0.11888	1.02784E-06	9.2035E-03
610560.43	4205973.03	55696.37493	0.00978	0.11597	1.00268E-06	9.7812E-03
610567.43	4205973.03	59197.40605	0.01039	0.11306	9.77516E-07	1.0396E-02
610574.43	4205973.03	62892.27259	0.01104	0.11016	9.52443E-07	1.1045E-02
610581.43	4205973.03	66758.26282	0.01172	0.10728	9.27542E-07	1.1724E-02
610588.43	4205973.03	70743.20023	0.01242	0.10442	9.02815E-07	1.2423E-02
610595.43	4205973.03	74768.17249	0.01313	0.10157	8.78174E-07	1.3130E-02
610602.43	4205973.03	78732.26093	0.01383	0.09875	8.53792E-07	1.3826E-02
610609.43	4205973.03	82498.54592	0.01449	0.09595	8.29583E-07	1.4487E-02
610616.43	4205973.03	85926.51032	0.01509	0.09320	8.05807E-07	1.5089E-02
610623.43	4205973.03	88867.56673	0.01560	0.09047	7.82203E-07	1.5606E-02
610630.43	4205973.03	91199.6584	0.01601	0.08778	7.58945E-07	1.6015E-02
610637.43	4205973.03	92790.23096	0.01629	0.08513	7.36034E-07	1.6294E-02
610644.43	4205973.03	93577.62969	0.01643	0.08253	7.13554E-07	1.6433E-02
610651.43	4205973.03	93490.16444	0.01642	0.07998	6.91507E-07	1.6417E-02
610658.43	4205973.03	92500.97523	0.01624	0.07748	6.69892E-07	1.6244E-02
610665.43	4205973.03	90677.19747	0.01592	0.07504	6.48795E-07	1.5923E-02
610686.43	4205973.03	81595.21835	0.01433	0.06808	5.88619E-07	1.4329E-02
610693.43	4205973.03	77848.32715	0.01367	0.06589	5.69685E-07	1.3671E-02
610700.43	4205973.03	73866.09754	0.01297	0.06377	5.51355E-07	1.2971E-02
610707.43	4205973.03	69645.75437	0.01223	0.06172	5.33631E-07	1.2230E-02
610714.43	4205973.03	65182.21076	0.01145	0.05975	5.16598E-07	1.1446E-02
610721.43	4205973.03	60486.98223	0.01062	0.05785	5.00171E-07	1.0622E-02
610728.43	4205973.03	55604.04429	0.00976	0.05603	4.84435E-07	9.7644E-03
610735.43	4205973.03	50607.66333	0.00889	0.05428	4.69305E-07	8.8871E-03
610742.43	4205973.03	45604.38919	0.00801	0.05260	4.54779E-07	8.0085E-03

610749.43	4205973.03	40710.10726	0.00715	0.05100	4.40946E-07	7.1490E-03
610756.43	4205973.03	36056.41153	0.00633	0.04947	4.27717E-07	6.3319E-03
610763.43	4205973.03	31759.61292	0.00558	0.04802	4.15181E-07	5.5773E-03
610770.43	4205973.03	27905.76323	0.00490	0.04663	4.03163E-07	4.9006E-03
610777.43	4205973.03	24540.73313	0.00431	0.04531	3.91750E-07	4.3097E-03
610784.43	4205973.03	21665.64066	0.00380	0.04405	3.80856E-07	3.8048E-03
610791.43	4205973.03	19246.49208	0.00338	0.04285	3.70481E-07	3.3800E-03
610798.43	4205973.03	17224.12046	0.00302	0.04172	3.60711E-07	3.0249E-03
610805.43	4205973.03	15537.41471	0.00273	0.04064	3.51373E-07	2.7287E-03
610812.43	4205973.03	14126.16597	0.00248	0.03961	3.42468E-07	2.4809E-03
610819.43	4205973.03	12938.80228	0.00227	0.03863	3.33995E-07	2.2724E-03
610826.43	4205973.03	11931.27332	0.00210	0.03770	3.25954E-07	2.0954E-03
610833.43	4205973.03	11069.19929	0.00194	0.03681	3.18259E-07	1.9440E-03
610840.43	4205973.03	10324.98634	0.00181	0.03597	3.10996E-07	1.8134E-03
610847.43	4205973.03	9677.09017	0.00170	0.03516	3.03993E-07	1.6996E-03
610854.43	4205973.03	9108.50453	0.00160	0.03439	2.97336E-07	1.5997E-03
610861.43	4205973.03	8605.52473	0.00151	0.03366	2.91024E-07	1.5114E-03
610868.43	4205973.03	8157.5735	0.00143	0.03295	2.84886E-07	1.4327E-03
610875.43	4205973.03	7756.00047	0.00136	0.03228	2.79093E-07	1.3622E-03
610882.43	4205973.03	7393.82035	0.00130	0.03163	2.73473E-07	1.2986E-03
610889.43	4205973.03	7065.29909	0.00124	0.03101	2.68112E-07	1.2409E-03
610896.43	4205973.03	6765.70196	0.00119	0.03041	2.62925E-07	1.1883E-03
610903.43	4205973.03	6491.28912	0.00114	0.02983	2.57910E-07	1.1401E-03
610910.43	4205973.03	6238.75331	0.00110	0.02928	2.53155E-07	1.0958E-03
610917.43	4205973.03	6005.32836	0.00105	0.02874	2.48486E-07	1.0548E-03
610924.43	4205973.03	5788.72408	0.00102	0.02822	2.43990E-07	1.0167E-03
610931.43	4205973.03	5586.96725	0.00098	0.02772	2.39667E-07	9.8130E-04
610938.43	4205973.03	5398.4523	0.00095	0.02724	2.35517E-07	9.4819E-04
610945.43	4205973.03	5221.76875	0.00092	0.02677	2.31453E-07	9.1716E-04
610952.43	4205973.03	5055.69331	0.00089	0.02631	2.27476E-07	8.8800E-04
610959.43	4205973.03	4899.12959	0.00086	0.02587	2.23672E-07	8.6050E-04
610966.43	4205973.03	4751.19776	0.00083	0.02544	2.19954E-07	8.3452E-04
610973.43	4205973.03	4611.07607	0.00081	0.02502	2.16323E-07	8.0991E-04
611001.43	4205973.03	4116.54734	0.00072	0.02347	2.02922E-07	7.2306E-04
611008.43	4205973.03	4006.86577	0.00070	0.02310	1.99722E-07	7.0380E-04
611015.43	4205973.03	3901.93517	0.00069	0.02275	1.96696E-07	6.8537E-04
611022.43	4205973.03	3801.49649	0.00067	0.02241	1.93757E-07	6.6773E-04
611029.43	4205973.03	3705.18802	0.00065	0.02207	1.90817E-07	6.5081E-04
611036.43	4205973.03	3612.78183	0.00063	0.02174	1.87964E-07	6.3458E-04
611043.43	4205973.03	3524.02339	0.00062	0.02142	1.85197E-07	6.1900E-04
611050.43	4205973.03	3438.70449	0.00060	0.02111	1.82517E-07	6.0401E-04
611057.43	4205973.03	3356.63174	0.00059	0.02081	1.79923E-07	5.8960E-04
611064.43	4205973.03	3277.57809	0.00058	0.02051	1.77329E-07	5.7571E-04
611071.43	4205973.03	3201.4221	0.00056	0.02022	1.74822E-07	5.6234E-04
611092.43	4205973.03	2988.89801	0.00052	0.01939	1.67646E-07	5.2501E-04
610294.43	4205980.03	8562.49226	0.00150	0.20983	1.81419E-06	1.5054E-03
610301.43	4205980.03	8900.53931	0.00156	0.20834	1.80131E-06	1.5647E-03
610308.43	4205980.03	9256.59244	0.00163	0.20680	1.78799E-06	1.6272E-03
610315.43	4205980.03	9631.58595	0.00169	0.20522	1.77433E-06	1.6931E-03
610322.43	4205980.03	10026.94752	0.00176	0.20359	1.76024E-06	1.7625E-03
610329.43	4205980.03	10443.82685	0.00183	0.20190	1.74563E-06	1.8357E-03
610336.43	4205980.03	10883.70397	0.00191	0.20017	1.73067E-06	1.9129E-03
610343.43	4205980.03	11349.29825	0.00199	0.19840	1.71537E-06	1.9946E-03
610350.43	4205980.03	11845.71439	0.00208	0.19665	1.70023E-06	2.0818E-03
610357.43	4205980.03	12371.28687	0.00217	0.19486	1.68476E-06	2.1741E-03
610364.43	4205980.03	12926.56654	0.00227	0.19300	1.66868E-06	2.2715E-03
610371.43	4205980.03	13515.09499	0.00237	0.19111	1.65234E-06	2.3749E-03
610378.43	4205980.03	14137.6349	0.00248	0.18915	1.63539E-06	2.4842E-03
610385.43	4205980.03	14797.24485	0.00260	0.18715	1.61810E-06	2.6000E-03
610392.43	4205980.03	15497.59891	0.00272	0.18510	1.60037E-06	2.7229E-03
610399.43	4205980.03	16239.67366	0.00285	0.18300	1.58222E-06	2.8532E-03
610406.43	4205980.03	17028.48896	0.00299	0.18083	1.56346E-06	2.9917E-03
610413.43	4205980.03	17865.34837	0.00314	0.17859	1.54409E-06	3.1387E-03
610420.43	4205980.03	18750.40138	0.00329	0.17626	1.52394E-06	3.2941E-03
610427.43	4205980.03	19688.19042	0.00346	0.17384	1.50302E-06	3.4587E-03
610434.43	4205980.03	20687.10876	0.00363	0.17137	1.48166E-06	3.6341E-03
610441.43	4205980.03	21751.1116	0.00382	0.16885	1.45988E-06	3.8209E-03
610448.43	4205980.03	22881.73337	0.00402	0.16627	1.43757E-06	4.0198E-03
610455.43	4205980.03	24093.38326	0.00423	0.16364	1.41483E-06	4.2322E-03
610462.43	4205980.03	25384.99012	0.00446	0.16096	1.39166E-06	4.4589E-03
610469.43	4205980.03	26763.82847	0.00470	0.15823	1.36806E-06	4.7010E-03
610476.43	4205980.03	28240.59253	0.00496	0.15545	1.34402E-06	4.9603E-03
610483.43	4205980.03	29822.26844	0.00524	0.15264	1.31972E-06	5.2380E-03
610490.43	4205980.03	31522.05563	0.00554	0.14979	1.29508E-06	5.5365E-03
610504.43	4205980.03	35328.44354	0.00620	0.14404	1.24537E-06	6.2048E-03
610511.43	4205980.03	37452.45308	0.00658	0.14112	1.22012E-06	6.5778E-03
610518.43	4205980.03	39739.50163	0.00698	0.13816	1.19453E-06	6.9794E-03
610525.43	4205980.03	42210.07047	0.00741	0.13518	1.16877E-06	7.4132E-03
610532.43	4205980.03	44876.3994	0.00788	0.13218	1.14283E-06	7.8813E-03
610539.43	4205980.03	47762.2026	0.00839	0.12916	1.11672E-06	8.3881E-03
610546.43	4205980.03	50880.96147	0.00893	0.12612	1.09043E-06	8.9357E-03
610553.43	4205980.03	54257.19741	0.00953	0.12309	1.06424E-06	9.5285E-03
610560.43	4205980.03	57902.01546	0.01017	0.12005	1.03795E-06	1.0169E-02
610567.43	4205980.03	61833.51369	0.01086	0.11701	1.01167E-06	1.0859E-02
610574.43	4205980.03	66051.67469	0.01160	0.11398	9.85471E-07	1.1600E-02
610581.43	4205980.03	70540.07204	0.01239	0.11097	9.59446E-07	1.2388E-02
610588.43	4205980.03	75265.80946	0.01322	0.10797	9.33508E-07	1.3217E-02
610595.43	4205980.03	80146.70742	0.01407	0.10499	9.07743E-07	1.4074E-02
610602.43	4205980.03	85065.97585	0.01494	0.10204	8.82237E-07	1.4938E-02
610609.43	4205980.03	89845.49606	0.01578	0.09912	8.56991E-07	1.5778E-02
610616.43	4205980.03	94286.84928	0.01656	0.09624	8.32091E-07	1.6557E-02
610623.43	4205980.03	98183.67581	0.01724	0.09339	8.07449E-07	1.7242E-02
610630.43	4205980.03	101344.8736	0.01780	0.09057	7.83068E-07	1.7797E-02
610637.43	4205980.03	103642.9279	0.01820	0.08780	7.59118E-07	1.8200E-02
610644.43	4205980.03	104989.0636	0.01844	0.08508	7.35601E-07	1.8437E-02
610651.43	4205980.03	105290.6724	0.01849	0.08241	7.12516E-07	1.8490E-02
610658.43	4205980.03	104431.4825	0.01834	0.07980	6.89950E-07	1.8339E-02
610665.43	4205980.03	102447.8293	0.01799	0.07725	6.67903E-07	1.7990E-02
610686.43	4205980.03	91983.32527	0.01615	0.06998	6.05047E-07	1.6153E-02
610693.43	4205980.03	87843.74271	0.01543	0.06770	5.85334E-07	1.5426E-02
610700.43	4205980.03	83475.96797	0.01466	0.06549	5.66226E-07	1.4659E-02
610707.43	4205980.03	78829.03138	0.01384	0.06336	5.47810E-07	1.3843E-02
610714.43	4205980.03	73876.75983	0.01297	0.06131	5.30086E-07	1.2973E-02
610721.43	4205980.03	68591.86172	0.01204	0.05933	5.12967E-07	1.2045E-02
610728.43	4205980.03	63014.75133	0.01107	0.05744	4.96626E-07	1.1066E-02
610735.43	4205980.03	57223.63578	0.01005	0.05562	4.80890E-07	1.0049E-02
610742.43	4205980.03	51344.04509	0.00902	0.05389	4.65933E-07	9.0164E-03
610749.43	4205980.03	45554.59543	0.00800	0.05223	4.51580E-07	7.9997E-03
610756.43	4205980.03	40037.48174	0.00703	0.05065	4.37920E-07	7.0309E-03
610763.43	4205980.03	34966.16591	0.00614	0.04914	4.24864E-07	6.1404E-03
610770.43	4205980.03	30472.84156	0.00535	0.04770	4.12414E-07	5.3514E-03
610777.43	4205980.03	26615.57439	0.00467	0.04634	4.00655E-07	4.6740E-03
610784.43	4205980.03	23387.59373	0.00411	0.04504	3.89416E-07	4.1072E-03
610791.43	4205980.03	20721.24573	0.00364	0.04381	3.78781E-07	3.6390E-03
610798.43	4205980.03	18532.21465	0.00325	0.04264	3.68665E-07	3.2546E-03
610805.43	4205980.03	16728.43028	0.00294	0.04153	3.59068E-07	2.9378E-03
610812.43	4205980.03	15232.15141	0.00267	0.04047	3.49903E-07	2.6751E-03
610819.43	4205980.03	13977.84971	0.00245	0.03946	3.41171E-07	2.4548E-03
610826.43	4205980.03	12915.74943	0.00227	0.03851	3.32957E-07	2.2683E-03
610833.43	4205980.03	12006.33041	0.00211	0.03760	3.25089E-07	2.1086E-03
610840.43	4205980.03	11219.3622	0.00197	0.03673	3.17567E-07	1.9704E-03
610847.43	4205980.03	10531.69099	0.00185	0.03590	3.10391E-07	1.8497E-03
610854.43	4205980.03	9925.20783	0.00174	0.03511	3.03561E-07	1.7431E-03
610861.43	4205980.03	9386.46499	0.00165	0.03436	2.97076E-07	1.6485E-03
610868.43	4205980.03	8904.46865	0.00156	0.03363	2.90765E-07	1.5639E-03
610875.43	4205980.03	8470.25408	0.00149	0.03294	2.84799E-07	1.4876E-03
610882.43	4205980.03	8076.92613	0.00142	0.03227	2.79006E-07	1.4186E-03
610889.43	4205980.03	7718.64893	0.00136	0.03164	2.73559E-07	1.3557E-03
610896.43	4205980.03	7390.6059	0.00130	0.03102	2.68199E-07	1.2980E-03
610903.43	4205980.03	7089.06951	0.00124	0.03043	2.63098E-07	1.2451E-03
610910.43	4205980.03	6810.61365	0.00120	0.02986	2.58169E-07	1.1962E-03
610917.43	4205980.03	6552.50858	0.00115	0.02931	2.53414E-07	1.1509E-03
610924.43	4205980.03	6312.49375	0.00111	0.02878	2.48832E-07	1.1087E-03
610931.43	4205980.03	6088.44818	0.00107	0.02826	2.44336E-07	1.0694E-03
610938.43	4205980.03	5878.68655	0.00103	0.02777	2.40099E-07	1.0325E-03
610945.43	4205980.03	5681.81805	0.00100	0.02728	2.35863E-07	9.9795E-04
610952.43	4205980.03	5496.13203	0.00097	0.02682	2.31886E-07	9.6541E-04
610959.43	4205980.03	5321.76175	0.00093	0.02636	2.27908E-07	9.3472E-04
610966.43	4205980.03	5156.48102	0.00091	0.02592	2.24104E-07	9.0569E-04
610973.43	4205980.03	4999.94548	0.00088	0.02549	2.20386E-07	8.7820E-04
611001.43	4205980.03	4447.41444	0.00078	0.02390	2.06639E-07	7.8116E-04
611008.43	4205980.03	4324.95921	0.00076	0.02353	2.03440E-07	7.5966E-04
611015.43	4205980.03	4207.92205	0.00074	0.02316	2.00241E-07	7.3910E-04
611022.43	4205980.03	4095.90433	0.00072	0.02281	1.97215E-07	7.1943E-04
611029.43	4205980.03	3988.61238	0.00070	0.02246	1.94189E-07	7.0059E-04
611036.43	4205980.03	3885.73686	0.00068	0.02213	1.91336E-07	6.8252E-04
611043.43	4205980.03	3787.0239	0.00066	0.02180	1.88483E-07	6.6518E-04
611050.43	4205980.03	3692.224	0.00065	0.02148	1.85716E-07	6.4853E-04
611057.43	4205980.03	3601.0924	0.00063	0.02117	1.83036E-07	6.3253E-04

611064.43	4205980.03	3513.44145	0.00062	0.02087	1.80442E-07	6.1713E-04
611071.43	4205980.03	3429.05246	0.00060	0.02057	1.77848E-07	6.0231E-04
611092.43	4205980.03	3194.03774	0.00056	0.01973	1.70585E-07	5.6104E-04
610294.43	4205987.03	8508.19138	0.00149	0.21694	1.87566E-06	1.4959E-03
610301.43	4205987.03	8846.44015	0.00155	0.21543	1.86261E-06	1.5553E-03
610308.43	4205987.03	9202.82658	0.00162	0.21388	1.84921E-06	1.6178E-03
610315.43	4205987.03	9578.57162	0.00168	0.21228	1.83537E-06	1.6838E-03
610322.43	4205987.03	9974.86629	0.00175	0.21062	1.82102E-06	1.7534E-03
610329.43	4205987.03	10392.54057	0.00182	0.20890	1.80615E-06	1.8267E-03
610336.43	4205987.03	10834.11028	0.00190	0.20714	1.79093E-06	1.9042E-03
610343.43	4205987.03	11301.95283	0.00198	0.20535	1.77546E-06	1.9864E-03
610350.43	4205987.03	11801.83051	0.00207	0.20358	1.76015E-06	2.0741E-03
610357.43	4205987.03	12330.21762	0.00217	0.20175	1.74433E-06	2.1669E-03
610364.43	4205987.03	12890.42138	0.00226	0.19988	1.72816E-06	2.2653E-03
610371.43	4205987.03	13483.18351	0.00237	0.19794	1.71139E-06	2.3693E-03
610378.43	4205987.03	14112.45005	0.00248	0.19596	1.69427E-06	2.4798E-03
610385.43	4205987.03	14779.13598	0.00260	0.19391	1.67654E-06	2.5969E-03
610392.43	4205987.03	15487.61646	0.00272	0.19183	1.65856E-06	2.7212E-03
610399.43	4205987.03	16239.32653	0.00285	0.18966	1.63980E-06	2.8532E-03
610406.43	4205987.03	17039.31782	0.00299	0.18745	1.62069E-06	2.9937E-03
610413.43	4205987.03	17889.06843	0.00314	0.18515	1.60081E-06	3.1429E-03
610420.43	4205987.03	18787.72401	0.00330	0.18274	1.57997E-06	3.3007E-03
610427.43	4205987.03	19742.28885	0.00347	0.18025	1.55844E-06	3.4683E-03
610434.43	4205987.03	20759.5584	0.00365	0.17770	1.53639E-06	3.6469E-03
610441.43	4205987.03	21843.14168	0.00384	0.17509	1.51383E-06	3.8371E-03
610448.43	4205987.03	23001.32471	0.00404	0.17242	1.49074E-06	4.0405E-03
610455.43	4205987.03	24238.94403	0.00426	0.16970	1.46723E-06	4.2578E-03
610462.43	4205987.03	25562.77565	0.00449	0.16693	1.44328E-06	4.4902E-03
610469.43	4205987.03	26980.43296	0.00474	0.16410	1.41881E-06	4.7391E-03
610476.43	4205987.03	28502.34886	0.00500	0.16123	1.39399E-06	5.0063E-03
610483.43	4205987.03	30134.25808	0.00529	0.15831	1.36875E-06	5.2929E-03
610490.43	4205987.03	31892.6812	0.00560	0.15535	1.34316E-06	5.6016E-03
610504.43	4205987.03	35852.88351	0.00630	0.14938	1.29154E-06	6.2970E-03
610511.43	4205987.03	38074.66783	0.00669	0.14633	1.26517E-06	6.6871E-03
610518.43	4205987.03	40476.81095	0.00711	0.14326	1.23863E-06	7.1089E-03
610525.43	4205987.03	43084.56849	0.00757	0.14015	1.21174E-06	7.5668E-03
610532.43	4205987.03	45914.60026	0.00806	0.13702	1.18467E-06	8.0637E-03
610539.43	4205987.03	48997.7678	0.00860	0.13387	1.15744E-06	8.6051E-03
610546.43	4205987.03	52355.6681	0.00919	0.13071	1.13012E-06	9.1947E-03
610553.43	4205987.03	56024.48429	0.00984	0.12754	1.10271E-06	9.8389E-03
610560.43	4205987.03	60032.57992	0.01054	0.12436	1.07522E-06	1.0543E-02
610567.43	4205987.03	64406.38815	0.01131	0.12119	1.04781E-06	1.1311E-02
610574.43	4205987.03	69178.6301	0.01215	0.11802	1.02040E-06	1.2149E-02
610581.43	4205987.03	74353.64834	0.01306	0.11487	9.93165E-07	1.3057E-02
610588.43	4205987.03	79925.47028	0.01403	0.11173	9.66017E-07	1.4036E-02
610595.43	4205987.03	85827.72588	0.01507	0.10862	9.39128E-07	1.5072E-02
610602.43	4205987.03	91938.93455	0.01614	0.10553	9.12412E-07	1.6145E-02
610609.43	4205987.03	98037.96482	0.01722	0.10247	8.85955E-07	1.7216E-02
610616.43	4205987.03	103822.999	0.01823	0.09945	8.59844E-07	1.8232E-02
610623.43	4205987.03	108996.3391	0.01914	0.09646	8.33993E-07	1.9140E-02
610630.43	4205987.03	113286.9351	0.01989	0.09352	8.08573E-07	1.9894E-02
610637.43	4205987.03	116506.3917	0.02046	0.09062	7.83500E-07	2.0459E-02
610644.43	4205987.03	118639.2769	0.02083	0.08777	7.58859E-07	2.0834E-02
610651.43	4205987.03	119559.0286	0.02099	0.08498	7.34737E-07	2.0995E-02
610658.43	4205987.03	118968.776	0.02089	0.08224	7.11047E-07	2.0891E-02
610665.43	4205987.03	116725.9968	0.02050	0.07957	6.87962E-07	2.0498E-02
610686.43	4205987.03	104485.7961	0.01835	0.07198	6.22339E-07	1.8348E-02
610693.43	4205987.03	99928.0316	0.01755	0.06960	6.01761E-07	1.7548E-02
610700.43	4205987.03	95207.92016	0.01672	0.06730	5.81875E-07	1.6719E-02
610707.43	4205987.03	90128.62422	0.01583	0.06507	5.62595E-07	1.5827E-02
610714.43	4205987.03	84672.27197	0.01487	0.06294	5.44179E-07	1.4869E-02
610721.43	4205987.03	78740.22103	0.01383	0.06088	5.26368E-07	1.3827E-02
610728.43	4205987.03	72349.02357	0.01270	0.05891	5.09336E-07	1.2705E-02
610735.43	4205987.03	65596.31629	0.01152	0.05703	4.93081E-07	1.1519E-02
610742.43	4205987.03	58622.11981	0.01029	0.05523	4.77518E-07	1.0294E-02
610749.43	4205987.03	51666.61291	0.00907	0.05351	4.62647E-07	9.0730E-03
610756.43	4205987.03	45004.70354	0.00790	0.05187	4.48468E-07	7.9032E-03
610763.43	4205987.03	38907.40381	0.00683	0.05031	4.34980E-07	6.8325E-03
610770.43	4205987.03	33589.39456	0.00590	0.04882	4.22097E-07	5.8986E-03
610777.43	4205987.03	29123.13837	0.00511	0.04741	4.09907E-07	5.1144E-03
610784.43	4205987.03	25475.33942	0.00447	0.04608	3.98407E-07	4.4738E-03
610791.43	4205987.03	22535.83558	0.00396	0.04481	3.87427E-07	3.9576E-03
610798.43	4205987.03	20158.13637	0.00354	0.04360	3.76965E-07	3.5401E-03
610805.43	4205987.03	18222.31696	0.00320	0.04245	3.67022E-07	3.2002E-03
610812.43	4205987.03	16625.51429	0.00292	0.04137	3.57685E-07	2.9198E-03
610819.43	4205987.03	15288.30091	0.00268	0.04033	3.48693E-07	2.6849E-03
610826.43	4205987.03	14155.89403	0.00249	0.03935	3.40220E-07	2.4861E-03
610833.43	4205987.03	13181.74202	0.00231	0.03841	3.32093E-07	2.3150E-03
610840.43	4205987.03	12334.60662	0.00217	0.03752	3.24398E-07	2.1663E-03
610847.43	4205987.03	11589.9855	0.00204	0.03667	3.17049E-07	2.0355E-03
610854.43	4205987.03	10930.51013	0.00192	0.03586	3.10045E-07	1.9197E-03
610861.43	4205987.03	10341.29047	0.00182	0.03508	3.03302E-07	1.8162E-03
610868.43	4205987.03	9811.30541	0.00172	0.03434	2.96903E-07	1.7231E-03
610875.43	4205987.03	9331.70995	0.00164	0.03363	2.90765E-07	1.6389E-03
610882.43	4205987.03	8895.32017	0.00156	0.03294	2.84799E-07	1.5623E-03
610889.43	4205987.03	8496.33323	0.00149	0.03229	2.79179E-07	1.4922E-03
610896.43	4205987.03	8130.15312	0.00143	0.03166	2.73732E-07	1.4279E-03
610903.43	4205987.03	7792.44267	0.00137	0.03105	2.68458E-07	1.3686E-03
610910.43	4205987.03	7479.99271	0.00131	0.03047	2.63443E-07	1.3137E-03
610917.43	4205987.03	7189.7936	0.00126	0.02990	2.58515E-07	1.2628E-03
610924.43	4205987.03	6919.5256	0.00122	0.02935	2.53760E-07	1.2153E-03
610931.43	4205987.03	6667.00673	0.00117	0.02883	2.49264E-07	1.1710E-03
610938.43	4205987.03	6430.47834	0.00113	0.02832	2.44855E-07	1.1294E-03
610945.43	4205987.03	6208.28554	0.00109	0.02782	2.40532E-07	1.0904E-03
610952.43	4205987.03	5999.16535	0.00105	0.02734	2.36382E-07	1.0537E-03
610959.43	4205987.03	5801.87212	0.00102	0.02687	2.32318E-07	1.0190E-03
610966.43	4205987.03	5615.43362	0.00099	0.02642	2.28427E-07	9.8629E-04
610973.43	4205987.03	5438.86288	0.00096	0.02598	2.24623E-07	9.5528E-04
610994.43	4205987.03	4960.85469	0.00087	0.02474	2.13902E-07	8.7133E-04
611001.43	4205987.03	4816.63358	0.00085	0.02435	2.10530E-07	8.4600E-04
611008.43	4205987.03	4679.07187	0.00082	0.02396	2.07158E-07	8.2184E-04
611015.43	4205987.03	4547.72938	0.00080	0.02359	2.03959E-07	7.9878E-04
611022.43	4205987.03	4422.23358	0.00078	0.02323	2.00846E-07	7.7674E-04
611029.43	4205987.03	4302.09046	0.00076	0.02288	1.97820E-07	7.5564E-04
611036.43	4205987.03	4187.04261	0.00074	0.02253	1.94794E-07	7.3543E-04
611043.43	4205987.03	4076.78449	0.00072	0.02220	1.91941E-07	7.1607E-04
611050.43	4205987.03	3970.99682	0.00070	0.02187	1.89088E-07	6.9749E-04
611057.43	4205987.03	3869.46091	0.00068	0.02155	1.86321E-07	6.7966E-04
611064.43	4205987.03	3771.89539	0.00066	0.02124	1.83641E-07	6.6252E-04
611071.43	4205987.03	3678.13055	0.00065	0.02094	1.81047E-07	6.4605E-04
611078.43	4205987.03	3587.92009	0.00063	0.02064	1.78453E-07	6.3021E-04
610294.43	4205994.03	8449.07212	0.00148	0.22440	1.94016E-06	1.4856E-03
610301.43	4205994.03	8786.65875	0.00154	0.22287	1.92693E-06	1.5448E-03
610308.43	4205994.03	9142.93241	0.00161	0.22130	1.91336E-06	1.6074E-03
610315.43	4205994.03	9518.83004	0.00167	0.21968	1.89935E-06	1.6734E-03
610322.43	4205994.03	9915.59586	0.00174	0.21800	1.88483E-06	1.7430E-03
610329.43	4205994.03	10334.61509	0.00181	0.21627	1.86987E-06	1.8166E-03
610336.43	4205994.03	10777.3638	0.00189	0.21449	1.85448E-06	1.8943E-03
610343.43	4205994.03	11246.86338	0.00197	0.21267	1.83874E-06	1.9768E-03
610350.43	4205994.03	11748.92869	0.00206	0.21087	1.82318E-06	2.0649E-03
610357.43	4205994.03	12280.07254	0.00216	0.20901	1.80710E-06	2.1582E-03
610364.43	4205994.03	12843.68518	0.00226	0.20711	1.79067E-06	2.2571E-03
610371.43	4205994.03	13440.6584	0.00236	0.20514	1.77364E-06	2.3619E-03
610378.43	4205994.03	14074.13769	0.00247	0.20312	1.75617E-06	2.4731E-03
610385.43	4205994.03	14747.64324	0.00259	0.20105	1.73828E-06	2.5914E-03
610392.43	4205994.03	15462.43461	0.00272	0.19890	1.71969E-06	2.7169E-03
610399.43	4205994.03	16223.51689	0.00285	0.19670	1.70067E-06	2.8505E-03
610406.43	4205994.03	17032.29539	0.00299	0.19441	1.68087E-06	2.9925E-03
610413.43	4205994.03	17894.75714	0.00314	0.19207	1.66064E-06	3.1439E-03
610420.43	4205994.03	18805.57394	0.00330	0.18958	1.63911E-06	3.3039E-03
610427.43	4205994.03	19774.21535	0.00347	0.18701	1.61689E-06	3.4739E-03
610434.43	4205994.03	20807.73344	0.00365	0.18438	1.59415E-06	3.6554E-03
610441.43	4205994.03	21911.76062	0.00385	0.18169	1.57089E-06	3.8492E-03
610448.43	4205994.03	23093.39166	0.00406	0.17894	1.54711E-06	4.0567E-03
610455.43	4205994.03	24356.75593	0.00428	0.17612	1.52273E-06	4.2785E-03
610462.43	4205994.03	25710.36644	0.00451	0.17325	1.49792E-06	4.5162E-03
610469.43	4205994.03	27162.51469	0.00477	0.17031	1.47250E-06	4.7711E-03
610476.43	4205994.03	28724.3941	0.00504	0.16733	1.44673E-06	5.0454E-03
610483.43	4205994.03	30402.77885	0.00534	0.16430	1.42054E-06	5.3401E-03
610490.43	4205994.03	32217.63264	0.00566	0.16123	1.39399E-06	5.6587E-03
610504.43	4205994.03	36322.32553	0.00638	0.15502	1.34030E-06	6.3795E-03
610511.43	4205994.03	38635.9059	0.00678	0.15186	1.31298E-06	6.7857E-03
610518.43	4205994.03	41146.9414	0.00723	0.14865	1.28523E-06	7.2266E-03
610525.43	4205994.03	43884.26503	0.00771	0.14542	1.25730E-06	7.7072E-03
610532.43	4205994.03	46869.8636	0.00823	0.14215	1.22903E-06	8.2315E-03
610539.43	4205994.03	50141.7492	0.00880	0.13887	1.20067E-06	8.8060E-03
610546.43	4205994.03	53733.53216	0.00944	0.13556	1.17205E-06	9.4367E-03
610553.43	4205994.03	57683.43466	0.01013	0.13225	1.14343E-06	1.0130E-02
610560.43	4205994.03	62046.72298	0.01090	0.12893	1.11473E-06	1.0896E-02

610567.43	4205994.03	66867.60107	0.01174	0.12561	1.08602E-06	1.1743E-02
610574.43	4205994.03	72209.90602	0.01268	0.12230	1.05741E-06	1.2681E-02
610581.43	4205994.03	78114.78282	0.01372	0.11899	1.02879E-06	1.3718E-02
610588.43	4205994.03	84624.42311	0.01486	0.11571	1.00043E-06	1.4861E-02
610595.43	4205994.03	91722.56827	0.01611	0.11245	9.72242E-07	1.6107E-02
610602.43	4205994.03	99301.35962	0.01744	0.10921	9.44229E-07	1.7438E-02
610609.43	4205994.03	107116.6656	0.01881	0.10601	9.16562E-07	1.8810E-02
610616.43	4205994.03	114743.597	0.02015	0.10284	8.89154E-07	2.0150E-02
610623.43	4205994.03	121682.0858	0.02137	0.09971	8.62092E-07	2.1368E-02
610630.43	4205994.03	127478.9292	0.02239	0.09662	8.35376E-07	2.2386E-02
610637.43	4205994.03	131818.1816	0.02315	0.09359	8.09179E-07	2.3148E-02
610644.43	4205994.03	134920.4612	0.02369	0.09060	7.83327E-07	2.3693E-02
610651.43	4205994.03	136755.2907	0.02401	0.08768	7.58081E-07	2.4015E-02
610658.43	4205994.03	136553.086	0.02398	0.08482	7.33353E-07	2.3979E-02
610665.43	4205994.03	133694.3764	0.02348	0.08202	7.09145E-07	2.3477E-02
610686.43	4205994.03	119565.2279	0.02100	0.07408	6.40495E-07	2.0996E-02
610693.43	4205994.03	114799.0203	0.02016	0.07159	6.18967E-07	2.0159E-02
610700.43	4205994.03	109839.7335	0.01929	0.06919	5.98216E-07	1.9288E-02
610707.43	4205994.03	104375.8326	0.01833	0.06687	5.78158E-07	1.8329E-02
610714.43	4205994.03	98394.45162	0.01728	0.06464	5.58877E-07	1.7278E-02
610721.43	4205994.03	91746.04369	0.01611	0.06250	5.40375E-07	1.6111E-02
610728.43	4205994.03	84441.23624	0.01483	0.06046	5.22737E-07	1.4828E-02
610735.43	4205994.03	76512.89963	0.01344	0.05850	5.05791E-07	1.3436E-02
610742.43	4205994.03	68144.25544	0.01197	0.05662	4.89536E-07	1.1966E-02
610749.43	4205994.03	59645.98365	0.01047	0.05484	4.74146E-07	1.0474E-02
610756.43	4205994.03	51419.97005	0.00903	0.05314	4.59448E-07	9.0297E-03
610763.43	4205994.03	43943.69388	0.00772	0.05153	4.45528E-07	7.7169E-03
610770.43	4205994.03	37521.24784	0.00659	0.04999	4.32213E-07	6.5891E-03
610777.43	4205994.03	32260.93956	0.00566	0.04854	4.19677E-07	5.6654E-03
610784.43	4205994.03	28090.45087	0.00493	0.04715	4.07659E-07	4.9330E-03
610791.43	4205994.03	24831.86	0.00436	0.04584	3.96332E-07	4.3608E-03
610798.43	4205994.03	22244.87863	0.00391	0.04460	3.85611E-07	3.9065E-03
610805.43	4205994.03	20150.34073	0.00354	0.04342	3.75409E-07	3.5387E-03
610812.43	4205994.03	18423.12297	0.00324	0.04230	3.65726E-07	3.2354E-03
610819.43	4205994.03	16979.84723	0.00298	0.04123	3.56474E-07	2.9820E-03
610826.43	4205994.03	15744.02964	0.00276	0.04022	3.47742E-07	2.7650E-03
610833.43	4205994.03	14670.63186	0.00258	0.03926	3.39442E-07	2.5765E-03
610840.43	4205994.03	13736.05712	0.00241	0.03834	3.31487E-07	2.4124E-03
610847.43	4205994.03	12909.1727	0.00227	0.03747	3.23965E-07	2.2671E-03
610854.43	4205994.03	12172.19639	0.00214	0.03664	3.16789E-07	2.1377E-03
610861.43	4205994.03	11510.55609	0.00202	0.03584	3.09872E-07	2.0215E-03
610868.43	4205994.03	10912.83855	0.00192	0.03508	3.03302E-07	1.9166E-03
610875.43	4205994.03	10370.00197	0.00182	0.03434	2.96903E-07	1.8212E-03
610882.43	4205994.03	9874.71469	0.00173	0.03364	2.90851E-07	1.7343E-03
610889.43	4205994.03	9420.89304	0.00165	0.03297	2.85058E-07	1.6546E-03
610896.43	4205994.03	9003.52041	0.00158	0.03232	2.79439E-07	1.5813E-03
610903.43	4205994.03	8618.19401	0.00151	0.03170	2.74078E-07	1.5136E-03
610910.43	4205994.03	8261.38861	0.00145	0.03110	2.68890E-07	1.4510E-03
610917.43	4205994.03	7929.91571	0.00139	0.03051	2.63789E-07	1.3927E-03
610924.43	4205994.03	7621.0881	0.00134	0.02995	2.58948E-07	1.3385E-03
610931.43	4205994.03	7332.58358	0.00129	0.02941	2.54279E-07	1.2878E-03
610938.43	4205994.03	7062.49081	0.00124	0.02889	2.49783E-07	1.2404E-03
610945.43	4205994.03	6808.98721	0.00120	0.02838	2.45373E-07	1.1959E-03
610952.43	4205994.03	6570.50849	0.00115	0.02788	2.41050E-07	1.1540E-03
610959.43	4205994.03	6345.74446	0.00111	0.02741	2.36987E-07	1.1145E-03
610966.43	4205994.03	6133.52495	0.00108	0.02694	2.32923E-07	1.0773E-03
610973.43	4205994.03	5932.83358	0.00104	0.02649	2.29032E-07	1.0420E-03
610994.43	4205994.03	5390.80097	0.00095	0.02521	2.17966E-07	9.4683E-04
611001.43	4205994.03	5227.70734	0.00092	0.02481	2.14507E-07	9.1819E-04
611008.43	4205994.03	5072.39654	0.00089	0.02442	2.11135E-07	8.9091E-04
611015.43	4205994.03	4924.28055	0.00086	0.02403	2.07763E-07	8.6490E-04
611022.43	4205994.03	4782.98139	0.00084	0.02366	2.04564E-07	8.4009E-04
611029.43	4205994.03	4647.93657	0.00082	0.02330	2.01452E-07	8.1637E-04
611036.43	4205994.03	4518.82196	0.00079	0.02295	1.98426E-07	7.9369E-04
611043.43	4205994.03	4395.21692	0.00077	0.02261	1.95486E-07	7.7199E-04
611050.43	4205994.03	4276.87763	0.00075	0.02227	1.92546E-07	7.5120E-04
611057.43	4205994.03	4163.38473	0.00073	0.02195	1.89780E-07	7.3127E-04
611064.43	4205994.03	4054.52924	0.00071	0.02163	1.87013E-07	7.1215E-04
611071.43	4205994.03	3950.0267	0.00069	0.02132	1.84333E-07	6.9380E-04
611078.43	4205994.03	3849.65656	0.00068	0.02102	1.81739E-07	6.7617E-04
610294.43	4206001.03	8384.69867	0.00147	0.23223	2.00786E-06	1.4743E-03
610301.43	4206001.03	8721.94579	0.00153	0.23070	1.99463E-06	1.5335E-03
610308.43	4206001.03	9077.86428	0.00159	0.22911	1.98088E-06	1.5960E-03
610315.43	4206001.03	9453.45998	0.00166	0.22747	1.96670E-06	1.6620E-03
610322.43	4206001.03	9850.23745	0.00173	0.22577	1.95201E-06	1.7316E-03
610329.43	4206001.03	10269.54777	0.00180	0.22402	1.93688E-06	1.8052E-03
610336.43	4206001.03	10712.91837	0.00188	0.22221	1.92123E-06	1.8831E-03
610343.43	4206001.03	11183.35985	0.00196	0.22036	1.90523E-06	1.9657E-03
610350.43	4206001.03	11686.29406	0.00205	0.21854	1.88950E-06	2.0540E-03
610357.43	4206001.03	12220.14234	0.00215	0.21666	1.87324E-06	2.1477E-03
610364.43	4206001.03	12785.67321	0.00225	0.21472	1.85647E-06	2.2470E-03
610371.43	4206001.03	13386.75555	0.00235	0.21273	1.83926E-06	2.3525E-03
610378.43	4206001.03	14024.35288	0.00246	0.21067	1.82145E-06	2.4645E-03
610385.43	4206001.03	14703.00441	0.00258	0.20856	1.80321E-06	2.5836E-03
610392.43	4206001.03	15423.86072	0.00271	0.20637	1.78427E-06	2.7102E-03
610399.43	4206001.03	16192.25271	0.00284	0.20411	1.76473E-06	2.8451E-03
610406.43	4206001.03	17009.77989	0.00299	0.20177	1.74450E-06	2.9886E-03
610413.43	4206001.03	17881.24236	0.00314	0.19936	1.72367E-06	3.1416E-03
610420.43	4206001.03	18803.80561	0.00330	0.19681	1.70162E-06	3.3036E-03
610427.43	4206001.03	19784.93053	0.00347	0.19416	1.67871E-06	3.4759E-03
610434.43	4206001.03	20834.36461	0.00366	0.19145	1.65528E-06	3.6601E-03
610441.43	4206001.03	21955.34565	0.00386	0.18866	1.63115E-06	3.8569E-03
610448.43	4206001.03	23156.98838	0.00407	0.18582	1.60660E-06	4.0679E-03
610455.43	4206001.03	24443.31977	0.00429	0.18290	1.58135E-06	4.2938E-03
610462.43	4206001.03	25825.58061	0.00453	0.17993	1.55567E-06	4.5365E-03
610469.43	4206001.03	27309.22758	0.00480	0.17689	1.52939E-06	4.7970E-03
610476.43	4206001.03	28907.74513	0.00508	0.17380	1.50267E-06	5.0776E-03
610483.43	4206001.03	30630.82356	0.00538	0.17065	1.47544E-06	5.3802E-03
610504.43	4206001.03	36734.57798	0.00645	0.16101	1.39209E-06	6.4519E-03
610511.43	4206001.03	39133.679	0.00687	0.15772	1.36365E-06	6.8732E-03
610518.43	4206001.03	41745.81281	0.00733	0.15437	1.33468E-06	7.3318E-03
610525.43	4206001.03	44604.21409	0.00783	0.15100	1.30555E-06	7.8337E-03
610532.43	4206001.03	47738.86273	0.00838	0.14760	1.27615E-06	8.3841E-03
610539.43	4206001.03	51184.34734	0.00899	0.14416	1.24641E-06	8.9891E-03
610546.43	4206001.03	54993.43299	0.00966	0.14071	1.21658E-06	9.6579E-03
610553.43	4206001.03	59212.51952	0.01040	0.13724	1.18658E-06	1.0399E-02
610560.43	4206001.03	63915.40457	0.01122	0.13377	1.15657E-06	1.1225E-02
610567.43	4206001.03	69169.63245	0.01215	0.13030	1.12657E-06	1.2147E-02
610574.43	4206001.03	75075.22814	0.01318	0.12683	1.09657E-06	1.3184E-02
610581.43	4206001.03	81727.7175	0.01435	0.12337	1.06666E-06	1.4352E-02
610588.43	4206001.03	89223.5452	0.01567	0.11993	1.03691E-06	1.5668E-02
610595.43	4206001.03	97652.55734	0.01715	0.11651	1.00734E-06	1.7149E-02
610602.43	4206001.03	106991.6907	0.01879	0.11311	9.77949E-07	1.8788E-02
610609.43	4206001.03	117043.164	0.02055	0.10975	9.48898E-07	2.0553E-02
610616.43	4206001.03	127193.5985	0.02233	0.10643	9.20193E-07	2.2336E-02
610623.43	4206001.03	136521.9394	0.02397	0.10315	8.91834E-07	2.3974E-02
610630.43	4206001.03	144139.7959	0.02531	0.09991	8.63821E-07	2.5311E-02
610637.43	4206001.03	149642.9503	0.02628	0.09672	8.36241E-07	2.6278E-02
610644.43	4206001.03	153618.9712	0.02698	0.09359	8.09179E-07	2.6976E-02
610651.43	4206001.03	156267.4129	0.02744	0.09053	7.82722E-07	2.7441E-02
610658.43	4206001.03	155991.7483	0.02739	0.08753	7.56784E-07	2.7393E-02
610665.43	4206001.03	152130.0529	0.02671	0.08460	7.31451E-07	2.6714E-02
610686.43	4206001.03	137632.1463	0.02417	0.07629	6.59603E-07	2.4169E-02
610693.43	4206001.03	133075.3206	0.02337	0.07368	6.37037E-07	2.3368E-02
610700.43	4206001.03	128035.3855	0.02248	0.07117	6.15335E-07	2.2483E-02
610707.43	4206001.03	122176.0953	0.02145	0.06875	5.94412E-07	2.1454E-02
610714.43	4206001.03	115658.6522	0.02031	0.06643	5.74353E-07	2.0310E-02
610721.43	4206001.03	108235.4401	0.01901	0.06420	5.55073E-07	1.9006E-02
610728.43	4206001.03	99879.76832	0.01754	0.06207	5.36657E-07	1.7539E-02
610735.43	4206001.03	90599.46106	0.01591	0.06003	5.19019E-07	1.5910E-02
610742.43	4206001.03	80521.15177	0.01414	0.05809	5.02246E-07	1.4140E-02
610749.43	4206001.03	70004.55943	0.01229	0.05624	4.86251E-07	1.2293E-02
610756.43	4206001.03	59669.0069	0.01048	0.05447	4.70947E-07	1.0478E-02
610763.43	4206001.03	50300.13755	0.00883	0.05280	4.56509E-07	8.8330E-03
610770.43	4206001.03	42404.69993	0.00745	0.05121	4.42761E-07	7.4466E-03
610777.43	4206001.03	36195.65254	0.00636	0.04971	4.29792E-07	6.3563E-03
610784.43	4206001.03	31447.90954	0.00552	0.04828	4.17429E-07	5.5226E-03
610791.43	4206001.03	27812.03887	0.00488	0.04693	4.05757E-07	4.8841E-03
610798.43	4206001.03	24993.33238	0.00439	0.04564	3.94603E-07	4.3892E-03
610805.43	4206001.03	22699.48158	0.00399	0.04443	3.84142E-07	3.9864E-03
610812.43	4206001.03	20789.37444	0.00365	0.04327	3.74112E-07	3.6509E-03
610819.43	4206001.03	19173.84419	0.00337	0.04218	3.64688E-07	3.3672E-03
610826.43	4206001.03	17789.17239	0.00312	0.04114	3.55696E-07	3.1241E-03
610833.43	4206001.03	16576.05676	0.00291	0.04015	3.47137E-07	2.9111E-03
610840.43	4206001.03	15505.70194	0.00272	0.03920	3.38923E-07	2.7231E-03
610847.43	4206001.03	14556.32819	0.00256	0.03830	3.31142E-07	2.5564E-03
610854.43	4206001.03	13706.52696	0.00241	0.03745	3.23793E-07	2.4072E-03
610861.43	4206001.03	12941.03588	0.00227	0.03663	3.16703E-07	2.2727E-03
610868.43	4206001.03	12248.13333	0.00215	0.03584	3.09872E-07	2.1511E-03

610875.43	4206001.03	11617.83798	0.00204	0.03509	3.03388E-07	2.0404E-03
610882.43	4206001.03	11042.60278	0.00194	0.03437	2.97163E-07	1.9394E-03
610889.43	4206001.03	10515.38695	0.00185	0.03368	2.91197E-07	1.8468E-03
610896.43	4206001.03	10030.60235	0.00176	0.03301	2.85404E-07	1.7616E-03
610903.43	4206001.03	9583.39077	0.00168	0.03237	2.79871E-07	1.6831E-03
610910.43	4206001.03	9169.5679	0.00161	0.03175	2.74510E-07	1.6104E-03
610917.43	4206001.03	8785.58672	0.00154	0.03115	2.69323E-07	1.5430E-03
610924.43	4206001.03	8428.25328	0.00148	0.03058	2.64395E-07	1.4802E-03
610931.43	4206001.03	8094.96879	0.00142	0.03002	2.59553E-07	1.4217E-03
610938.43	4206001.03	7783.30192	0.00137	0.02948	2.54884E-07	1.3670E-03
610945.43	4206001.03	7491.27676	0.00132	0.02896	2.50388E-07	1.3157E-03
610952.43	4206001.03	7217.09345	0.00127	0.02845	2.45979E-07	1.2676E-03
610959.43	4206001.03	6959.12086	0.00122	0.02796	2.41742E-07	1.2222E-03
610966.43	4206001.03	6715.99141	0.00118	0.02748	2.37592E-07	1.1796E-03
610994.43	4206001.03	5868.77027	0.00103	0.02570	2.22202E-07	1.0308E-03
611001.43	4206001.03	5683.63571	0.00100	0.02529	2.18657E-07	9.9825E-04
611008.43	4206001.03	5507.64578	0.00097	0.02489	2.15199E-07	9.6735E-04
611015.43	4206001.03	5340.11258	0.00094	0.02450	2.11827E-07	9.3792E-04
611022.43	4206001.03	5180.54131	0.00091	0.02412	2.08541E-07	9.0990E-04
611029.43	4206001.03	5028.35059	0.00088	0.02374	2.05256E-07	8.8317E-04
611036.43	4206001.03	4883.03529	0.00086	0.02338	2.02143E-07	8.5765E-04
611043.43	4206001.03	4744.16781	0.00083	0.02303	1.99117E-07	8.3326E-04
611050.43	4206001.03	4611.41693	0.00081	0.02269	1.96178E-07	8.0995E-04
611057.43	4206001.03	4484.39929	0.00079	0.02236	1.93324E-07	7.8764E-04
611064.43	4206001.03	4362.70167	0.00077	0.02203	1.90471E-07	7.6627E-04
611071.43	4206001.03	4246.07495	0.00075	0.02172	1.87791E-07	7.4579E-04
611078.43	4206001.03	4134.23693	0.00073	0.02141	1.85111E-07	7.2615E-04
610294.43	4206008.03	8315.99242	0.00146	0.24047	2.07910E-06	1.4623E-03
610301.43	4206008.03	8652.30576	0.00152	0.23892	2.06570E-06	1.5214E-03
610308.43	4206008.03	9007.28954	0.00158	0.23732	2.05187E-06	1.5837E-03
610315.43	4206008.03	9381.70725	0.00165	0.23565	2.03743E-06	1.6494E-03
610322.43	4206008.03	9777.91066	0.00172	0.23394	2.02264E-06	1.7190E-03
610329.43	4206008.03	10196.97064	0.00179	0.23216	2.00725E-06	1.7926E-03
610336.43	4206008.03	10640.29414	0.00187	0.23033	1.99143E-06	1.8704E-03
610343.43	4206008.03	11111.12861	0.00195	0.22846	1.97526E-06	1.9531E-03
610350.43	4206008.03	11615.49371	0.00204	0.22662	1.95936E-06	2.0416E-03
610357.43	4206008.03	12149.95174	0.00213	0.22471	1.94284E-06	2.1354E-03
610364.43	4206008.03	12717.29906	0.00223	0.22274	1.92581E-06	2.2351E-03
610371.43	4206008.03	13320.0034	0.00234	0.22071	1.90826E-06	2.3409E-03
610378.43	4206008.03	13961.67772	0.00245	0.21863	1.89027E-06	2.4535E-03
610385.43	4206008.03	14643.39185	0.00257	0.21646	1.87151E-06	2.5732E-03
610392.43	4206008.03	15369.18498	0.00270	0.21423	1.85223E-06	2.7006E-03
610399.43	4206008.03	16142.5018	0.00283	0.21191	1.83217E-06	2.8364E-03
610406.43	4206008.03	16968.32368	0.00298	0.20953	1.81160E-06	2.9814E-03
610413.43	4206008.03	17848.54897	0.00313	0.20705	1.79015E-06	3.1360E-03
610420.43	4206008.03	18780.03846	0.00330	0.20442	1.76741E-06	3.2995E-03
610427.43	4206008.03	19772.94121	0.00347	0.20170	1.74390E-06	3.4738E-03
610434.43	4206008.03	20835.00051	0.00366	0.19890	1.71969E-06	3.6603E-03
610441.43	4206008.03	21973.77811	0.00386	0.19604	1.69496E-06	3.8602E-03
610448.43	4206008.03	23193.09411	0.00407	0.19310	1.66954E-06	4.0743E-03
610455.43	4206008.03	24501.75965	0.00430	0.19008	1.64343E-06	4.3041E-03
610462.43	4206008.03	25908.26734	0.00455	0.18701	1.61689E-06	4.5511E-03
610469.43	4206008.03	27422.04742	0.00482	0.18386	1.58965E-06	4.8168E-03
610476.43	4206008.03	29053.83197	0.00510	0.18065	1.56190E-06	5.1034E-03
610483.43	4206008.03	30815.81104	0.00541	0.17738	1.53363E-06	5.4127E-03
610504.43	4206008.03	37090.90444	0.00651	0.16736	1.44699E-06	6.5145E-03
610511.43	4206008.03	39565.98884	0.00695	0.16393	1.41734E-06	6.9491E-03
610518.43	4206008.03	42274.5131	0.00742	0.16045	1.38725E-06	7.4247E-03
610525.43	4206008.03	45241.54597	0.00794	0.15693	1.35682E-06	7.9457E-03
610532.43	4206008.03	48510.45627	0.00852	0.15338	1.32612E-06	8.5197E-03
610539.43	4206008.03	52118.77849	0.00915	0.14979	1.29508E-06	9.1532E-03
610546.43	4206008.03	56128.12907	0.00986	0.14618	1.26387E-06	9.8572E-03
610553.43	4206008.03	60596.1891	0.01064	0.14255	1.23249E-06	1.0642E-02
610560.43	4206008.03	65613.88556	0.01152	0.13891	1.20102E-06	1.1523E-02
610567.43	4206008.03	71278.02549	0.01252	0.13528	1.16963E-06	1.2517E-02
610574.43	4206008.03	77709.47331	0.01365	0.13164	1.13816E-06	1.3647E-02
610581.43	4206008.03	85076.85151	0.01494	0.12801	1.10677E-06	1.4940E-02
610588.43	4206008.03	93554.46315	0.01643	0.12440	1.07556E-06	1.6429E-02
610595.43	4206008.03	103367.0039	0.01815	0.12081	1.04452E-06	1.8152E-02
610602.43	4206008.03	114669.7185	0.02014	0.11725	1.01374E-06	2.0137E-02
610609.43	4206008.03	127419.6462	0.02237	0.11372	9.83223E-07	2.2376E-02
610616.43	4206008.03	140817.096	0.02473	0.11023	9.53048E-07	2.4728E-02
610623.43	4206008.03	152972.3376	0.02686	0.10679	9.23306E-07	2.6863E-02
610630.43	4206008.03	162297.9812	0.02850	0.10339	8.93909E-07	2.8500E-02
610637.43	4206008.03	168653.2146	0.02962	0.10004	8.64945E-07	2.9616E-02
610644.43	4206008.03	173084.6437	0.03039	0.09676	8.36586E-07	3.0394E-02
610651.43	4206008.03	175753.2053	0.03086	0.09354	8.08746E-07	3.0863E-02
610658.43	4206008.03	174574.816	0.03065	0.09039	7.81511E-07	3.0656E-02
610686.43	4206008.03	158477.1123	0.02783	0.07861	6.79662E-07	2.7829E-02
610693.43	4206008.03	154717.8351	0.02717	0.07588	6.56058E-07	2.7169E-02
610700.43	4206008.03	149586.3167	0.02627	0.07326	6.33406E-07	2.6268E-02
610707.43	4206008.03	143086.7612	0.02513	0.07073	6.11531E-07	2.5126E-02
610714.43	4206008.03	135933.2113	0.02387	0.06830	5.90521E-07	2.3870E-02
610721.43	4206008.03	127673.3469	0.02242	0.06598	5.70463E-07	2.2420E-02
610728.43	4206008.03	118214.0054	0.02076	0.06376	5.51269E-07	2.0759E-02
610735.43	4206008.03	107443.9577	0.01887	0.06164	5.32939E-07	1.8867E-02
610742.43	4206008.03	95341.60498	0.01674	0.05962	5.15474E-07	1.6742E-02
610749.43	4206008.03	82291.82579	0.01445	0.05769	4.98787E-07	1.4451E-02
610756.43	4206008.03	69115.02329	0.01214	0.05587	4.83052E-07	1.2137E-02
610763.43	4206008.03	57341.29652	0.01007	0.05413	4.68008E-07	1.0069E-02
610770.43	4206008.03	47961.83292	0.00842	0.05249	4.53828E-07	8.4224E-03
610777.43	4206008.03	41048.29244	0.00721	0.05093	4.40341E-07	7.2084E-03
610784.43	4206008.03	35850.44738	0.00630	0.04946	4.27631E-07	6.2957E-03
610791.43	4206008.03	31871.66848	0.00560	0.04806	4.15527E-07	5.5970E-03
610798.43	4206008.03	28744.91866	0.00505	0.04673	4.04027E-07	5.0479E-03
610805.43	4206008.03	26160.34869	0.00459	0.04548	3.93220E-07	4.5941E-03
610812.43	4206008.03	23964.4513	0.00421	0.04429	3.82931E-07	4.2085E-03
610819.43	4206008.03	22077.85579	0.00388	0.04316	3.73161E-07	3.8772E-03
610826.43	4206008.03	20446.16048	0.00359	0.04209	3.63910E-07	3.5907E-03
610833.43	4206008.03	19009.18821	0.00334	0.04107	3.55091E-07	3.3383E-03
610840.43	4206008.03	17736.60552	0.00311	0.04010	3.46704E-07	3.1149E-03
610847.43	4206008.03	16605.47249	0.00292	0.03917	3.38664E-07	2.9162E-03
610854.43	4206008.03	15592.6434	0.00274	0.03829	3.31055E-07	2.7384E-03
610861.43	4206008.03	14680.88797	0.00258	0.03745	3.23793E-07	2.5783E-03
610868.43	4206008.03	13856.62063	0.00243	0.03664	3.16789E-07	2.4335E-03
610875.43	4206008.03	13108.16863	0.00230	0.03587	3.10132E-07	2.3021E-03
610882.43	4206008.03	12426.38833	0.00218	0.03513	3.03734E-07	2.1823E-03
610889.43	4206008.03	11803.01859	0.00207	0.03441	2.97509E-07	2.0729E-03
610896.43	4206008.03	11231.13116	0.00197	0.03373	2.91629E-07	1.9725E-03
610903.43	4206008.03	10704.80658	0.00188	0.03307	2.85923E-07	1.8800E-03
610910.43	4206008.03	10218.9985	0.00179	0.03243	2.80390E-07	1.7947E-03
610917.43	4206008.03	9769.30755	0.00172	0.03182	2.75116E-07	1.7157E-03
610924.43	4206008.03	9351.97557	0.00164	0.03122	2.69928E-07	1.6425E-03
610931.43	4206008.03	8963.59606	0.00157	0.03065	2.65000E-07	1.5743E-03
610938.43	4206008.03	8601.42317	0.00151	0.03009	2.60158E-07	1.5107E-03
610945.43	4206008.03	8262.85581	0.00145	0.02956	2.55576E-07	1.4512E-03
610952.43	4206008.03	7945.70816	0.00140	0.02904	2.51080E-07	1.3955E-03
610959.43	4206008.03	7648.02983	0.00134	0.02853	2.46670E-07	1.3432E-03
610966.43	4206008.03	7368.19493	0.00129	0.02804	2.42434E-07	1.2941E-03
610987.43	4206008.03	6620.77624	0.00116	0.02665	2.30416E-07	1.1628E-03
610994.43	4206008.03	6398.35481	0.00112	0.02621	2.26612E-07	1.1238E-03
611001.43	4206008.03	6187.65515	0.00109	0.02579	2.22980E-07	1.0868E-03
611008.43	4206008.03	5987.74671	0.00105	0.02538	2.19435E-07	1.0517E-03
611015.43	4206008.03	5797.88493	0.00102	0.02498	2.15977E-07	1.0183E-03
611022.43	4206008.03	5617.3824	0.00099	0.02459	2.12605E-07	9.8661E-04
611029.43	4206008.03	5445.54806	0.00096	0.02421	2.09320E-07	9.5644E-04
611036.43	4206008.03	5281.80834	0.00093	0.02384	2.06121E-07	9.2768E-04
611043.43	4206008.03	5125.63279	0.00090	0.02348	2.03008E-07	9.0025E-04
611050.43	4206008.03	4976.56696	0.00087	0.02312	1.99895E-07	8.7407E-04
611057.43	4206008.03	4834.20483	0.00085	0.02278	1.96956E-07	8.4907E-04
611064.43	4206008.03	4698.04396	0.00082	0.02245	1.94103E-07	8.2516E-04
611071.43	4206008.03	4567.77199	0.00080	0.02213	1.91336E-07	8.0228E-04
611078.43	4206008.03	4443.03761	0.00078	0.02181	1.88569E-07	7.8038E-04
610294.43	4206015.03	8242.38436	0.00145	0.24912	2.15389E-06	1.4495E-03
610301.43	4206015.03	8577.26855	0.00151	0.24756	2.14040E-06	1.5083E-03
610308.43	4206015.03	8930.90128	0.00157	0.24595	2.12648E-06	1.5704E-03
610315.43	4206015.03	9304.34864	0.00163	0.24428	2.11204E-06	1.6360E-03
610322.43	4206015.03	9699.90418	0.00170	0.24254	2.09700E-06	1.7054E-03
610329.43	4206015.03	10118.09012	0.00178	0.24075	2.08152E-06	1.7788E-03
610336.43	4206015.03	10560.89818	0.00185	0.23890	2.06553E-06	1.8565E-03
610343.43	4206015.03	11031.43427	0.00194	0.23700	2.04910E-06	1.9391E-03
610350.43	4206015.03	11534.62299	0.00203	0.23512	2.03285E-06	2.0275E-03
610357.43	4206015.03	12069.52231	0.00212	0.23318	2.01607E-06	2.1214E-03
610364.43	4206015.03	12637.05774	0.00222	0.23117	1.99869E-06	2.2210E-03
610371.43	4206015.03	13241.28964	0.00233	0.22911	1.98088E-06	2.3271E-03
610378.43	4206015.03	13883.26052	0.00244	0.22697	1.96238E-06	2.4398E-03
610385.43	4206015.03	14567.70141	0.00256	0.22477	1.94336E-06	2.5600E-03
610392.43	4206015.03	15297.1202	0.00269	0.22249	1.92365E-06	2.6881E-03
610399.43	4206015.03	16074.02701	0.00282	0.22011	1.90307E-06	2.8245E-03

610406.43	4206015.03	16904.3443	0.00297	0.21766	1.88189E-06	2.9702E-03
610413.43	4206015.03	17790.28734	0.00312	0.21512	1.85993E-06	3.1258E-03
610420.43	4206015.03	18731.27154	0.00329	0.21243	1.83667E-06	3.2910E-03
610427.43	4206015.03	19735.41707	0.00347	0.20964	1.81255E-06	3.4673E-03
610434.43	4206015.03	20809.33139	0.00365	0.20676	1.78765E-06	3.6559E-03
610441.43	4206015.03	21962.29721	0.00386	0.20382	1.76223E-06	3.8583E-03
610448.43	4206015.03	23199.81685	0.00407	0.20080	1.73612E-06	4.0756E-03
610455.43	4206015.03	24529.97732	0.00431	0.19770	1.70931E-06	4.3091E-03
610462.43	4206015.03	25961.59496	0.00456	0.19452	1.68182E-06	4.5605E-03
610469.43	4206015.03	27504.69404	0.00483	0.19127	1.65372E-06	4.8314E-03
610476.43	4206015.03	29168.57158	0.00512	0.18795	1.62501E-06	5.1236E-03
610483.43	4206015.03	30970.30248	0.00544	0.18456	1.59570E-06	5.4399E-03
610504.43	4206015.03	37401.64653	0.00657	0.17414	1.50561E-06	6.5692E-03
610511.43	4206015.03	39949.73616	0.00702	0.17056	1.47466E-06	7.0166E-03
610518.43	4206015.03	42738.40194	0.00750	0.16692	1.44319E-06	7.5062E-03
610525.43	4206015.03	45808.03057	0.00804	0.16325	1.41146E-06	8.0452E-03
610532.43	4206015.03	49196.56434	0.00864	0.15953	1.37930E-06	8.6402E-03
610539.43	4206015.03	52954.09412	0.00930	0.15578	1.34687E-06	9.3000E-03
610546.43	4206015.03	57141.47428	0.01003	0.15200	1.31419E-06	1.0035E-02
610553.43	4206015.03	61830.36465	0.01086	0.14819	1.28125E-06	1.0859E-02
610560.43	4206015.03	67126.77628	0.01179	0.14438	1.24831E-06	1.1789E-02
610567.43	4206015.03	73155.72828	0.01285	0.14057	1.21537E-06	1.2847E-02
610574.43	4206015.03	80065.65464	0.01406	0.13675	1.18234E-06	1.4061E-02
610581.43	4206015.03	88079.80749	0.01547	0.13295	1.14949E-06	1.5468E-02
610588.43	4206015.03	97457.77351	0.01711	0.12915	1.11663E-06	1.7114E-02
610595.43	4206015.03	108570.5844	0.01906	0.12538	1.08403E-06	1.9066E-02
610602.43	4206015.03	121814.2601	0.02139	0.12164	1.05170E-06	2.1391E-02
610609.43	4206015.03	137333.6749	0.02412	0.11793	1.01962E-06	2.4117E-02
610616.43	4206015.03	153969.349	0.02704	0.11427	9.87978E-07	2.7038E-02
610623.43	4206015.03	168103.6841	0.02952	0.11064	9.56593E-07	2.9520E-02
610630.43	4206015.03	178246.5583	0.03130	0.10707	9.25727E-07	3.1301E-02
610637.43	4206015.03	184899.5694	0.03247	0.10355	8.95293E-07	3.2469E-02
610644.43	4206015.03	189553.094	0.03329	0.10010	8.65464E-07	3.3286E-02
610651.43	4206015.03	192147.0103	0.03374	0.09672	8.36241E-07	3.3741E-02
610658.43	4206015.03	190773.4007	0.03350	0.09341	8.07622E-07	3.3500E-02
610687.33	4206013.76	177262.0524	0.03113	0.08023	6.93668E-07	3.1128E-02
610700.43	4206015.03	173273.7259	0.03043	0.07545	6.52340E-07	3.0427E-02
610777.43	4206015.03	47712.35827	0.00838	0.05221	4.51407E-07	8.3786E-03
610784.43	4206015.03	42202.61225	0.00741	0.05068	4.38179E-07	7.4111E-03
610791.43	4206015.03	37756.85679	0.00663	0.04924	4.25729E-07	6.6304E-03
610798.43	4206015.03	34090.67918	0.00599	0.04787	4.13884E-07	5.9867E-03
610805.43	4206015.03	30958.85567	0.00544	0.04658	4.02730E-07	5.4367E-03
610812.43	4206015.03	28257.87093	0.00496	0.04535	3.92096E-07	4.9624E-03
610819.43	4206015.03	25915.15149	0.00455	0.04419	3.82067E-07	4.5510E-03
610826.43	4206015.03	23883.03317	0.00419	0.04308	3.72469E-07	4.1942E-03
610833.43	4206015.03	22098.28904	0.00388	0.04203	3.63391E-07	3.8808E-03
610840.43	4206015.03	20524.64096	0.00360	0.04103	3.54745E-07	3.6044E-03
610847.43	4206015.03	19131.17941	0.00336	0.04008	3.46531E-07	3.3597E-03
610854.43	4206015.03	17889.16905	0.00314	0.03917	3.38664E-07	3.1416E-03
610861.43	4206015.03	16776.72023	0.00295	0.03830	3.31142E-07	2.9463E-03
610868.43	4206015.03	15775.8933	0.00277	0.03747	3.23965E-07	2.7705E-03
610875.43	4206015.03	14871.71611	0.00261	0.03668	3.17135E-07	2.6118E-03
610882.43	4206015.03	14051.68068	0.00247	0.03591	3.10478E-07	2.4678E-03
610889.43	4206015.03	13305.13672	0.00234	0.03518	3.04166E-07	2.3367E-03
610896.43	4206015.03	12623.01511	0.00222	0.03448	2.98114E-07	2.2169E-03
610903.43	4206015.03	11997.7929	0.00211	0.03380	2.92235E-07	2.1071E-03
610910.43	4206015.03	11422.76808	0.00201	0.03314	2.86528E-07	2.0061E-03
610917.43	4206015.03	10892.48728	0.00191	0.03251	2.81081E-07	1.9130E-03
610924.43	4206015.03	10402.05002	0.00183	0.03190	2.75807E-07	1.8269E-03
610931.43	4206015.03	9947.20533	0.00175	0.03131	2.70706E-07	1.7470E-03
610938.43	4206015.03	9524.33792	0.00167	0.03074	2.65778E-07	1.6727E-03
610945.43	4206015.03	9130.2603	0.00160	0.03018	2.60936E-07	1.6035E-03
610952.43	4206015.03	8762.24582	0.00154	0.02965	2.56354E-07	1.5389E-03
610959.43	4206015.03	8417.80114	0.00148	0.02913	2.51858E-07	1.4784E-03
610987.43	4206015.03	7236.82142	0.00127	0.02720	2.35171E-07	1.2710E-03
610994.43	4206015.03	6982.79765	0.00123	0.02675	2.31280E-07	1.2264E-03
611001.43	4206015.03	6742.69574	0.00118	0.02631	2.27476E-07	1.1842E-03
611008.43	4206015.03	6515.4417	0.00114	0.02589	2.23845E-07	1.1443E-03
611015.43	4206015.03	6300.03229	0.00111	0.02548	2.20300E-07	1.1065E-03
611022.43	4206015.03	6095.71972	0.00107	0.02507	2.16755E-07	1.0706E-03
611029.43	4206015.03	5901.61296	0.00104	0.02468	2.13383E-07	1.0365E-03
611036.43	4206015.03	5717.00015	0.00100	0.02431	2.10184E-07	1.0041E-03
611043.43	4206015.03	5541.27027	0.00097	0.02394	2.06985E-07	9.7324E-04
611050.43	4206015.03	5373.85692	0.00094	0.02358	2.03873E-07	9.4384E-04
611057.43	4206015.03	5214.23734	0.00092	0.02323	2.00846E-07	9.1581E-04
611064.43	4206015.03	5061.88232	0.00089	0.02289	1.97907E-07	8.8905E-04
611071.43	4206015.03	4916.32136	0.00086	0.02256	1.95054E-07	8.6349E-04
611078.43	4206015.03	4777.19198	0.00084	0.02223	1.92200E-07	8.3906E-04
611085.43	4206015.03	4644.10705	0.00082	0.02192	1.89520E-07	8.1568E-04
610294.43	4206022.03	8164.8355	0.00143	0.25824	2.23274E-06	1.4360E-03
610301.43	4206022.03	8497.8248	0.00149	0.25668	2.21925E-06	1.4944E-03
610308.43	4206022.03	8849.78898	0.00155	0.25505	2.20516E-06	1.5562E-03
610315.43	4206022.03	9221.90946	0.00162	0.25336	2.19055E-06	1.6215E-03
610322.43	4206022.03	9615.05555	0.00169	0.25160	2.17533E-06	1.6906E-03
610329.43	4206022.03	10031.8976	0.00176	0.24979	2.15968E-06	1.7637E-03
610336.43	4206022.03	10473.56452	0.00184	0.24792	2.14352E-06	1.8413E-03
610343.43	4206022.03	10943.17193	0.00192	0.24600	2.12691E-06	1.9237E-03
610350.43	4206022.03	11445.81339	0.00201	0.24409	2.11040E-06	2.0120E-03
610357.43	4206022.03	11979.78521	0.00210	0.24212	2.09337E-06	2.1057E-03
610364.43	4206022.03	12547.45999	0.00220	0.24009	2.07582E-06	2.2054E-03
610371.43	4206022.03	13150.58967	0.00231	0.23797	2.05749E-06	2.3113E-03
610378.43	4206022.03	13793.71043	0.00242	0.23580	2.03873E-06	2.4242E-03
610385.43	4206022.03	14478.96305	0.00254	0.23355	2.01927E-06	2.5445E-03
610392.43	4206022.03	15209.77571	0.00267	0.23121	1.99904E-06	2.6728E-03
610399.43	4206022.03	15990.03263	0.00281	0.22878	1.97803E-06	2.8098E-03
610406.43	4206022.03	16823.60829	0.00295	0.22627	1.95633E-06	2.9561E-03
610413.43	4206022.03	17714.89868	0.00311	0.22366	1.93376E-06	3.1126E-03
610420.43	4206022.03	18661.2206	0.00328	0.22090	1.90990E-06	3.2788E-03
610427.43	4206022.03	19674.88379	0.00345	0.21805	1.88526E-06	3.4568E-03
610434.43	4206022.03	20761.64235	0.00365	0.21511	1.85984E-06	3.6476E-03
610441.43	4206022.03	21926.76761	0.00385	0.21208	1.83364E-06	3.8521E-03
610448.43	4206022.03	23180.49025	0.00407	0.20897	1.80675E-06	4.0722E-03
610455.43	4206022.03	24527.93882	0.00431	0.20577	1.77909E-06	4.3088E-03
610462.43	4206022.03	25981.91262	0.00456	0.20250	1.75081E-06	4.5641E-03
610469.43	4206022.03	27549.3532	0.00484	0.19914	1.72176E-06	4.8393E-03
610476.43	4206022.03	29246.1009	0.00514	0.19571	1.69211E-06	5.1372E-03
610483.43	4206022.03	31081.72454	0.00546	0.19219	1.66167E-06	5.4595E-03
610504.43	4206022.03	37654.01228	0.00661	0.18135	1.56795E-06	6.6135E-03
610511.43	4206022.03	40264.86673	0.00707	0.17761	1.53562E-06	7.0720E-03
610518.43	4206022.03	43131.32207	0.00757	0.17381	1.50276E-06	7.5753E-03
610525.43	4206022.03	46290.33999	0.00813	0.16997	1.46956E-06	8.1300E-03
610532.43	4206022.03	49786.16	0.00874	0.16608	1.43593E-06	8.7438E-03
610539.43	4206022.03	53672.95318	0.00942	0.16215	1.40195E-06	9.4263E-03
610546.43	4206022.03	58018.34618	0.01019	0.15818	1.36762E-06	1.0189E-02
610553.43	4206022.03	62907.13395	0.01105	0.15420	1.33321E-06	1.1048E-02
610560.43	4206022.03	68448.11768	0.01202	0.15020	1.29863E-06	1.2021E-02
610567.43	4206022.03	74796.55393	0.01313	0.14620	1.26404E-06	1.3135E-02
610574.43	4206022.03	82121.29669	0.01442	0.14219	1.22937E-06	1.4422E-02
610581.43	4206022.03	90691.87793	0.01593	0.13820	1.19488E-06	1.5926E-02
610588.43	4206022.03	100847.7971	0.01771	0.13421	1.16038E-06	1.7710E-02
610595.43	4206022.03	113043.7461	0.01985	0.13025	1.12614E-06	1.9851E-02
610602.43	4206022.03	127891.5998	0.02246	0.12631	1.09208E-06	2.2459E-02
610609.43	4206022.03	145568.4029	0.02556	0.12241	1.05836E-06	2.5563E-02
610777.43	4206022.03	58042.78395	0.01019	0.05355	4.62993E-07	1.0193E-02
610784.43	4206022.03	52003.35335	0.00913	0.05197	4.49332E-07	9.1321E-03
610791.43	4206022.03	46612.28785	0.00819	0.05047	4.36363E-07	8.1855E-03
610798.43	4206022.03	41785.8822	0.00734	0.04906	4.24173E-07	7.3379E-03
610805.43	4206022.03	37589.28266	0.00660	0.04772	4.12587E-07	6.6010E-03
610812.43	4206022.03	33987.90743	0.00597	0.04646	4.01693E-07	5.9686E-03
610819.43	4206022.03	30908.62965	0.00543	0.04526	3.91318E-07	5.4279E-03
610826.43	4206022.03	28258.72512	0.00496	0.04412	3.81461E-07	4.9626E-03
610833.43	4206022.03	25958.21647	0.00456	0.04304	3.72124E-07	4.5586E-03
610840.43	4206022.03	23953.98079	0.00421	0.04201	3.63218E-07	4.2066E-03
610847.43	4206022.03	22197.7349	0.00390	0.04103	3.54745E-07	3.8982E-03
610854.43	4206022.03	20646.38899	0.00363	0.04009	3.46618E-07	3.6258E-03
610861.43	4206022.03	19268.64592	0.00338	0.03920	3.38923E-07	3.3839E-03
610868.43	4206022.03	18038.39069	0.00317	0.03834	3.31487E-07	3.1678E-03
610875.43	4206022.03	16934.61167	0.00297	0.03752	3.24398E-07	2.9740E-03
610882.43	4206022.03	15940.00452	0.00280	0.03674	3.17654E-07	2.7993E-03
610889.43	4206022.03	15039.70387	0.00264	0.03598	3.11083E-07	2.6412E-03
610896.43	4206022.03	14221.57563	0.00250	0.03526	3.04858E-07	2.4976E-03
610903.43	4206022.03	13475.26991	0.00237	0.03456	2.98806E-07	2.3665E-03
610910.43	4206022.03	12792.11287	0.00225	0.03388	2.92926E-07	2.2466E-03
610917.43	4206022.03	12164.78184	0.00214	0.03323	2.87306E-07	2.1364E-03
610924.43	4206022.03	11586.88561	0.00203	0.03260	2.81859E-07	2.0349E-03
610931.43	4206022.03	11052.98277	0.00194	0.03199	2.76585E-07	1.9412E-03
610938.43	4206022.03	10558.44439	0.00185	0.03140	2.71484E-07	1.8543E-03
610945.43	4206022.03	10099.15692	0.00177	0.03083	2.66556E-07	1.7737E-03
610952.43	4206022.03	9671.65409	0.00170	0.03028	2.61801E-07	1.6986E-03

610959.43	4206022.03	9272.81007	0.00163	0.02975	2.57218E-07	1.6285E-03
610980.43	4206022.03	8222.91473	0.00144	0.02824	2.44163E-07	1.4442E-03
610987.43	4206022.03	7914.80811	0.00139	0.02776	2.40013E-07	1.3901E-03
610994.43	4206022.03	7624.69489	0.00134	0.02730	2.36036E-07	1.3391E-03
611001.43	4206022.03	7351.13219	0.00129	0.02685	2.32145E-07	1.2911E-03
611008.43	4206022.03	7092.79809	0.00125	0.02642	2.28427E-07	1.2457E-03
611015.43	4206022.03	6848.53278	0.00120	0.02600	2.24796E-07	1.2028E-03
611022.43	4206022.03	6617.3001	0.00116	0.02558	2.21165E-07	1.1622E-03
611029.43	4206022.03	6398.09049	0.00112	0.02518	2.17706E-07	1.1237E-03
611036.43	4206022.03	6190.06188	0.00109	0.02480	2.14421E-07	1.0872E-03
611043.43	4206022.03	5992.42774	0.00105	0.02442	2.11135E-07	1.0525E-03
611050.43	4206022.03	5804.51737	0.00102	0.02405	2.07936E-07	1.0195E-03
611057.43	4206022.03	5625.66036	0.00099	0.02369	2.04824E-07	9.8806E-04
611064.43	4206022.03	5455.24156	0.00096	0.02334	2.01798E-07	9.5813E-04
611071.43	4206022.03	5292.72487	0.00093	0.02300	1.98858E-07	9.2959E-04
611078.43	4206022.03	5137.6204	0.00090	0.02267	1.96005E-07	9.0235E-04
611085.43	4206022.03	4989.47967	0.00088	0.02235	1.93238E-07	8.7633E-04
610294.43	4206029.03	8082.59203	0.00142	0.26785	2.31583E-06	1.4216E-03
610301.43	4206029.03	8413.45096	0.00148	0.26627	2.30217E-06	1.4797E-03
610308.43	4206029.03	8763.1741	0.00154	0.26463	2.28799E-06	1.5411E-03
610315.43	4206029.03	9133.19399	0.00160	0.26293	2.27329E-06	1.6060E-03
610322.43	4206029.03	9524.90085	0.00167	0.26117	2.25807E-06	1.6748E-03
610329.43	4206029.03	9939.93896	0.00175	0.25934	2.24225E-06	1.7477E-03
610336.43	4206029.03	10379.83912	0.00182	0.25745	2.22591E-06	1.8249E-03
610343.43	4206029.03	10848.00952	0.00190	0.25551	2.20914E-06	1.9071E-03
610350.43	4206029.03	11348.65283	0.00199	0.25358	2.19245E-06	1.9950E-03
610357.43	4206029.03	11880.86587	0.00209	0.25157	2.17507E-06	2.0884E-03
610364.43	4206029.03	12447.10352	0.00219	0.24950	2.15718E-06	2.1878E-03
610371.43	4206029.03	13049.94529	0.00229	0.24736	2.13867E-06	2.2937E-03
610378.43	4206029.03	13692.28783	0.00240	0.24514	2.11948E-06	2.4065E-03
610385.43	4206029.03	14377.29714	0.00252	0.24283	2.09951E-06	2.5267E-03
610392.43	4206029.03	15108.46701	0.00265	0.24044	2.07884E-06	2.6551E-03
610399.43	4206029.03	15890.65927	0.00279	0.23796	2.05740E-06	2.7924E-03
610406.43	4206029.03	16725.96188	0.00294	0.23538	2.03509E-06	2.9391E-03
610413.43	4206029.03	17620.07454	0.00309	0.23270	2.01192E-06	3.0961E-03
610420.43	4206029.03	18572.63175	0.00326	0.22988	1.98754E-06	3.2633E-03
610427.43	4206029.03	19592.69196	0.00344	0.22696	1.96230E-06	3.4424E-03
610434.43	4206029.03	20688.99923	0.00363	0.22395	1.93627E-06	3.6349E-03
610441.43	4206029.03	21865.60988	0.00384	0.22084	1.90938E-06	3.8415E-03
610448.43	4206029.03	23131.58373	0.00406	0.21763	1.88163E-06	4.0637E-03
610455.43	4206029.03	24495.62632	0.00430	0.21434	1.85318E-06	4.3032E-03
610462.43	4206029.03	25969.221	0.00456	0.21097	1.82405E-06	4.5620E-03
610469.43	4206029.03	27559.93339	0.00484	0.20750	1.79404E-06	4.8413E-03
610476.43	4206029.03	29281.96005	0.00514	0.20394	1.76326E-06	5.1436E-03
610483.43	4206029.03	31149.82215	0.00547	0.20031	1.73188E-06	5.4716E-03
610504.43	4206029.03	37847.13744	0.00665	0.18902	1.63427E-06	6.6475E-03
610511.43	4206029.03	40513.82579	0.00711	0.18511	1.60046E-06	7.1157E-03
610518.43	4206029.03	43446.74456	0.00763	0.18115	1.56622E-06	7.6307E-03
610525.43	4206029.03	46688.49889	0.00820	0.17713	1.53147E-06	8.1999E-03
610532.43	4206029.03	50278.88882	0.00883	0.17305	1.49619E-06	8.8304E-03
610539.43	4206029.03	54279.67672	0.00953	0.16894	1.46065E-06	9.5329E-03
610546.43	4206029.03	58768.39594	0.01032	0.16479	1.42477E-06	1.0321E-02
610553.43	4206029.03	63826.94119	0.01121	0.16061	1.38863E-06	1.1209E-02
610560.43	4206029.03	69585.20383	0.01222	0.15641	1.35232E-06	1.2220E-02
610567.43	4206029.03	76200.66182	0.01338	0.15220	1.31592E-06	1.3382E-02
610574.43	4206029.03	83885.27816	0.01473	0.14800	1.27961E-06	1.4731E-02
610581.43	4206029.03	92908.8775	0.01631	0.14379	1.24321E-06	1.6316E-02
610588.43	4206029.03	103686.1557	0.01821	0.13960	1.20698E-06	1.8208E-02
610595.43	4206029.03	116737.8732	0.02050	0.13543	1.17093E-06	2.0500E-02
610602.43	4206029.03	132751.2685	0.02331	0.13128	1.13505E-06	2.3312E-02
610609.43	4206029.03	151844.9251	0.02666	0.12717	1.09951E-06	2.6665E-02
610777.43	4206029.03	74831.85764	0.01314	0.05495	4.75097E-07	1.3141E-02
610784.43	4206029.03	67440.13853	0.01184	0.05331	4.60918E-07	1.1843E-02
610791.43	4206029.03	59648.67144	0.01047	0.05177	4.47603E-07	1.0475E-02
610798.43	4206029.03	52492.5113	0.00922	0.05031	4.34980E-07	9.2180E-03
610805.43	4206029.03	46436.81855	0.00815	0.04893	4.23049E-07	8.1546E-03
610833.43	4206029.03	30662.21417	0.00538	0.04409	3.81202E-07	5.3846E-03
610840.43	4206029.03	28079.07362	0.00493	0.04303	3.72037E-07	4.9310E-03
610847.43	4206029.03	25844.90163	0.00454	0.04202	3.63305E-07	4.5387E-03
610854.43	4206029.03	23895.32877	0.00420	0.04105	3.54918E-07	4.1963E-03
610861.43	4206029.03	22181.18616	0.00389	0.04013	3.46964E-07	3.8953E-03
610868.43	4206029.03	20664.07254	0.00363	0.03925	3.39355E-07	3.6289E-03
610875.43	4206029.03	19313.74379	0.00339	0.03841	3.32093E-07	3.3918E-03
610882.43	4206029.03	18105.41394	0.00318	0.03760	3.25089E-07	3.1796E-03
610889.43	4206029.03	17018.7068	0.00299	0.03682	3.18346E-07	2.9888E-03
610896.43	4206029.03	16036.87043	0.00282	0.03607	3.11861E-07	2.8164E-03
610903.43	4206029.03	15146.02668	0.00266	0.03535	3.05636E-07	2.6599E-03
610910.43	4206029.03	14334.64664	0.00252	0.03465	2.99584E-07	2.5174E-03
610917.43	4206029.03	13592.91615	0.00239	0.03398	2.93791E-07	2.3872E-03
610924.43	4206029.03	12912.54133	0.00227	0.03333	2.88171E-07	2.2677E-03
610931.43	4206029.03	12286.4061	0.00216	0.03271	2.82810E-07	2.1577E-03
610938.43	4206029.03	11708.66691	0.00206	0.03210	2.77536E-07	2.0563E-03
610945.43	4206029.03	11174.03478	0.00196	0.03151	2.72435E-07	1.9624E-03
610952.43	4206029.03	10678.04618	0.00188	0.03095	2.67594E-07	1.8753E-03
610987.43	4206029.03	8657.23228	0.00152	0.02835	2.45114E-07	1.5204E-03
610994.43	4206029.03	8326.3126	0.00146	0.02788	2.41050E-07	1.4623E-03
611001.43	4206029.03	8015.05025	0.00141	0.02742	2.37073E-07	1.4077E-03
611008.43	4206029.03	7721.81803	0.00136	0.02697	2.33182E-07	1.3562E-03
611015.43	4206029.03	7445.12983	0.00131	0.02654	2.29465E-07	1.3076E-03
611022.43	4206029.03	7183.85761	0.00126	0.02612	2.25833E-07	1.2617E-03
611029.43	4206029.03	6936.6255	0.00122	0.02571	2.22289E-07	1.2183E-03
611036.43	4206029.03	6702.52943	0.00118	0.02531	2.18830E-07	1.1772E-03
611043.43	4206029.03	6480.54881	0.00114	0.02492	2.15458E-07	1.1382E-03
611050.43	4206029.03	6269.85816	0.00110	0.02454	2.12173E-07	1.1012E-03
611057.43	4206029.03	6069.70518	0.00107	0.02418	2.09060E-07	1.0660E-03
611064.43	4206029.03	5879.29358	0.00103	0.02382	2.05948E-07	1.0326E-03
611071.43	4206029.03	5698.05114	0.00100	0.02347	2.02922E-07	1.0008E-03
611078.43	4206029.03	5525.31644	0.00097	0.02313	1.99982E-07	9.7043E-04
611085.43	4206029.03	5360.62788	0.00094	0.02281	1.97215E-07	9.4151E-04
610294.43	4206036.03	7996.70704	0.00140	0.27799	2.40350E-06	1.4066E-03
610301.43	4206036.03	8325.00538	0.00146	0.27641	2.38984E-06	1.4642E-03
610308.43	4206036.03	8672.21011	0.00152	0.27476	2.37557E-06	1.5252E-03
610315.43	4206036.03	9039.7229	0.00159	0.27305	2.36079E-06	1.5897E-03
610322.43	4206036.03	9429.01133	0.00166	0.27128	2.34549E-06	1.6581E-03
610329.43	4206036.03	9840.92753	0.00173	0.26942	2.32940E-06	1.7304E-03
610336.43	4206036.03	10278.58553	0.00180	0.26751	2.31289E-06	1.8072E-03
610343.43	4206036.03	10744.51267	0.00189	0.26556	2.29603E-06	1.8890E-03
610350.43	4206036.03	11243.24615	0.00197	0.26360	2.27908E-06	1.9766E-03
610357.43	4206036.03	11772.95528	0.00207	0.26156	2.26145E-06	2.0696E-03
610364.43	4206036.03	12336.87001	0.00217	0.25946	2.24329E-06	2.1686E-03
610371.43	4206036.03	12938.49579	0.00227	0.25729	2.22453E-06	2.2742E-03
610378.43	4206036.03	13579.14472	0.00238	0.25502	2.20490E-06	2.3867E-03
610385.43	4206036.03	14262.83391	0.00250	0.25266	2.18450E-06	2.5067E-03
610392.43	4206036.03	14994.12015	0.00263	0.25023	2.16349E-06	2.6351E-03
610399.43	4206036.03	15774.99383	0.00277	0.24767	2.14135E-06	2.7722E-03
610406.43	4206036.03	16611.80629	0.00292	0.24504	2.11861E-06	2.9191E-03
610413.43	4206036.03	17506.96618	0.00307	0.24229	2.09484E-06	3.0763E-03
610420.43	4206036.03	18464.34387	0.00324	0.23941	2.06994E-06	3.2444E-03
610427.43	4206036.03	19490.43095	0.00342	0.23642	2.04409E-06	3.4245E-03
610434.43	4206036.03	20592.86633	0.00362	0.23333	2.01737E-06	3.6181E-03
610441.43	4206036.03	21778.93487	0.00382	0.23014	1.98979E-06	3.8263E-03
610448.43	4206036.03	23056.48034	0.00405	0.22685	1.96134E-06	4.0506E-03
610455.43	4206036.03	24434.55726	0.00429	0.22346	1.93203E-06	4.2926E-03
610462.43	4206036.03	25923.31342	0.00455	0.21997	1.90186E-06	4.5540E-03
610469.43	4206036.03	27534.23419	0.00483	0.21639	1.87091E-06	4.8368E-03
610476.43	4206036.03	29280.35574	0.00514	0.21272	1.83918E-06	5.1434E-03
610483.43	4206036.03	31174.45199	0.00547	0.20894	1.80649E-06	5.4760E-03
610504.43	4206036.03	37981.37134	0.00667	0.19719	1.70490E-06	6.6711E-03
610511.43	4206036.03	40696.9063	0.00715	0.19311	1.66963E-06	7.1480E-03
610518.43	4206036.03	43691.39088	0.00767	0.18897	1.63383E-06	7.6737E-03
610525.43	4206036.03	46998.28906	0.00825	0.18476	1.59743E-06	8.2544E-03
610532.43	4206036.03	50675.24244	0.00890	0.18050	1.56060E-06	8.9000E-03
610539.43	4206036.03	54779.61685	0.00962	0.17618	1.52325E-06	9.6207E-03
610546.43	4206036.03	59382.55058	0.01043	0.17183	1.48564E-06	1.0429E-02
610553.43	4206036.03	64592.20261	0.01134	0.16744	1.44769E-06	1.1344E-02
610560.43	4206036.03	70528.67394	0.01238	0.16303	1.40956E-06	1.2386E-02
610567.43	4206036.03	77374.25313	0.01359	0.15861	1.37134E-06	1.3588E-02
610574.43	4206036.03	85350.20328	0.01499	0.15419	1.33313E-06	1.4989E-02
610581.43	4206036.03	94746.19419	0.01664	0.14976	1.29482E-06	1.6639E-02
610588.43	4206036.03	106013.1381	0.01862	0.14535	1.25670E-06	1.8617E-02
610595.43	4206036.03	119710.7396	0.02102	0.14095	1.21865E-06	2.1022E-02
610602.43	4206036.03	136573.3484	0.02398	0.13659	1.18096E-06	2.3983E-02
610609.43	4206036.03	156654.8199	0.02751	0.13225	1.14343E-06	2.7509E-02
610777.43	4206036.03	100058.442	0.01757	0.05642	4.87807E-07	1.7571E-02
610784.43	4206036.03	89232.25828	0.01567	0.05472	4.73109E-07	1.5669E-02
610791.43	4206036.03	76978.32551	0.01352	0.05312	4.59275E-07	1.3518E-02
610798.43	4206036.03	66202.37971	0.01162	0.05161	4.46220E-07	1.1625E-02
610805.43	4206036.03	57481.41009	0.01009	0.05019	4.33942E-07	1.0094E-02
610840.43	4206036.03	32902.69888	0.00578	0.04410	3.81288E-07	5.7780E-03

610847.43	4206036.03	30078.31193	0.00528	0.04306	3.72297E-07	5.2821E-03
610854.43	4206036.03	27641.66505	0.00485	0.04206	3.63651E-07	4.8542E-03
610861.43	4206036.03	25520.10908	0.00448	0.04111	3.55437E-07	4.4816E-03
610868.43	4206036.03	23658.58737	0.00415	0.04020	3.47569E-07	4.1547E-03
610875.43	4206036.03	22014.50999	0.00387	0.03933	3.40047E-07	3.8660E-03
610882.43	4206036.03	20553.17678	0.00361	0.03850	3.32871E-07	3.6094E-03
610889.43	4206036.03	19247.02528	0.00338	0.03769	3.25868E-07	3.3801E-03
610896.43	4206036.03	18073.58207	0.00317	0.03692	3.19210E-07	3.1740E-03
610903.43	4206036.03	17014.44214	0.00299	0.03618	3.12812E-07	2.9880E-03
610910.43	4206036.03	16054.36146	0.00282	0.03546	3.06587E-07	2.8194E-03
610917.43	4206036.03	15180.50902	0.00267	0.03477	3.00621E-07	2.6660E-03
610924.43	4206036.03	14382.21006	0.00253	0.03410	2.94828E-07	2.5258E-03
610931.43	4206036.03	13650.54063	0.00240	0.03345	2.89209E-07	2.3973E-03
610938.43	4206036.03	12977.71857	0.00228	0.03283	2.83848E-07	2.2791E-03
610945.43	4206036.03	12357.30614	0.00217	0.03222	2.78574E-07	2.1702E-03
611008.43	4206036.03	8403.76282	0.00148	0.02755	2.38197E-07	1.4759E-03
611015.43	4206036.03	8091.16655	0.00142	0.02711	2.34393E-07	1.4210E-03
611022.43	4206036.03	7796.4926	0.00137	0.02667	2.30589E-07	1.3693E-03
611029.43	4206036.03	7518.34622	0.00132	0.02625	2.26957E-07	1.3204E-03
611036.43	4206036.03	7255.42553	0.00127	0.02584	2.23413E-07	1.2743E-03
611043.43	4206036.03	7006.58159	0.00123	0.02545	2.20041E-07	1.2306E-03
611050.43	4206036.03	6770.82722	0.00119	0.02506	2.16669E-07	1.1892E-03
611057.43	4206036.03	6547.21836	0.00115	0.02468	2.13383E-07	1.1499E-03
611064.43	4206036.03	6334.88741	0.00111	0.02432	2.10271E-07	1.1126E-03
611071.43	4206036.03	6133.05944	0.00108	0.02396	2.07158E-07	1.0772E-03
611078.43	4206036.03	5941.08012	0.00104	0.02362	2.04218E-07	1.0434E-03
610294.43	4206043.03	7907.00123	0.00139	0.28870	2.49610E-06	1.3909E-03
610301.43	4206043.03	8231.80088	0.00145	0.28710	2.48227E-06	1.4480E-03
610308.43	4206043.03	8576.09297	0.00151	0.28545	2.46800E-06	1.5084E-03
610315.43	4206043.03	8940.60493	0.00157	0.28373	2.45313E-06	1.5724E-03
610322.43	4206043.03	9326.9135	0.00164	0.28194	2.43765E-06	1.6402E-03
610329.43	4206043.03	9736.57153	0.00171	0.28009	2.42166E-06	1.7121E-03
610336.43	4206043.03	10171.3274	0.00179	0.27816	2.40497E-06	1.7885E-03
610343.43	4206043.03	10634.55433	0.00187	0.27619	2.38794E-06	1.8698E-03
610350.43	4206043.03	11129.19218	0.00195	0.27420	2.37073E-06	1.9566E-03
610357.43	4206043.03	11656.41232	0.00205	0.27215	2.35301E-06	2.0492E-03
610364.43	4206043.03	12217.13153	0.00215	0.27001	2.33451E-06	2.1476E-03
610371.43	4206043.03	12815.81225	0.00225	0.26780	2.31540E-06	2.2527E-03
610378.43	4206043.03	13454.65586	0.00236	0.26550	2.29551E-06	2.3649E-03
610385.43	4206043.03	14135.89148	0.00248	0.26308	2.27459E-06	2.4845E-03
610392.43	4206043.03	14865.10153	0.00261	0.26059	2.25306E-06	2.6125E-03
610399.43	4206043.03	15645.42992	0.00275	0.25799	2.23058E-06	2.7495E-03
610406.43	4206043.03	16481.27474	0.00289	0.25529	2.20724E-06	2.8963E-03
610413.43	4206043.03	17376.0975	0.00305	0.25246	2.18277E-06	3.0534E-03
610420.43	4206043.03	18335.08415	0.00322	0.24952	2.15735E-06	3.2218E-03
610427.43	4206043.03	19365.35528	0.00340	0.24646	2.13089E-06	3.4026E-03
610434.43	4206043.03	20473.452	0.00360	0.24330	2.10357E-06	3.5972E-03
610441.43	4206043.03	21666.89161	0.00380	0.24003	2.07530E-06	3.8067E-03
610448.43	4206043.03	22951.99793	0.00403	0.23664	2.04599E-06	4.0324E-03
610455.43	4206043.03	24341.53934	0.00427	0.23316	2.01590E-06	4.2763E-03
610462.43	4206043.03	25844.26268	0.00454	0.22956	1.98477E-06	4.5402E-03
610469.43	4206043.03	27470.15173	0.00482	0.22586	1.95278E-06	4.8257E-03
610476.43	4206043.03	29236.79127	0.00513	0.22205	1.91984E-06	5.1358E-03
610483.43	4206043.03	31157.86262	0.00547	0.21815	1.88612E-06	5.4731E-03
610497.43	4206043.03	35544.43342	0.00624	0.21008	1.81635E-06	6.2433E-03
610504.43	4206043.03	38056.62895	0.00668	0.20591	1.78030E-06	6.6844E-03
610511.43	4206043.03	40817.49933	0.00717	0.20166	1.74355E-06	7.1692E-03
610518.43	4206043.03	43858.15792	0.00770	0.19732	1.70603E-06	7.7031E-03
610525.43	4206043.03	47228.39251	0.00829	0.19292	1.66799E-06	8.2949E-03
610532.43	4206043.03	50976.15598	0.00895	0.18845	1.62934E-06	8.9529E-03
610539.43	4206043.03	55165.05326	0.00969	0.18393	1.59026E-06	9.6885E-03
610546.43	4206043.03	59874.76977	0.01051	0.17936	1.55075E-06	1.0515E-02
610553.43	4206043.03	65206.4371	0.01145	0.17475	1.51089E-06	1.1452E-02
610560.43	4206043.03	71291.13275	0.01252	0.17012	1.47086E-06	1.2520E-02
610567.43	4206043.03	78327.53153	0.01375	0.16547	1.43065E-06	1.3756E-02
610574.43	4206043.03	86539.99552	0.01520	0.16081	1.39036E-06	1.5198E-02
610581.43	4206043.03	96232.52241	0.01690	0.15615	1.35007E-06	1.6900E-02
610588.43	4206043.03	107876.1587	0.01894	0.15150	1.30987E-06	1.8944E-02
610595.43	4206043.03	122051.0159	0.02143	0.14686	1.26975E-06	2.1433E-02
610602.43	4206043.03	139526.7461	0.02450	0.14225	1.22989E-06	2.4502E-02
610609.43	4206043.03	160378.4083	0.02816	0.13768	1.19038E-06	2.8163E-02
610777.43	4206043.03	129944.4748	0.02282	0.05796	5.01122E-07	2.2818E-02
610784.43	4206043.03	114370.0001	0.02008	0.05620	4.85905E-07	2.0084E-02
610791.43	4206043.03	96899.83197	0.01702	0.05455	4.71639E-07	1.7016E-02
610798.43	4206043.03	82003.41088	0.01440	0.05298	4.58065E-07	1.4400E-02
610805.43	4206043.03	70208.96539	0.01233	0.05151	4.45355E-07	1.2329E-02
610840.43	4206043.03	38371.77179	0.00674	0.04522	3.90972E-07	6.7384E-03
610847.43	4206043.03	34861.62377	0.00612	0.04414	3.81634E-07	6.1220E-03
610854.43	4206043.03	31860.56543	0.00559	0.04312	3.72815E-07	5.5950E-03
610861.43	4206043.03	29268.19243	0.00514	0.04214	3.64342E-07	5.1398E-03
610868.43	4206043.03	27010.06835	0.00474	0.04120	3.56215E-07	4.7433E-03
610875.43	4206043.03	25028.34207	0.00439	0.04030	3.48434E-07	4.3953E-03
610882.43	4206043.03	23277.3097	0.00409	0.03944	3.40998E-07	4.0878E-03
610889.43	4206043.03	21720.67568	0.00381	0.03861	3.33822E-07	3.8144E-03
610896.43	4206043.03	20328.99912	0.00357	0.03781	3.26905E-07	3.5701E-03
610903.43	4206043.03	19078.73631	0.00335	0.03704	3.20248E-07	3.3505E-03
610910.43	4206043.03	17950.25502	0.00315	0.03630	3.13850E-07	3.1523E-03
610917.43	4206043.03	16927.23196	0.00297	0.03559	3.07711E-07	2.9727E-03
610924.43	4206043.03	15996.13448	0.00281	0.03490	3.01745E-07	2.8092E-03
610931.43	4206043.03	15145.70393	0.00266	0.03423	2.95952E-07	2.6598E-03
610938.43	4206043.03	14366.33533	0.00252	0.03359	2.90419E-07	2.5230E-03
610966.43	4206043.03	11812.80102	0.00207	0.03121	2.69842E-07	2.0746E-03
610973.43	4206043.03	11287.06212	0.00198	0.03066	2.65086E-07	1.9822E-03
610294.43	4206050.03	7813.06624	0.00137	0.30002	2.59397E-06	1.3746E-03
610301.43	4206050.03	8135.18581	0.00143	0.29842	2.58014E-06	1.4311E-03
610308.43	4206050.03	8476.03497	0.00149	0.29677	2.56587E-06	1.4909E-03
610315.43	4206050.03	8837.2143	0.00155	0.29504	2.55091E-06	1.5543E-03
610322.43	4206050.03	9220.07604	0.00162	0.29325	2.53544E-06	1.6216E-03
610329.43	4206050.03	9626.35848	0.00169	0.29138	2.51927E-06	1.6929E-03
610336.43	4206050.03	10057.68838	0.00177	0.28945	2.50258E-06	1.7686E-03
610343.43	4206050.03	10516.82394	0.00185	0.28745	2.48529E-06	1.8492E-03
610350.43	4206050.03	11008.14541	0.00193	0.28546	2.46809E-06	1.9355E-03
610357.43	4206050.03	11531.30933	0.00202	0.28338	2.45010E-06	2.0273E-03
610364.43	4206050.03	12088.94079	0.00212	0.28121	2.43134E-06	2.1252E-03
610371.43	4206050.03	12683.74063	0.00223	0.27896	2.41189E-06	2.2296E-03
610378.43	4206050.03	13318.89238	0.00234	0.27661	2.39157E-06	2.3412E-03
610385.43	4206050.03	13996.63097	0.00246	0.27414	2.37021E-06	2.4601E-03
610392.43	4206050.03	14722.63472	0.00259	0.27159	2.34817E-06	2.5876E-03
610399.43	4206050.03	15500.06307	0.00272	0.26893	2.32517E-06	2.7241E-03
610406.43	4206050.03	16333.29649	0.00287	0.26616	2.30122E-06	2.8704E-03
610413.43	4206050.03	17227.39973	0.00303	0.26327	2.27623E-06	3.0274E-03
610420.43	4206050.03	18187.77944	0.00319	0.26027	2.25029E-06	3.1960E-03
610427.43	4206050.03	19220.52561	0.00338	0.25715	2.22332E-06	3.3773E-03
610434.43	4206050.03	20330.88989	0.00357	0.25391	2.19530E-06	3.5723E-03
610441.43	4206050.03	21527.87126	0.00378	0.25055	2.16625E-06	3.7824E-03
610448.43	4206050.03	22821.55704	0.00401	0.24708	2.13625E-06	4.0096E-03
610455.43	4206050.03	24218.26273	0.00425	0.24348	2.10513E-06	4.2548E-03
610462.43	4206050.03	25732.3733	0.00452	0.23978	2.07314E-06	4.5206E-03
610469.43	4206050.03	27372.12241	0.00481	0.23595	2.04002E-06	4.8085E-03
610476.43	4206050.03	29155.98407	0.00512	0.23202	2.00604E-06	5.1217E-03
610483.43	4206050.03	31095.45724	0.00546	0.22797	1.97103E-06	5.4623E-03
610497.43	4206050.03	35531.57084	0.00624	0.21958	1.89849E-06	6.2412E-03
610504.43	4206050.03	38073.16229	0.00669	0.21523	1.86088E-06	6.6874E-03
610511.43	4206050.03	40869.24688	0.00718	0.21078	1.82240E-06	7.1784E-03
610518.43	4206050.03	43955.63047	0.00772	0.20625	1.78324E-06	7.7203E-03
610525.43	4206050.03	47375.97723	0.00832	0.20165	1.74346E-06	8.3209E-03
610532.43	4206050.03	51183.08273	0.00899	0.19697	1.70300E-06	8.9893E-03
610539.43	4206050.03	55442.70543	0.00974	0.19222	1.66193E-06	9.7373E-03
610546.43	4206050.03	60236.53157	0.01058	0.18742	1.62043E-06	1.0579E-02
610553.43	4206050.03	65675.68629	0.01153	0.18258	1.57859E-06	1.1534E-02
610560.43	4206050.03	71881.3515	0.01262	0.17770	1.53639E-06	1.2624E-02
610567.43	4206050.03	79073.46987	0.01389	0.17281	1.49411E-06	1.3887E-02
610574.43	4206050.03	87475.93821	0.01536	0.16790	1.45166E-06	1.5362E-02
610581.43	4206050.03	97400.3248	0.01710	0.16299	1.40921E-06	1.7105E-02
610588.43	4206050.03	109330.311	0.01920	0.15808	1.36676E-06	1.9200E-02
610595.43	4206050.03	123879.5494	0.02175	0.15318	1.32439E-06	2.1754E-02
610602.43	4206050.03	141773.6122	0.02490	0.14831	1.28229E-06	2.4896E-02
610609.43	4206050.03	163151.0283	0.02865	0.14348	1.24053E-06	2.8650E-02
610777.43	4206050.03	158472.5895	0.02783	0.05958	5.15128E-07	2.7828E-02
610784.43	4206050.03	138926.2574	0.02440	0.05776	4.99393E-07	2.4396E-02
610791.43	4206050.03	117140.2135	0.02057	0.05604	4.84522E-07	2.0570E-02
610798.43	4206050.03	98541.6078	0.01730	0.05442	4.70515E-07	1.7304E-02
610805.43	4206050.03	83797.48981	0.01471	0.05289	4.57287E-07	1.4715E-02
610812.43	4206050.03	72197.18118	0.01268	0.05145	4.44836E-07	1.2678E-02
610833.43	4206050.03	49445.39502	0.00868	0.04756	4.11204E-07	8.6829E-03
610840.43	4206050.03	44380.98354	0.00779	0.04639	4.01088E-07	7.7936E-03
610847.43	4206050.03	40120.74165	0.00705	0.04528	3.91491E-07	7.0455E-03
610854.43	4206050.03	36497.97977	0.00641	0.04422	3.82326E-07	6.4093E-03
610861.43	4206050.03	33385.86702	0.00586	0.04321	3.73593E-07	5.8629E-03

610868.43	4206050.03	30689.04026	0.00539	0.04224	3.65207E-07	5.3893E-03
610875.43	4206050.03	28333.48356	0.00498	0.04131	3.57166E-07	4.9757E-03
610882.43	4206050.03	26261.38303	0.00461	0.04042	3.49471E-07	4.6118E-03
610889.43	4206050.03	24427.01192	0.00429	0.03956	3.42036E-07	4.2897E-03
610896.43	4206050.03	22793.77962	0.00400	0.03874	3.34946E-07	4.0029E-03
610903.43	4206050.03	21331.8119	0.00375	0.03795	3.28116E-07	3.7461E-03
610910.43	4206050.03	20016.76374	0.00351	0.03718	3.21458E-07	3.5152E-03
610917.43	4206050.03	18828.64672	0.00331	0.03645	3.15147E-07	3.3066E-03
610924.43	4206050.03	17750.88963	0.00312	0.03574	3.09008E-07	3.1173E-03
610931.43	4206050.03	16769.34219	0.00294	0.03505	3.03042E-07	2.9450E-03
610938.43	4206050.03	15872.42523	0.00279	0.03438	2.97249E-07	2.7875E-03
610959.43	4206050.03	13596.80502	0.00239	0.03252	2.81168E-07	2.3878E-03
610966.43	4206050.03	12952.22586	0.00227	0.03193	2.76067E-07	2.2747E-03
610973.43	4206050.03	12354.8528	0.00217	0.03137	2.71225E-07	2.1698E-03
610980.43	4206050.03	11799.9253	0.00207	0.03082	2.66470E-07	2.0723E-03
610987.43	4206050.03	11283.33881	0.00198	0.03029	2.61887E-07	1.9816E-03
610994.43	4206050.03	10801.4524	0.00190	0.02977	2.57391E-07	1.8970E-03
611071.43	4206050.03	7094.37278	0.00125	0.02501	2.16236E-07	1.2460E-03
611078.43	4206050.03	6858.68412	0.00120	0.02465	2.13124E-07	1.2046E-03
611085.43	4206050.03	6634.90394	0.00117	0.02429	2.10011E-07	1.1653E-03
611092.43	4206050.03	6422.15317	0.00113	0.02395	2.07072E-07	1.1279E-03
610294.43	4206057.03	7716.201	0.00135	0.31206	2.69807E-06	1.3576E-03
610301.43	4206057.03	8034.58471	0.00141	0.31046	2.68424E-06	1.4135E-03
610308.43	4206057.03	8371.27493	0.00147	0.30878	2.66971E-06	1.4726E-03
610315.43	4206057.03	8728.5736	0.00153	0.30705	2.65475E-06	1.5354E-03
610322.43	4206057.03	9107.58779	0.00160	0.30525	2.63919E-06	1.6019E-03
610329.43	4206057.03	9509.79531	0.00167	0.30337	2.62294E-06	1.6725E-03
610336.43	4206057.03	9937.18894	0.00174	0.30142	2.60608E-06	1.7476E-03
610343.43	4206057.03	10392.28355	0.00182	0.29941	2.58870E-06	1.8275E-03
610350.43	4206057.03	10879.59688	0.00191	0.29741	2.57141E-06	1.9130E-03
610357.43	4206057.03	11398.0531	0.00200	0.29529	2.55308E-06	2.0040E-03
610364.43	4206057.03	11950.86215	0.00210	0.29309	2.53405E-06	2.1011E-03
610371.43	4206057.03	12540.93309	0.00220	0.29079	2.51417E-06	2.2047E-03
610378.43	4206057.03	13171.31201	0.00231	0.28839	2.49342E-06	2.3153E-03
610385.43	4206057.03	13846.42076	0.00243	0.28591	2.47198E-06	2.4339E-03
610392.43	4206057.03	14568.04967	0.00256	0.28329	2.44932E-06	2.5606E-03
610399.43	4206057.03	15341.3232	0.00269	0.28057	2.42581E-06	2.6963E-03
610406.43	4206057.03	16170.73995	0.00284	0.27773	2.40125E-06	2.8419E-03
610413.43	4206057.03	17062.54472	0.00300	0.27478	2.37575E-06	2.9985E-03
610420.43	4206057.03	18021.39549	0.00316	0.27172	2.34929E-06	3.1669E-03
610427.43	4206057.03	19053.37848	0.00335	0.26853	2.32171E-06	3.3481E-03
610434.43	4206057.03	20165.45436	0.00354	0.26521	2.29300E-06	3.5433E-03
610441.43	4206057.03	21365.43956	0.00375	0.26177	2.26326E-06	3.7540E-03
610448.43	4206057.03	22663.74625	0.00398	0.25821	2.23248E-06	3.9819E-03
610455.43	4206057.03	24066.80565	0.00423	0.25451	2.20049E-06	4.2283E-03
610462.43	4206057.03	25587.31338	0.00449	0.25068	2.16738E-06	4.4952E-03
610469.43	4206057.03	27238.03197	0.00478	0.24673	2.13323E-06	4.7851E-03
610476.43	4206057.03	29033.28614	0.00510	0.24266	2.09804E-06	5.1003E-03
610483.43	4206057.03	30989.76802	0.00544	0.23847	2.06181E-06	5.4438E-03
610497.43	4206057.03	35463.27513	0.00623	0.22973	1.98624E-06	6.2293E-03
610504.43	4206057.03	38028.18905	0.00668	0.22519	1.94699E-06	6.6796E-03
610511.43	4206057.03	40856.10428	0.00717	0.22055	1.90687E-06	7.1761E-03
610518.43	4206057.03	43976.58916	0.00772	0.21582	1.86598E-06	7.7241E-03
610525.43	4206057.03	47442.2454	0.00833	0.21100	1.82430E-06	8.3326E-03
610532.43	4206057.03	51298.42823	0.00901	0.20609	1.78185E-06	9.0097E-03
610539.43	4206057.03	55621.61267	0.00977	0.20112	1.73888E-06	9.7688E-03
610546.43	4206057.03	60484.86813	0.01062	0.19607	1.69522E-06	1.0623E-02
610553.43	4206057.03	65999.08044	0.01159	0.19098	1.65121E-06	1.1591E-02
610560.43	4206057.03	72308.94131	0.01270	0.18584	1.60677E-06	1.2699E-02
610567.43	4206057.03	79627.24697	0.01398	0.18069	1.56224E-06	1.3984E-02
610574.43	4206057.03	88181.36183	0.01548	0.17551	1.51746E-06	1.5486E-02
610581.43	4206057.03	98300.69741	0.01726	0.17033	1.47267E-06	1.7263E-02
610588.43	4206057.03	110435.1131	0.01939	0.16514	1.42780E-06	1.9394E-02
610595.43	4206057.03	125244.747	0.02199	0.15996	1.38301E-06	2.1994E-02
610602.43	4206057.03	143454.0769	0.02519	0.15481	1.33849E-06	2.5192E-02
610609.43	4206057.03	165211.5775	0.02901	0.14970	1.29431E-06	2.9012E-02
610777.43	4206057.03	183117.31	0.03215	0.06128	5.29827E-07	3.2156E-02
610784.43	4206057.03	160890.6253	0.02825	0.05939	5.13486E-07	2.8253E-02
610791.43	4206057.03	136107.6898	0.02390	0.05761	4.98096E-07	2.3901E-02
610798.43	4206057.03	114660.6443	0.02013	0.05593	4.83571E-07	2.0135E-02
610805.43	4206057.03	97434.10232	0.01711	0.05435	4.69910E-07	1.7110E-02
610812.43	4206057.03	83763.25255	0.01471	0.05286	4.57027E-07	1.4709E-02
610819.43	4206057.03	72847.93934	0.01279	0.05144	4.44750E-07	1.2792E-02
610833.43	4206057.03	56787.85522	0.00997	0.04884	4.22270E-07	9.9722E-03
610840.43	4206057.03	50786.27615	0.00892	0.04763	4.11809E-07	8.9184E-03
610847.43	4206057.03	45748.32032	0.00803	0.04648	4.01866E-07	8.0337E-03
610854.43	4206057.03	41474.60964	0.00728	0.04538	3.92355E-07	7.2832E-03
610861.43	4206057.03	37813.41327	0.00664	0.04434	3.83363E-07	6.6403E-03
610868.43	4206057.03	34649.92184	0.00608	0.04333	3.74631E-07	6.0848E-03
610875.43	4206057.03	31894.74128	0.00560	0.04237	3.66331E-07	5.6010E-03
610882.43	4206057.03	29478.3059	0.00518	0.04145	3.58376E-07	5.1767E-03
610889.43	4206057.03	27345.10771	0.00480	0.04057	3.50768E-07	4.8021E-03
610896.43	4206057.03	25451.10631	0.00447	0.03972	3.43419E-07	4.4695E-03
610903.43	4206057.03	23760.37581	0.00417	0.03890	3.36329E-07	4.1726E-03
610910.43	4206057.03	22243.62416	0.00391	0.03811	3.29499E-07	3.9063E-03
610917.43	4206057.03	20876.77212	0.00367	0.03735	3.22928E-07	3.6662E-03
610924.43	4206057.03	19639.8472	0.00345	0.03661	3.16530E-07	3.4490E-03
610931.43	4206057.03	18516.25161	0.00325	0.03590	3.10391E-07	3.2517E-03
610938.43	4206057.03	17491.83393	0.00307	0.03522	3.04512E-07	3.0718E-03
610959.43	4206057.03	14903.94836	0.00262	0.03329	2.87825E-07	2.6174E-03
610966.43	4206057.03	14174.0833	0.00249	0.03269	2.82638E-07	2.4892E-03
610973.43	4206057.03	13499.05987	0.00237	0.03211	2.77623E-07	2.3707E-03
610980.43	4206057.03	12873.21489	0.00226	0.03154	2.72695E-07	2.2608E-03
610987.43	4206057.03	12291.70544	0.00216	0.03100	2.68026E-07	2.1587E-03
610994.43	4206057.03	11750.27869	0.00206	0.03047	2.63443E-07	2.0636E-03
611001.43	4206057.03	11245.23949	0.00197	0.02995	2.58948E-07	1.9749E-03
611008.43	4206057.03	10773.21686	0.00189	0.02946	2.54711E-07	1.8920E-03
611015.43	4206057.03	10331.30501	0.00181	0.02897	2.50474E-07	1.8144E-03
611022.43	4206057.03	9917.00745	0.00174	0.02850	2.46411E-07	1.7417E-03
611029.43	4206057.03	9527.93604	0.00167	0.02805	2.42520E-07	1.6733E-03
611036.43	4206057.03	9162.04135	0.00161	0.02760	2.38629E-07	1.6091E-03
611043.43	4206057.03	8817.44742	0.00155	0.02717	2.34912E-07	1.5486E-03
611050.43	4206057.03	8492.50373	0.00149	0.02676	2.31367E-07	1.4915E-03
611057.43	4206057.03	8185.66711	0.00144	0.02635	2.27822E-07	1.4376E-03
611064.43	4206057.03	7895.62637	0.00139	0.02596	2.24450E-07	1.3867E-03
611071.43	4206057.03	7621.12081	0.00134	0.02557	2.21078E-07	1.3385E-03
611078.43	4206057.03	7361.02075	0.00129	0.02520	2.17879E-07	1.2928E-03
611085.43	4206057.03	7114.33283	0.00125	0.02484	2.14767E-07	1.2495E-03
611092.43	4206057.03	6880.15926	0.00121	0.02448	2.11654E-07	1.2084E-03
610294.43	4206064.03	7615.47714	0.00134	0.32481	2.80831E-06	1.3401E-03
610301.43	4206064.03	7929.92453	0.00139	0.32321	2.79447E-06	1.3953E-03
610308.43	4206064.03	8262.97833	0.00145	0.32155	2.78012E-06	1.4537E-03
610315.43	4206064.03	8616.11807	0.00151	0.31982	2.76516E-06	1.5157E-03
610322.43	4206064.03	8990.76209	0.00158	0.31801	2.74951E-06	1.5815E-03
610329.43	4206064.03	9388.66008	0.00165	0.31613	2.73326E-06	1.6514E-03
610336.43	4206064.03	9811.49773	0.00172	0.31417	2.71631E-06	1.7256E-03
610343.43	4206064.03	10261.99294	0.00180	0.31215	2.69885E-06	1.8047E-03
610350.43	4206064.03	10743.20599	0.00189	0.31009	2.68104E-06	1.8892E-03
610357.43	4206064.03	11256.89098	0.00198	0.30796	2.66262E-06	1.9793E-03
610364.43	4206064.03	11804.15867	0.00207	0.30571	2.64317E-06	2.0754E-03
610371.43	4206064.03	12389.46745	0.00218	0.30339	2.62311E-06	2.1782E-03
610378.43	4206064.03	13014.22446	0.00229	0.30094	2.60193E-06	2.2879E-03
610385.43	4206064.03	13683.68731	0.00240	0.29840	2.57996E-06	2.4054E-03
610392.43	4206064.03	14399.71972	0.00253	0.29573	2.55688E-06	2.5311E-03
610399.43	4206064.03	15168.52217	0.00266	0.29296	2.53293E-06	2.6661E-03
610406.43	4206064.03	15992.63731	0.00281	0.29005	2.50777E-06	2.8108E-03
610413.43	4206064.03	16879.47606	0.00296	0.28703	2.48166E-06	2.9665E-03
610420.43	4206064.03	17834.90284	0.00313	0.28390	2.45460E-06	3.1342E-03
610427.43	4206064.03	18865.67751	0.00331	0.28065	2.42650E-06	3.3152E-03
610434.43	4206064.03	19977.50476	0.00351	0.27726	2.39719E-06	3.5104E-03
610441.43	4206064.03	21178.29114	0.00372	0.27373	2.36667E-06	3.7212E-03
610448.43	4206064.03	22477.05385	0.00395	0.27007	2.33502E-06	3.9493E-03
610455.43	4206064.03	23883.80448	0.00419	0.26627	2.30217E-06	4.1962E-03
610462.43	4206064.03	25409.84315	0.00446	0.26233	2.26810E-06	4.4642E-03
610469.43	4206064.03	27068.35338	0.00475	0.25826	2.23291E-06	4.7554E-03
610476.43	4206064.03	28874.14449	0.00507	0.25405	2.19652E-06	5.0724E-03
610483.43	4206064.03	30841.48432	0.00542	0.24969	2.15882E-06	5.4179E-03
610497.43	4206064.03	35346.29229	0.00621	0.24060	2.08023E-06	6.2088E-03
610504.43	4206064.03	37929.07491	0.00666	0.23587	2.03933E-06	6.6623E-03
610511.43	4206064.03	40779.04109	0.00716	0.23103	1.99748E-06	7.1627E-03
610518.43	4206064.03	43930.63862	0.00771	0.22608	1.95469E-06	7.7161E-03
610525.43	4206064.03	47424.26579	0.00833	0.22103	1.91102E-06	8.3295E-03
610532.43	4206064.03	51324.32135	0.00901	0.21589	1.86658E-06	9.0143E-03
610539.43	4206064.03	55694.23586	0.00978	0.21066	1.82137E-06	9.7816E-03
610546.43	4206064.03	60612.33292	0.01064	0.20536	1.77554E-06	1.0645E-02
610553.43	4206064.03	66198.46429	0.01162	0.20000	1.72920E-06	1.1626E-02
610560.43	4206064.03	72585.47362	0.01275	0.19459	1.68242E-06	1.2748E-02
610567.43	4206064.03	80015.1033	0.01405	0.18916	1.63548E-06	1.4052E-02
610574.43	4206064.03	88679.32517	0.01557	0.18369	1.58818E-06	1.5573E-02

610581.43	4206064.03	98940.96403	0.01737	0.17821	1.54080E-06	1.7375E-02
610588.43	4206064.03	111241.2647	0.01953	0.17272	1.49334E-06	1.9535E-02
610595.43	4206064.03	126244.5114	0.02217	0.16725	1.44604E-06	2.2170E-02
610602.43	4206064.03	144686.7943	0.02541	0.16179	1.39884E-06	2.5408E-02
610609.43	4206064.03	166730.1393	0.02928	0.15637	1.35197E-06	2.9279E-02
610777.43	4206064.03	203704.9216	0.03577	0.06308	5.45389E-07	3.5771E-02
610784.43	4206064.03	179810.5884	0.03157	0.06111	5.28357E-07	3.1575E-02
610791.43	4206064.03	153096.3852	0.02688	0.05927	5.12448E-07	2.6884E-02
610798.43	4206064.03	129641.446	0.02276	0.05753	4.97404E-07	2.2765E-02
610805.43	4206064.03	110507.7372	0.01940	0.05589	4.83225E-07	1.9405E-02
610812.43	4206064.03	95127.86323	0.01670	0.05434	4.69823E-07	1.6705E-02
610819.43	4206064.03	82728.14558	0.01453	0.05288	4.57200E-07	1.4527E-02
610833.43	4206064.03	64333.37535	0.01130	0.05017	4.33770E-07	1.1297E-02
610840.43	4206064.03	57426.00482	0.01008	0.04893	4.23049E-07	1.0084E-02
610847.43	4206064.03	51621.43456	0.00906	0.04774	4.12760E-07	9.0650E-03
610854.43	4206064.03	46695.19235	0.00820	0.04660	4.02903E-07	8.2000E-03
610861.43	4206064.03	42476.83581	0.00746	0.04552	3.93566E-07	7.4592E-03
610868.43	4206064.03	38834.8452	0.00682	0.04448	3.84574E-07	6.8197E-03
610875.43	4206064.03	35666.52334	0.00626	0.04349	3.76014E-07	6.2633E-03
610882.43	4206064.03	32891.54956	0.00578	0.04254	3.67801E-07	5.7761E-03
610889.43	4206064.03	30445.90156	0.00535	0.04162	3.59846E-07	5.3466E-03
610896.43	4206064.03	28277.79597	0.00497	0.04074	3.52238E-07	4.9659E-03
610903.43	4206064.03	26345.69204	0.00463	0.03989	3.44889E-07	4.6266E-03
610910.43	4206064.03	24615.43712	0.00432	0.03908	3.37885E-07	4.3228E-03
610917.43	4206064.03	23059.00269	0.00405	0.03829	3.31055E-07	4.0494E-03
610924.43	4206064.03	21653.00403	0.00380	0.03753	3.24484E-07	3.8025E-03
610931.43	4206064.03	20378.03851	0.00358	0.03680	3.18173E-07	3.5787E-03
610952.43	4206064.03	17187.77281	0.00302	0.03474	3.00362E-07	3.0184E-03
610959.43	4206064.03	16296.32674	0.00286	0.03410	2.94828E-07	2.8619E-03
610966.43	4206064.03	15475.29573	0.00272	0.03348	2.89468E-07	2.7177E-03
610973.43	4206064.03	14717.11478	0.00258	0.03288	2.84280E-07	2.5846E-03
610980.43	4206064.03	14015.37156	0.00246	0.03230	2.79266E-07	2.4613E-03
610987.43	4206064.03	13364.39483	0.00235	0.03174	2.74424E-07	2.3470E-03
610994.43	4206064.03	12759.21498	0.00224	0.03119	2.69669E-07	2.2408E-03
611001.43	4206064.03	12195.55783	0.00214	0.03067	2.65173E-07	2.1418E-03
611008.43	4206064.03	11669.49512	0.00205	0.03015	2.60677E-07	2.0494E-03
611015.43	4206064.03	11177.77104	0.00196	0.02966	2.56440E-07	1.9630E-03
611022.43	4206064.03	10717.34966	0.00188	0.02917	2.52204E-07	1.8822E-03
611029.43	4206064.03	10285.56595	0.00181	0.02870	2.48140E-07	1.8064E-03
611036.43	4206064.03	9880.05016	0.00173	0.02825	2.44249E-07	1.7352E-03
611043.43	4206064.03	9498.63289	0.00167	0.02781	2.40445E-07	1.6682E-03
611050.43	4206064.03	9139.43393	0.00160	0.02738	2.36727E-07	1.6051E-03
611057.43	4206064.03	8800.68883	0.00155	0.02696	2.33096E-07	1.5456E-03
611064.43	4206064.03	8480.78669	0.00149	0.02656	2.29638E-07	1.4894E-03
611071.43	4206064.03	8178.41581	0.00144	0.02616	2.26179E-07	1.4363E-03
611078.43	4206064.03	7892.24934	0.00139	0.02578	2.22894E-07	1.3861E-03
611085.43	4206064.03	7621.17624	0.00134	0.02541	2.19695E-07	1.3385E-03
611092.43	4206064.03	7364.10595	0.00129	0.02505	2.16582E-07	1.2933E-03
610294.43	4206071.03	7512.181	0.00132	0.33839	2.92572E-06	1.3220E-03
610301.43	4206071.03	7822.35738	0.00137	0.33679	2.91188E-06	1.3765E-03
610308.43	4206071.03	8150.98225	0.00143	0.33513	2.89753E-06	1.4342E-03
610315.43	4206071.03	8499.49808	0.00149	0.33339	2.88249E-06	1.4954E-03
610322.43	4206071.03	8868.79811	0.00156	0.33156	2.86667E-06	1.5602E-03
610329.43	4206071.03	9261.74636	0.00163	0.32967	2.85033E-06	1.6292E-03
610336.43	4206071.03	9679.50209	0.00170	0.32770	2.83329E-06	1.7025E-03
610343.43	4206071.03	10124.8522	0.00178	0.32567	2.81574E-06	1.7807E-03
610350.43	4206071.03	10600.7494	0.00186	0.32360	2.79784E-06	1.8643E-03
610357.43	4206071.03	11108.264	0.00195	0.32143	2.77908E-06	1.9534E-03
610364.43	4206071.03	11649.10307	0.00205	0.31915	2.75937E-06	2.0483E-03
610371.43	4206071.03	12227.87692	0.00215	0.31678	2.73888E-06	2.1499E-03
610378.43	4206071.03	12846.9483	0.00226	0.31430	2.71744E-06	2.2586E-03
610385.43	4206071.03	13509.71593	0.00237	0.31171	2.69504E-06	2.3750E-03
610392.43	4206071.03	14218.9497	0.00250	0.30898	2.67144E-06	2.4995E-03
610399.43	4206071.03	14981.02504	0.00263	0.30614	2.64688E-06	2.6333E-03
610406.43	4206071.03	15799.61386	0.00277	0.30318	2.62129E-06	2.7770E-03
610413.43	4206071.03	16679.80501	0.00293	0.30009	2.59458E-06	2.9315E-03
610420.43	4206071.03	17631.72191	0.00310	0.29691	2.56708E-06	3.0987E-03
610427.43	4206071.03	18659.40571	0.00328	0.29360	2.53846E-06	3.2791E-03
610434.43	4206071.03	19769.03644	0.00347	0.29014	2.50855E-06	3.4739E-03
610441.43	4206071.03	20966.95209	0.00368	0.28652	2.47725E-06	3.6842E-03
610448.43	4206071.03	22265.56413	0.00391	0.28277	2.44483E-06	3.9122E-03
610455.43	4206071.03	23671.54492	0.00416	0.27885	2.41094E-06	4.1591E-03
610462.43	4206071.03	25200.42802	0.00443	0.27479	2.37583E-06	4.4275E-03
610469.43	4206071.03	26863.73095	0.00472	0.27059	2.33952E-06	4.7196E-03
610476.43	4206071.03	28674.06793	0.00504	0.26623	2.30182E-06	5.0374E-03
610483.43	4206071.03	30653.86288	0.00538	0.26173	2.26292E-06	5.3850E-03
610497.43	4206071.03	35174.74379	0.00618	0.25226	2.18104E-06	6.1788E-03
610504.43	4206071.03	37773.31347	0.00663	0.24733	2.13841E-06	6.6350E-03
610511.43	4206071.03	40639.38612	0.00714	0.24228	2.09475E-06	7.1383E-03
610518.43	4206071.03	43810.92746	0.00769	0.23710	2.04997E-06	7.6952E-03
610525.43	4206071.03	47333.85741	0.00831	0.23181	2.00423E-06	8.3137E-03
610532.43	4206071.03	51263.90849	0.00900	0.22642	1.95763E-06	9.0038E-03
610539.43	4206071.03	55669.85792	0.00978	0.22093	1.91016E-06	9.7774E-03
610546.43	4206071.03	60637.23348	0.01065	0.21536	1.86200E-06	1.0650E-02
610553.43	4206071.03	66274.65372	0.01164	0.20971	1.81315E-06	1.1639E-02
610560.43	4206071.03	72721.2305	0.01277	0.20401	1.76387E-06	1.2771E-02
610567.43	4206071.03	80231.98017	0.01409	0.19827	1.71424E-06	1.4090E-02
610574.43	4206071.03	88991.11339	0.01563	0.19249	1.66427E-06	1.5628E-02
610581.43	4206071.03	99363.41581	0.01745	0.18670	1.61421E-06	1.7450E-02
610588.43	4206071.03	111791.633	0.01963	0.18089	1.56397E-06	1.9632E-02
610595.43	4206071.03	126942.2518	0.02229	0.17508	1.51374E-06	2.2292E-02
610602.43	4206071.03	145591.6861	0.02557	0.16930	1.46377E-06	2.5567E-02
610609.43	4206071.03	167825.9783	0.02947	0.16355	1.41405E-06	2.9471E-02
610777.43	4206071.03	220845.388	0.03878	0.06497	5.61730E-07	3.8781E-02
610784.43	4206071.03	195872.3085	0.03439	0.06293	5.44092E-07	3.4395E-02
610791.43	4206071.03	167960.2189	0.02949	0.06101	5.27492E-07	2.9494E-02
610798.43	4206071.03	143164.2474	0.02514	0.05920	5.11843E-07	2.5140E-02
610805.43	4206071.03	122648.5836	0.02154	0.05750	4.97145E-07	2.1537E-02
610812.43	4206071.03	105941.6559	0.01860	0.05590	4.83311E-07	1.8604E-02
610819.43	4206071.03	92322.24981	0.01621	0.05438	4.70169E-07	1.6212E-02
610840.43	4206071.03	64140.12861	0.01126	0.05029	4.34807E-07	1.1263E-02
610847.43	4206071.03	57611.87998	0.01012	0.04906	4.24173E-07	1.0117E-02
610854.43	4206071.03	52057.9412	0.00914	0.04788	4.13970E-07	9.1417E-03
610861.43	4206071.03	47294.81027	0.00830	0.04676	4.04287E-07	8.3053E-03
610868.43	4206071.03	43178.54305	0.00758	0.04569	3.95036E-07	7.5825E-03
610875.43	4206071.03	39596.33698	0.00695	0.04466	3.86130E-07	6.9534E-03
610882.43	4206071.03	36458.84621	0.00640	0.04367	3.77571E-07	6.4025E-03
610889.43	4206071.03	33694.51883	0.00592	0.04273	3.69443E-07	5.9171E-03
610896.43	4206071.03	31245.42636	0.00549	0.04182	3.61576E-07	5.4870E-03
610903.43	4206071.03	29064.47259	0.00510	0.04094	3.53967E-07	5.1040E-03
610910.43	4206071.03	27113.12211	0.00476	0.04010	3.46704E-07	4.7614E-03
610917.43	4206071.03	25359.47067	0.00445	0.03928	3.39615E-07	4.4534E-03
610924.43	4206071.03	23777.0581	0.00418	0.03850	3.32871E-07	4.1755E-03
610931.43	4206071.03	22343.69565	0.00392	0.03774	3.26300E-07	3.9238E-03
610952.43	4206071.03	18765.68714	0.00330	0.03562	3.07970E-07	3.2955E-03
610959.43	4206071.03	17768.46921	0.00312	0.03496	3.02264E-07	3.1204E-03
610966.43	4206071.03	16851.13618	0.00296	0.03432	2.96731E-07	2.9593E-03
610973.43	4206071.03	16005.17044	0.00281	0.03370	2.91370E-07	2.8108E-03
610980.43	4206071.03	15223.16209	0.00267	0.03310	2.86182E-07	2.6734E-03
610987.43	4206071.03	14498.58571	0.00255	0.03252	2.81168E-07	2.5462E-03
610994.43	4206071.03	13825.85787	0.00243	0.03196	2.76326E-07	2.4281E-03
611001.43	4206071.03	13200.01404	0.00232	0.03141	2.71571E-07	2.3182E-03
611008.43	4206071.03	12616.77106	0.00222	0.03089	2.67075E-07	2.2157E-03
611015.43	4206071.03	12072.17891	0.00212	0.03037	2.62579E-07	2.1201E-03
611022.43	4206071.03	11562.85639	0.00203	0.02988	2.58342E-07	2.0307E-03
611029.43	4206071.03	11085.7951	0.00195	0.02940	2.54192E-07	1.9469E-03
611036.43	4206071.03	10638.22022	0.00187	0.02893	2.50129E-07	1.8683E-03
611043.43	4206071.03	10217.6858	0.00179	0.02848	2.46238E-07	1.7944E-03
611050.43	4206071.03	9822.07369	0.00172	0.02803	2.42347E-07	1.7250E-03
611057.43	4206071.03	9449.43553	0.00166	0.02761	2.38716E-07	1.6595E-03
611064.43	4206071.03	9097.94648	0.00160	0.02719	2.35085E-07	1.5978E-03
611071.43	4206071.03	8766.01998	0.00154	0.02679	2.31626E-07	1.5395E-03
611078.43	4206071.03	8452.21866	0.00148	0.02639	2.28168E-07	1.4844E-03
611085.43	4206071.03	8155.22385	0.00143	0.02601	2.24882E-07	1.4323E-03
611092.43	4206071.03	7873.84021	0.00138	0.02564	2.21683E-07	1.3829E-03
610294.43	4206078.03	7405.63131	0.00130	0.35281	3.05039E-06	1.3035E-03
610301.43	4206078.03	7711.14945	0.00135	0.35122	3.03665E-06	1.3571E-03
610308.43	4206078.03	8034.99779	0.00141	0.34956	3.02229E-06	1.4140E-03
610315.43	4206078.03	8378.52151	0.00147	0.34782	3.00725E-06	1.4743E-03
610322.43	4206078.03	8743.26712	0.00154	0.34601	2.99160E-06	1.5383E-03
610329.43	4206078.03	9130.79538	0.00160	0.34412	2.97526E-06	1.6063E-03
610336.43	4206078.03	9543.07231	0.00168	0.34214	2.95814E-06	1.6787E-03
610343.43	4206078.03	9982.62811	0.00175	0.34010	2.94050E-06	1.7559E-03
610350.43	4206078.03	10451.13947	0.00184	0.33797	2.92209E-06	1.8381E-03
610357.43	4206078.03	10951.69814	0.00192	0.33577	2.90307E-06	1.9260E-03
610364.43	4206078.03	11486.22186	0.00202	0.33346	2.88309E-06	2.0198E-03
610371.43	4206078.03	12057.66924	0.00212	0.33105	2.86226E-06	2.1202E-03
610378.43	4206078.03	12669.07729	0.00222	0.32852	2.84038E-06	2.2275E-03
610385.43	4206078.03	13324.04397	0.00234	0.32587	2.81747E-06	2.3425E-03

610392.43	4206078.03	14027.45462	0.00246	0.32313	2.79378E-06	2.4660E-03
610399.43	4206078.03	14781.55826	0.00260	0.32023	2.76871E-06	2.5984E-03
610406.43	4206078.03	15592.09969	0.00274	0.31720	2.74251E-06	2.7407E-03
610413.43	4206078.03	16464.10699	0.00289	0.31403	2.71510E-06	2.8938E-03
610420.43	4206078.03	17410.70758	0.00306	0.31080	2.68718E-06	3.0600E-03
610427.43	4206078.03	18432.2182	0.00324	0.30742	2.65795E-06	3.2393E-03
610434.43	4206078.03	19537.56669	0.00343	0.30390	2.62752E-06	3.4334E-03
610441.43	4206078.03	20731.93126	0.00364	0.30020	2.59553E-06	3.6431E-03
610448.43	4206078.03	22026.1427	0.00387	0.29634	2.56215E-06	3.8703E-03
610455.43	4206078.03	23432.55294	0.00411	0.29233	2.52748E-06	4.1172E-03
610462.43	4206078.03	24959.47166	0.00438	0.28815	2.49134E-06	4.3853E-03
610469.43	4206078.03	26622.09989	0.00467	0.28380	2.45373E-06	4.6772E-03
610476.43	4206078.03	28438.73788	0.00499	0.27930	2.41483E-06	4.9962E-03
610483.43	4206078.03	30421.92971	0.00534	0.27463	2.37445E-06	5.3444E-03
610497.43	4206078.03	34956.29218	0.00614	0.26479	2.28937E-06	6.1405E-03
610504.43	4206078.03	37562.10727	0.00660	0.25965	2.24493E-06	6.5981E-03
610511.43	4206078.03	40438.22583	0.00710	0.25437	2.19928E-06	7.1031E-03
610518.43	4206078.03	43623.00728	0.00766	0.24896	2.15251E-06	7.6623E-03
610525.43	4206078.03	47168.20164	0.00828	0.24342	2.10461E-06	8.2847E-03
610532.43	4206078.03	51119.96446	0.00898	0.23777	2.05576E-06	8.9786E-03
610539.43	4206078.03	55552.44425	0.00975	0.23200	2.00587E-06	9.7569E-03
610546.43	4206078.03	60551.76615	0.01063	0.22614	1.95521E-06	1.0635E-02
610553.43	4206078.03	66234.81245	0.01163	0.22019	1.90376E-06	1.1633E-02
610560.43	4206078.03	72726.45251	0.01277	0.21416	1.85163E-06	1.2772E-02
610567.43	4206078.03	80301.04734	0.01410	0.20811	1.79932E-06	1.4102E-02
610574.43	4206078.03	89134.57187	0.01565	0.20199	1.74640E-06	1.5654E-02
610581.43	4206078.03	99593.34672	0.01749	0.19585	1.69332E-06	1.7490E-02
610588.43	4206078.03	112139.2769	0.01969	0.18970	1.64015E-06	1.9693E-02
610595.43	4206078.03	127384.2732	0.02237	0.18354	1.58689E-06	2.2370E-02
610602.43	4206078.03	146166.2482	0.02567	0.17740	1.53380E-06	2.5668E-02
610609.43	4206078.03	168574.8868	0.02960	0.17128	1.48089E-06	2.9603E-02
610777.43	4206078.03	235102.2246	0.04128	0.06697	5.79022E-07	4.1284E-02
610784.43	4206078.03	209462.2224	0.03678	0.06484	5.60606E-07	3.6782E-02
610791.43	4206078.03	180813.609	0.03175	0.06285	5.43401E-07	3.1751E-02
610798.43	4206078.03	155153.8065	0.02724	0.06098	5.27233E-07	2.7245E-02
610805.43	4206078.03	133683.9342	0.02347	0.05921	5.11929E-07	2.3475E-02
610812.43	4206078.03	115994.845	0.02037	0.05755	4.97577E-07	2.0369E-02
610819.43	4206078.03	101420.1005	0.01781	0.05597	4.83916E-07	1.7810E-02
610833.43	4206078.03	79263.74825	0.01392	0.05307	4.58843E-07	1.3919E-02
610840.43	4206078.03	70785.82387	0.01243	0.05173	4.47257E-07	1.2430E-02
610847.43	4206078.03	63600.45432	0.01117	0.05045	4.36190E-07	1.1169E-02
610854.43	4206078.03	57464.02371	0.01009	0.04924	4.25729E-07	1.0091E-02
610861.43	4206078.03	52185.24351	0.00916	0.04807	4.15613E-07	9.1640E-03
610868.43	4206078.03	47613.29406	0.00836	0.04696	4.06016E-07	8.3612E-03
610875.43	4206078.03	43628.25522	0.00766	0.04589	3.96765E-07	7.6614E-03
610882.43	4206078.03	40133.83504	0.00705	0.04487	3.87946E-07	7.0478E-03
610889.43	4206078.03	37052.79595	0.00651	0.04389	3.79473E-07	6.5068E-03
610896.43	4206078.03	34322.06455	0.00603	0.04295	3.71345E-07	6.0272E-03
610903.43	4206078.03	31889.98377	0.00560	0.04204	3.63478E-07	5.6002E-03
610910.43	4206078.03	29714.19126	0.00522	0.04117	3.55956E-07	5.2181E-03
610917.43	4206078.03	27759.37991	0.00487	0.04032	3.48607E-07	4.8748E-03
610924.43	4206078.03	25996.15196	0.00456	0.03951	3.41603E-07	4.5652E-03
610931.43	4206078.03	24399.94887	0.00428	0.03873	3.34859E-07	4.2849E-03
610952.43	4206078.03	20420.58835	0.00359	0.03654	3.15925E-07	3.5861E-03
610959.43	4206078.03	19313.38526	0.00339	0.03585	3.09959E-07	3.3917E-03
610966.43	4206078.03	18295.70661	0.00321	0.03519	3.04253E-07	3.2130E-03
610973.43	4206078.03	17358.09164	0.00305	0.03456	2.98806E-07	3.0483E-03
610980.43	4206078.03	16492.11778	0.00290	0.03394	2.93445E-07	2.8963E-03
610987.43	4206078.03	15690.51652	0.00276	0.03334	2.88257E-07	2.7555E-03
610994.43	4206078.03	14947.00542	0.00262	0.03276	2.83243E-07	2.6249E-03
611001.43	4206078.03	14256.00328	0.00250	0.03220	2.78401E-07	2.5036E-03
611008.43	4206078.03	13612.58578	0.00239	0.03166	2.73732E-07	2.3906E-03
611015.43	4206078.03	13012.46943	0.00228	0.03113	2.69150E-07	2.2852E-03
611022.43	4206078.03	12451.70126	0.00219	0.03062	2.64740E-07	2.1868E-03
611029.43	4206078.03	11926.94011	0.00209	0.03013	2.60504E-07	2.0946E-03
611036.43	4206078.03	11435.10509	0.00201	0.02964	2.56267E-07	2.0082E-03
611043.43	4206078.03	10973.455	0.00193	0.02918	2.52290E-07	1.9272E-03
611050.43	4206078.03	10539.51955	0.00185	0.02872	2.48313E-07	1.8510E-03
611057.43	4206078.03	10131.13441	0.00178	0.02828	2.44509E-07	1.7792E-03
611064.43	4206078.03	9746.32988	0.00171	0.02786	2.40877E-07	1.7117E-03
611071.43	4206078.03	9383.24983	0.00165	0.02744	2.37246E-07	1.6479E-03
611078.43	4206078.03	9040.25592	0.00159	0.02703	2.33701E-07	1.5877E-03
611085.43	4206078.03	8715.91253	0.00153	0.02664	2.30329E-07	1.5307E-03
611092.43	4206078.03	8408.87442	0.00148	0.02626	2.27044E-07	1.4768E-03
610294.43	4206085.03	7296.84697	0.00128	0.36821	3.18354E-06	1.2845E-03
610301.43	4206085.03	7597.54604	0.00133	0.36663	3.16988E-06	1.3373E-03
610308.43	4206085.03	7916.28129	0.00139	0.36497	3.15553E-06	1.3932E-03
610315.43	4206085.03	8254.47309	0.00145	0.36324	3.14057E-06	1.4526E-03
610322.43	4206085.03	8613.63018	0.00151	0.36143	3.12492E-06	1.5157E-03
610329.43	4206085.03	8994.80614	0.00158	0.35950	3.10824E-06	1.5826E-03
610336.43	4206085.03	9400.92227	0.00165	0.35752	3.09112E-06	1.6539E-03
610343.43	4206085.03	9834.27804	0.00173	0.35547	3.07339E-06	1.7300E-03
610350.43	4206085.03	10296.18306	0.00181	0.35333	3.05489E-06	1.8110E-03
610357.43	4206085.03	10789.18495	0.00189	0.35109	3.03552E-06	1.8976E-03
610364.43	4206085.03	11316.66199	0.00199	0.34877	3.01546E-06	1.9902E-03
610371.43	4206085.03	11879.95671	0.00209	0.34631	2.99419E-06	2.0891E-03
610378.43	4206085.03	12482.93649	0.00219	0.34373	2.97189E-06	2.1949E-03
610385.43	4206085.03	13129.10671	0.00231	0.34103	2.94854E-06	2.3084E-03
610392.43	4206085.03	13823.61698	0.00243	0.33822	2.92425E-06	2.4303E-03
610399.43	4206085.03	14568.36943	0.00256	0.33526	2.89866E-06	2.5611E-03
610406.43	4206085.03	15370.56864	0.00270	0.33218	2.87203E-06	2.7019E-03
610413.43	4206085.03	16233.0541	0.00285	0.32893	2.84393E-06	2.8533E-03
610420.43	4206085.03	17172.67434	0.00302	0.32567	2.81574E-06	3.0183E-03
610427.43	4206085.03	18187.51566	0.00319	0.32224	2.78609E-06	3.1965E-03
610434.43	4206085.03	19285.16097	0.00339	0.31863	2.75487E-06	3.3892E-03
610441.43	4206085.03	20473.87558	0.00360	0.31485	2.72219E-06	3.5979E-03
610448.43	4206085.03	21763.14211	0.00382	0.31090	2.68804E-06	3.8242E-03
610455.43	4206085.03	23163.66231	0.00407	0.30677	2.65233E-06	4.0701E-03
610462.43	4206085.03	24687.73925	0.00434	0.30247	2.61515E-06	4.3377E-03
610469.43	4206085.03	26349.12754	0.00463	0.29798	2.57633E-06	4.6294E-03
610476.43	4206085.03	28163.61325	0.00495	0.29332	2.53604E-06	4.9480E-03
610483.43	4206085.03	30149.22824	0.00529	0.28849	2.49428E-06	5.2966E-03
610497.43	4206085.03	34684.85651	0.00609	0.27827	2.40592E-06	6.0930E-03
610504.43	4206085.03	37296.41824	0.00655	0.27291	2.35958E-06	6.5515E-03
610511.43	4206085.03	40176.91451	0.00705	0.26740	2.31194E-06	7.0573E-03
610518.43	4206085.03	43373.59347	0.00762	0.26174	2.26300E-06	7.6186E-03
610525.43	4206085.03	46924.18554	0.00824	0.25594	2.21286E-06	8.2420E-03
610532.43	4206085.03	50895.45604	0.00894	0.25001	2.16159E-06	8.9393E-03
610539.43	4206085.03	55345.95798	0.00972	0.24395	2.10919E-06	9.7207E-03
610546.43	4206085.03	60374.66283	0.01060	0.23778	2.05584E-06	1.0604E-02
610553.43	4206085.03	66077.21806	0.01160	0.23150	2.00155E-06	1.1605E-02
610560.43	4206085.03	72609.33358	0.01275	0.22514	1.94656E-06	1.2752E-02
610567.43	4206085.03	80233.63178	0.01409	0.21873	1.89114E-06	1.4091E-02
610574.43	4206085.03	89137.68012	0.01565	0.21227	1.83529E-06	1.5654E-02
610581.43	4206085.03	99650.48917	0.01750	0.20576	1.77900E-06	1.7500E-02
610588.43	4206085.03	112272.9627	0.01971	0.19922	1.72246E-06	1.9717E-02
610595.43	4206085.03	127606.45	0.02241	0.19268	1.66591E-06	2.2409E-02
610602.43	4206085.03	146489.3363	0.02572	0.18614	1.60937E-06	2.5725E-02
610609.43	4206085.03	169029.7907	0.02968	0.17964	1.55317E-06	2.9683E-02
610777.43	4206085.03	247030.6999	0.04338	0.06908	5.97265E-07	4.3379E-02
610784.43	4206085.03	220951.2036	0.03880	0.06687	5.78158E-07	3.8799E-02
610791.43	4206085.03	191866.3241	0.03369	0.06480	5.60260E-07	3.3692E-02
610798.43	4206085.03	165676.9743	0.02909	0.06285	5.43401E-07	2.9093E-02
610805.43	4206085.03	143575.6194	0.02521	0.06101	5.27492E-07	2.5212E-02
610812.43	4206085.03	125187.6539	0.02198	0.05928	5.12535E-07	2.1983E-02
610819.43	4206085.03	109890.9103	0.01930	0.05765	4.98442E-07	1.9297E-02
610833.43	4206085.03	86350.16625	0.01516	0.05464	4.72417E-07	1.5163E-02
610840.43	4206085.03	77245.16082	0.01356	0.05325	4.60399E-07	1.3565E-02
610847.43	4206085.03	69483.00753	0.01220	0.05192	4.48900E-07	1.2202E-02
610854.43	4206085.03	62822.6954	0.01103	0.05066	4.38006E-07	1.1032E-02
610861.43	4206085.03	57070.80518	0.01002	0.04945	4.27544E-07	1.0022E-02
610868.43	4206085.03	52073.50003	0.00914	0.04830	4.17602E-07	9.1444E-03
610875.43	4206085.03	47706.31725	0.00838	0.04719	4.08005E-07	8.3775E-03
610882.43	4206085.03	43869.3658	0.00770	0.04613	3.98840E-07	7.7038E-03
610889.43	4206085.03	40480.84107	0.00711	0.04512	3.90107E-07	7.1087E-03
610896.43	4206085.03	37473.97798	0.00658	0.04414	3.81634E-07	6.5807E-03
610903.43	4206085.03	34793.59994	0.00611	0.04320	3.73507E-07	6.1101E-03
610910.43	4206085.03	32394.37777	0.00569	0.04229	3.65639E-07	5.6887E-03
610917.43	4206085.03	30237.90311	0.00531	0.04142	3.58117E-07	5.3101E-03
610924.43	4206085.03	28292.59303	0.00497	0.04058	3.50854E-07	4.9685E-03
610931.43	4206085.03	26531.53568	0.00466	0.03977	3.43851E-07	4.6592E-03
610952.43	4206085.03	22142.90509	0.00389	0.03750	3.24225E-07	3.8886E-03
610959.43	4206085.03	20922.73099	0.00367	0.03680	3.18173E-07	3.6743E-03
610966.43	4206085.03	19801.75647	0.00348	0.03612	3.12293E-07	3.4775E-03
610973.43	4206085.03	18769.54292	0.00330	0.03546	3.06587E-07	3.2962E-03
610980.43	4206085.03	17816.80981	0.00313	0.03482	3.01054E-07	3.1289E-03
610987.43	4206085.03	16935.53372	0.00297	0.03421	2.95779E-07	2.9741E-03
610994.43	4206085.03	16118.58853	0.00283	0.03361	2.90592E-07	2.8307E-03
611001.43	4206085.03	15359.89513	0.00270	0.03303	2.85577E-07	2.6974E-03

611008.43	4206085.03	14653.91102	0.00257	0.03247	2.80735E-07	2.5735E-03
611015.43	4206085.03	13995.88653	0.00246	0.03193	2.76067E-07	2.4579E-03
611022.43	4206085.03	13381.53964	0.00235	0.03140	2.71484E-07	2.3500E-03
611029.43	4206085.03	12807.02269	0.00225	0.03089	2.67075E-07	2.2492E-03
611036.43	4206085.03	12268.99224	0.00215	0.03040	2.62838E-07	2.1547E-03
611043.43	4206085.03	11764.28541	0.00207	0.02992	2.58688E-07	2.0660E-03
611050.43	4206085.03	11290.31831	0.00198	0.02945	2.54625E-07	1.9828E-03
611057.43	4206085.03	10844.57983	0.00190	0.02900	2.50734E-07	1.9045E-03
611064.43	4206085.03	10424.79035	0.00183	0.02856	2.46930E-07	1.8308E-03
611071.43	4206085.03	10029.01451	0.00176	0.02813	2.43212E-07	1.7613E-03
611078.43	4206085.03	9655.49398	0.00170	0.02771	2.39581E-07	1.6957E-03
611085.43	4206085.03	9302.51618	0.00163	0.02731	2.36122E-07	1.6337E-03
611092.43	4206085.03	8968.62261	0.00157	0.02691	2.32664E-07	1.5751E-03
610294.43	4206092.03	7185.69778	0.00126	0.38467	3.32585E-06	1.2651E-03
610301.43	4206092.03	7480.72662	0.00131	0.38306	3.31193E-06	1.3169E-03
610308.43	4206092.03	7794.04769	0.00137	0.38140	3.29758E-06	1.3719E-03
610315.43	4206092.03	8126.55227	0.00143	0.37968	3.28271E-06	1.4303E-03
610322.43	4206092.03	8479.74288	0.00149	0.37787	3.26706E-06	1.4923E-03
610329.43	4206092.03	8855.25834	0.00155	0.37597	3.25063E-06	1.5582E-03
610336.43	4206092.03	9254.94076	0.00163	0.37399	3.23352E-06	1.6284E-03
610343.43	4206092.03	9680.7239	0.00170	0.37191	3.21553E-06	1.7031E-03
610350.43	4206092.03	10135.56588	0.00178	0.36976	3.19694E-06	1.7830E-03
610357.43	4206092.03	10620.34341	0.00186	0.36747	3.17714E-06	1.8681E-03
610364.43	4206092.03	11139.20935	0.00196	0.36511	3.15674E-06	1.9592E-03
610371.43	4206092.03	11693.47339	0.00205	0.36259	3.13495E-06	2.0565E-03
610378.43	4206092.03	12288.03272	0.00216	0.35999	3.11247E-06	2.1609E-03
610385.43	4206092.03	12924.54573	0.00227	0.35723	3.08861E-06	2.2726E-03
610392.43	4206092.03	13608.81847	0.00239	0.35437	3.06388E-06	2.3927E-03
610399.43	4206092.03	14344.32491	0.00252	0.35136	3.03786E-06	2.5219E-03
610406.43	4206092.03	15134.52619	0.00266	0.34819	3.01045E-06	2.6606E-03
610413.43	4206092.03	15987.04519	0.00281	0.34490	2.98200E-06	2.8103E-03
610420.43	4206092.03	16918.20247	0.00297	0.34160	2.95347E-06	2.9738E-03
610427.43	4206092.03	17923.19855	0.00315	0.33810	2.92321E-06	3.1502E-03
610434.43	4206092.03	19012.52786	0.00334	0.33443	2.89148E-06	3.3414E-03
610441.43	4206092.03	20193.42831	0.00355	0.33057	2.85811E-06	3.5488E-03
610448.43	4206092.03	21475.41583	0.00377	0.32653	2.82318E-06	3.7739E-03
610455.43	4206092.03	22869.59352	0.00402	0.32229	2.78652E-06	4.0186E-03
610462.43	4206092.03	24386.04745	0.00428	0.31785	2.74813E-06	4.2849E-03
610469.43	4206092.03	26043.21704	0.00457	0.31323	2.70819E-06	4.5758E-03
610476.43	4206092.03	27854.97365	0.00489	0.30841	2.66651E-06	4.8939E-03
610483.43	4206092.03	29839.8311	0.00524	0.30341	2.62328E-06	5.2424E-03
610497.43	4206092.03	34368.65886	0.00604	0.29279	2.53146E-06	6.0376E-03
610504.43	4206092.03	36977.48673	0.00649	0.28721	2.48322E-06	6.4956E-03
610511.43	4206092.03	39857.08186	0.00700	0.28146	2.43350E-06	7.0012E-03
610518.43	4206092.03	43055.0796	0.00756	0.27554	2.38232E-06	7.5628E-03
610525.43	4206092.03	46614.62028	0.00819	0.26947	2.32984E-06	8.1878E-03
610532.43	4206092.03	50592.86536	0.00888	0.26324	2.27597E-06	8.8863E-03
610539.43	4206092.03	55053.35824	0.00967	0.25687	2.22090E-06	9.6695E-03
610546.43	4206092.03	60095.62096	0.01055	0.25037	2.16470E-06	1.0555E-02
610553.43	4206092.03	65823.48546	0.01156	0.24375	2.10746E-06	1.1561E-02
610560.43	4206092.03	72387.09859	0.01271	0.23703	2.04936E-06	1.2713E-02
610567.43	4206092.03	80038.88889	0.01405	0.23025	1.99074E-06	1.4057E-02
610574.43	4206092.03	88987.04014	0.01563	0.22339	1.93143E-06	1.5628E-02
610581.43	4206092.03	99551.15928	0.01748	0.21648	1.87169E-06	1.7483E-02
610588.43	4206092.03	112232.9006	0.01971	0.20954	1.81168E-06	1.9710E-02
610595.43	4206092.03	127635.3157	0.02241	0.20258	1.75151E-06	2.2414E-02
610602.43	4206092.03	146596.8138	0.02574	0.19562	1.69133E-06	2.5744E-02
610609.43	4206092.03	169277.2197	0.02972	0.18869	1.63141E-06	2.9726E-02
610770.43	4206092.03	272681.14	0.04788	0.07378	6.37902E-07	4.7883E-02
610777.43	4206092.03	257040.0031	0.04514	0.07132	6.16632E-07	4.5136E-02
610784.43	4206092.03	230667.2679	0.04050	0.06902	5.96747E-07	4.0505E-02
610791.43	4206092.03	201344.7868	0.03536	0.06686	5.78071E-07	3.5356E-02
610798.43	4206092.03	174855.1479	0.03070	0.06483	5.60520E-07	3.0705E-02
610805.43	4206092.03	152354.6462	0.02675	0.06292	5.44006E-07	2.6754E-02
610812.43	4206092.03	133492.5562	0.02344	0.06112	5.28443E-07	2.3442E-02
610819.43	4206092.03	117673.3489	0.02066	0.05943	5.13831E-07	2.0664E-02
610833.43	4206092.03	93053.13399	0.01634	0.05630	4.86770E-07	1.6340E-02
610840.43	4206092.03	83428.76979	0.01465	0.05485	4.74233E-07	1.4650E-02
610847.43	4206092.03	75175.49497	0.01320	0.05348	4.62388E-07	1.3201E-02
610854.43	4206092.03	68057.38538	0.01195	0.05216	4.50975E-07	1.1951E-02
610861.43	4206092.03	61883.22891	0.01087	0.05091	4.40168E-07	1.0867E-02
610868.43	4206092.03	56498.5648	0.00992	0.04971	4.29792E-07	9.9215E-03
610875.43	4206092.03	51777.92357	0.00909	0.04857	4.19936E-07	9.0925E-03
610882.43	4206092.03	47619.51232	0.00836	0.04747	4.10425E-07	8.3623E-03
610889.43	4206092.03	43938.79461	0.00772	0.04641	4.01261E-07	7.7160E-03
610896.43	4206092.03	40666.84618	0.00714	0.04540	3.92528E-07	7.1414E-03
610903.43	4206092.03	37745.95739	0.00663	0.04442	3.84055E-07	6.6285E-03
610910.43	4206092.03	35128.18608	0.00617	0.04348	3.75928E-07	6.1688E-03
610917.43	4206092.03	32773.29613	0.00575	0.04258	3.68146E-07	5.7553E-03
610924.43	4206092.03	30647.51544	0.00538	0.04171	3.60624E-07	5.3820E-03
610931.43	4206092.03	28722.06135	0.00504	0.04087	3.53362E-07	5.0439E-03
610952.43	4206092.03	23921.79456	0.00420	0.03853	3.33130E-07	4.2009E-03
610959.43	4206092.03	22587.10922	0.00397	0.03780	3.26819E-07	3.9666E-03
610966.43	4206092.03	21361.1707	0.00375	0.03709	3.20680E-07	3.7513E-03
610973.43	4206092.03	20232.50632	0.00355	0.03641	3.14801E-07	3.5531E-03
610980.43	4206092.03	19191.08038	0.00337	0.03576	3.09181E-07	3.3702E-03
610987.43	4206092.03	18228.04385	0.00320	0.03512	3.03647E-07	3.2011E-03
610994.43	4206092.03	17335.74417	0.00304	0.03450	2.98287E-07	3.0444E-03
611001.43	4206092.03	16507.39949	0.00290	0.03391	2.93186E-07	2.8990E-03
611008.43	4206092.03	15736.98283	0.00276	0.03333	2.88171E-07	2.7637E-03
611015.43	4206092.03	15019.23842	0.00264	0.03277	2.83329E-07	2.6376E-03
611022.43	4206092.03	14349.44208	0.00252	0.03223	2.78660E-07	2.5200E-03
611029.43	4206092.03	13723.47597	0.00241	0.03170	2.74078E-07	2.4101E-03
611036.43	4206092.03	13137.53129	0.00231	0.03119	2.69669E-07	2.3072E-03
611043.43	4206092.03	12588.28119	0.00221	0.03070	2.65432E-07	2.2107E-03
611050.43	4206092.03	12072.67377	0.00212	0.03022	2.61282E-07	2.1202E-03
611057.43	4206092.03	11588.08953	0.00203	0.02975	2.57218E-07	2.0351E-03
611064.43	4206092.03	11132.02447	0.00195	0.02930	2.53328E-07	1.9550E-03
611071.43	4206092.03	10702.27008	0.00188	0.02885	2.49437E-07	1.8795E-03
611078.43	4206092.03	10296.88779	0.00181	0.02843	2.45806E-07	1.8084E-03
611085.43	4206092.03	9914.0901	0.00174	0.02801	2.42174E-07	1.7411E-03
611092.43	4206092.03	9552.15179	0.00168	0.02760	2.38629E-07	1.6776E-03
610294.43	4206099.03	7070.84438	0.00124	0.40217	3.47716E-06	1.2451E-03
610301.43	4206099.03	7360.87732	0.00129	0.40060	3.46359E-06	1.2960E-03
610308.43	4206099.03	7668.46827	0.00135	0.39895	3.44932E-06	1.3500E-03
610315.43	4206099.03	7994.92756	0.00140	0.39723	3.43445E-06	1.4073E-03
610322.43	4206099.03	8341.7985	0.00146	0.39543	3.41889E-06	1.4682E-03
610329.43	4206099.03	8710.6808	0.00153	0.39353	3.40246E-06	1.5330E-03
610336.43	4206099.03	9103.36365	0.00160	0.39155	3.38534E-06	1.6019E-03
610343.43	4206099.03	9521.77148	0.00167	0.38946	3.36727E-06	1.6754E-03
610350.43	4206099.03	9968.12405	0.00175	0.38727	3.34833E-06	1.7537E-03
610357.43	4206099.03	10444.76341	0.00183	0.38498	3.32854E-06	1.8374E-03
610364.43	4206099.03	10954.34115	0.00192	0.38257	3.30770E-06	1.9269E-03
610371.43	4206099.03	11499.6782	0.00202	0.38004	3.28582E-06	2.0226E-03
610378.43	4206099.03	12083.97535	0.00212	0.37738	3.26283E-06	2.1252E-03
610385.43	4206099.03	12710.78714	0.00223	0.37460	3.23879E-06	2.2352E-03
610392.43	4206099.03	13383.96042	0.00235	0.37167	3.21346E-06	2.3534E-03
610399.43	4206099.03	14107.70473	0.00248	0.36860	3.18691E-06	2.4805E-03
610406.43	4206099.03	14887.01643	0.00261	0.36539	3.15916E-06	2.6173E-03
610413.43	4206099.03	15727.04771	0.00276	0.36202	3.13002E-06	2.7648E-03
610420.43	4206099.03	16646.5743	0.00292	0.35867	3.10106E-06	2.9262E-03
610427.43	4206099.03	17642.82895	0.00310	0.35514	3.07054E-06	3.1011E-03
610434.43	4206099.03	18722.22778	0.00329	0.35141	3.03829E-06	3.2906E-03
610441.43	4206099.03	19891.48316	0.00349	0.34746	3.00414E-06	3.4959E-03
610448.43	4206099.03	21164.00815	0.00372	0.34333	2.96843E-06	3.7193E-03
610455.43	4206099.03	22547.10623	0.00396	0.33897	2.93073E-06	3.9622E-03
610462.43	4206099.03	24057.54564	0.00422	0.33442	2.89139E-06	4.2273E-03
610469.43	4206099.03	25705.1509	0.00451	0.32964	2.85007E-06	4.5166E-03
610476.43	4206099.03	27508.12997	0.00483	0.32467	2.80710E-06	4.8332E-03
610483.43	4206099.03	29488.50321	0.00518	0.31949	2.76231E-06	5.1809E-03
610497.43	4206099.03	34001.72707	0.00597	0.30847	2.66703E-06	5.9733E-03
610504.43	4206099.03	36602.6328	0.00643	0.30266	2.61680E-06	6.4300E-03
610511.43	4206099.03	39479.98486	0.00693	0.29666	2.56492E-06	6.9352E-03
610518.43	4206099.03	42673.58625	0.00749	0.29047	2.51140E-06	7.4959E-03
610525.43	4206099.03	46230.67625	0.00812	0.28411	2.45641E-06	8.1205E-03
610532.43	4206099.03	50208.82055	0.00882	0.27757	2.39987E-06	8.8190E-03
610539.43	4206099.03	54684.77995	0.00960	0.27088	2.34203E-06	9.6049E-03
610546.43	4206099.03	59733.38821	0.01049	0.26403	2.28280E-06	1.0491E-02
610553.43	4206099.03	65470.46392	0.01150	0.25704	2.22237E-06	1.1499E-02
610560.43	4206099.03	72046.02325	0.01265	0.24993	2.16089E-06	1.2653E-02
610567.43	4206099.03	79724.63287	0.01400	0.24275	2.09882E-06	1.4002E-02
610574.43	4206099.03	88704.69529	0.01558	0.23548	2.03596E-06	1.5578E-02
610581.43	4206099.03	99307.47724	0.01744	0.22813	1.97241E-06	1.7440E-02
610588.43	4206099.03	112034.1044	0.01967	0.22074	1.90852E-06	1.9675E-02
610595.43	4206099.03	127514.2772	0.02239	0.21333	1.84445E-06	2.2393E-02
610602.43	4206099.03	146508.659	0.02573	0.20591	1.78030E-06	2.5728E-02
610609.43	4206099.03	169279.1423	0.02973	0.19851	1.71632E-06	2.9727E-02
610616.43	4206099.03	192811.6401	0.03386	0.19115	1.65268E-06	3.3859E-02
610770.43	4206099.03	281171.0705	0.04937	0.07627	6.59430E-07	4.9374E-02

610777.43	4206099.03	265434.2014	0.04661	0.07370	6.37210E-07	4.6610E-02
610784.43	4206099.03	238897.5855	0.04195	0.07129	6.16373E-07	4.1951E-02
610791.43	4206099.03	209463.7266	0.03678	0.06904	5.96920E-07	3.6782E-02
610798.43	4206099.03	182825.672	0.03210	0.06693	5.78676E-07	3.2104E-02
610805.43	4206099.03	160097.9985	0.02811	0.06494	5.61471E-07	2.8113E-02
610812.43	4206099.03	140930.7899	0.02475	0.06307	5.45303E-07	2.4748E-02
610819.43	4206099.03	124749.229	0.02191	0.06131	5.30086E-07	2.1906E-02
610833.43	4206099.03	99314.7062	0.01744	0.05805	5.01900E-07	1.7440E-02
610840.43	4206099.03	89274.06032	0.01568	0.05655	4.88931E-07	1.5677E-02
610847.43	4206099.03	80614.28409	0.01416	0.05512	4.76567E-07	1.4156E-02
610854.43	4206099.03	73106.61975	0.01284	0.05375	4.64722E-07	1.2838E-02
610861.43	4206099.03	66564.51218	0.01169	0.05245	4.53482E-07	1.1689E-02
610868.43	4206099.03	60835.66345	0.01068	0.05121	4.42761E-07	1.0683E-02
610875.43	4206099.03	55795.65353	0.00980	0.05002	4.32473E-07	9.7980E-03
610882.43	4206099.03	51341.75003	0.00902	0.04887	4.22530E-07	9.0159E-03
610889.43	4206099.03	47389.29492	0.00832	0.04778	4.13106E-07	8.3219E-03
610896.43	4206099.03	43867.62454	0.00770	0.04672	4.03941E-07	7.7035E-03
610903.43	4206099.03	40717.71904	0.00715	0.04571	3.95208E-07	7.1503E-03
610910.43	4206099.03	37890.19139	0.00665	0.04474	3.86822E-07	6.6538E-03
610917.43	4206099.03	35343.11393	0.00621	0.04380	3.78695E-07	6.2066E-03
610924.43	4206099.03	33041.27443	0.00580	0.04290	3.70913E-07	5.8023E-03
610931.43	4206099.03	30954.49111	0.00544	0.04203	3.63391E-07	5.4359E-03
610952.43	4206099.03	25745.81317	0.00452	0.03961	3.42468E-07	4.5213E-03
610959.43	4206099.03	24296.50355	0.00427	0.03885	3.35897E-07	4.2667E-03
610966.43	4206099.03	22965.04796	0.00403	0.03813	3.29672E-07	4.0329E-03
610973.43	4206099.03	21739.13232	0.00382	0.03742	3.23533E-07	3.8177E-03
610980.43	4206099.03	20607.95786	0.00362	0.03674	3.17654E-07	3.6190E-03
610987.43	4206099.03	19562.05245	0.00344	0.03609	3.12034E-07	3.4354E-03
610994.43	4206099.03	18593.11852	0.00326	0.03545	3.06501E-07	3.2652E-03
611001.43	4206099.03	17693.75886	0.00311	0.03484	3.01226E-07	3.1073E-03
611008.43	4206099.03	16857.52332	0.00296	0.03424	2.96039E-07	2.9604E-03
611015.43	4206099.03	16078.68024	0.00282	0.03366	2.91024E-07	2.8237E-03
611022.43	4206099.03	15352.07059	0.00270	0.03310	2.86182E-07	2.6961E-03
611029.43	4206099.03	14673.23901	0.00258	0.03256	2.81514E-07	2.5769E-03
611036.43	4206099.03	14038.10828	0.00247	0.03203	2.76931E-07	2.4653E-03
611043.43	4206099.03	13442.89099	0.00236	0.03152	2.72522E-07	2.3608E-03
611050.43	4206099.03	12884.48762	0.00226	0.03103	2.68285E-07	2.2628E-03
611057.43	4206099.03	12359.81568	0.00217	0.03054	2.64049E-07	2.1706E-03
611064.43	4206099.03	11866.24685	0.00208	0.03008	2.60072E-07	2.0839E-03
611071.43	4206099.03	11401.4039	0.00200	0.02962	2.56094E-07	2.0023E-03
611078.43	4206099.03	10963.04755	0.00193	0.02918	2.52290E-07	1.9253E-03
610294.43	4206106.03	6951.56186	0.00122	0.42073	3.63763E-06	1.2243E-03
610301.43	4206106.03	7235.79333	0.00127	0.41918	3.62423E-06	1.2742E-03
610308.43	4206106.03	7537.21834	0.00132	0.41754	3.61005E-06	1.3271E-03
610315.43	4206106.03	7857.1888	0.00138	0.41583	3.59526E-06	1.3833E-03
610322.43	4206106.03	8197.13421	0.00144	0.41403	3.57970E-06	1.4430E-03
610329.43	4206106.03	8558.77797	0.00150	0.41214	3.56336E-06	1.5065E-03
610336.43	4206106.03	8943.81279	0.00157	0.41016	3.54624E-06	1.5741E-03
610343.43	4206106.03	9354.19688	0.00164	0.40808	3.52826E-06	1.6461E-03
610350.43	4206106.03	9792.02835	0.00172	0.40589	3.50932E-06	1.7230E-03
610357.43	4206106.03	10259.80816	0.00180	0.40359	3.48944E-06	1.8051E-03
610364.43	4206106.03	10759.96733	0.00189	0.40117	3.46851E-06	1.8929E-03
610371.43	4206106.03	11295.46927	0.00198	0.39863	3.44655E-06	1.9869E-03
610378.43	4206106.03	11869.42744	0.00208	0.39595	3.42338E-06	2.0877E-03
610385.43	4206106.03	12485.42002	0.00219	0.39314	3.39909E-06	2.1958E-03
610392.43	4206106.03	13147.26634	0.00231	0.39019	3.37358E-06	2.3120E-03
610399.43	4206106.03	13859.37237	0.00243	0.38709	3.34678E-06	2.4370E-03
610406.43	4206106.03	14626.38444	0.00257	0.38383	3.31859E-06	2.5717E-03
610413.43	4206106.03	15453.74413	0.00271	0.38042	3.28911E-06	2.7169E-03
610420.43	4206106.03	16360.14513	0.00287	0.37701	3.25963E-06	2.8761E-03
610427.43	4206106.03	17341.32675	0.00305	0.37341	3.22850E-06	3.0483E-03
610434.43	4206106.03	18403.4246	0.00323	0.36958	3.19539E-06	3.2348E-03
610441.43	4206106.03	19558.16328	0.00343	0.36555	3.16054E-06	3.4375E-03
610448.43	4206106.03	20813.95322	0.00365	0.36131	3.12388E-06	3.6580E-03
610455.43	4206106.03	22181.85524	0.00390	0.35686	3.08541E-06	3.8982E-03
610462.43	4206106.03	23674.7679	0.00416	0.35218	3.04495E-06	4.1603E-03
610469.43	4206106.03	25306.89112	0.00444	0.34727	3.00249E-06	4.4468E-03
610476.43	4206106.03	27094.73572	0.00476	0.34214	2.95814E-06	4.7607E-03
610483.43	4206106.03	29057.19668	0.00510	0.33679	2.91188E-06	5.1053E-03
610497.43	4206106.03	33546.3346	0.00589	0.32537	2.81315E-06	5.8935E-03
610504.43	4206106.03	36139.1945	0.00635	0.31933	2.76093E-06	6.3487E-03
610511.43	4206106.03	39010.7112	0.00685	0.31308	2.70689E-06	6.8529E-03
610518.43	4206106.03	42195.80665	0.00741	0.30662	2.65104E-06	7.4121E-03
610525.43	4206106.03	45752.09574	0.00803	0.29996	2.59345E-06	8.0366E-03
610532.43	4206106.03	49732.66235	0.00873	0.29311	2.53423E-06	8.7355E-03
610539.43	4206106.03	54202.00064	0.00952	0.28607	2.47336E-06	9.5202E-03
610546.43	4206106.03	59260.69789	0.01041	0.27886	2.41102E-06	1.0408E-02
610553.43	4206106.03	65004.65426	0.01141	0.27148	2.34721E-06	1.1417E-02
610560.43	4206106.03	71600.57538	0.01257	0.26396	2.28220E-06	1.2575E-02
610567.43	4206106.03	79296.45129	0.01392	0.25635	2.21640E-06	1.3926E-02
610574.43	4206106.03	88285.28216	0.01550	0.24862	2.14957E-06	1.5505E-02
610581.43	4206106.03	98913.21967	0.01737	0.24081	2.08204E-06	1.7371E-02
610588.43	4206106.03	111649.8164	0.01961	0.23294	2.01400E-06	1.9607E-02
610595.43	4206106.03	127134.9458	0.02232	0.22502	1.94552E-06	2.2327E-02
610602.43	4206106.03	146149.0456	0.02566	0.21710	1.87705E-06	2.5665E-02
610609.43	4206106.03	168941.5615	0.02967	0.20918	1.80857E-06	2.9668E-02
610616.43	4206106.03	192592.6989	0.03382	0.20131	1.74053E-06	3.3821E-02
610620	4206104.63	203023.1298	0.03565	0.19527	1.68830E-06	3.5652E-02
610770.43	4206106.03	288288.4661	0.05062	0.07891	6.82255E-07	5.0623E-02
610777.43	4206106.03	272498.327	0.04785	0.07622	6.58998E-07	4.7851E-02
610784.43	4206106.03	245848.3599	0.04317	0.07371	6.37296E-07	4.3171E-02
610791.43	4206106.03	216410.6001	0.03800	0.07136	6.16978E-07	3.8002E-02
610798.43	4206106.03	189731.6937	0.03332	0.06916	5.97957E-07	3.3317E-02
610805.43	4206106.03	166896.8314	0.02931	0.06709	5.80060E-07	2.9307E-02
610812.43	4206106.03	147549.5978	0.02591	0.06514	5.63200E-07	2.5910E-02
610819.43	4206106.03	131130.7433	0.02303	0.06330	5.47291E-07	2.3027E-02
610833.43	4206106.03	105106.0513	0.01846	0.05992	5.18068E-07	1.8457E-02
610840.43	4206106.03	94741.79991	0.01664	0.05835	5.04494E-07	1.6637E-02
610847.43	4206106.03	85754.82365	0.01506	0.05686	4.91611E-07	1.5059E-02
610854.43	4206106.03	77924.22678	0.01368	0.05544	4.79334E-07	1.3684E-02
610861.43	4206106.03	71069.15079	0.01248	0.05409	4.67662E-07	1.2480E-02
610868.43	4206106.03	65041.32856	0.01142	0.05279	4.56422E-07	1.1422E-02
610875.43	4206106.03	59718.11285	0.01049	0.05155	4.45701E-07	1.0487E-02
610882.43	4206106.03	54998.5861	0.00966	0.05036	4.35412E-07	9.6581E-03
610889.43	4206106.03	50797.99098	0.00892	0.04922	4.25556E-07	8.9204E-03
610896.43	4206106.03	47045.42628	0.00826	0.04813	4.16132E-07	8.2615E-03
610903.43	4206106.03	43681.3207	0.00767	0.04708	4.07053E-07	7.6708E-03
610910.43	4206106.03	40655.54172	0.00714	0.04607	3.98321E-07	7.1394E-03
610917.43	4206106.03	37925.3336	0.00666	0.04510	3.89934E-07	6.6600E-03
610924.43	4206106.03	35454.33682	0.00623	0.04416	3.81807E-07	6.2261E-03
610931.43	4206106.03	33211.49928	0.00583	0.04326	3.74026E-07	5.8322E-03
610952.43	4206106.03	27603.00965	0.00485	0.04075	3.52324E-07	4.8474E-03
610959.43	4206106.03	26040.29008	0.00457	0.03997	3.45580E-07	4.5730E-03
610966.43	4206106.03	24603.87592	0.00432	0.03922	3.39096E-07	4.3207E-03
610973.43	4206106.03	23280.98742	0.00409	0.03849	3.32784E-07	4.0884E-03
610980.43	4206106.03	22060.02029	0.00387	0.03779	3.26732E-07	3.8740E-03
610987.43	4206106.03	20930.86915	0.00368	0.03711	3.20853E-07	3.6757E-03
610994.43	4206106.03	19884.68972	0.00349	0.03645	3.15147E-07	3.4920E-03
611001.43	4206106.03	18913.63546	0.00332	0.03582	3.09700E-07	3.3215E-03
611008.43	4206106.03	18010.76746	0.00316	0.03520	3.04339E-07	3.1630E-03
611015.43	4206106.03	17169.97966	0.00302	0.03460	2.99151E-07	3.0153E-03
611022.43	4206106.03	16385.6372	0.00288	0.03403	2.94223E-07	2.8776E-03
611029.43	4206106.03	15652.99563	0.00275	0.03347	2.89381E-07	2.7489E-03
611036.43	4206106.03	14967.57886	0.00263	0.03292	2.84626E-07	2.6286E-03
611043.43	4206106.03	14325.47423	0.00252	0.03239	2.80044E-07	2.5158E-03
611050.43	4206106.03	13723.16049	0.00241	0.03188	2.75634E-07	2.4100E-03
611057.43	4206106.03	13157.4919	0.00231	0.03138	2.71311E-07	2.3107E-03
611064.43	4206106.03	12625.43583	0.00222	0.03090	2.67161E-07	2.2173E-03
611071.43	4206106.03	12124.49966	0.00213	0.03043	2.63098E-07	2.1293E-03
610294.43	4206113.03	6830.62505	0.00120	0.44066	3.80994E-06	1.2033E-03
610301.43	4206113.03	7108.81441	0.00125	0.43911	3.79654E-06	1.2521E-03
610308.43	4206113.03	7403.78126	0.00130	0.43749	3.78254E-06	1.3039E-03
610315.43	4206113.03	7716.97957	0.00136	0.43579	3.76784E-06	1.3589E-03
610322.43	4206113.03	8049.80991	0.00141	0.43400	3.75236E-06	1.4173E-03
610329.43	4206113.03	8403.8239	0.00148	0.43212	3.73611E-06	1.4794E-03
610336.43	4206113.03	8780.84414	0.00154	0.43014	3.71899E-06	1.5456E-03
610343.43	4206113.03	9182.7275	0.00161	0.42807	3.70109E-06	1.6162E-03
610350.43	4206113.03	9611.67142	0.00169	0.42588	3.68216E-06	1.6915E-03
610357.43	4206113.03	10069.89608	0.00177	0.42358	3.66227E-06	1.7719E-03
610364.43	4206113.03	10560.13083	0.00185	0.42115	3.64126E-06	1.8580E-03
610371.43	4206113.03	11085.06448	0.00195	0.41860	3.61921E-06	1.9501E-03
610378.43	4206113.03	11647.9499	0.00205	0.41592	3.59604E-06	2.0490E-03
610385.43	4206113.03	12252.2617	0.00215	0.41309	3.57157E-06	2.1550E-03
610392.43	4206113.03	12901.87641	0.00227	0.41011	3.54581E-06	2.2691E-03
610399.43	4206113.03	13601.08879	0.00239	0.40698	3.51875E-06	2.3918E-03
610406.43	4206113.03	14354.71914	0.00252	0.40368	3.49022E-06	2.5241E-03
610413.43	4206113.03	15167.98488	0.00266	0.40022	3.46030E-06	2.6669E-03
610420.43	4206113.03	16058.33275	0.00282	0.39675	3.43030E-06	2.8232E-03
610427.43	4206113.03	17022.64953	0.00299	0.39307	3.39848E-06	2.9925E-03

610434.43	4206113.03	18068.76267	0.00317	0.38918	3.36485E-06	3.1762E-03
610441.43	4206113.03	19207.11824	0.00337	0.38507	3.32931E-06	3.3761E-03
610448.43	4206113.03	20443.94778	0.00359	0.38073	3.29179E-06	3.5932E-03
610455.43	4206113.03	21792.26964	0.00383	0.37616	3.25228E-06	3.8299E-03
610462.43	4206113.03	23264.796	0.00409	0.37135	3.21069E-06	4.0885E-03
610469.43	4206113.03	24875.95795	0.00437	0.36631	3.16711E-06	4.3713E-03
610476.43	4206113.03	26645.02101	0.00468	0.36103	3.12146E-06	4.6819E-03
610483.43	4206113.03	28585.54898	0.00502	0.35550	3.07365E-06	5.0226E-03
610497.43	4206113.03	33041.64055	0.00580	0.34368	2.97146E-06	5.8050E-03
610504.43	4206113.03	35617.31991	0.00625	0.33740	2.91716E-06	6.2572E-03
610511.43	4206113.03	38477.06188	0.00676	0.33090	2.86096E-06	6.7593E-03
610518.43	4206113.03	41652.52736	0.00731	0.32415	2.80260E-06	7.3169E-03
610525.43	4206113.03	45196.1151	0.00794	0.31719	2.74242E-06	7.9391E-03
610532.43	4206113.03	49172.07714	0.00863	0.31000	2.68026E-06	8.6372E-03
610539.43	4206113.03	53640.27036	0.00942	0.30260	2.61628E-06	9.4217E-03
610546.43	4206113.03	58702.0008	0.01031	0.29501	2.55066E-06	1.0310E-02
610553.43	4206113.03	64454.00908	0.01132	0.28722	2.48330E-06	1.1320E-02
610560.43	4206113.03	71054.231	0.01248	0.27927	2.41457E-06	1.2479E-02
610567.43	4206113.03	78747.08173	0.01383	0.27118	2.34462E-06	1.3830E-02
610574.43	4206113.03	87733.94454	0.01541	0.26297	2.27364E-06	1.5408E-02
610581.43	4206113.03	98374.1961	0.01727	0.25465	2.20170E-06	1.7276E-02
610588.43	4206113.03	111107.4918	0.01951	0.24625	2.12908E-06	1.9512E-02
610595.43	4206113.03	126608.7256	0.02223	0.23779	2.05593E-06	2.2234E-02
610602.43	4206113.03	145601.4954	0.02557	0.22931	1.98261E-06	2.5569E-02
610609.43	4206113.03	168383.8813	0.02957	0.22083	1.90930E-06	2.9570E-02
610616.43	4206113.03	192142.8678	0.03374	0.21238	1.83624E-06	3.3742E-02
610620	4206111.63	202654.8355	0.03559	0.20587	1.77995E-06	3.5588E-02
610767.12	4206112.39	299688.918	0.05262	0.08285	7.16321E-07	5.2625E-02
610770.43	4206113.03	294430.9435	0.05170	0.08172	7.06551E-07	5.1702E-02
610777.43	4206113.03	278417.9581	0.04889	0.07891	6.82255E-07	4.8890E-02
610784.43	4206113.03	251713.3262	0.04420	0.07629	6.59603E-07	4.4201E-02
610791.43	4206113.03	222342.4015	0.03904	0.07383	6.38334E-07	3.9043E-02
610798.43	4206113.03	195699.3832	0.03436	0.07153	6.18448E-07	3.4365E-02
610805.43	4206113.03	172843.2602	0.03035	0.06938	5.99859E-07	3.0351E-02
610812.43	4206113.03	153411.9092	0.02694	0.06734	5.82221E-07	2.6939E-02
610819.43	4206113.03	136850.9366	0.02403	0.06542	5.65621E-07	2.4031E-02
610833.43	4206113.03	110419.7935	0.01939	0.06189	5.35101E-07	1.9390E-02
610840.43	4206113.03	99812.24436	0.01753	0.06026	5.21008E-07	1.7527E-02
610847.43	4206113.03	90569.23945	0.01590	0.05871	5.07606E-07	1.5904E-02
610854.43	4206113.03	82477.58318	0.01448	0.05723	4.94810E-07	1.4483E-02
610861.43	4206113.03	75362.58709	0.01323	0.05582	4.82619E-07	1.3234E-02
610868.43	4206113.03	69080.4279	0.01213	0.05447	4.70947E-07	1.2131E-02
610875.43	4206113.03	63511.96779	0.01115	0.05318	4.59794E-07	1.1153E-02
610882.43	4206113.03	58557.74822	0.01028	0.05194	4.49073E-07	1.0283E-02
610889.43	4206113.03	54134.55611	0.00951	0.05076	4.38871E-07	9.5063E-03
610896.43	4206113.03	50172.1321	0.00881	0.04962	4.29014E-07	8.8105E-03
610903.43	4206113.03	46611.21116	0.00818	0.04853	4.19590E-07	8.1852E-03
610910.43	4206113.03	43401.1337	0.00762	0.04748	4.10512E-07	7.6216E-03
610917.43	4206113.03	40499.03435	0.00711	0.04647	4.01779E-07	7.1119E-03
610924.43	4206113.03	37867.81529	0.00665	0.04550	3.93393E-07	6.6499E-03
610931.43	4206113.03	35475.97175	0.00623	0.04457	3.85352E-07	6.2299E-03
610952.43	4206113.03	29481.06216	0.00518	0.04196	3.62786E-07	5.1772E-03
610959.43	4206113.03	27807.32407	0.00488	0.04115	3.55783E-07	4.8833E-03
610966.43	4206113.03	26267.96441	0.00461	0.04038	3.49125E-07	4.6129E-03
610973.43	4206113.03	24849.35	0.00436	0.03962	3.42554E-07	4.3638E-03
610980.43	4206113.03	23539.27068	0.00413	0.03890	3.36329E-07	4.1338E-03
610987.43	4206113.03	22327.41937	0.00392	0.03819	3.30191E-07	3.9210E-03
610994.43	4206113.03	21204.19248	0.00372	0.03751	3.24311E-07	3.7237E-03
611001.43	4206113.03	20161.41287	0.00354	0.03686	3.18691E-07	3.5406E-03
611008.43	4206113.03	19191.73678	0.00337	0.03622	3.13158E-07	3.3703E-03
611015.43	4206113.03	18288.50155	0.00321	0.03560	3.07797E-07	3.2117E-03
611022.43	4206113.03	17445.96622	0.00306	0.03500	3.02610E-07	3.0638E-03
611029.43	4206113.03	16658.93169	0.00293	0.03442	2.97595E-07	2.9256E-03
611036.43	4206113.03	15922.69421	0.00280	0.03386	2.92753E-07	2.7963E-03
611043.43	4206113.03	15232.98144	0.00267	0.03332	2.88085E-07	2.6752E-03
611050.43	4206113.03	14586.09516	0.00256	0.03279	2.83502E-07	2.5616E-03
611057.43	4206113.03	13978.51799	0.00245	0.03227	2.79006E-07	2.4549E-03
611064.43	4206113.03	13407.32418	0.00235	0.03177	2.74683E-07	2.3546E-03
611071.43	4206113.03	12869.60491	0.00226	0.03129	2.70533E-07	2.2601E-03
610294.43	4206120.03	6708.22892	0.00118	0.46209	3.99523E-06	1.1819E-03
610301.43	4206120.03	6980.12802	0.00123	0.46056	3.98200E-06	1.2297E-03
610308.43	4206120.03	7268.54586	0.00128	0.45895	3.96808E-06	1.2803E-03
610315.43	4206120.03	7574.68758	0.00133	0.45726	3.95347E-06	1.3341E-03
610322.43	4206120.03	7900.05102	0.00139	0.45548	3.93808E-06	1.3912E-03
610329.43	4206120.03	8246.1828	0.00145	0.45362	3.92200E-06	1.4519E-03
610336.43	4206120.03	8614.82394	0.00151	0.45165	3.90496E-06	1.5166E-03
610343.43	4206120.03	9007.84348	0.00158	0.44958	3.88707E-06	1.5856E-03
610350.43	4206120.03	9427.35512	0.00166	0.44740	3.86822E-06	1.6593E-03
610357.43	4206120.03	9875.67957	0.00173	0.44510	3.84833E-06	1.7380E-03
610364.43	4206120.03	10355.28743	0.00182	0.44267	3.82732E-06	1.8222E-03
610371.43	4206120.03	10869.08232	0.00191	0.44011	3.80519E-06	1.9124E-03
610378.43	4206120.03	11420.17388	0.00201	0.43742	3.78193E-06	2.0091E-03
610385.43	4206120.03	12012.02069	0.00211	0.43457	3.75729E-06	2.1130E-03
610392.43	4206120.03	12648.47783	0.00222	0.43157	3.73135E-06	2.2248E-03
610399.43	4206120.03	13333.76217	0.00234	0.42841	3.70403E-06	2.3451E-03
610406.43	4206120.03	14072.80679	0.00247	0.42508	3.67524E-06	2.4748E-03
610413.43	4206120.03	14870.7554	0.00261	0.42157	3.64489E-06	2.6149E-03
610420.43	4206120.03	15744.94703	0.00276	0.41807	3.61463E-06	2.7684E-03
610427.43	4206120.03	16690.94555	0.00293	0.41432	3.58221E-06	2.9345E-03
610434.43	4206120.03	17717.75278	0.00311	0.41034	3.54780E-06	3.1147E-03
610441.43	4206120.03	18835.7854	0.00331	0.40615	3.51157E-06	3.3110E-03
610448.43	4206120.03	20051.48176	0.00352	0.40170	3.47310E-06	3.5245E-03
610455.43	4206120.03	21379.66549	0.00375	0.39703	3.43272E-06	3.7577E-03
610462.43	4206120.03	22829.04836	0.00401	0.39210	3.39009E-06	4.0121E-03
610469.43	4206120.03	24418.77993	0.00429	0.38693	3.34539E-06	4.2912E-03
610476.43	4206120.03	26160.3683	0.00459	0.38148	3.29827E-06	4.5970E-03
610483.43	4206120.03	28078.24274	0.00493	0.37579	3.24908E-06	4.9337E-03
610497.43	4206120.03	32489.18529	0.00571	0.36355	3.14325E-06	5.7082E-03
610504.43	4206120.03	35050.91944	0.00615	0.35704	3.08697E-06	6.1580E-03
610511.43	4206120.03	37889.73768	0.00665	0.35027	3.02843E-06	6.6564E-03
610518.43	4206120.03	41050.19339	0.00721	0.34324	2.96765E-06	7.2113E-03
610525.43	4206120.03	44580.89087	0.00783	0.33595	2.90462E-06	7.8312E-03
610532.43	4206120.03	48540.71343	0.00852	0.32842	2.83952E-06	8.5265E-03
610539.43	4206120.03	53001.40069	0.00931	0.32064	2.77225E-06	9.3097E-03
610546.43	4206120.03	58052.0253	0.01019	0.31263	2.70300E-06	1.0197E-02
610553.43	4206120.03	63803.81463	0.01120	0.30441	2.63193E-06	1.1206E-02
610560.43	4206120.03	70409.07493	0.01236	0.29599	2.55913E-06	1.2366E-02
610567.43	4206120.03	78091.22744	0.01371	0.28741	2.48495E-06	1.3715E-02
610574.43	4206120.03	87080.30119	0.01529	0.27867	2.40938E-06	1.5294E-02
610581.43	4206120.03	97711.06181	0.01716	0.26979	2.33260E-06	1.7160E-02
610588.43	4206120.03	110431.6556	0.01939	0.26081	2.25496E-06	1.9394E-02
610595.43	4206120.03	125917.3583	0.02211	0.25176	2.17672E-06	2.2113E-02
610602.43	4206120.03	144911.4514	0.02545	0.24267	2.09812E-06	2.5448E-02
610609.43	4206120.03	167663.2446	0.02944	0.23357	2.01945E-06	2.9443E-02
610615.16	4206121.68	187159.7867	0.03286	0.22919	1.98158E-06	3.2867E-02
610618.73	4206123.84	197999.6312	0.03477	0.22848	1.97544E-06	3.4770E-02
610767.12	4206119.39	304888.4085	0.05354	0.08590	7.42691E-07	5.3538E-02
610770.43	4206120.03	299639.9273	0.05262	0.08473	7.32575E-07	5.2617E-02
610777.43	4206120.03	283403.283	0.04976	0.08178	7.07069E-07	4.9766E-02
610784.43	4206120.03	256677.504	0.04507	0.07903	6.83293E-07	4.5073E-02
610791.43	4206120.03	227397.1467	0.03993	0.07647	6.61159E-07	3.9931E-02
610798.43	4206120.03	200846.4521	0.03527	0.07406	6.40322E-07	3.5269E-02
610805.43	4206120.03	178028.402	0.03126	0.07181	6.20869E-07	3.1262E-02
610812.43	4206120.03	158581.8054	0.02785	0.06968	6.02453E-07	2.7847E-02
610819.43	4206120.03	141953.5419	0.02493	0.06768	5.85161E-07	2.4927E-02
610833.43	4206120.03	115262.1396	0.02024	0.06399	5.53257E-07	2.0240E-02
610840.43	4206120.03	104479.8101	0.01835	0.06229	5.38559E-07	1.8347E-02
610847.43	4206120.03	95043.46068	0.01669	0.06067	5.24553E-07	1.6690E-02
610854.43	4206120.03	86746.79932	0.01523	0.05913	5.11238E-07	1.5233E-02
610861.43	4206120.03	79421.15703	0.01395	0.05766	4.98528E-07	1.3947E-02
610868.43	4206120.03	72927.56675	0.01281	0.05625	4.86337E-07	1.2806E-02
610875.43	4206120.03	67150.32193	0.01179	0.05491	4.74752E-07	1.1792E-02
610882.43	4206120.03	61992.92335	0.01089	0.05362	4.63598E-07	1.0886E-02
610889.43	4206120.03	57373.77653	0.01007	0.05239	4.52964E-07	1.0075E-02
610896.43	4206120.03	53223.80819	0.00935	0.05120	4.42675E-07	9.3464E-03
610903.43	4206120.03	49484.5412	0.00869	0.05007	4.32905E-07	8.6898E-03
610910.43	4206120.03	46105.8207	0.00810	0.04898	4.23481E-07	8.0965E-03
610917.43	4206120.03	43044.54363	0.00756	0.04793	4.14403E-07	7.5589E-03
610924.43	4206120.03	40263.76419	0.00707	0.04692	4.05670E-07	7.0706E-03
610931.43	4206120.03	37731.68286	0.00663	0.04595	3.97283E-07	6.6260E-03
610952.43	4206120.03	31367.68111	0.00551	0.04325	3.73939E-07	5.5085E-03
610959.43	4206120.03	29586.77055	0.00520	0.04241	3.66677E-07	5.1957E-03
610966.43	4206120.03	27947.23187	0.00491	0.04161	3.59760E-07	4.9078E-03
610973.43	4206120.03	26435.08159	0.00464	0.04083	3.53016E-07	4.6423E-03
610980.43	4206120.03	25037.79771	0.00440	0.04007	3.46445E-07	4.3969E-03
610987.43	4206120.03	23744.40533	0.00417	0.03934	3.40133E-07	4.1698E-03
610994.43	4206120.03	22545.02684	0.00396	0.03864	3.34081E-07	3.9592E-03
611001.43	4206120.03	21431.10506	0.00376	0.03796	3.28202E-07	3.7636E-03
611008.43	4206120.03	20394.86684	0.00358	0.03730	3.22496E-07	3.5816E-03

611036.43	4206120.03	16899.67518	0.00297	0.03486	3.01399E-07	2.9678E-03
611043.43	4206120.03	16162.06435	0.00284	0.03429	2.96471E-07	2.8383E-03
611050.43	4206120.03	15470.15065	0.00272	0.03375	2.91802E-07	2.7168E-03
611057.43	4206120.03	14820.38616	0.00260	0.03321	2.87133E-07	2.6027E-03
611064.43	4206120.03	14209.44811	0.00250	0.03269	2.82638E-07	2.4954E-03
611071.43	4206120.03	13634.36725	0.00239	0.03219	2.78315E-07	2.3944E-03
611078.43	4206120.03	13092.41958	0.00230	0.03170	2.74078E-07	2.2993E-03
610294.43	4206127.03	6584.57868	0.00116	0.48519	4.19495E-06	1.1604E-03
610301.43	4206127.03	6850.10833	0.00120	0.48368	4.18189E-06	1.2070E-03
610308.43	4206127.03	7131.70321	0.00125	0.48209	4.16815E-06	1.2565E-03
610315.43	4206127.03	7430.60196	0.00130	0.48042	4.15371E-06	1.3090E-03
610322.43	4206127.03	7748.2784	0.00136	0.47866	4.13849E-06	1.3647E-03
610329.43	4206127.03	8086.23045	0.00142	0.47680	4.12241E-06	1.4240E-03
610336.43	4206127.03	8446.18403	0.00148	0.47485	4.10555E-06	1.4872E-03
610343.43	4206127.03	8830.00119	0.00155	0.47279	4.08774E-06	1.5546E-03
610350.43	4206127.03	9239.67975	0.00162	0.47061	4.06889E-06	1.6265E-03
610357.43	4206127.03	9677.54621	0.00170	0.46832	4.04909E-06	1.7034E-03
610364.43	4206127.03	10146.119	0.00178	0.46589	4.02808E-06	1.7857E-03
610371.43	4206127.03	10648.18021	0.00187	0.46333	4.00595E-06	1.8738E-03
610378.43	4206127.03	11186.76132	0.00196	0.46063	3.98260E-06	1.9684E-03
610385.43	4206127.03	11765.38316	0.00207	0.45777	3.95788E-06	2.0699E-03
610392.43	4206127.03	12387.8439	0.00218	0.45475	3.93177E-06	2.1792E-03
610399.43	4206127.03	13058.30178	0.00229	0.45157	3.90427E-06	2.2969E-03
610406.43	4206127.03	13781.57284	0.00242	0.44821	3.87522E-06	2.4239E-03
610413.43	4206127.03	14563.0517	0.00256	0.44466	3.84453E-06	2.5611E-03
610420.43	4206127.03	15418.35185	0.00271	0.44109	3.81366E-06	2.7112E-03
610427.43	4206127.03	16345.80982	0.00287	0.43729	3.78081E-06	2.8741E-03
610434.43	4206127.03	17351.59758	0.00305	0.43324	3.74579E-06	3.0506E-03
610441.43	4206127.03	18447.40879	0.00324	0.42896	3.70879E-06	3.2430E-03
610448.43	4206127.03	19641.61734	0.00345	0.42443	3.66962E-06	3.4527E-03
610455.43	4206127.03	20943.27503	0.00368	0.41964	3.62821E-06	3.6812E-03
610462.43	4206127.03	22369.11533	0.00393	0.41459	3.58454E-06	3.9316E-03
610469.43	4206127.03	23931.8355	0.00420	0.40928	3.53863E-06	4.2059E-03
610476.43	4206127.03	25648.00269	0.00450	0.40369	3.49030E-06	4.5072E-03
610483.43	4206127.03	27536.91429	0.00484	0.39782	3.43955E-06	4.8389E-03
610497.43	4206127.03	31898.23549	0.00560	0.38518	3.33026E-06	5.6046E-03
610504.43	4206127.03	34433.41554	0.00605	0.37842	3.27182E-06	6.0497E-03
610511.43	4206127.03	37250.53965	0.00654	0.37138	3.21095E-06	6.5443E-03
610518.43	4206127.03	40390.56344	0.00709	0.36405	3.14757E-06	7.0956E-03
610525.43	4206127.03	43897.17352	0.00771	0.35643	3.08169E-06	7.7113E-03
610532.43	4206127.03	47840.05006	0.00840	0.34854	3.01348E-06	8.4036E-03
610539.43	4206127.03	52286.80191	0.00918	0.34036	2.94275E-06	9.1844E-03
610546.43	4206127.03	57326.78569	0.01007	0.33193	2.86987E-06	1.0069E-02
610553.43	4206127.03	63072.37842	0.01108	0.32324	2.79473E-06	1.1078E-02
610560.43	4206127.03	69667.02087	0.01223	0.31432	2.71761E-06	1.2236E-02
610567.43	4206127.03	77342.00392	0.01358	0.30520	2.63876E-06	1.3584E-02
610574.43	4206127.03	86313.97688	0.01516	0.29589	2.55826E-06	1.5159E-02
610581.43	4206127.03	96909.66316	0.01702	0.28641	2.47630E-06	1.7020E-02
610588.43	4206127.03	109623.8489	0.01925	0.27681	2.39330E-06	1.9252E-02
610595.43	4206127.03	125080.4937	0.02196	0.26711	2.30943E-06	2.1966E-02
610602.43	4206127.03	144036.7213	0.02529	0.25734	2.22496E-06	2.5295E-02
610609.43	4206127.03	166798.8507	0.02929	0.24756	2.14040E-06	2.9292E-02
610616.43	4206127.03	190749.7003	0.03350	0.23779	2.05593E-06	3.3497E-02
610767.12	4206126.39	309220.6931	0.05430	0.08916	7.70877E-07	5.4299E-02
610770.43	4206127.03	303988.1151	0.05338	0.08793	7.60242E-07	5.3380E-02
610777.43	4206127.03	287674.5507	0.05052	0.08484	7.33526E-07	5.0516E-02
610784.43	4206127.03	260863.4506	0.04581	0.08197	7.08712E-07	4.5808E-02
610791.43	4206127.03	231694.8551	0.04069	0.07928	6.85454E-07	4.0686E-02
610798.43	4206127.03	205271.2956	0.03605	0.07676	6.63667E-07	3.6046E-02
610805.43	4206127.03	182539.2662	0.03205	0.07440	6.43262E-07	3.2054E-02
610812.43	4206127.03	163127.1129	0.02864	0.07218	6.24068E-07	2.8645E-02
610819.43	4206127.03	146486.9415	0.02572	0.07009	6.05998E-07	2.5723E-02
610833.43	4206127.03	119650.7901	0.02101	0.06623	5.72624E-07	2.1011E-02
610840.43	4206127.03	108749.9916	0.01910	0.06445	5.57234E-07	1.9097E-02
610847.43	4206127.03	99173.49673	0.01741	0.06276	5.42623E-07	1.7415E-02
610854.43	4206127.03	90721.35698	0.01593	0.06115	5.28703E-07	1.5931E-02
610861.43	4206127.03	83229.79218	0.01461	0.05962	5.15474E-07	1.4615E-02
610868.43	4206127.03	76564.38393	0.01344	0.05815	5.02765E-07	1.3445E-02
610875.43	4206127.03	70613.54618	0.01240	0.05675	4.90660E-07	1.2400E-02
610882.43	4206127.03	65283.40191	0.01146	0.05541	4.79075E-07	1.1464E-02
610889.43	4206127.03	60494.58052	0.01062	0.05412	4.67921E-07	1.0623E-02
610896.43	4206127.03	56179.83118	0.00987	0.05289	4.57287E-07	9.8655E-03
610903.43	4206127.03	52281.74022	0.00918	0.05171	4.47084E-07	9.1810E-03
610910.43	4206127.03	48750.71525	0.00856	0.05057	4.37228E-07	8.5610E-03
610917.43	4206127.03	45544.40924	0.00800	0.04948	4.27804E-07	7.9979E-03
610924.43	4206127.03	42625.84121	0.00749	0.04843	4.18726E-07	7.4854E-03
610931.43	4206127.03	39963.2635	0.00702	0.04743	4.10080E-07	7.0179E-03
610952.43	4206127.03	33251.08525	0.00584	0.04462	3.85784E-07	5.8392E-03
610959.43	4206127.03	31367.54952	0.00551	0.04375	3.78262E-07	5.5085E-03
610966.43	4206127.03	29631.85483	0.00520	0.04291	3.71000E-07	5.2037E-03
610973.43	4206127.03	28029.34376	0.00492	0.04211	3.64083E-07	4.9223E-03
610980.43	4206127.03	26547.26034	0.00466	0.04132	3.57253E-07	4.6620E-03
610987.43	4206127.03	25174.3216	0.00442	0.04057	3.50768E-07	4.4209E-03
610994.43	4206127.03	23900.31814	0.00420	0.03984	3.44456E-07	4.1972E-03
611001.43	4206127.03	22716.52847	0.00399	0.03913	3.38318E-07	3.9893E-03
611008.43	4206127.03	21614.61607	0.00380	0.03845	3.32439E-07	3.7958E-03
611043.43	4206127.03	17109.17725	0.00300	0.03533	3.05463E-07	3.0046E-03
611050.43	4206127.03	16372.17961	0.00287	0.03476	3.00535E-07	2.8752E-03
611057.43	4206127.03	15679.96965	0.00275	0.03421	2.95779E-07	2.7537E-03
611064.43	4206127.03	15029.05432	0.00264	0.03367	2.91111E-07	2.6394E-03
611071.43	4206127.03	14416.34086	0.00253	0.03315	2.86615E-07	2.5318E-03
611078.43	4206127.03	13838.95409	0.00243	0.03264	2.82205E-07	2.4304E-03
611085.43	4206127.03	13294.2774	0.00233	0.03215	2.77969E-07	2.3347E-03
611092.43	4206127.03	12779.93464	0.00224	0.03166	2.73732E-07	2.2444E-03
610294.43	4206134.03	6459.94979	0.00113	0.51018	4.41101E-06	1.1388E-03
610301.43	4206134.03	6718.93587	0.00118	0.50868	4.39804E-06	1.1842E-03
610308.43	4206134.03	6993.52205	0.00123	0.50711	4.38447E-06	1.2324E-03
610315.43	4206134.03	7285.04289	0.00128	0.50545	4.37012E-06	1.2836E-03
610322.43	4206134.03	7594.83206	0.00133	0.50371	4.35507E-06	1.3380E-03
610329.43	4206134.03	7924.3933	0.00139	0.50187	4.33917E-06	1.3958E-03
610336.43	4206134.03	8275.37744	0.00145	0.49994	4.32248E-06	1.4575E-03
610343.43	4206134.03	8649.57988	0.00152	0.49789	4.30475E-06	1.5232E-03
610350.43	4206134.03	9049.11298	0.00159	0.49573	4.28608E-06	1.5933E-03
610357.43	4206134.03	9476.15237	0.00166	0.49344	4.26628E-06	1.6683E-03
610364.43	4206134.03	9933.22229	0.00174	0.49102	4.24536E-06	1.7485E-03
610371.43	4206134.03	10422.93204	0.00183	0.48846	4.22322E-06	1.8345E-03
610378.43	4206134.03	10948.44473	0.00192	0.48575	4.19979E-06	1.9267E-03
610385.43	4206134.03	11513.1822	0.00202	0.48288	4.17498E-06	2.0259E-03
610392.43	4206134.03	12120.74889	0.00213	0.47985	4.14878E-06	2.1325E-03
610399.43	4206134.03	12775.55103	0.00224	0.47664	4.12103E-06	2.2475E-03
610406.43	4206134.03	13482.1229	0.00237	0.47325	4.09172E-06	2.3715E-03
610413.43	4206134.03	14245.86336	0.00250	0.46967	4.06076E-06	2.5056E-03
610420.43	4206134.03	15080.97798	0.00265	0.46605	4.02947E-06	2.6522E-03
610427.43	4206134.03	15987.02766	0.00281	0.46218	3.99601E-06	2.8113E-03
610434.43	4206134.03	16971.54388	0.00298	0.45807	3.96047E-06	2.9841E-03
610441.43	4206134.03	18043.31799	0.00317	0.45371	3.92277E-06	3.1723E-03
610448.43	4206134.03	19212.07016	0.00337	0.44909	3.88283E-06	3.3775E-03
610455.43	4206134.03	20488.85525	0.00360	0.44420	3.84055E-06	3.6016E-03
610462.43	4206134.03	21886.43224	0.00384	0.43904	3.79594E-06	3.8470E-03
610469.43	4206134.03	23419.30384	0.00411	0.43359	3.74882E-06	4.1161E-03
610476.43	4206134.03	25104.2405	0.00441	0.42785	3.69919E-06	4.4119E-03
610483.43	4206134.03	26960.24539	0.00473	0.42180	3.64688E-06	4.7378E-03
610497.43	4206134.03	31266.81624	0.00549	0.40876	3.53414E-06	5.4939E-03
610504.43	4206134.03	33770.73605	0.00593	0.40176	3.47361E-06	5.9335E-03
610511.43	4206134.03	36560.80323	0.00642	0.39445	3.41041E-06	6.4234E-03
610518.43	4206134.03	39669.84888	0.00697	0.38681	3.34436E-06	6.9693E-03
610525.43	4206134.03	43156.95349	0.00758	0.37885	3.27554E-06	7.5815E-03
610532.43	4206134.03	47077.38259	0.00827	0.37058	3.20403E-06	8.2699E-03
610539.43	4206134.03	51497.34598	0.00904	0.36199	3.12976E-06	9.0459E-03
610546.43	4206134.03	56520.01464	0.00992	0.35310	3.05290E-06	9.9278E-03
610553.43	4206134.03	62243.59759	0.01093	0.34391	2.97344E-06	1.0933E-02
610560.43	4206134.03	68828.6582	0.01209	0.33446	2.89174E-06	1.2089E-02
610567.43	4206134.03	76477.44236	0.01343	0.32476	2.80787E-06	1.3432E-02
610574.43	4206134.03	85422.79991	0.01500	0.31483	2.72202E-06	1.5003E-02
610581.43	4206134.03	96004.05198	0.01686	0.30471	2.63452E-06	1.6861E-02
610588.43	4206134.03	108684.6724	0.01908	0.29442	2.54555E-06	1.9087E-02
610595.43	4206134.03	124119.8703	0.02180	0.28401	2.45555E-06	2.1798E-02
610602.43	4206134.03	143038.0854	0.02512	0.27351	2.36477E-06	2.5120E-02
610609.43	4206134.03	165755.4285	0.02911	0.26296	2.27355E-06	2.9109E-02
610616.43	4206134.03	189800.2188	0.03333	0.25242	2.18242E-06	3.3331E-02
610767.12	4206133.39	312866.5694	0.05494	0.09266	8.01138E-07	5.4939E-02
610770.43	4206134.03	307716.7539	0.05403	0.09137	7.89985E-07	5.4035E-02
610777.43	4206134.03	291143.425	0.05112	0.08812	7.61885E-07	5.1125E-02
610784.43	4206134.03	264367.6897	0.04642	0.08510	7.35774E-07	4.6423E-02
610791.43	4206134.03	235329.8363	0.04132	0.08229	7.11479E-07	4.1324E-02
610798.43	4206134.03	209065.5483	0.03671	0.07965	6.88654E-07	3.6712E-02
610805.43	4206134.03	186448.5922	0.03274	0.07718	6.67298E-07	3.2741E-02
610812.43	4206134.03	167108.9281	0.02934	0.07485	6.47153E-07	2.9345E-02
610833.43	4206134.03	123609.4609	0.02171	0.06863	5.93375E-07	2.1706E-02

610840.43	4206134.03	112636.7808	0.01978	0.06676	5.77207E-07	1.9779E-02
610847.43	4206134.03	102964.7363	0.01808	0.06500	5.61990E-07	1.8081E-02
610854.43	4206134.03	94399.10657	0.01658	0.06331	5.47378E-07	1.6577E-02
610861.43	4206134.03	86781.08814	0.01524	0.06171	5.33544E-07	1.5239E-02
610868.43	4206134.03	79980.17455	0.01404	0.06017	5.20230E-07	1.4045E-02
610875.43	4206134.03	73887.87376	0.01297	0.05871	5.07606E-07	1.2975E-02
610882.43	4206134.03	68413.89252	0.01201	0.05731	4.95502E-07	1.2014E-02
610889.43	4206134.03	63480.95425	0.01115	0.05597	4.83916E-07	1.1148E-02
610896.43	4206134.03	59023.83495	0.01036	0.05469	4.72849E-07	1.0365E-02
610903.43	4206134.03	54986.3103	0.00966	0.05345	4.62128E-07	9.6559E-03
610910.43	4206134.03	51319.908	0.00901	0.05227	4.51926E-07	9.0121E-03
610917.43	4206134.03	47982.99862	0.00843	0.05114	4.42156E-07	8.4262E-03
610924.43	4206134.03	44939.19242	0.00789	0.05005	4.32732E-07	7.8917E-03
610931.43	4206134.03	42157.02546	0.00740	0.04900	4.23654E-07	7.4031E-03
610952.43	4206134.03	35119.97801	0.00617	0.04608	3.98407E-07	6.1674E-03
610959.43	4206134.03	33139.47062	0.00582	0.04518	3.90626E-07	5.8196E-03
610966.43	4206134.03	31312.07643	0.00550	0.04431	3.83104E-07	5.4987E-03
610973.43	4206134.03	29623.01959	0.00520	0.04347	3.75841E-07	5.2021E-03
610980.43	4206134.03	28059.52895	0.00493	0.04266	3.68838E-07	4.9276E-03
610987.43	4206134.03	26609.71699	0.00467	0.04187	3.62008E-07	4.6730E-03
610994.43	4206134.03	25263.35467	0.00444	0.04111	3.55437E-07	4.4365E-03
611001.43	4206134.03	24011.29879	0.00422	0.04038	3.49125E-07	4.2167E-03
611008.43	4206134.03	22845.21025	0.00401	0.03967	3.42987E-07	4.0119E-03
611036.43	4206134.03	18903.82837	0.00332	0.03704	3.20248E-07	3.3198E-03
611043.43	4206134.03	18070.6197	0.00317	0.03643	3.14974E-07	3.1735E-03
611050.43	4206134.03	17288.70626	0.00304	0.03584	3.09872E-07	3.0362E-03
611057.43	4206134.03	16554.14356	0.00291	0.03527	3.04944E-07	2.9072E-03
611064.43	4206134.03	15863.3362	0.00279	0.03471	3.00102E-07	2.7859E-03
611071.43	4206134.03	15212.89737	0.00267	0.03416	2.95347E-07	2.6716E-03
611078.43	4206134.03	14599.88205	0.00256	0.03363	2.90765E-07	2.5640E-03
611085.43	4206134.03	14021.51851	0.00246	0.03312	2.86355E-07	2.4624E-03
611092.43	4206134.03	13475.39297	0.00237	0.03262	2.82032E-07	2.3665E-03
610294.43	4206141.03	6334.52466	0.00111	0.53727	4.64523E-06	1.1170E-03
610301.43	4206141.03	6586.83806	0.00116	0.53579	4.63244E-06	1.1613E-03
610308.43	4206141.03	6854.38574	0.00120	0.53424	4.61904E-06	1.2082E-03
610315.43	4206141.03	7138.32868	0.00125	0.53261	4.60494E-06	1.2581E-03
610322.43	4206141.03	7440.02063	0.00131	0.53089	4.59007E-06	1.3110E-03
610329.43	4206141.03	7760.94169	0.00136	0.52907	4.57434E-06	1.3674E-03
610336.43	4206141.03	8102.70696	0.00142	0.52715	4.55774E-06	1.4274E-03
610343.43	4206141.03	8467.13215	0.00149	0.52512	4.54018E-06	1.4913E-03
610350.43	4206141.03	8856.19238	0.00156	0.52297	4.52160E-06	1.5596E-03
610357.43	4206141.03	9272.02372	0.00163	0.52069	4.50188E-06	1.6326E-03
610364.43	4206141.03	9717.0749	0.00171	0.51828	4.48105E-06	1.7108E-03
610371.43	4206141.03	10194.06882	0.00179	0.51572	4.45891E-06	1.7945E-03
610378.43	4206141.03	10705.95653	0.00188	0.51301	4.43548E-06	1.8844E-03
610385.43	4206141.03	11256.08587	0.00198	0.51014	4.41067E-06	1.9810E-03
610392.43	4206141.03	11848.19765	0.00208	0.50710	4.38438E-06	2.0849E-03
610399.43	4206141.03	12486.4164	0.00219	0.50387	4.35646E-06	2.1969E-03
610406.43	4206141.03	13175.43592	0.00231	0.50046	4.32697E-06	2.3179E-03
610413.43	4206141.03	13920.34039	0.00244	0.49684	4.29568E-06	2.4487E-03
610420.43	4206141.03	14735.38574	0.00259	0.49319	4.26412E-06	2.5918E-03
610427.43	4206141.03	15618.72401	0.00274	0.48925	4.23005E-06	2.7468E-03
610434.43	4206141.03	16579.03435	0.00291	0.48507	4.19391E-06	2.9154E-03
610441.43	4206141.03	17624.94838	0.00309	0.48063	4.15552E-06	3.0991E-03
610448.43	4206141.03	18768.11664	0.00330	0.47593	4.11489E-06	3.2998E-03
610455.43	4206141.03	20015.97041	0.00351	0.47094	4.07174E-06	3.5188E-03
610462.43	4206141.03	21382.81712	0.00375	0.46566	4.02609E-06	3.7588E-03
610469.43	4206141.03	22883.15462	0.00402	0.46008	3.97785E-06	4.0222E-03
610476.43	4206141.03	24536.3057	0.00431	0.45419	3.92692E-06	4.3124E-03
610483.43	4206141.03	26356.36204	0.00463	0.44798	3.87323E-06	4.6320E-03
610497.43	4206141.03	30592.92099	0.00537	0.43453	3.75694E-06	5.3758E-03
610504.43	4206141.03	33068.54894	0.00581	0.42730	3.69443E-06	5.8105E-03
610511.43	4206141.03	35822.30639	0.00629	0.41970	3.62872E-06	6.2939E-03
610518.43	4206141.03	38899.84302	0.00683	0.41175	3.55999E-06	6.8343E-03
610525.43	4206141.03	42356.20372	0.00744	0.40344	3.48814E-06	7.4411E-03
610532.43	4206141.03	46241.4989	0.00812	0.39477	3.41318E-06	8.1233E-03
610539.43	4206141.03	50634.02247	0.00889	0.38575	3.33519E-06	8.8946E-03
610546.43	4206141.03	55624.23506	0.00977	0.37638	3.25418E-06	9.7707E-03
610553.43	4206141.03	61325.98164	0.01077	0.36668	3.17031E-06	1.0772E-02
610560.43	4206141.03	67893.99242	0.01192	0.35666	3.08368E-06	1.1925E-02
610567.43	4206141.03	75508.81878	0.01326	0.34634	2.99445E-06	1.3262E-02
610574.43	4206141.03	84433.11314	0.01483	0.33575	2.90289E-06	1.4829E-02
610581.43	4206141.03	94980.42692	0.01668	0.32492	2.80926E-06	1.6681E-02
610588.43	4206141.03	107640.7801	0.01890	0.31389	2.71389E-06	1.8904E-02
610595.43	4206141.03	122989.6028	0.02160	0.30269	2.61706E-06	2.1599E-02
610602.43	4206141.03	141870.8265	0.02491	0.29137	2.51918E-06	2.4915E-02
610609.43	4206141.03	164507.8827	0.02889	0.27999	2.42079E-06	2.8890E-02
610616.43	4206141.03	188418.643	0.03309	0.26858	2.32214E-06	3.3088E-02
610770.43	4206141.03	310822.4641	0.05458	0.09506	8.21888E-07	5.4581E-02
610777.43	4206141.03	294038.2234	0.05163	0.09165	7.92405E-07	5.1633E-02
610784.43	4206141.03	267279.7885	0.04693	0.08847	7.64911E-07	4.6935E-02
610791.43	4206141.03	238390.8755	0.04186	0.08551	7.39319E-07	4.1862E-02
610798.43	4206141.03	212306.061	0.03728	0.08275	7.15456E-07	3.7281E-02
610805.43	4206141.03	189827.369	0.03333	0.08015	6.92977E-07	3.3334E-02
610812.43	4206141.03	170586.8619	0.02995	0.07771	6.71880E-07	2.9955E-02
610833.43	4206141.03	127164.8882	0.02233	0.07118	6.15422E-07	2.2330E-02
610840.43	4206141.03	116157.4164	0.02040	0.06924	5.98649E-07	2.0398E-02
610847.43	4206141.03	106427.3091	0.01869	0.06738	5.82567E-07	1.8689E-02
610854.43	4206141.03	97784.29811	0.01717	0.06562	5.67350E-07	1.7171E-02
610861.43	4206141.03	90073.60008	0.01582	0.06394	5.52825E-07	1.5817E-02
610868.43	4206141.03	83168.93416	0.01460	0.06234	5.38991E-07	1.4605E-02
610875.43	4206141.03	76965.03851	0.01351	0.06081	5.25763E-07	1.3515E-02
610882.43	4206141.03	71373.71075	0.01253	0.05935	5.13140E-07	1.2534E-02
610889.43	4206141.03	66320.84472	0.01165	0.05795	5.01035E-07	1.1646E-02
610896.43	4206141.03	61742.67507	0.01084	0.05661	4.89450E-07	1.0842E-02
610903.43	4206141.03	57584.77563	0.01011	0.05532	4.78296E-07	1.0112E-02
610910.43	4206141.03	53799.91539	0.00945	0.05409	4.67662E-07	9.4476E-03
610917.43	4206141.03	50347.2147	0.00884	0.05291	4.57460E-07	8.8413E-03
610924.43	4206141.03	47190.97014	0.00829	0.05177	4.47603E-07	8.2871E-03
610931.43	4206141.03	44300.31798	0.00778	0.05068	4.38179E-07	7.7795E-03
610952.43	4206141.03	36963.82644	0.00649	0.04764	4.11895E-07	6.4912E-03
610959.43	4206141.03	34892.50525	0.00613	0.04670	4.03768E-07	6.1275E-03
610966.43	4206141.03	32978.74365	0.00579	0.04580	3.95987E-07	5.7914E-03
610973.43	4206141.03	31207.79779	0.00548	0.04492	3.88378E-07	5.4804E-03
610980.43	4206141.03	29566.5	0.00519	0.04408	3.81115E-07	5.1922E-03
610987.43	4206141.03	28043.0684	0.00492	0.04326	3.74026E-07	4.9247E-03
610994.43	4206141.03	26627.18696	0.00468	0.04247	3.67195E-07	4.6760E-03
611001.43	4206141.03	25309.21892	0.00444	0.04171	3.60624E-07	4.4446E-03
611008.43	4206141.03	24080.8258	0.00423	0.04097	3.54226E-07	4.2289E-03
611015.43	4206141.03	22934.50892	0.00403	0.04025	3.48001E-07	4.0276E-03
611036.43	4206141.03	19922.62408	0.00350	0.03823	3.30536E-07	3.4987E-03
611043.43	4206141.03	19042.43681	0.00334	0.03760	3.25089E-07	3.3441E-03
611050.43	4206141.03	18216.18194	0.00320	0.03698	3.19729E-07	3.1990E-03
611057.43	4206141.03	17439.67324	0.00306	0.03639	3.14628E-07	3.0627E-03
611064.43	4206141.03	16709.1033	0.00293	0.03580	3.09527E-07	2.9344E-03
611071.43	4206141.03	16021.15031	0.00281	0.03524	3.04685E-07	2.8136E-03
611078.43	4206141.03	15372.62308	0.00270	0.03469	2.99930E-07	2.6997E-03
611085.43	4206141.03	14760.69097	0.00259	0.03415	2.95261E-07	2.5922E-03
611092.43	4206141.03	14182.72832	0.00249	0.03363	2.90765E-07	2.4907E-03
610294.43	4206148.03	6208.58794	0.00109	0.56674	4.90003E-06	1.0951E-03
610301.43	4206148.03	6454.14622	0.00113	0.56529	4.88749E-06	1.1382E-03
610308.43	4206148.03	6714.43555	0.00118	0.56376	4.87427E-06	1.1839E-03
610315.43	4206148.03	6990.66835	0.00123	0.56215	4.86035E-06	1.2324E-03
610322.43	4206148.03	7284.16699	0.00128	0.56045	4.84565E-06	1.2839E-03
610329.43	4206148.03	7596.30003	0.00133	0.55866	4.83017E-06	1.3387E-03
610336.43	4206148.03	7928.68574	0.00139	0.55676	4.81374E-06	1.3971E-03
610343.43	4206148.03	8283.05003	0.00145	0.55475	4.79637E-06	1.4593E-03
610350.43	4206148.03	8661.31963	0.00152	0.55262	4.77795E-06	1.5257E-03
610357.43	4206148.03	9065.68037	0.00159	0.55035	4.75832E-06	1.5967E-03
610364.43	4206148.03	9498.39695	0.00167	0.54795	4.73757E-06	1.6726E-03
610371.43	4206148.03	9962.15644	0.00175	0.54540	4.71553E-06	1.7540E-03
610378.43	4206148.03	10459.94386	0.00184	0.54269	4.69210E-06	1.8414E-03
610385.43	4206148.03	10995.01037	0.00193	0.53981	4.66719E-06	1.9354E-03
610392.43	4206148.03	11571.00506	0.00203	0.53676	4.64082E-06	2.0365E-03
610399.43	4206148.03	12191.88815	0.00214	0.53352	4.61281E-06	2.1455E-03
610406.43	4206148.03	12862.42194	0.00226	0.53008	4.58307E-06	2.2632E-03
610413.43	4206148.03	13587.66415	0.00239	0.52644	4.55160E-06	2.3905E-03
610420.43	4206148.03	14380.17117	0.00253	0.52273	4.51952E-06	2.5296E-03
610427.43	4206148.03	15239.3309	0.00268	0.51873	4.48494E-06	2.6805E-03
610434.43	4206148.03	16175.42855	0.00284	0.51451	4.44845E-06	2.8448E-03
610441.43	4206148.03	17193.87907	0.00302	0.50999	4.40937E-06	3.0236E-03
610448.43	4206148.03	18307.65569	0.00321	0.50521	4.36804E-06	3.2192E-03
610455.43	4206148.03	19524.18887	0.00343	0.50011	4.32395E-06	3.4327E-03
610462.43	4206148.03	20859.97264	0.00366	0.49473	4.27743E-06	3.6672E-03
610469.43	4206148.03	22327.5567	0.00392	0.48903	4.22815E-06	3.9249E-03
610476.43	4206148.03	23940.84472	0.00420	0.48299	4.17593E-06	4.2081E-03
610483.43	4206148.03	25724.1084	0.00452	0.47662	4.12085E-06	4.5212E-03
610497.43	4206148.03	29886.05228	0.00525	0.46278	4.00119E-06	5.2519E-03
610504.43	4206148.03	32320.74728	0.00568	0.45530	3.93652E-06	5.6794E-03

610511.43	4206148.03	35036.9866	0.00615	0.44743	3.86848E-06	6.1563E-03
610518.43	4206148.03	38076.85037	0.00669	0.43916	3.79698E-06	6.6900E-03
610525.43	4206148.03	41490.85426	0.00729	0.43049	3.72201E-06	7.2894E-03
610532.43	4206148.03	45339.60849	0.00796	0.42142	3.64360E-06	7.9652E-03
610539.43	4206148.03	49697.26134	0.00873	0.41195	3.56172E-06	8.7303E-03
610546.43	4206148.03	54655.17551	0.00960	0.40208	3.47638E-06	9.6008E-03
610553.43	4206148.03	60328.0319	0.01059	0.39182	3.38767E-06	1.0597E-02
610560.43	4206148.03	66861.93663	0.01174	0.38120	3.29585E-06	1.1744E-02
610567.43	4206148.03	74434.45227	0.01307	0.37021	3.20083E-06	1.3074E-02
610574.43	4206148.03	83316.67979	0.01463	0.35891	3.10313E-06	1.4633E-02
610581.43	4206148.03	93836.33955	0.01648	0.34731	3.00284E-06	1.6480E-02
610588.43	4206148.03	106451.2471	0.01869	0.33546	2.90039E-06	1.8696E-02
610595.43	4206148.03	121741.9516	0.02138	0.32341	2.79620E-06	2.1380E-02
610602.43	4206148.03	140509.9121	0.02467	0.31119	2.69055E-06	2.4676E-02
610609.43	4206148.03	163192.4044	0.02866	0.29887	2.58403E-06	2.8659E-02
610616.43	4206148.03	187050.9419	0.03285	0.28651	2.47716E-06	3.2848E-02
610770.43	4206148.03	313408.8815	0.05503	0.09903	8.56213E-07	5.5035E-02
610777.43	4206148.03	296426.8163	0.05205	0.09543	8.25087E-07	5.2053E-02
610784.43	4206148.03	269670.192	0.04735	0.09209	7.96210E-07	4.7354E-02
610791.43	4206148.03	240954.7404	0.04231	0.08898	7.69321E-07	4.2312E-02
610798.43	4206148.03	215059.5523	0.03776	0.08607	7.44161E-07	3.7765E-02
610805.43	4206148.03	192737.7409	0.03384	0.08334	7.20557E-07	3.3845E-02
610812.43	4206148.03	173614.1773	0.03049	0.08078	6.98423E-07	3.0487E-02
610840.43	4206148.03	119333.3458	0.02095	0.07188	6.21474E-07	2.0955E-02
610847.43	4206148.03	109575.4751	0.01924	0.06994	6.04701E-07	1.9242E-02
610854.43	4206148.03	100884.9307	0.01772	0.06810	5.88792E-07	1.7716E-02
610861.43	4206148.03	93111.15899	0.01635	0.06634	5.73575E-07	1.6351E-02
610868.43	4206148.03	86130.28295	0.01512	0.06466	5.59050E-07	1.5125E-02
610875.43	4206148.03	79840.6208	0.01402	0.06306	5.45216E-07	1.4020E-02
610882.43	4206148.03	74156.66798	0.01302	0.06153	5.31988E-07	1.3022E-02
610889.43	4206148.03	69005.86124	0.01212	0.06007	5.19365E-07	1.2118E-02
610896.43	4206148.03	64327.02652	0.01130	0.05867	5.07261E-07	1.1296E-02
610903.43	4206148.03	60066.86486	0.01055	0.05732	4.95588E-07	1.0548E-02
610910.43	4206148.03	56179.83417	0.00987	0.05604	4.84522E-07	9.8655E-03
610917.43	4206148.03	52625.90888	0.00924	0.05480	4.73801E-07	9.2415E-03
610924.43	4206148.03	49370.14803	0.00867	0.05362	4.63598E-07	8.6698E-03
610931.43	4206148.03	46382.4337	0.00814	0.05248	4.53742E-07	8.1451E-03
610952.43	4206148.03	38773.02439	0.00681	0.04931	4.26334E-07	6.8089E-03
610959.43	4206148.03	36617.52543	0.00643	0.04833	4.17861E-07	6.4304E-03
610966.43	4206148.03	34623.27708	0.00608	0.04739	4.09734E-07	6.0802E-03
610973.43	4206148.03	32775.3999	0.00576	0.04648	4.01866E-07	5.7557E-03
610980.43	4206148.03	31060.70026	0.00545	0.04560	3.94257E-07	5.4546E-03
610987.43	4206148.03	29467.43767	0.00517	0.04475	3.86908E-07	5.1748E-03
610994.43	4206148.03	27985.02215	0.00491	0.04392	3.79732E-07	4.9145E-03
611001.43	4206148.03	26603.88565	0.00467	0.04313	3.72902E-07	4.6720E-03
611008.43	4206148.03	25315.69688	0.00445	0.04236	3.66244E-07	4.4457E-03
611015.43	4206148.03	24112.43869	0.00423	0.04161	3.59760E-07	4.2345E-03
611029.43	4206148.03	21934.05151	0.00385	0.04018	3.47396E-07	3.8519E-03
611036.43	4206148.03	20946.93234	0.00368	0.03950	3.41517E-07	3.6786E-03
611043.43	4206148.03	20020.77628	0.00352	0.03884	3.35810E-07	3.5159E-03
611050.43	4206148.03	19150.91439	0.00336	0.03820	3.30277E-07	3.3632E-03
611057.43	4206148.03	18333.02416	0.00322	0.03758	3.24916E-07	3.2196E-03
611064.43	4206148.03	17563.3401	0.00308	0.03697	3.19642E-07	3.0844E-03
611071.43	4206148.03	16838.24598	0.00296	0.03638	3.14541E-07	2.9571E-03
611078.43	4206148.03	16154.50778	0.00284	0.03580	3.09527E-07	2.8370E-03
611085.43	4206148.03	15509.14239	0.00272	0.03525	3.04771E-07	2.7237E-03
611092.43	4206148.03	14899.49892	0.00262	0.03470	3.00016E-07	2.6166E-03
610294.43	4206155.03	6082.27496	0.00107	0.59891	5.17817E-06	1.0732E-03
610301.43	4206155.03	6320.99133	0.00111	0.59748	5.16581E-06	1.1151E-03
610308.43	4206155.03	6573.99942	0.00115	0.59598	5.15284E-06	1.1595E-03
610315.43	4206155.03	6842.45131	0.00120	0.59440	5.13918E-06	1.2067E-03
610322.43	4206155.03	7127.58815	0.00125	0.59273	5.12474E-06	1.2567E-03
610329.43	4206155.03	7430.79914	0.00130	0.59096	5.10944E-06	1.3099E-03
610336.43	4206155.03	7753.61404	0.00136	0.58908	5.09318E-06	1.3666E-03
610343.43	4206155.03	8097.74633	0.00142	0.58710	5.07606E-06	1.4270E-03
610350.43	4206155.03	8465.02556	0.00149	0.58498	5.05773E-06	1.4915E-03
610357.43	4206155.03	8857.60228	0.00156	0.58274	5.03837E-06	1.5604E-03
610364.43	4206155.03	9277.72204	0.00163	0.58035	5.01770E-06	1.6342E-03
610371.43	4206155.03	9728.01822	0.00171	0.57781	4.99574E-06	1.7132E-03
610378.43	4206155.03	10211.28192	0.00179	0.57510	4.97231E-06	1.7981E-03
610385.43	4206155.03	10730.74223	0.00188	0.57222	4.94741E-06	1.8892E-03
610392.43	4206155.03	11289.95361	0.00198	0.56916	4.92095E-06	1.9874E-03
610399.43	4206155.03	11893.0303	0.00209	0.56591	4.89286E-06	2.0933E-03
610406.43	4206155.03	12544.28891	0.00220	0.56245	4.86294E-06	2.2076E-03
610413.43	4206155.03	13248.85836	0.00233	0.55878	4.83121E-06	2.3313E-03
610420.43	4206155.03	14017.96811	0.00246	0.55502	4.79870E-06	2.4663E-03
610427.43	4206155.03	14853.25893	0.00261	0.55099	4.76386E-06	2.6130E-03
610434.43	4206155.03	15762.29048	0.00277	0.54670	4.72677E-06	2.7726E-03
610441.43	4206155.03	16751.72604	0.00294	0.54210	4.68699E-06	2.9463E-03
610448.43	4206155.03	17834.37442	0.00313	0.53723	4.64489E-06	3.1363E-03
610455.43	4206155.03	19019.53303	0.00334	0.53206	4.60019E-06	3.3444E-03
610462.43	4206155.03	20319.82264	0.00357	0.52657	4.55272E-06	3.5727E-03
610469.43	4206155.03	21749.54118	0.00382	0.52075	4.50240E-06	3.8237E-03
610476.43	4206155.03	23325.11542	0.00410	0.51457	4.44897E-06	4.1003E-03
610483.43	4206155.03	25065.7293	0.00440	0.50803	4.39242E-06	4.4059E-03
610497.43	4206155.03	29144.56739	0.00512	0.49383	4.26965E-06	5.1220E-03
610504.43	4206155.03	31533.53397	0.00554	0.48610	4.20282E-06	5.5414E-03
610511.43	4206155.03	34206.50884	0.00601	0.47796	4.13244E-06	6.0107E-03
610518.43	4206155.03	37202.6761	0.00653	0.46937	4.05817E-06	6.5368E-03
610525.43	4206155.03	40573.02567	0.00712	0.46033	3.98001E-06	7.1285E-03
610532.43	4206155.03	44372.74698	0.00779	0.45084	3.89796E-06	7.7957E-03
610539.43	4206155.03	48687.79945	0.00855	0.44090	3.81202E-06	8.5533E-03
610546.43	4206155.03	53605.26028	0.00941	0.43052	3.72227E-06	9.4167E-03
610553.43	4206155.03	59231.88843	0.01040	0.41968	3.62855E-06	1.0405E-02
610560.43	4206155.03	65731.32399	0.01154	0.40841	3.53111E-06	1.1546E-02
610567.43	4206155.03	73263.52619	0.01286	0.39672	3.43004E-06	1.2868E-02
610574.43	4206155.03	82096.01931	0.01442	0.38465	3.32568E-06	1.4419E-02
610581.43	4206155.03	92565.4936	0.01625	0.37222	3.21821E-06	1.6258E-02
610588.43	4206155.03	105127.6751	0.01846	0.35948	3.10806E-06	1.8463E-02
610595.43	4206155.03	120386.9187	0.02114	0.34648	2.99566E-06	2.1143E-02
610602.43	4206155.03	139071.0871	0.02442	0.33327	2.88145E-06	2.4423E-02
610609.43	4206155.03	161683.5219	0.02839	0.31991	2.76594E-06	2.8394E-02
610616.43	4206155.03	185527.7286	0.03258	0.30648	2.64982E-06	3.2581E-02
610770.43	4206155.03	315399.9179	0.05538	0.10331	8.93218E-07	5.5384E-02
610777.43	4206155.03	298359.0906	0.05239	0.09952	8.60449E-07	5.2392E-02
610784.43	4206155.03	271618.6504	0.04770	0.09600	8.30016E-07	4.7696E-02
610791.43	4206155.03	243089.62	0.04269	0.09272	8.01657E-07	4.2687E-02
610798.43	4206155.03	217387.9439	0.03817	0.08965	7.75113E-07	3.8174E-02
610805.43	4206155.03	195231.1943	0.03428	0.08678	7.50299E-07	3.4283E-02
610812.43	4206155.03	176238.3067	0.03095	0.08409	7.27042E-07	3.0948E-02
610840.43	4206155.03	122187.6725	0.02146	0.07473	6.46115E-07	2.1457E-02
610847.43	4206155.03	112426.0523	0.01974	0.07269	6.28477E-07	1.9742E-02
610854.43	4206155.03	103712.9392	0.01821	0.07075	6.11704E-07	1.8212E-02
610861.43	4206155.03	95899.92499	0.01684	0.06891	5.95796E-07	1.6840E-02
610868.43	4206155.03	88867.15557	0.01560	0.06715	5.80579E-07	1.5605E-02
610875.43	4206155.03	82514.61757	0.01449	0.06547	5.66053E-07	1.4490E-02
610882.43	4206155.03	76759.28675	0.01348	0.06387	5.52220E-07	1.3479E-02
610889.43	4206155.03	71531.15412	0.01256	0.06234	5.38991E-07	1.2561E-02
610896.43	4206155.03	66770.03643	0.01172	0.06088	5.26368E-07	1.1725E-02
610903.43	4206155.03	62424.9313	0.01096	0.05947	5.14177E-07	1.0962E-02
610910.43	4206155.03	58451.19752	0.01026	0.05813	5.02592E-07	1.0264E-02
610917.43	4206155.03	54810.00796	0.00962	0.05684	4.91438E-07	9.6250E-03
610924.43	4206155.03	51467.59579	0.00904	0.05560	4.80717E-07	9.0381E-03
610931.43	4206155.03	48394.00391	0.00850	0.05441	4.70429E-07	8.4984E-03
610952.43	4206155.03	40538.65731	0.00712	0.05110	4.41810E-07	7.1189E-03
610959.43	4206155.03	38306.07288	0.00673	0.05008	4.32991E-07	6.7269E-03
610966.43	4206155.03	36237.47265	0.00636	0.04909	4.24432E-07	6.3636E-03
610973.43	4206155.03	34318.08179	0.00603	0.04814	4.16218E-07	6.0266E-03
610980.43	4206155.03	32534.78095	0.00571	0.04722	4.08264E-07	5.7134E-03
610987.43	4206155.03	30875.86395	0.00542	0.04633	4.00569E-07	5.4221E-03
610994.43	4206155.03	29330.61072	0.00515	0.04547	3.93133E-07	5.1508E-03
611001.43	4206155.03	27889.50873	0.00490	0.04464	3.85957E-07	4.8977E-03
611008.43	4206155.03	26544.00312	0.00466	0.04383	3.78954E-07	4.6614E-03
611015.43	4206155.03	25286.17877	0.00444	0.04305	3.72210E-07	4.4406E-03
611029.43	4206155.03	23006.48025	0.00404	0.04156	3.59328E-07	4.0402E-03
611036.43	4206155.03	21972.32915	0.00386	0.04085	3.53189E-07	3.8586E-03
611043.43	4206155.03	21001.48479	0.00369	0.04016	3.47223E-07	3.6882E-03
611050.43	4206155.03	20089.08499	0.00353	0.03949	3.41430E-07	3.5279E-03
611057.43	4206155.03	19230.83939	0.00338	0.03884	3.35810E-07	3.3772E-03
611064.43	4206155.03	18422.71031	0.00323	0.03821	3.30363E-07	3.2353E-03
611071.43	4206155.03	17661.0417	0.00310	0.03759	3.25003E-07	3.1016E-03
611078.43	4206155.03	16942.62614	0.00298	0.03699	3.19815E-07	2.9754E-03
611085.43	4206155.03	16264.25793	0.00286	0.03640	3.14714E-07	2.8563E-03
611092.43	4206155.03	15623.28575	0.00274	0.03584	3.09872E-07	2.7437E-03
610294.43	4206162.03	5955.80359	0.00105	0.63417	5.48303E-06	1.0513E-03
610301.43	4206162.03	6187.65468	0.00109	0.63277	5.47093E-06	1.0920E-03
610308.43	4206162.03	6433.32963	0.00113	0.63129	5.45813E-06	1.1351E-03
610315.43	4206162.03	6693.88933	0.00118	0.62974	5.44473E-06	1.1809E-03
610322.43	4206162.03	6970.60794	0.00122	0.62810	5.43055E-06	1.2295E-03

610329.43	4206162.03	7264.78479	0.00128	0.62636	5.41551E-06	1.2811E-03
610336.43	4206162.03	7577.92175	0.00133	0.62451	5.39951E-06	1.3361E-03
610343.43	4206162.03	7911.68923	0.00139	0.62255	5.38256E-06	1.3947E-03
610350.43	4206162.03	8267.85587	0.00145	0.62046	5.36449E-06	1.4572E-03
610357.43	4206162.03	8648.42821	0.00152	0.61823	5.34521E-06	1.5240E-03
610364.43	4206162.03	9055.69796	0.00159	0.61586	5.32472E-06	1.5955E-03
610371.43	4206162.03	9492.17869	0.00167	0.61333	5.30285E-06	1.6721E-03
610378.43	4206162.03	9960.57761	0.00175	0.61063	5.27950E-06	1.7543E-03
610385.43	4206162.03	10464.11016	0.00184	0.60775	5.25460E-06	1.8427E-03
610392.43	4206162.03	11006.11395	0.00193	0.60468	5.22806E-06	1.9379E-03
610399.43	4206162.03	11590.66984	0.00204	0.60142	5.19987E-06	2.0405E-03
610406.43	4206162.03	12222.08634	0.00215	0.59794	5.16979E-06	2.1513E-03
610413.43	4206162.03	12905.28408	0.00227	0.59425	5.13788E-06	2.2713E-03
610420.43	4206162.03	13649.97987	0.00240	0.59043	5.10485E-06	2.4020E-03
610427.43	4206162.03	14459.01879	0.00254	0.58634	5.06949E-06	2.5440E-03
610434.43	4206162.03	15339.6482	0.00269	0.58198	5.03180E-06	2.6986E-03
610441.43	4206162.03	16301.83416	0.00286	0.57736	4.99185E-06	2.8676E-03
610448.43	4206162.03	17351.89603	0.00305	0.57242	4.94914E-06	3.0519E-03
610455.43	4206162.03	18502.01014	0.00325	0.56715	4.90358E-06	3.2538E-03
610462.43	4206162.03	19764.53527	0.00347	0.56156	4.85525E-06	3.4755E-03
610469.43	4206162.03	21153.81078	0.00371	0.55561	4.80380E-06	3.7194E-03
610476.43	4206162.03	22686.19526	0.00398	0.54930	4.74925E-06	3.9884E-03
610483.43	4206162.03	24380.55438	0.00428	0.54260	4.69132E-06	4.2859E-03
610497.43	4206162.03	28367.42698	0.00498	0.52803	4.56534E-06	4.9858E-03
610504.43	4206162.03	30712.75567	0.00539	0.52009	4.49670E-06	5.3976E-03
610511.43	4206162.03	33333.05759	0.00585	0.51166	4.42381E-06	5.8576E-03
610518.43	4206162.03	36279.20982	0.00637	0.50276	4.34686E-06	6.3749E-03
610525.43	4206162.03	39593.54538	0.00695	0.49335	4.26550E-06	6.9568E-03
610532.43	4206162.03	43347.8674	0.00761	0.48344	4.17982E-06	7.6160E-03
610539.43	4206162.03	47606.29117	0.00836	0.47302	4.08973E-06	8.3636E-03
610546.43	4206162.03	52474.37148	0.00921	0.46209	3.99523E-06	9.2184E-03
610553.43	4206162.03	58054.26289	0.01019	0.45064	3.89623E-06	1.0198E-02
610560.43	4206162.03	64500.71125	0.01133	0.43869	3.79291E-06	1.1330E-02
610567.43	4206162.03	71971.25796	0.01264	0.42625	3.68536E-06	1.2642E-02
610574.43	4206162.03	80741.61542	0.01418	0.41335	3.57382E-06	1.4182E-02
610581.43	4206162.03	91147.8093	0.01601	0.40002	3.45857E-06	1.6009E-02
610588.43	4206162.03	103663.1355	0.01820	0.38631	3.34003E-06	1.8206E-02
610595.43	4206162.03	118854.3002	0.02087	0.37227	3.21864E-06	2.0874E-02
610602.43	4206162.03	137449.9479	0.02414	0.35796	3.09492E-06	2.4139E-02
610609.43	4206162.03	160002.4152	0.02810	0.34345	2.96947E-06	2.8099E-02
610616.43	4206162.03	183821.575	0.03228	0.32881	2.84289E-06	3.2282E-02
610770.43	4206162.03	317143.9162	0.05569	0.10795	9.33335E-07	5.5691E-02
610777.43	4206162.03	299883.8584	0.05266	0.10393	8.98578E-07	5.2660E-02
610784.43	4206162.03	273156.3763	0.04797	0.10021	8.66415E-07	4.7967E-02
610791.43	4206162.03	244842.1468	0.04299	0.09675	8.36500E-07	4.2995E-02
610798.43	4206162.03	219339.2926	0.03852	0.09352	8.08573E-07	3.8516E-02
610805.43	4206162.03	197354.8387	0.03466	0.09049	7.82376E-07	3.4656E-02
610812.43	4206162.03	178503.977	0.03134	0.08765	7.57821E-07	3.1346E-02
610833.43	4206162.03	135701.3139	0.02383	0.08006	6.92198E-07	2.3830E-02
610840.43	4206162.03	124742.6891	0.02190	0.07780	6.72658E-07	2.1905E-02
610847.43	4206162.03	114996.1364	0.02019	0.07566	6.54156E-07	2.0194E-02
610854.43	4206162.03	106280.6645	0.01866	0.07362	6.36518E-07	1.8663E-02
610861.43	4206162.03	98449.66076	0.01729	0.07168	6.19745E-07	1.7288E-02
610868.43	4206162.03	91384.89705	0.01605	0.06984	6.03836E-07	1.6048E-02
610875.43	4206162.03	84989.19332	0.01492	0.06808	5.88619E-07	1.4925E-02
610882.43	4206162.03	79181.74253	0.01390	0.06640	5.74094E-07	1.3905E-02
610889.43	4206162.03	73893.86686	0.01298	0.06479	5.60174E-07	1.2976E-02
610896.43	4206162.03	69067.99899	0.01213	0.06326	5.46946E-07	1.2129E-02
610903.43	4206162.03	64653.4532	0.01135	0.06178	5.34150E-07	1.1354E-02
610910.43	4206162.03	60607.71182	0.01064	0.06038	5.22045E-07	1.0643E-02
610917.43	4206162.03	56892.8043	0.00999	0.05902	5.10287E-07	9.9908E-03
610924.43	4206162.03	53475.63033	0.00939	0.05773	4.99133E-07	9.3907E-03
610931.43	4206162.03	50327.39536	0.00884	0.05648	4.88326E-07	8.8379E-03
610952.43	4206162.03	42253.09745	0.00742	0.05302	4.58411E-07	7.4200E-03
610959.43	4206162.03	39950.59065	0.00702	0.05195	4.49159E-07	7.0157E-03
610966.43	4206162.03	37814.02276	0.00664	0.05092	4.40254E-07	6.6405E-03
610973.43	4206162.03	35828.8213	0.00629	0.04992	4.31608E-07	6.2919E-03
610980.43	4206162.03	33981.95604	0.00597	0.04896	4.23308E-07	5.9676E-03
610987.43	4206162.03	32261.75695	0.00567	0.04803	4.15267E-07	5.6655E-03
610994.43	4206162.03	30657.59608	0.00538	0.04713	4.07486E-07	5.3838E-03
611001.43	4206162.03	29160.01525	0.00512	0.04626	3.99964E-07	5.1208E-03
611008.43	4206162.03	27760.28256	0.00487	0.04541	3.92615E-07	4.8750E-03
611029.43	4206162.03	24073.8954	0.00423	0.04304	3.72124E-07	4.2277E-03
611036.43	4206162.03	22994.52403	0.00404	0.04229	3.65639E-07	4.0382E-03
611043.43	4206162.03	21980.46166	0.00386	0.04157	3.59414E-07	3.8601E-03
611050.43	4206162.03	21026.92729	0.00369	0.04086	3.53275E-07	3.6926E-03
611057.43	4206162.03	20129.42056	0.00353	0.04018	3.47396E-07	3.5350E-03
611064.43	4206162.03	19283.83784	0.00339	0.03952	3.41690E-07	3.3865E-03
611071.43	4206162.03	18486.52837	0.00325	0.03887	3.36070E-07	3.2465E-03
611078.43	4206162.03	17734.09661	0.00311	0.03824	3.30623E-07	3.1144E-03
611085.43	4206162.03	17023.3601	0.00299	0.03763	3.25349E-07	2.9896E-03
611092.43	4206162.03	16351.51598	0.00287	0.03704	3.20248E-07	2.8716E-03
610294.43	4206169.03	5829.34164	0.00102	0.67296	5.81841E-06	1.0294E-03
610301.43	4206169.03	6054.30834	0.00106	0.67159	5.80656E-06	1.0689E-03
610308.43	4206169.03	6292.58729	0.00110	0.67015	5.79411E-06	1.1108E-03
610315.43	4206169.03	6545.2707	0.00115	0.66863	5.78097E-06	1.1551E-03
610322.43	4206169.03	6813.5386	0.00120	0.66702	5.76705E-06	1.2022E-03
610329.43	4206169.03	7098.60936	0.00125	0.66531	5.75227E-06	1.2523E-03
610336.43	4206169.03	7402.00657	0.00130	0.66350	5.73662E-06	1.3055E-03
610343.43	4206169.03	7725.25472	0.00136	0.66156	5.71984E-06	1.3623E-03
610350.43	4206169.03	8070.16858	0.00142	0.65950	5.70203E-06	1.4228E-03
610357.43	4206169.03	8438.68631	0.00148	0.65729	5.68293E-06	1.4875E-03
610364.43	4206169.03	8832.93392	0.00155	0.65493	5.66252E-06	1.5567E-03
610371.43	4206169.03	9255.30372	0.00163	0.65241	5.64073E-06	1.6309E-03
610378.43	4206169.03	9708.60623	0.00170	0.64972	5.61748E-06	1.7104E-03
610385.43	4206169.03	10195.82401	0.00179	0.64684	5.59258E-06	1.7960E-03
610392.43	4206169.03	10720.292	0.00188	0.64377	5.56603E-06	1.8880E-03
610399.43	4206169.03	11285.88774	0.00198	0.64050	5.53776E-06	1.9873E-03
610406.43	4206169.03	11896.87595	0.00209	0.63701	5.50759E-06	2.0946E-03
610413.43	4206169.03	12558.08832	0.00221	0.63329	5.47542E-06	2.2106E-03
610420.43	4206169.03	13278.89291	0.00233	0.62945	5.44222E-06	2.3372E-03
610427.43	4206169.03	14060.88939	0.00247	0.62530	5.40634E-06	2.4745E-03
610434.43	4206169.03	14912.18881	0.00262	0.62087	5.36804E-06	2.6239E-03
610441.43	4206169.03	15842.67145	0.00278	0.61618	5.32749E-06	2.7873E-03
610448.43	4206169.03	16858.43831	0.00296	0.61115	5.28400E-06	2.9656E-03
610455.43	4206169.03	17971.5587	0.00316	0.60580	5.23774E-06	3.1610E-03
610462.43	4206169.03	19196.32535	0.00337	0.60013	5.18872E-06	3.3760E-03
610469.43	4206169.03	20542.81852	0.00361	0.59407	5.13633E-06	3.6124E-03
610476.43	4206169.03	22031.49563	0.00387	0.58764	5.08073E-06	3.8738E-03
610483.43	4206169.03	23676.69764	0.00416	0.58079	5.02151E-06	4.1626E-03
610497.43	4206169.03	27564.0297	0.00484	0.56587	4.89251E-06	4.8451E-03
610504.43	4206169.03	29853.36336	0.00524	0.55770	4.82187E-06	5.2470E-03
610511.43	4206169.03	32423.02887	0.00569	0.54901	4.74674E-06	5.6982E-03
610518.43	4206169.03	35308.39613	0.00620	0.53978	4.66694E-06	6.2047E-03
610525.43	4206169.03	38564.85246	0.00677	0.53001	4.58246E-06	6.7765E-03
610532.43	4206169.03	42254.44905	0.00742	0.51966	4.49298E-06	7.4243E-03
610539.43	4206169.03	46453.437	0.00816	0.50875	4.39865E-06	8.1615E-03
610546.43	4206169.03	51255.11411	0.00900	0.49725	4.29922E-06	9.0046E-03
610553.43	4206169.03	56777.03229	0.00997	0.48517	4.19478E-06	9.9741E-03
610560.43	4206169.03	63168.73616	0.01109	0.47251	4.08532E-06	1.1096E-02
610567.43	4206169.03	70566.2388	0.01239	0.45927	3.97085E-06	1.2395E-02
610574.43	4206169.03	79275.89078	0.01392	0.44549	3.85170E-06	1.3925E-02
610581.43	4206169.03	89609.47427	0.01574	0.43119	3.72807E-06	1.5739E-02
610588.43	4206169.03	102051.0263	0.01792	0.41642	3.60037E-06	1.7924E-02
610595.43	4206169.03	117159.6772	0.02057	0.40123	3.46903E-06	2.0576E-02
610602.43	4206169.03	135695.3536	0.02383	0.38570	3.33476E-06	2.3831E-02
610609.43	4206169.03	158070.1401	0.02776	0.36990	3.19815E-06	2.7760E-02
610616.43	4206169.03	181933.462	0.03195	0.35391	3.05990E-06	3.1950E-02
610770.43	4206169.03	318528.9122	0.05593	0.11297	9.76738E-07	5.5934E-02
610777.43	4206169.03	301063.1048	0.05287	0.10872	9.39993E-07	5.2867E-02
610784.43	4206169.03	274365.2286	0.04818	0.10479	9.06014E-07	4.8179E-02
610791.43	4206169.03	246258.8224	0.04324	0.10112	8.74283E-07	4.3243E-02
610798.43	4206169.03	220951.0952	0.03880	0.09771	8.44800E-07	3.8799E-02
610805.43	4206169.03	199152.5938	0.03497	0.09451	8.17133E-07	3.4972E-02
610812.43	4206169.03	180447.5228	0.03169	0.09151	7.91195E-07	3.1687E-02
610833.43	4206169.03	137929.347	0.02422	0.08350	7.21941E-07	2.4221E-02
610840.43	4206169.03	127020.7142	0.02230	0.08112	7.01363E-07	2.2305E-02
610847.43	4206169.03	117305.1018	0.02060	0.07886	6.81823E-07	2.0599E-02
610854.43	4206169.03	108602.8864	0.01907	0.07672	6.63321E-07	1.9071E-02
610861.43	4206169.03	100770.3053	0.01770	0.07468	6.45683E-07	1.7696E-02
610868.43	4206169.03	93690.693	0.01645	0.07274	6.28910E-07	1.6453E-02
610875.43	4206169.03	87268.98315	0.01532	0.07089	6.12915E-07	1.5325E-02
610882.43	4206169.03	81425.72747	0.01430	0.06912	5.97611E-07	1.4299E-02
610889.43	4206169.03	76094.46373	0.01336	0.06743	5.82999E-07	1.3363E-02
610896.43	4206169.03	71218.46709	0.01251	0.06582	5.69079E-07	1.2506E-02
610903.43	4206169.03	66749.48668	0.01172	0.06428	5.55765E-07	1.1722E-02
610910.43	4206169.03	62644.90351	0.01100	0.06280	5.42968E-07	1.1001E-02
610917.43	4206169.03	58868.70696	0.01034	0.06138	5.30691E-07	1.0338E-02
610924.43	4206169.03	55388.63157	0.00973	0.06002	5.18933E-07	9.7266E-03

610945.43	4206169.03	46457.75985	0.00816	0.05624	4.86251E-07	8.1584E-03
610952.43	4206169.03	43909.49382	0.00771	0.05508	4.76221E-07	7.7109E-03
610959.43	4206169.03	41544.33561	0.00730	0.05396	4.66538E-07	7.2956E-03
610966.43	4206169.03	39346.28082	0.00691	0.05287	4.57114E-07	6.9096E-03
610973.43	4206169.03	37301.0999	0.00655	0.05183	4.48122E-07	6.5504E-03
610980.43	4206169.03	35395.90381	0.00622	0.05082	4.39389E-07	6.2159E-03
610987.43	4206169.03	33619.16857	0.00590	0.04984	4.30916E-07	5.9039E-03
610994.43	4206169.03	31960.25708	0.00561	0.04890	4.22789E-07	5.6126E-03
611001.43	4206169.03	30409.89674	0.00534	0.04798	4.14835E-07	5.3403E-03
611008.43	4206169.03	28959.2361	0.00509	0.04710	4.07226E-07	5.0856E-03
611036.43	4206169.03	24009.1948	0.00422	0.04382	3.78868E-07	4.2163E-03
611043.43	4206169.03	22953.7429	0.00403	0.04306	3.72297E-07	4.0310E-03
611050.43	4206169.03	21960.58474	0.00386	0.04232	3.65899E-07	3.8566E-03
611057.43	4206169.03	21025.16768	0.00369	0.04161	3.59760E-07	3.6923E-03
611064.43	4206169.03	20143.37466	0.00354	0.04091	3.53708E-07	3.5375E-03
611071.43	4206169.03	19311.46591	0.00339	0.04023	3.47828E-07	3.3914E-03
611078.43	4206169.03	18525.94966	0.00325	0.03957	3.42122E-07	3.2535E-03
611085.43	4206169.03	17783.66858	0.00312	0.03893	3.36589E-07	3.1231E-03
611092.43	4206169.03	17081.63671	0.00300	0.03831	3.31228E-07	2.9998E-03
610294.43	4206176.03	5703.14787	0.00100	0.71585	6.18924E-06	1.0076E-03
610301.43	4206176.03	5921.21748	0.00104	0.71451	6.17765E-06	1.0459E-03
610308.43	4206176.03	6152.07806	0.00108	0.71310	6.16546E-06	1.0865E-03
610315.43	4206176.03	6396.83798	0.00112	0.71161	6.15258E-06	1.1294E-03
610322.43	4206176.03	6656.58229	0.00117	0.71004	6.13900E-06	1.1750E-03
610329.43	4206176.03	6932.55566	0.00122	0.70837	6.12456E-06	1.2235E-03
610336.43	4206176.03	7226.17374	0.00127	0.70659	6.10917E-06	1.2750E-03
610343.43	4206176.03	7538.92018	0.00132	0.70468	6.09266E-06	1.3299E-03
610350.43	4206176.03	7872.49259	0.00138	0.70265	6.07511E-06	1.3885E-03
610357.43	4206176.03	8228.75139	0.00144	0.70046	6.05617E-06	1.4510E-03
610364.43	4206176.03	8609.83726	0.00151	0.69812	6.03594E-06	1.5179E-03
610371.43	4206176.03	9018.07831	0.00158	0.69561	6.01424E-06	1.5896E-03
610378.43	4206176.03	9456.06718	0.00166	0.69293	5.99107E-06	1.6665E-03
610385.43	4206176.03	9926.74487	0.00174	0.69005	5.96617E-06	1.7491E-03
610392.43	4206176.03	10433.36317	0.00183	0.68698	5.93963E-06	1.8380E-03
610399.43	4206176.03	10979.66455	0.00193	0.68369	5.91118E-06	1.9339E-03
610406.43	4206176.03	11569.75562	0.00203	0.68018	5.88083E-06	2.0375E-03
610413.43	4206176.03	12208.41797	0.00214	0.67644	5.84850E-06	2.1496E-03
610420.43	4206176.03	12903.48847	0.00227	0.67254	5.81478E-06	2.2716E-03
610427.43	4206176.03	13657.43247	0.00240	0.66833	5.77838E-06	2.4040E-03
610434.43	4206176.03	14479.9989	0.00254	0.66387	5.73982E-06	2.5484E-03
610441.43	4206176.03	15377.68644	0.00270	0.65911	5.69866E-06	2.7060E-03
610448.43	4206176.03	16357.82748	0.00287	0.65400	5.65448E-06	2.8781E-03
610455.43	4206176.03	17434.26879	0.00306	0.64858	5.60762E-06	3.0670E-03
610462.43	4206176.03	18617.48583	0.00327	0.64281	5.55773E-06	3.2747E-03
610469.43	4206176.03	19918.82038	0.00350	0.63664	5.50439E-06	3.5032E-03
610476.43	4206176.03	21358.78515	0.00375	0.63009	5.44776E-06	3.7560E-03
610483.43	4206176.03	22954.11428	0.00403	0.62311	5.38741E-06	4.0361E-03
610497.43	4206176.03	26733.61572	0.00469	0.60787	5.25564E-06	4.6996E-03
610504.43	4206176.03	28965.68833	0.00509	0.59948	5.18310E-06	5.0915E-03
610511.43	4206176.03	31470.85115	0.00553	0.59053	5.10572E-06	5.5313E-03
610518.43	4206176.03	34292.83451	0.00602	0.58100	5.02332E-06	6.0268E-03
610525.43	4206176.03	37483.68624	0.00658	0.57085	4.93557E-06	6.5870E-03
610532.43	4206176.03	41100.31122	0.00722	0.56007	4.84236E-06	7.2220E-03
610539.43	4206176.03	45230.28993	0.00794	0.54865	4.74363E-06	7.9471E-03
610546.43	4206176.03	49962.92123	0.00877	0.53658	4.63927E-06	8.7780E-03
610553.43	4206176.03	55416.94963	0.00973	0.52384	4.52912E-06	9.7356E-03
610560.43	4206176.03	61723.46671	0.01084	0.51043	4.41318E-06	1.0843E-02
610567.43	4206176.03	69045.71137	0.01212	0.49634	4.29135E-06	1.2129E-02
610574.43	4206176.03	77668.7503	0.01364	0.48161	4.16400E-06	1.3643E-02
610581.43	4206176.03	87929.1082	0.01544	0.46627	4.03137E-06	1.5444E-02
610588.43	4206176.03	100282.9684	0.01761	0.45035	3.89372E-06	1.7613E-02
610595.43	4206176.03	115322.2661	0.02025	0.43391	3.75158E-06	2.0254E-02
610602.43	4206176.03	133726.5833	0.02348	0.41702	3.60555E-06	2.3486E-02
610609.43	4206176.03	155950.9677	0.02738	0.39977	3.45641E-06	2.7388E-02
610616.43	4206176.03	179807.8209	0.03157	0.38226	3.30502E-06	3.1577E-02
610770.43	4206176.03	319632.3202	0.05613	0.11844	1.02403E-06	5.6128E-02
610777.43	4206176.03	301987.9647	0.05303	0.11393	9.85038E-07	5.3029E-02
610784.43	4206176.03	275280.5081	0.04834	0.10976	9.48984E-07	4.8340E-02
610791.43	4206176.03	247375.778	0.04344	0.10588	9.15438E-07	4.3440E-02
610798.43	4206176.03	222261.5305	0.03903	0.10226	8.84139E-07	3.9030E-02
610805.43	4206176.03	200658.5094	0.03524	0.09887	8.54830E-07	3.5236E-02
610812.43	4206176.03	182104.1562	0.03198	0.09569	8.27335E-07	3.1978E-02
610833.43	4206176.03	139891.889	0.02456	0.08723	7.54190E-07	2.4565E-02
610840.43	4206176.03	129043.514	0.02266	0.08472	7.32489E-07	2.2660E-02
610847.43	4206176.03	119370.3418	0.02096	0.08233	7.11825E-07	2.0962E-02
610854.43	4206176.03	110694.2694	0.01944	0.08007	6.92285E-07	1.9438E-02
610861.43	4206176.03	102873.7684	0.01806	0.07792	6.73696E-07	1.8065E-02
610868.43	4206176.03	95793.53322	0.01682	0.07588	6.56058E-07	1.6822E-02
610875.43	4206176.03	89359.38653	0.01569	0.07393	6.39198E-07	1.5692E-02
610882.43	4206176.03	83494.89027	0.01466	0.07207	6.23117E-07	1.4662E-02
610889.43	4206176.03	78134.14172	0.01372	0.07029	6.07727E-07	1.3721E-02
610896.43	4206176.03	73221.90077	0.01286	0.06860	5.93115E-07	1.2858E-02
610903.43	4206176.03	68710.79405	0.01207	0.06697	5.79022E-07	1.2066E-02
610910.43	4206176.03	64560.24816	0.01134	0.06542	5.65621E-07	1.1337E-02
610917.43	4206176.03	60734.12155	0.01066	0.06392	5.52652E-07	1.0665E-02
610924.43	4206176.03	57201.7793	0.01004	0.06249	5.40288E-07	1.0045E-02
610945.43	4206176.03	48105.984	0.00845	0.05852	5.05964E-07	8.4478E-03
610952.43	4206176.03	45502.03311	0.00799	0.05730	4.95416E-07	7.9906E-03
610959.43	4206176.03	43081.15959	0.00756	0.05611	4.85127E-07	7.5654E-03
610966.43	4206176.03	40828.26359	0.00717	0.05497	4.75270E-07	7.1698E-03
610973.43	4206176.03	38728.94259	0.00680	0.05387	4.65760E-07	6.8012E-03
610980.43	4206176.03	36770.79187	0.00646	0.05281	4.56595E-07	6.4573E-03
610987.43	4206176.03	34942.25924	0.00614	0.05178	4.47690E-07	6.1362E-03
610994.43	4206176.03	33233.03524	0.00584	0.05079	4.39130E-07	5.8361E-03
611001.43	4206176.03	31633.65718	0.00555	0.04983	4.30830E-07	5.5552E-03
611008.43	4206176.03	30135.71523	0.00529	0.04890	4.22789E-07	5.2922E-03
611015.43	4206176.03	28731.35348	0.00505	0.04800	4.15008E-07	5.0456E-03
611029.43	4206176.03	26175.75999	0.00460	0.04627	4.00050E-07	4.5968E-03
611036.43	4206176.03	25012.11052	0.00439	0.04545	3.92960E-07	4.3925E-03
611043.43	4206176.03	23917.31455	0.00420	0.04465	3.86044E-07	4.2002E-03
611050.43	4206176.03	22886.27152	0.00402	0.04388	3.79386E-07	4.0192E-03
611057.43	4206176.03	21914.54	0.00385	0.04312	3.72815E-07	3.8485E-03
611064.43	4206176.03	20997.96683	0.00369	0.04239	3.66504E-07	3.6876E-03
611071.43	4206176.03	20132.67637	0.00354	0.04168	3.60365E-07	3.5356E-03
611078.43	4206176.03	19315.20449	0.00339	0.04098	3.54313E-07	3.3921E-03
611085.43	4206176.03	18542.31024	0.00326	0.04031	3.48520E-07	3.2563E-03
611092.43	4206176.03	17810.95981	0.00313	0.03965	3.42814E-07	3.1279E-03
610294.43	4206183.03	5577.33863	0.00098	0.76348	6.60104E-06	9.8597E-04
610301.43	4206183.03	5788.48691	0.00102	0.76218	6.58980E-06	1.0230E-03
610308.43	4206183.03	6011.98739	0.00106	0.76081	6.57796E-06	1.0623E-03
610315.43	4206183.03	6248.85016	0.00110	0.75936	6.56542E-06	1.1038E-03
610322.43	4206183.03	6500.11298	0.00114	0.75783	6.55219E-06	1.1480E-03
610329.43	4206183.03	6766.97452	0.00119	0.75620	6.53810E-06	1.1948E-03
610336.43	4206183.03	7050.7686	0.00124	0.75445	6.52297E-06	1.2446E-03
610343.43	4206183.03	7352.95003	0.00129	0.75258	6.50680E-06	1.2977E-03
610350.43	4206183.03	7675.17671	0.00135	0.75057	6.48942E-06	1.3542E-03
610357.43	4206183.03	8019.20138	0.00141	0.74841	6.47075E-06	1.4146E-03
610364.43	4206183.03	8387.08002	0.00147	0.74609	6.45069E-06	1.4792E-03
610371.43	4206183.03	8781.03445	0.00154	0.74359	6.42908E-06	1.5484E-03
610378.43	4206183.03	9203.59709	0.00162	0.74091	6.40590E-06	1.6225E-03
610385.43	4206183.03	9657.60807	0.00170	0.73804	6.38109E-06	1.7022E-03
610392.43	4206183.03	10146.14858	0.00178	0.73495	6.35437E-06	1.7880E-03
610399.43	4206183.03	10672.9185	0.00187	0.73166	6.32593E-06	1.8805E-03
610406.43	4206183.03	11241.83537	0.00197	0.72813	6.29541E-06	1.9803E-03
610413.43	4206183.03	11857.49346	0.00208	0.72437	6.26290E-06	2.0884E-03
610420.43	4206183.03	12526.33207	0.00220	0.72040	6.22857E-06	2.2058E-03
610427.43	4206183.03	13253.1506	0.00233	0.71616	6.19192E-06	2.3334E-03
610434.43	4206183.03	14044.7246	0.00247	0.71162	6.15266E-06	2.4724E-03
610441.43	4206183.03	14908.58887	0.00262	0.70679	6.11090E-06	2.6240E-03
610448.43	4206183.03	15853.83433	0.00278	0.70163	6.06629E-06	2.7900E-03
610455.43	4206183.03	16890.47601	0.00297	0.69612	6.01865E-06	2.9719E-03
610462.43	4206183.03	18030.21717	0.00317	0.69025	5.96790E-06	3.1720E-03
610469.43	4206183.03	19284.55038	0.00339	0.68397	5.91360E-06	3.3922E-03
610476.43	4206183.03	20675.72657	0.00363	0.67732	5.85611E-06	3.6365E-03
610483.43	4206183.03	22215.63844	0.00390	0.67020	5.79455E-06	3.9068E-03
610497.43	4206183.03	25879.16576	0.00454	0.65467	5.66027E-06	4.5500E-03
610504.43	4206183.03	28043.39578	0.00492	0.64607	5.58592E-06	4.9303E-03
610511.43	4206183.03	30483.96636	0.00535	0.63687	5.50637E-06	5.3584E-03
610518.43	4206183.03	33235.41898	0.00584	0.62703	5.42130E-06	5.8415E-03
610525.43	4206183.03	36347.64984	0.00638	0.61652	5.33043E-06	6.3879E-03
610532.43	4206183.03	39892.99987	0.00701	0.60531	5.23351E-06	7.0104E-03
610539.43	4206183.03	43938.15506	0.00772	0.59338	5.13036E-06	7.7206E-03
610546.43	4206183.03	48590.71317	0.00853	0.58072	5.02090E-06	8.5374E-03
610553.43	4206183.03	53956.21791	0.00947	0.56730	4.90487E-06	9.4795E-03
610560.43	4206183.03	60182.94262	0.01057	0.55311	4.78219E-06	1.0573E-02
610567.43	4206183.03	67406.60205	0.01184	0.53814	4.65276E-06	1.1841E-02
610574.43	4206183.03	75928.883	0.01333	0.52241	4.51675E-06	1.3337E-02
610581.43	4206183.03	86085.60807	0.01512	0.50594	4.37435E-06	1.5121E-02
610588.43	4206183.03	98350.91563	0.01727	0.48877	4.22590E-06	1.7274E-02

610595.43	4206183.03	113282.3401	0.01989	0.47095	4.07183E-06	1.9896E-02
610602.43	4206183.03	131594.6909	0.02311	0.45257	3.91292E-06	2.3112E-02
610609.43	4206183.03	153659.9508	0.02698	0.43370	3.74977E-06	2.6986E-02
610616.43	4206183.03	177448.7641	0.03116	0.41448	3.58359E-06	3.1163E-02
610770.43	4206183.03	320329.5784	0.05625	0.12442	1.07573E-06	5.6250E-02
610777.43	4206183.03	302669.3485	0.05315	0.11962	1.03423E-06	5.3149E-02
610784.43	4206183.03	275956.1214	0.04846	0.11518	9.95846E-07	4.8458E-02
610791.43	4206183.03	248227.4351	0.04359	0.11106	9.60224E-07	4.3589E-02
610798.43	4206183.03	223315.266	0.03921	0.10721	9.26937E-07	3.9215E-02
610805.43	4206183.03	201901.7099	0.03545	0.10362	8.95898E-07	3.5454E-02
610812.43	4206183.03	183502.8144	0.03222	0.10025	8.66761E-07	3.2224E-02
610833.43	4206183.03	141611.1094	0.02487	0.09129	7.89293E-07	2.4867E-02
610840.43	4206183.03	130830.3424	0.02297	0.08863	7.66295E-07	2.2974E-02
610847.43	4206183.03	121208.7019	0.02128	0.08611	7.44507E-07	2.1285E-02
610854.43	4206183.03	112569.2148	0.01977	0.08372	7.23843E-07	1.9768E-02
610861.43	4206183.03	104770.9904	0.01840	0.08145	7.04216E-07	1.8398E-02
610868.43	4206183.03	97701.81288	0.01716	0.07929	6.85541E-07	1.7157E-02
610875.43	4206183.03	91268.15614	0.01603	0.07723	6.67730E-07	1.6027E-02
610882.43	4206183.03	85393.79312	0.01499	0.07527	6.50784E-07	1.4996E-02
610889.43	4206183.03	80015.49426	0.01405	0.07339	6.34530E-07	1.4051E-02
610896.43	4206183.03	75078.8575	0.01318	0.07160	6.19053E-07	1.3184E-02
610903.43	4206183.03	70537.6069	0.01239	0.06989	6.04269E-07	1.2387E-02
610910.43	4206183.03	66351.685	0.01165	0.06825	5.90089E-07	1.1652E-02
610917.43	4206183.03	62486.73018	0.01097	0.06667	5.76428E-07	1.0973E-02
610924.43	4206183.03	58911.9984	0.01034	0.06516	5.63373E-07	1.0345E-02
610945.43	4206183.03	49677.68612	0.00872	0.06098	5.27233E-07	8.7238E-03
610952.43	4206183.03	47025.3905	0.00826	0.05968	5.15993E-07	8.2581E-03
610959.43	4206183.03	44556.10007	0.00782	0.05844	5.05272E-07	7.8245E-03
610966.43	4206183.03	42254.61433	0.00742	0.05723	4.94810E-07	7.4203E-03
610973.43	4206183.03	40107.14956	0.00704	0.05607	4.84781E-07	7.0432E-03
610980.43	4206183.03	38101.33183	0.00669	0.05495	4.75097E-07	6.6910E-03
610987.43	4206183.03	36225.98816	0.00636	0.05387	4.65760E-07	6.3617E-03
610994.43	4206183.03	34470.83681	0.00605	0.05282	4.56681E-07	6.0535E-03
611001.43	4206183.03	32826.64719	0.00576	0.05181	4.47949E-07	5.7647E-03
611008.43	4206183.03	31284.97166	0.00549	0.05082	4.39389E-07	5.4940E-03
611015.43	4206183.03	29838.10399	0.00524	0.04987	4.31176E-07	5.2399E-03
611029.43	4206183.03	27201.3846	0.00478	0.04805	4.15440E-07	4.7769E-03
611036.43	4206183.03	25999.27455	0.00457	0.04719	4.08005E-07	4.5658E-03
611043.43	4206183.03	24867.2155	0.00437	0.04634	4.00655E-07	4.3670E-03
611050.43	4206183.03	23800.29854	0.00418	0.04553	3.93652E-07	4.1797E-03
611057.43	4206183.03	22794.06447	0.00400	0.04473	3.86735E-07	4.0030E-03
611064.43	4206183.03	21844.2306	0.00384	0.04396	3.80078E-07	3.8362E-03
611071.43	4206183.03	20946.97609	0.00368	0.04321	3.73593E-07	3.6786E-03
610294.43	4206190.03	5452.07181	0.00096	0.81669	7.06110E-06	9.6443E-04
610301.43	4206190.03	5656.39197	0.00099	0.81542	7.05012E-06	1.0003E-03
610308.43	4206190.03	5872.56705	0.00103	0.81409	7.03862E-06	1.0382E-03
610315.43	4206190.03	6101.51599	0.00107	0.81269	7.02651E-06	1.0784E-03
610322.43	4206190.03	6344.31992	0.00111	0.81120	7.01363E-06	1.1211E-03
610329.43	4206190.03	6602.09612	0.00116	0.80961	6.99988E-06	1.1663E-03
610336.43	4206190.03	6876.12457	0.00121	0.80791	6.98519E-06	1.2144E-03
610343.43	4206190.03	7167.80077	0.00126	0.80608	6.96936E-06	1.2656E-03
610350.43	4206190.03	7478.66135	0.00131	0.80410	6.95224E-06	1.3202E-03
610357.43	4206190.03	7810.45215	0.00137	0.80196	6.93374E-06	1.3784E-03
610364.43	4206190.03	8165.14411	0.00143	0.79966	6.91386E-06	1.4407E-03
610371.43	4206190.03	8544.78274	0.00150	0.79717	6.89233E-06	1.5073E-03
610378.43	4206190.03	8951.88331	0.00157	0.79449	6.86916E-06	1.5788E-03
610385.43	4206190.03	9389.15848	0.00165	0.79161	6.84426E-06	1.6556E-03
610392.43	4206190.03	9859.52332	0.00173	0.78852	6.81754E-06	1.7381E-03
610399.43	4206190.03	10366.57913	0.00182	0.78520	6.78884E-06	1.8271E-03
610406.43	4206190.03	10914.06854	0.00192	0.78166	6.75823E-06	1.9232E-03
610413.43	4206190.03	11506.48753	0.00202	0.77787	6.72546E-06	2.0272E-03
610420.43	4206190.03	12148.75316	0.00213	0.77382	6.69044E-06	2.1400E-03
610427.43	4206190.03	12846.58151	0.00226	0.76950	6.65309E-06	2.2625E-03
610434.43	4206190.03	13606.4718	0.00239	0.76489	6.61324E-06	2.3959E-03
610441.43	4206190.03	14437.39392	0.00254	0.76001	6.57104E-06	2.5417E-03
610448.43	4206190.03	15344.94459	0.00269	0.75477	6.52574E-06	2.7011E-03
610455.43	4206190.03	16340.36208	0.00287	0.74918	6.47741E-06	2.8758E-03
610462.43	4206190.03	17435.23593	0.00306	0.74321	6.42579E-06	3.0680E-03
610469.43	4206190.03	18644.74081	0.00327	0.73688	6.37106E-06	3.2803E-03
610476.43	4206190.03	19980.35539	0.00351	0.73009	6.31235E-06	3.5148E-03
610483.43	4206190.03	21461.97725	0.00377	0.72284	6.24967E-06	3.7749E-03
610497.43	4206190.03	25001.24415	0.00439	0.70704	6.11306E-06	4.3963E-03
610504.43	4206190.03	27103.03399	0.00476	0.69827	6.03724E-06	4.7653E-03
610511.43	4206190.03	29465.53102	0.00517	0.68882	5.95553E-06	5.1800E-03
610518.43	4206190.03	32139.5062	0.00564	0.67869	5.86795E-06	5.6495E-03
610525.43	4206190.03	35169.76678	0.00618	0.66782	5.77397E-06	6.1815E-03
610532.43	4206190.03	38623.69429	0.00678	0.65618	5.67333E-06	6.7879E-03
610539.43	4206190.03	42579.14465	0.00748	0.64374	5.56577E-06	7.4824E-03
610546.43	4206190.03	47139.46811	0.00828	0.63048	5.45113E-06	8.2830E-03
610553.43	4206190.03	52411.83589	0.00920	0.61636	5.32905E-06	9.2087E-03
610560.43	4206190.03	58536.24025	0.01028	0.60137	5.19944E-06	1.0284E-02
610567.43	4206190.03	65645.74732	0.01153	0.58547	5.06197E-06	1.1532E-02
610574.43	4206190.03	74064.56178	0.01301	0.56869	4.91689E-06	1.3010E-02
610581.43	4206190.03	84103.48189	0.01477	0.55102	4.76412E-06	1.4773E-02
610588.43	4206190.03	96246.87291	0.01690	0.53249	4.60391E-06	1.6905E-02
610595.43	4206190.03	111053.6336	0.01950	0.51317	4.43687E-06	1.9505E-02
610602.43	4206190.03	129221.262	0.02269	0.49313	4.26360E-06	2.2695E-02
610609.43	4206190.03	151173.917	0.02655	0.47246	4.08489E-06	2.6550E-02
610616.43	4206190.03	174844.8502	0.03070	0.45129	3.90185E-06	3.0706E-02
610770.43	4206190.03	320941.5089	0.05636	0.13097	1.13237E-06	5.6358E-02
610777.43	4206190.03	303081.8306	0.05322	0.12585	1.08810E-06	5.3222E-02
610784.43	4206190.03	276482.5235	0.04855	0.12112	1.04720E-06	4.8551E-02
610791.43	4206190.03	248838.6853	0.04370	0.11673	1.00925E-06	4.3697E-02
610798.43	4206190.03	224135.132	0.03936	0.11264	9.73885E-07	3.9359E-02
610805.43	4206190.03	202909.6836	0.03563	0.10882	9.40857E-07	3.5631E-02
610812.43	4206190.03	184669.0895	0.03243	0.10523	9.09818E-07	3.2428E-02
610833.43	4206190.03	143108.5394	0.02513	0.09572	8.27595E-07	2.5130E-02
610840.43	4206190.03	132400.2931	0.02325	0.09290	8.03213E-07	2.3250E-02
610847.43	4206190.03	122837.017	0.02157	0.09023	7.80128E-07	2.1571E-02
610854.43	4206190.03	114241.533	0.02006	0.08769	7.58167E-07	2.0061E-02
610861.43	4206190.03	106474.55	0.01870	0.08529	7.37417E-07	1.8697E-02
610868.43	4206190.03	99425.22014	0.01746	0.08300	7.17618E-07	1.7460E-02
610875.43	4206190.03	93001.47322	0.01633	0.08082	6.98769E-07	1.6332E-02
610882.43	4206190.03	87128.11903	0.01530	0.07874	6.80786E-07	1.5300E-02
610889.43	4206190.03	81742.66463	0.01435	0.07676	6.63667E-07	1.4354E-02
610896.43	4206190.03	76791.58897	0.01348	0.07487	6.47326E-07	1.3485E-02
610903.43	4206190.03	72230.14399	0.01268	0.07305	6.31590E-07	1.2684E-02
610910.43	4206190.03	68019.20655	0.01194	0.07132	6.16632E-07	1.1945E-02
610917.43	4206190.03	64124.62379	0.01126	0.06965	6.02194E-07	1.1261E-02
610924.43	4206190.03	60516.97918	0.01063	0.06805	5.88360E-07	1.0627E-02
610945.43	4206190.03	51168.86323	0.00899	0.06362	5.50058E-07	8.9857E-03
610952.43	4206190.03	48475.45352	0.00851	0.06225	5.38213E-07	8.5127E-03
610959.43	4206190.03	45964.42666	0.00807	0.06093	5.26800E-07	8.0718E-03
610966.43	4206190.03	43620.54992	0.00766	0.05966	5.15820E-07	7.6602E-03
610973.43	4206190.03	41430.81615	0.00728	0.05843	5.05185E-07	7.2757E-03
610980.43	4206190.03	39382.70533	0.00692	0.05725	4.94983E-07	6.9160E-03
610987.43	4206190.03	37465.42355	0.00658	0.05610	4.85040E-07	6.5793E-03
610994.43	4206190.03	35668.89209	0.00626	0.05499	4.75443E-07	6.2639E-03
611001.43	4206190.03	33984.02953	0.00597	0.05392	4.66192E-07	5.9680E-03
611008.43	4206190.03	32402.36561	0.00569	0.05288	4.57200E-07	5.6902E-03
611015.43	4206190.03	30916.51173	0.00543	0.05187	4.48468E-07	5.4293E-03
611029.43	4206190.03	28204.73154	0.00495	0.04995	4.31867E-07	4.9531E-03
611036.43	4206190.03	26966.59008	0.00474	0.04904	4.24000E-07	4.7357E-03
611043.43	4206190.03	25799.70406	0.00453	0.04815	4.16305E-07	4.5308E-03
611050.43	4206190.03	24699.09464	0.00434	0.04728	4.08783E-07	4.3375E-03
611057.43	4206190.03	23660.19243	0.00415	0.04644	4.01520E-07	4.1551E-03
611064.43	4206190.03	22678.86474	0.00398	0.04562	3.94430E-07	3.9828E-03
611071.43	4206190.03	21751.24643	0.00382	0.04483	3.87600E-07	3.8199E-03
610294.43	4206197.03	5329.56784	0.00094	0.87720	7.58427E-06	9.4344E-04
610301.43	4206197.03	5526.73885	0.00097	0.87583	7.57242E-06	9.7806E-04
610308.43	4206197.03	5735.27822	0.00101	0.87440	7.56006E-06	1.0147E-03
610315.43	4206197.03	5956.54385	0.00105	0.87304	7.54830E-06	1.0535E-03
610322.43	4206197.03	6190.52848	0.00109	0.87146	7.53464E-06	1.0946E-03
610329.43	4206197.03	6438.78106	0.00113	0.86978	7.52011E-06	1.1382E-03
610336.43	4206197.03	6702.56465	0.00118	0.86798	7.50455E-06	1.1845E-03
610343.43	4206197.03	6983.77018	0.00123	0.86619	7.48907E-06	1.2338E-03
610350.43	4206197.03	7283.34568	0.00128	0.86424	7.47221E-06	1.2864E-03
610357.43	4206197.03	7602.96223	0.00134	0.86212	7.45389E-06	1.3425E-03
610364.43	4206197.03	7944.45025	0.00140	0.85983	7.43409E-06	1.4025E-03
610371.43	4206197.03	8309.85693	0.00146	0.85735	7.41264E-06	1.4666E-03
610378.43	4206197.03	8701.54842	0.00153	0.85467	7.38947E-06	1.5354E-03
610385.43	4206197.03	9122.01734	0.00160	0.85178	7.36449E-06	1.6092E-03
610392.43	4206197.03	9574.2454	0.00168	0.84867	7.33760E-06	1.6886E-03
610399.43	4206197.03	10061.52929	0.00177	0.84534	7.30881E-06	1.7741E-03
610406.43	4206197.03	10587.51254	0.00186	0.84176	7.27785E-06	1.8664E-03
610413.43	4206197.03	11156.48455	0.00196	0.83794	7.24483E-06	1.9663E-03
610420.43	4206197.03	11773.21347	0.00207	0.83385	7.20946E-06	2.0746E-03
610427.43	4206197.03	12443.20526	0.00218	0.82949	7.17177E-06	2.1922E-03
610434.43	4206197.03	13172.65635	0.00231	0.82483	7.13148E-06	2.3202E-03

610441.43	4206197.03	13968.76914	0.00245	0.81986	7.08851E-06	2.4600E-03
610448.43	4206197.03	14839.85177	0.00261	0.81455	7.04260E-06	2.6129E-03
610455.43	4206197.03	15795.41781	0.00277	0.80889	6.99366E-06	2.7806E-03
610462.43	4206197.03	16846.62341	0.00296	0.80284	6.94135E-06	2.9652E-03
610469.43	4206197.03	18006.33461	0.00316	0.79639	6.88558E-06	3.1688E-03
610476.43	4206197.03	19289.57357	0.00339	0.78949	6.82593E-06	3.3940E-03
610483.43	4206197.03	20714.05433	0.00364	0.78212	6.76221E-06	3.6441E-03
610497.43	4206197.03	24121.94035	0.00424	0.76603	6.62309E-06	4.2424E-03
610504.43	4206197.03	26145.74638	0.00459	0.75704	6.54536E-06	4.5977E-03
610511.43	4206197.03	28427.05489	0.00499	0.74736	6.46167E-06	4.9982E-03
610518.43	4206197.03	31008.94145	0.00545	0.73693	6.37149E-06	5.4515E-03
610525.43	4206197.03	33944.11205	0.00596	0.72571	6.27449E-06	5.9668E-03
610532.43	4206197.03	37296.24769	0.00655	0.71365	6.17021E-06	6.5553E-03
610539.43	4206197.03	41143.52613	0.00722	0.70070	6.05825E-06	7.2308E-03
610546.43	4206197.03	45589.67274	0.00801	0.68683	5.93833E-06	8.0114E-03
610553.43	4206197.03	50742.529	0.00891	0.67201	5.81020E-06	8.9161E-03
610560.43	4206197.03	56743.61752	0.00996	0.65619	5.67342E-06	9.9697E-03
610567.43	4206197.03	63727.4863	0.01119	0.63934	5.52773E-06	1.1196E-02
610574.43	4206197.03	72018.20526	0.01265	0.62145	5.37305E-06	1.2652E-02
610581.43	4206197.03	81928.5101	0.01439	0.60251	5.20930E-06	1.4392E-02
610588.43	4206197.03	93941.81484	0.01650	0.58253	5.03655E-06	1.6501E-02
610595.43	4206197.03	108621.7593	0.01907	0.56157	4.85533E-06	1.9079E-02
610602.43	4206197.03	126694.0064	0.02225	0.53969	4.66616E-06	2.2252E-02
610609.43	4206197.03	148500.4313	0.02608	0.51700	4.46998E-06	2.6081E-02
610616.43	4206197.03	172079.3324	0.03022	0.49363	4.26792E-06	3.0221E-02
610770.43	4206197.03	321328.1187	0.05642	0.13818	1.19470E-06	5.6426E-02
610777.43	4206197.03	303254.468	0.05325	0.13270	1.14732E-06	5.3252E-02
610784.43	4206197.03	276763.9325	0.04860	0.12765	1.10366E-06	4.8600E-02
610791.43	4206197.03	249237.6105	0.04377	0.12296	1.06311E-06	4.3767E-02
610798.43	4206197.03	224743.8017	0.03946	0.11859	1.02533E-06	3.9466E-02
610805.43	4206197.03	203698.0898	0.03577	0.11452	9.90139E-07	3.5770E-02
610812.43	4206197.03	185624.8968	0.03260	0.11070	9.57112E-07	3.2596E-02
610833.43	4206197.03	144401.1915	0.02536	0.10057	8.69528E-07	2.5357E-02
610840.43	4206197.03	133769.7927	0.02349	0.09757	8.43590E-07	2.3491E-02
610847.43	4206197.03	124268.6976	0.02182	0.09473	8.19035E-07	2.1822E-02
610854.43	4206197.03	115722.9818	0.02032	0.09204	7.95777E-07	2.0321E-02
610861.43	4206197.03	107994.5237	0.01896	0.08948	7.73644E-07	1.8964E-02
610868.43	4206197.03	100972.4109	0.01773	0.08705	7.52634E-07	1.7731E-02
610875.43	4206197.03	94566.84587	0.01661	0.08474	7.32662E-07	1.6606E-02
610882.43	4206197.03	88702.93513	0.01558	0.08253	7.13554E-07	1.5577E-02
610889.43	4206197.03	83318.74766	0.01463	0.08043	6.95397E-07	1.4631E-02
610896.43	4206197.03	78362.92349	0.01376	0.07842	6.78019E-07	1.3761E-02
610903.43	4206197.03	73789.96759	0.01296	0.07649	6.61332E-07	1.2958E-02
610910.43	4206197.03	69562.72434	0.01222	0.07465	6.45424E-07	1.2216E-02
610917.43	4206197.03	65647.30195	0.01153	0.07288	6.30120E-07	1.1528E-02
610924.43	4206197.03	62014.87489	0.01089	0.07118	6.15422E-07	1.0890E-02
610945.43	4206197.03	52576.03397	0.00923	0.06648	5.74786E-07	9.2328E-03
610952.43	4206197.03	49848.6082	0.00875	0.06502	5.62163E-07	8.7539E-03
610959.43	4206197.03	47302.09284	0.00831	0.06362	5.50058E-07	8.3067E-03
610966.43	4206197.03	44922.19629	0.00789	0.06227	5.38386E-07	7.8888E-03
610973.43	4206197.03	42695.5353	0.00750	0.06097	5.27146E-07	7.4978E-03
610980.43	4206197.03	40610.60982	0.00713	0.05971	5.16252E-07	7.1316E-03
610987.43	4206197.03	38656.15707	0.00679	0.05849	5.05704E-07	6.7884E-03
610994.43	4206197.03	36822.80944	0.00647	0.05732	4.95588E-07	6.4665E-03
611001.43	4206197.03	35101.29391	0.00616	0.05618	4.85732E-07	6.1642E-03
611008.43	4206197.03	33483.70105	0.00588	0.05508	4.76221E-07	5.8801E-03
611015.43	4206197.03	31962.24201	0.00561	0.05401	4.66970E-07	5.6130E-03
611029.43	4206197.03	29181.65066	0.00512	0.05198	4.49419E-07	5.1247E-03
611036.43	4206197.03	27910.26144	0.00490	0.05100	4.40946E-07	4.9014E-03
611043.43	4206197.03	26711.08764	0.00469	0.05006	4.32819E-07	4.6908E-03
611050.43	4206197.03	25578.96165	0.00449	0.04914	4.24864E-07	4.4920E-03
611057.43	4206197.03	24509.56329	0.00430	0.04826	4.17256E-07	4.3042E-03
611064.43	4206197.03	23498.62357	0.00413	0.04739	4.09734E-07	4.1267E-03
611071.43	4206197.03	22542.32084	0.00396	0.04655	4.02471E-07	3.9588E-03
610294.43	4206204.03	5207.88062	0.00091	0.94577	8.17712E-06	9.2267E-04
610301.43	4206204.03	5398.04456	0.00095	0.94426	8.16407E-06	9.5605E-04
610308.43	4206204.03	5598.98959	0.00098	0.94269	8.15049E-06	9.9132E-04
610315.43	4206204.03	5812.07348	0.00102	0.94122	8.13778E-06	1.0287E-03
610322.43	4206204.03	6037.30883	0.00106	0.93952	8.12309E-06	1.0683E-03
610329.43	4206204.03	6276.69372	0.00110	0.93786	8.10873E-06	1.1103E-03
610336.43	4206204.03	6530.89872	0.00115	0.93609	8.09343E-06	1.1549E-03
610343.43	4206204.03	6801.18628	0.00119	0.93419	8.07700E-06	1.2024E-03
610350.43	4206204.03	7089.5965	0.00124	0.93227	8.06040E-06	1.2530E-03
610357.43	4206204.03	7397.10671	0.00130	0.93018	8.04233E-06	1.3070E-03
610364.43	4206204.03	7725.50055	0.00136	0.92789	8.02253E-06	1.3646E-03
610371.43	4206204.03	8076.76972	0.00142	0.92541	8.00109E-06	1.4263E-03
610378.43	4206204.03	8453.08531	0.00148	0.92271	7.97775E-06	1.4923E-03
610385.43	4206204.03	8856.87198	0.00156	0.91981	7.95267E-06	1.5632E-03
610392.43	4206204.03	9291.00725	0.00163	0.91667	7.92552E-06	1.6394E-03
610399.43	4206204.03	9758.54548	0.00171	0.91331	7.89647E-06	1.7215E-03
610406.43	4206204.03	10263.07716	0.00180	0.90970	7.86526E-06	1.8100E-03
610413.43	4206204.03	10808.57442	0.00190	0.90584	7.83189E-06	1.9058E-03
610420.43	4206204.03	11399.68209	0.00200	0.90170	7.79609E-06	2.0096E-03
610427.43	4206204.03	12041.5724	0.00211	0.89729	7.75796E-06	2.1222E-03
610434.43	4206204.03	12740.32717	0.00224	0.89257	7.71716E-06	2.2449E-03
610441.43	4206204.03	13502.828	0.00237	0.88753	7.67358E-06	2.3787E-03
610448.43	4206204.03	14336.99388	0.00252	0.88215	7.62706E-06	2.5252E-03
610455.43	4206204.03	15252.02453	0.00268	0.87641	7.57744E-06	2.6858E-03
610462.43	4206204.03	16258.70686	0.00285	0.87027	7.52435E-06	2.8625E-03
610469.43	4206204.03	17369.54462	0.00305	0.86371	7.46763E-06	3.0575E-03
610476.43	4206204.03	18599.03308	0.00327	0.85670	7.40702E-06	3.2734E-03
610483.43	4206204.03	19964.45337	0.00351	0.84920	7.34218E-06	3.5131E-03
610497.43	4206204.03	23229.47113	0.00408	0.83278	7.20021E-06	4.0862E-03
610504.43	4206204.03	25174.12519	0.00442	0.82360	7.12084E-06	4.4276E-03
610511.43	4206204.03	27365.29325	0.00481	0.81368	7.03507E-06	4.8123E-03
610518.43	4206204.03	29852.57913	0.00524	0.80297	6.94247E-06	5.2490E-03
610525.43	4206204.03	32680.12637	0.00574	0.79140	6.84244E-06	5.7454E-03
610532.43	4206204.03	35920.52497	0.00631	0.77893	6.73462E-06	6.3143E-03
610539.43	4206204.03	39641.7281	0.00696	0.76548	6.61834E-06	6.9676E-03
610546.43	4206204.03	43952.09817	0.00772	0.75101	6.49323E-06	7.7244E-03
610553.43	4206204.03	48959.63243	0.00860	0.73548	6.35896E-06	8.6036E-03
610560.43	4206204.03	54816.03836	0.00963	0.71882	6.21491E-06	9.6318E-03
610567.43	4206204.03	61661.45906	0.01083	0.70099	6.06076E-06	1.0834E-02
610574.43	4206204.03	69799.53029	0.01226	0.68195	5.89614E-06	1.2263E-02
610581.43	4206204.03	79568.72754	0.01397	0.66166	5.72071E-06	1.3978E-02
610588.43	4206204.03	91425.09027	0.01605	0.64013	5.53456E-06	1.6060E-02
610595.43	4206204.03	105970.008	0.01861	0.61739	5.33795E-06	1.8613E-02
610602.43	4206204.03	123925.066	0.02176	0.59350	5.13140E-06	2.1766E-02
610609.43	4206204.03	145651.2645	0.02558	0.56855	4.91568E-06	2.5581E-02
610616.43	4206204.03	169168.2591	0.02971	0.54270	4.69218E-06	2.9710E-02
610770.43	4206204.03	321246.8539	0.05641	0.14615	1.26361E-06	5.6411E-02
610777.43	4206204.03	303247.8208	0.05325	0.14028	1.21286E-06	5.3251E-02
610784.43	4206204.03	276805.5369	0.04861	0.13486	1.16600E-06	4.8608E-02
610791.43	4206204.03	249441.8331	0.04380	0.12983	1.12251E-06	4.3803E-02
610798.43	4206204.03	225161.069	0.03954	0.12516	1.08213E-06	3.9539E-02
610805.43	4206204.03	204292.5105	0.03587	0.12080	1.04444E-06	3.5874E-02
610812.43	4206204.03	186389.7006	0.03273	0.11672	1.00916E-06	3.2731E-02
610833.43	4206204.03	145505.4823	0.02555	0.10591	9.15697E-07	2.5551E-02
610840.43	4206204.03	134952.9135	0.02370	0.10270	8.87944E-07	2.3698E-02
610847.43	4206204.03	125517.6116	0.02204	0.09967	8.61746E-07	2.2041E-02
610854.43	4206204.03	117026.4542	0.02055	0.09680	8.36932E-07	2.0550E-02
610861.43	4206204.03	109341.2716	0.01920	0.09408	8.13415E-07	1.9201E-02
610868.43	4206204.03	102352.3676	0.01797	0.09149	7.91022E-07	1.7974E-02
610875.43	4206204.03	95970.81845	0.01685	0.08902	7.69666E-07	1.6853E-02
610882.43	4206204.03	90123.45436	0.01583	0.08667	7.49348E-07	1.5826E-02
610889.43	4206204.03	84748.65531	0.01488	0.08443	7.29981E-07	1.4882E-02
610896.43	4206204.03	79794.74018	0.01401	0.08228	7.11392E-07	1.4012E-02
610903.43	4206204.03	75218.91614	0.01321	0.08023	6.93668E-07	1.3209E-02
610910.43	4206204.03	70982.76503	0.01246	0.07827	6.76722E-07	1.2465E-02
610917.43	4206204.03	67054.28108	0.01177	0.07638	6.60381E-07	1.1775E-02
610924.43	4206204.03	63404.87492	0.01113	0.07457	6.44732E-07	1.1134E-02
610945.43	4206204.03	53896.56477	0.00946	0.06956	6.01415E-07	9.4647E-03
610952.43	4206204.03	51141.48411	0.00898	0.06801	5.88014E-07	8.9809E-03
610959.43	4206204.03	48565.84984	0.00853	0.06652	5.75132E-07	8.5286E-03
610966.43	4206204.03	46155.50359	0.00810	0.06508	5.62681E-07	8.1054E-03
610973.43	4206204.03	43897.75979	0.00771	0.06369	5.50663E-07	7.7089E-03
610980.43	4206204.03	41780.81556	0.00734	0.06235	5.39078E-07	7.3372E-03
610987.43	4206204.03	39794.36417	0.00699	0.06106	5.27924E-07	6.9883E-03
610994.43	4206204.03	37928.45603	0.00666	0.05981	5.17117E-07	6.6607E-03
611001.43	4206204.03	36174.70967	0.00635	0.05860	5.06655E-07	6.3527E-03
611008.43	4206204.03	34524.78943	0.00606	0.05743	4.96539E-07	6.0630E-03
611015.43	4206204.03	32971.57177	0.00579	0.05629	4.86683E-07	5.7902E-03
611029.43	4206204.03	30128.44119	0.00529	0.05413	4.68008E-07	5.2910E-03
611036.43	4206204.03	28826.75595	0.00506	0.05310	4.59102E-07	5.0624E-03
611043.43	4206204.03	27597.68728	0.00485	0.05210	4.50456E-07	4.8465E-03
611050.43	4206204.03	26436.63624	0.00464	0.05112	4.41983E-07	4.6427E-03
611057.43	4206204.03	25338.85321	0.00445	0.05018	4.33856E-07	4.4499E-03
611064.43	4206204.03	24300.3086	0.00427	0.04927	4.25988E-07	4.2675E-03
611071.43	4206204.03	23317.29581	0.00409	0.04838	4.18293E-07	4.0949E-03

611078.43	4206204.03	22386.08423	0.00393	0.04751	4.10771E-07	3.9314E-03
611092.43	4206204.03	20666.45589	0.00363	0.04585	3.96419E-07	3.6294E-03
610294.43	4206211.03	5086.66602	0.00089	1.02393	8.85289E-06	9.0206E-04
610301.43	4206211.03	5270.25781	0.00093	1.02239	8.83958E-06	9.3429E-04
610308.43	4206211.03	5464.21759	0.00096	1.02081	8.82592E-06	9.6833E-04
610315.43	4206211.03	5668.86655	0.00100	1.01900	8.81027E-06	1.0043E-03
610322.43	4206211.03	5885.94088	0.00103	1.01731	8.79566E-06	1.0424E-03
610329.43	4206211.03	6116.07037	0.00107	1.01551	8.78009E-06	1.0827E-03
610336.43	4206211.03	6360.26775	0.00112	1.01360	8.76358E-06	1.1256E-03
610343.43	4206211.03	6620.31949	0.00116	1.01172	8.74733E-06	1.1713E-03
610350.43	4206211.03	6897.65964	0.00121	1.00982	8.73090E-06	1.2199E-03
610357.43	4206211.03	7193.25239	0.00126	1.00774	8.71292E-06	1.2718E-03
610364.43	4206211.03	7508.72244	0.00132	1.00545	8.69312E-06	1.3272E-03
610371.43	4206211.03	7845.95987	0.00138	1.00295	8.67150E-06	1.3864E-03
610378.43	4206211.03	8207.05622	0.00144	1.00024	8.64807E-06	1.4498E-03
610385.43	4206211.03	8594.35451	0.00151	0.99730	8.62265E-06	1.5178E-03
610392.43	4206211.03	9010.5023	0.00158	0.99413	8.59524E-06	1.5908E-03
610399.43	4206211.03	9458.42764	0.00166	0.99072	8.56576E-06	1.6694E-03
610406.43	4206211.03	9941.57771	0.00175	0.98707	8.53420E-06	1.7543E-03
610413.43	4206211.03	10463.68562	0.00184	0.98315	8.50031E-06	1.8459E-03
610420.43	4206211.03	11029.22526	0.00194	0.97895	8.46400E-06	1.9452E-03
610427.43	4206211.03	11643.07909	0.00204	0.97447	8.42526E-06	2.0529E-03
610434.43	4206211.03	12311.04674	0.00216	0.96968	8.38385E-06	2.1702E-03
610441.43	4206211.03	13039.62742	0.00229	0.96456	8.33958E-06	2.2981E-03
610448.43	4206211.03	13836.57677	0.00243	0.95910	8.29237E-06	2.4380E-03
610455.43	4206211.03	14710.57033	0.00258	0.95326	8.24188E-06	2.5914E-03
610462.43	4206211.03	15671.95235	0.00275	0.94702	8.18793E-06	2.7601E-03
610469.43	4206211.03	16732.81756	0.00294	0.94035	8.13026E-06	2.9464E-03
610476.43	4206211.03	17907.09544	0.00314	0.93321	8.06853E-06	3.1525E-03
610483.43	4206211.03	19211.57487	0.00337	0.92557	8.00247E-06	3.3815E-03
610497.43	4206211.03	22331.04258	0.00392	0.90883	7.85774E-06	3.9291E-03
610504.43	4206211.03	24189.3784	0.00425	0.89945	7.77664E-06	4.2554E-03
610511.43	4206211.03	26288.81052	0.00462	0.88930	7.68888E-06	4.6239E-03
610518.43	4206211.03	28667.23252	0.00503	0.87830	7.59378E-06	5.0415E-03
610525.43	4206211.03	31383.39067	0.00551	0.86641	7.49098E-06	5.5183E-03
610532.43	4206211.03	34496.85913	0.00606	0.85353	7.37962E-06	6.0650E-03
610539.43	4206211.03	38085.37782	0.00669	0.83960	7.25918E-06	6.6950E-03
610546.43	4206211.03	42238.86529	0.00742	0.82455	7.12906E-06	7.4242E-03
610553.43	4206211.03	47091.63285	0.00827	0.80830	6.98856E-06	8.2762E-03
610560.43	4206211.03	52774.6303	0.00927	0.79079	6.83717E-06	9.2739E-03
610567.43	4206211.03	59458.09951	0.01044	0.77197	6.67445E-06	1.0447E-02
610574.43	4206211.03	67430.02069	0.01184	0.75173	6.49945E-06	1.1847E-02
610581.43	4206211.03	77031.52101	0.01353	0.73004	6.31192E-06	1.3533E-02
610588.43	4206211.03	88722.46904	0.01558	0.70687	6.11159E-06	1.5586E-02
610595.43	4206211.03	103108.5114	0.01811	0.68221	5.89838E-06	1.8112E-02
610602.43	4206211.03	120892.5983	0.02123	0.65610	5.67264E-06	2.1234E-02
610609.43	4206211.03	142464.4792	0.02502	0.62865	5.43530E-06	2.5022E-02
610616.43	4206211.03	165903.3886	0.02913	0.59999	5.18751E-06	2.9137E-02
610770.43	4206211.03	321088.2589	0.05638	0.15501	1.34022E-06	5.6384E-02
610777.43	4206211.03	303038.5638	0.05321	0.14868	1.28549E-06	5.3214E-02
610784.43	4206211.03	276656.8368	0.04858	0.14286	1.23517E-06	4.8582E-02
610791.43	4206211.03	249465.408	0.04381	0.13746	1.18848E-06	4.3807E-02
610798.43	4206211.03	225403.9268	0.03958	0.13244	1.14508E-06	3.9582E-02
610805.43	4206211.03	204713.8299	0.03595	0.12776	1.10461E-06	3.5948E-02
610812.43	4206211.03	186977.4461	0.03283	0.12339	1.06683E-06	3.2834E-02
610833.43	4206211.03	146433.7332	0.02571	0.11179	9.66536E-07	2.5714E-02
610840.43	4206211.03	135962.1384	0.02387	0.10836	9.36880E-07	2.3876E-02
610847.43	4206211.03	126594.5237	0.02223	0.10512	9.08867E-07	2.2231E-02
610854.43	4206211.03	118160.185	0.02075	0.10204	8.82237E-07	2.0750E-02
610861.43	4206211.03	110522.0244	0.01941	0.09912	8.56991E-07	1.9408E-02
610868.43	4206211.03	103571.5392	0.01819	0.09635	8.33042E-07	1.8188E-02
610875.43	4206211.03	97219.88142	0.01707	0.09371	8.10216E-07	1.7072E-02
610882.43	4206211.03	91394.91179	0.01605	0.09119	7.88428E-07	1.6050E-02
610889.43	4206211.03	86035.48939	0.01511	0.08879	7.67678E-07	1.5108E-02
610896.43	4206211.03	81090.86375	0.01424	0.08650	7.47879E-07	1.4240E-02
610903.43	4206211.03	76518.02298	0.01344	0.08430	7.28857E-07	1.3437E-02
610910.43	4206211.03	72280.24741	0.01269	0.08220	7.10701E-07	1.2693E-02
610917.43	4206211.03	68345.52349	0.01200	0.08018	6.93236E-07	1.2002E-02
610924.43	4206211.03	64685.90059	0.01136	0.07825	6.76549E-07	1.1359E-02
610945.43	4206211.03	55127.88417	0.00968	0.07289	6.30207E-07	9.6810E-03
610952.43	4206211.03	52351.30586	0.00919	0.07123	6.15854E-07	9.1934E-03
610959.43	4206211.03	49752.38174	0.00874	0.06964	6.02107E-07	8.7370E-03
610966.43	4206211.03	47317.36383	0.00831	0.06810	5.88792E-07	8.3094E-03
610973.43	4206211.03	45033.62362	0.00791	0.06662	5.75996E-07	7.9084E-03
610980.43	4206211.03	42889.85768	0.00753	0.06519	5.63632E-07	7.5319E-03
610987.43	4206211.03	40875.88146	0.00718	0.06381	5.51701E-07	7.1783E-03
610994.43	4206211.03	38982.1713	0.00685	0.06247	5.40115E-07	6.8457E-03
611001.43	4206211.03	37200.16823	0.00653	0.06118	5.28962E-07	6.5328E-03
611008.43	4206211.03	35522.03841	0.00624	0.05993	5.18154E-07	6.2381E-03
611015.43	4206211.03	33940.56242	0.00596	0.05873	5.07779E-07	5.9604E-03
611029.43	4206211.03	31041.59007	0.00545	0.05642	4.87807E-07	5.4513E-03
611036.43	4206211.03	29712.31847	0.00522	0.05532	4.78296E-07	5.2179E-03
611043.43	4206211.03	28456.35333	0.00500	0.05426	4.69132E-07	4.9973E-03
611050.43	4206211.03	27268.64382	0.00479	0.05323	4.60226E-07	4.7888E-03
611057.43	4206211.03	26144.8163	0.00459	0.05222	4.51494E-07	4.5914E-03
611064.43	4206211.03	25080.9488	0.00440	0.05125	4.43107E-07	4.4046E-03
611071.43	4206211.03	24072.98947	0.00423	0.05031	4.34980E-07	4.2276E-03
611078.43	4206211.03	23117.57056	0.00406	0.04939	4.27026E-07	4.0598E-03
611085.43	4206211.03	22211.4339	0.00390	0.04850	4.19331E-07	3.9007E-03
611092.43	4206211.03	21351.46894	0.00375	0.04763	4.11809E-07	3.7497E-03
610294.43	4206218.03	4966.90775	0.00087	1.11419	9.63328E-06	8.8181E-04
610301.43	4206218.03	5143.67425	0.00090	1.11242	9.61798E-06	9.1284E-04
610308.43	4206218.03	5330.26547	0.00094	1.11059	9.60216E-06	9.4558E-04
610315.43	4206218.03	5527.46545	0.00097	1.10872	9.58599E-06	9.8020E-04
610322.43	4206218.03	5736.10873	0.00101	1.10681	9.56947E-06	1.0168E-03
610329.43	4206218.03	5957.10901	0.00105	1.10484	9.55244E-06	1.0556E-03
610336.43	4206218.03	6191.45554	0.00109	1.10273	9.53420E-06	1.0967E-03
610343.43	4206218.03	6441.44933	0.00113	1.10086	9.51803E-06	1.1406E-03
610350.43	4206218.03	6707.90525	0.00118	1.09898	9.50178E-06	1.1874E-03
610357.43	4206218.03	6991.69484	0.00123	1.09690	9.48379E-06	1.2372E-03
610364.43	4206218.03	7294.44039	0.00128	1.09460	9.46391E-06	1.2904E-03
610371.43	4206218.03	7617.87158	0.00134	1.09207	9.44203E-06	1.3471E-03
610378.43	4206218.03	7963.9771	0.00140	1.08932	9.41826E-06	1.4079E-03
610385.43	4206218.03	8334.94163	0.00146	1.08633	9.39240E-06	1.4730E-03
610392.43	4206218.03	8733.30018	0.00153	1.08311	9.36456E-06	1.5429E-03
610399.43	4206218.03	9161.86417	0.00161	1.07964	9.33456E-06	1.6181E-03
610406.43	4206218.03	9623.82867	0.00169	1.07591	9.30231E-06	1.6992E-03
610413.43	4206218.03	10122.73443	0.00178	1.07192	9.26782E-06	1.7868E-03
610420.43	4206218.03	10662.86709	0.00187	1.06764	9.23081E-06	1.8816E-03
610427.43	4206218.03	11248.82157	0.00198	1.06307	9.19130E-06	1.9845E-03
610434.43	4206218.03	11886.05429	0.00209	1.05819	9.14911E-06	2.0963E-03
610441.43	4206218.03	12580.81033	0.00221	1.05297	9.10397E-06	2.2183E-03
610448.43	4206218.03	13340.33629	0.00234	1.04740	9.05582E-06	2.3516E-03
610455.43	4206218.03	14173.06446	0.00249	1.04145	9.00437E-06	2.4978E-03
610462.43	4206218.03	15088.73007	0.00265	1.03508	8.94930E-06	2.6585E-03
610469.43	4206218.03	16098.89236	0.00283	1.02828	8.89050E-06	2.8358E-03
610476.43	4206218.03	17216.93691	0.00302	1.02100	8.82756E-06	3.0321E-03
610483.43	4206218.03	18458.93035	0.00324	1.01320	8.76012E-06	3.2501E-03
610497.43	4206218.03	21428.01389	0.00376	0.99611	8.61236E-06	3.7713E-03
610504.43	4206218.03	23196.56736	0.00407	0.98652	8.52945E-06	4.0818E-03
610511.43	4206218.03	25195.90293	0.00442	0.97612	8.43953E-06	4.4328E-03
610518.43	4206218.03	27466.99436	0.00482	0.96486	8.34217E-06	4.8315E-03
610525.43	4206218.03	30060.10708	0.00528	0.95264	8.23652E-06	5.2867E-03
610532.43	4206218.03	33036.92002	0.00580	0.93938	8.12187E-06	5.8093E-03
610539.43	4206218.03	36474.6801	0.00640	0.92499	7.99746E-06	6.4129E-03
610546.43	4206218.03	40469.64157	0.00711	0.90937	7.86241E-06	7.1142E-03
610553.43	4206218.03	45142.84043	0.00793	0.89244	7.71603E-06	7.9347E-03
610560.43	4206218.03	50640.76111	0.00889	0.87408	7.55729E-06	8.9000E-03
610567.43	4206218.03	57138.72003	0.01003	0.85424	7.38575E-06	1.0041E-02
610574.43	4206218.03	64906.40343	0.01140	0.83279	7.20030E-06	1.1405E-02
610581.43	4206218.03	74309.61661	0.01305	0.80963	7.00006E-06	1.3056E-02
610588.43	4206218.03	85783.89346	0.01506	0.78473	6.78477E-06	1.5070E-02
610595.43	4206218.03	99970.95116	0.01755	0.75802	6.55384E-06	1.7561E-02
610602.43	4206218.03	117572.1561	0.02065	0.72951	6.30734E-06	2.0652E-02
610609.43	4206218.03	138992.3664	0.02441	0.69927	6.04588E-06	2.4413E-02
610616.43	4206218.03	162355.0928	0.02851	0.66744	5.77068E-06	2.8515E-02
610770.43	4206218.03	320721.3346	0.05632	0.16491	1.42581E-06	5.6319E-02
610777.43	4206218.03	302623.909	0.05314	0.15807	1.36667E-06	5.3141E-02
610784.43	4206218.03	276343.6302	0.04853	0.15178	1.31229E-06	4.8527E-02
610791.43	4206218.03	249324.2784	0.04378	0.14596	1.26197E-06	4.3782E-02
610798.43	4206218.03	225481.9675	0.03959	0.14055	1.21519E-06	3.9595E-02
610805.43	4206218.03	204975.4241	0.03599	0.13550	1.17153E-06	3.5994E-02
610812.43	4206218.03	187398.5024	0.03291	0.13079	1.13081E-06	3.2908E-02
610833.43	4206218.03	147196.8746	0.02585	0.11830	1.02282E-06	2.5848E-02
610840.43	4206218.03	136806.8184	0.02402	0.11461	9.90917E-07	2.4024E-02
610847.43	4206218.03	127508.4476	0.02239	0.11112	9.60743E-07	2.2391E-02
610854.43	4206218.03	119133.1382	0.02092	0.10781	9.32125E-07	2.0920E-02
610861.43	4206218.03	111545.6492	0.01959	0.10467	9.04976E-07	1.9588E-02
610868.43	4206218.03	104636.9289	0.01837	0.10169	8.79211E-07	1.8375E-02

610875.43	4206218.03	98319.21725	0.01726	0.09885	8.54657E-07	1.7265E-02
610882.43	4206218.03	92520.90017	0.01625	0.09614	8.31226E-07	1.6247E-02
610889.43	4206218.03	87182.32714	0.01531	0.09356	8.08919E-07	1.5310E-02
610896.43	4206218.03	82252.67749	0.01444	0.09109	7.87564E-07	1.4444E-02
610903.43	4206218.03	77689.21327	0.01364	0.08873	7.67159E-07	1.3643E-02
610910.43	4206218.03	73455.86726	0.01290	0.08647	7.47619E-07	1.2899E-02
610917.43	4206218.03	69520.94664	0.01221	0.08431	7.28944E-07	1.2208E-02
610924.43	4206218.03	65857.39027	0.01156	0.08223	7.10960E-07	1.1565E-02
610945.43	4206218.03	56267.89342	0.00988	0.07648	6.61246E-07	9.8812E-03
610952.43	4206218.03	53475.55938	0.00939	0.07470	6.45856E-07	9.3908E-03
610959.43	4206218.03	50859.00532	0.00893	0.07299	6.31071E-07	8.9314E-03
610966.43	4206218.03	48404.51087	0.00850	0.07135	6.16892E-07	8.5003E-03
610973.43	4206218.03	46100.09295	0.00810	0.06976	6.03145E-07	8.0957E-03
610980.43	4206218.03	43934.43025	0.00771	0.06823	5.89916E-07	7.7154E-03
610987.43	4206218.03	41897.493	0.00736	0.06675	5.77120E-07	7.3577E-03
610994.43	4206218.03	39980.3315	0.00702	0.06532	5.64756E-07	7.0210E-03
611001.43	4206218.03	38174.2113	0.00670	0.06394	5.52825E-07	6.7039E-03
611008.43	4206218.03	36471.7457	0.00640	0.06261	5.41326E-07	6.4049E-03
611029.43	4206218.03	31917.40546	0.00560	0.05886	5.08903E-07	5.6051E-03
611036.43	4206218.03	30563.77865	0.00537	0.05769	4.98787E-07	5.3674E-03
611043.43	4206218.03	29283.4808	0.00514	0.05655	4.88931E-07	5.1426E-03
611050.43	4206218.03	28071.7782	0.00493	0.05545	4.79420E-07	4.9298E-03
611057.43	4206218.03	26924.42404	0.00473	0.05439	4.70256E-07	4.7283E-03
611064.43	4206218.03	25837.2468	0.00454	0.05335	4.61264E-07	4.5374E-03
611071.43	4206218.03	24806.61089	0.00436	0.05235	4.52618E-07	4.3564E-03
611078.43	4206218.03	23828.91511	0.00418	0.05137	4.44145E-07	4.1847E-03
611085.43	4206218.03	22900.95133	0.00402	0.05042	4.35931E-07	4.0218E-03
611092.43	4206218.03	22019.78209	0.00387	0.04950	4.27977E-07	3.8671E-03
610294.43	4206225.03	4847.94682	0.00085	1.21899	1.05394E-05	8.6183E-04
610301.43	4206225.03	5017.95978	0.00088	1.21688	1.05211E-05	8.9166E-04
610308.43	4206225.03	5197.75727	0.00091	1.21500	1.05049E-05	9.2322E-04
610315.43	4206225.03	5387.18428	0.00095	1.21281	1.04859E-05	9.5646E-04
610322.43	4206225.03	5587.46087	0.00098	1.21061	1.04669E-05	9.9161E-04
610329.43	4206225.03	5799.97577	0.00102	1.20860	1.04495E-05	1.0289E-03
610336.43	4206225.03	6024.69967	0.00106	1.20624	1.04291E-05	1.0684E-03
610343.43	4206225.03	6264.78772	0.00110	1.20437	1.04130E-05	1.1105E-03
610350.43	4206225.03	6520.54582	0.00114	1.20249	1.03967E-05	1.1554E-03
610357.43	4206225.03	6792.78908	0.00119	1.20039	1.03786E-05	1.2032E-03
610364.43	4206225.03	7082.99288	0.00124	1.19805	1.03583E-05	1.2541E-03
610371.43	4206225.03	7392.86339	0.00130	1.19547	1.03360E-05	1.3085E-03
610378.43	4206225.03	7724.22749	0.00136	1.19265	1.03116E-05	1.3667E-03
610385.43	4206225.03	8079.13035	0.00142	1.18960	1.02853E-05	1.4290E-03
610392.43	4206225.03	8460.025	0.00149	1.18629	1.02567E-05	1.4958E-03
610399.43	4206225.03	8869.49919	0.00156	1.18273	1.02259E-05	1.5677E-03
610406.43	4206225.03	9310.52996	0.00163	1.17891	1.01929E-05	1.6451E-03
610413.43	4206225.03	9786.59689	0.00172	1.17482	1.01575E-05	1.7287E-03
610420.43	4206225.03	10301.53802	0.00181	1.17044	1.01196E-05	1.8190E-03
610427.43	4206225.03	10859.82838	0.00191	1.16575	1.00791E-05	1.9170E-03
610434.43	4206225.03	11466.62533	0.00201	1.16074	1.00358E-05	2.0235E-03
610441.43	4206225.03	12127.74099	0.00213	1.15540	9.98958E-06	2.1396E-03
610448.43	4206225.03	12850.08522	0.00226	1.14968	9.94013E-06	2.2664E-03
610455.43	4206225.03	13641.47171	0.00240	1.14358	9.88739E-06	2.4053E-03
610462.43	4206225.03	14511.24137	0.00255	1.13706	9.83102E-06	2.5580E-03
610469.43	4206225.03	15470.38324	0.00272	1.13009	9.77075E-06	2.7263E-03
610476.43	4206225.03	16531.52328	0.00290	1.12264	9.70634E-06	2.9126E-03
610483.43	4206225.03	17710.08267	0.00311	1.11466	9.63734E-06	3.1195E-03
610497.43	4206225.03	20525.26392	0.00360	1.09716	9.48604E-06	3.6137E-03
610504.43	4206225.03	22201.02022	0.00390	1.08734	9.40114E-06	3.9079E-03
610511.43	4206225.03	24096.26977	0.00423	1.07669	9.30906E-06	4.2406E-03
610518.43	4206225.03	26254.36934	0.00461	1.06515	9.20928E-06	4.6194E-03
610525.43	4206225.03	28717.23052	0.00504	1.05260	9.10077E-06	5.0518E-03
610532.43	4206225.03	31548.544	0.00554	1.03897	8.98293E-06	5.5488E-03
610539.43	4206225.03	34823.94188	0.00612	1.02414	8.85471E-06	6.1239E-03
610546.43	4206225.03	38644.83488	0.00679	1.00797	8.71490E-06	6.7947E-03
610553.43	4206225.03	43120.17504	0.00757	0.99036	8.56265E-06	7.5804E-03
610560.43	4206225.03	48410.10832	0.00850	0.97118	8.39682E-06	8.5091E-03
610567.43	4206225.03	54684.95316	0.00960	0.95035	8.21672E-06	9.6108E-03
610574.43	4206225.03	62226.98581	0.01093	0.92767	8.02063E-06	1.0935E-02
610581.43	4206225.03	71396.27772	0.01254	0.90302	7.80751E-06	1.2545E-02
610588.43	4206225.03	82633.042	0.01451	0.87628	7.57631E-06	1.4518E-02
610595.43	4206225.03	96562.40987	0.01696	0.84739	7.32653E-06	1.6963E-02
610602.43	4206225.03	113934.9619	0.02001	0.81629	7.05764E-06	2.0014E-02
610609.43	4206225.03	135151.1581	0.02373	0.78300	6.76981E-06	2.3739E-02
610616.43	4206225.03	158373.0577	0.02781	0.74760	6.46375E-06	2.7816E-02
610770.43	4206225.03	320175.727	0.05622	0.17603	1.52195E-06	5.6224E-02
610777.43	4206225.03	301951.6991	0.05302	0.16860	1.45771E-06	5.3024E-02
610784.43	4206225.03	275859.4971	0.04844	0.16178	1.39875E-06	4.8442E-02
610791.43	4206225.03	249029.6848	0.04373	0.15547	1.34419E-06	4.3730E-02
610798.43	4206225.03	225403.0209	0.03958	0.14961	1.29353E-06	3.9582E-02
610805.43	4206225.03	205082.8903	0.03601	0.14415	1.24632E-06	3.6013E-02
610812.43	4206225.03	187656.2005	0.03295	0.13904	1.20214E-06	3.2953E-02
610833.43	4206225.03	147802.0878	0.02595	0.12553	1.08533E-06	2.5955E-02
610840.43	4206225.03	137493.8106	0.02414	0.12153	1.05075E-06	2.4145E-02
610847.43	4206225.03	128265.7291	0.02252	0.11776	1.01815E-06	2.2524E-02
610854.43	4206225.03	119950.6893	0.02106	0.11418	9.87200E-07	2.1064E-02
610861.43	4206225.03	112415.4277	0.01974	0.11078	9.57803E-07	1.9741E-02
610868.43	4206225.03	105551.4435	0.01853	0.10756	9.29963E-07	1.8536E-02
610875.43	4206225.03	99271.91129	0.01743	0.10449	9.03420E-07	1.7433E-02
610882.43	4206225.03	93505.08365	0.01642	0.10156	8.78087E-07	1.6420E-02
610889.43	4206225.03	88191.54888	0.01549	0.09877	8.53965E-07	1.5487E-02
610896.43	4206225.03	83281.6805	0.01462	0.09611	8.30967E-07	1.4625E-02
610903.43	4206225.03	78733.07245	0.01383	0.09356	8.08919E-07	1.3826E-02
610910.43	4206225.03	74509.43745	0.01308	0.09112	7.87823E-07	1.3084E-02
610917.43	4206225.03	70580.36886	0.01239	0.08879	7.67678E-07	1.2395E-02
610924.43	4206225.03	66918.39386	0.01175	0.08655	7.48311E-07	1.1751E-02
610931.43	4206225.03	63500.179	0.01115	0.08440	7.29722E-07	1.1151E-02
610952.43	4206225.03	54511.9458	0.00957	0.07844	6.78192E-07	9.5729E-03
610959.43	4206225.03	51882.90753	0.00911	0.07660	6.62283E-07	9.1112E-03
610966.43	4206225.03	49414.24726	0.00868	0.07483	6.46980E-07	8.6777E-03
610973.43	4206225.03	47093.90651	0.00827	0.07313	6.32282E-07	8.2702E-03
610980.43	4206225.03	44911.19934	0.00789	0.07148	6.18016E-07	7.8869E-03
610987.43	4206225.03	42855.99778	0.00753	0.06990	6.04355E-07	7.5260E-03
610994.43	4206225.03	40919.54504	0.00719	0.06837	5.91127E-07	7.1860E-03
611001.43	4206225.03	39093.62166	0.00686	0.06689	5.78331E-07	6.8653E-03
611008.43	4206225.03	37370.54746	0.00656	0.06546	5.65967E-07	6.5628E-03
611029.43	4206225.03	32752.88046	0.00575	0.06145	5.31296E-07	5.7519E-03
611036.43	4206225.03	31377.76233	0.00551	0.06020	5.20489E-07	5.5104E-03
611043.43	4206225.03	30076.0244	0.00528	0.05899	5.10027E-07	5.2818E-03
611050.43	4206225.03	28843.08511	0.00506	0.05781	4.99825E-07	5.0653E-03
611057.43	4206225.03	27674.54983	0.00486	0.05668	4.90055E-07	4.8601E-03
611064.43	4206225.03	26566.63069	0.00467	0.05557	4.80458E-07	4.6655E-03
611071.43	4206225.03	25515.30549	0.00448	0.05450	4.71207E-07	4.4809E-03
611078.43	4206225.03	24517.33199	0.00431	0.05346	4.62215E-07	4.3057E-03
611085.43	4206225.03	23569.55624	0.00414	0.05246	4.53569E-07	4.1392E-03
611092.43	4206225.03	22668.78425	0.00398	0.05148	4.45096E-07	3.9810E-03
610294.43	4206232.03	4730.62395	0.00083	1.34265	1.16085E-05	8.4230E-04
610301.43	4206232.03	4894.02554	0.00086	1.34003	1.15859E-05	8.7097E-04
610308.43	4206232.03	5066.72692	0.00089	1.33775	1.15662E-05	9.0127E-04
610315.43	4206232.03	5248.58933	0.00092	1.33516	1.15438E-05	9.3318E-04
610322.43	4206232.03	5441.17868	0.00096	1.33282	1.15236E-05	9.6698E-04
610329.43	4206232.03	5644.91606	0.00099	1.33047	1.15032E-05	1.0027E-03
610336.43	4206232.03	5860.18301	0.00103	1.32779	1.14801E-05	1.0405E-03
610343.43	4206232.03	6090.57624	0.00107	1.32589	1.14636E-05	1.0810E-03
610350.43	4206232.03	6335.8605	0.00111	1.32399	1.14472E-05	1.1240E-03
610357.43	4206232.03	6596.75981	0.00116	1.32183	1.14285E-05	1.1698E-03
610364.43	4206232.03	6874.71309	0.00121	1.31942	1.14077E-05	1.2186E-03
610371.43	4206232.03	7171.28449	0.00126	1.31676	1.13847E-05	1.2706E-03
610378.43	4206232.03	7488.16637	0.00131	1.31384	1.13595E-05	1.3263E-03
610385.43	4206232.03	7827.36119	0.00137	1.31068	1.13321E-05	1.3858E-03
610392.43	4206232.03	8191.10341	0.00144	1.30726	1.13026E-05	1.4496E-03
610399.43	4206232.03	8581.81373	0.00151	1.30357	1.12707E-05	1.5182E-03
610406.43	4206232.03	9002.37683	0.00158	1.29962	1.12365E-05	1.5920E-03
610413.43	4206232.03	9455.93221	0.00166	1.29539	1.11999E-05	1.6716E-03
610420.43	4206232.03	9946.15297	0.00175	1.29086	1.11608E-05	1.7577E-03
610427.43	4206232.03	10477.22549	0.00184	1.28601	1.11188E-05	1.8509E-03
610434.43	4206232.03	11053.91165	0.00194	1.28084	1.10741E-05	1.9521E-03
610441.43	4206232.03	11681.78474	0.00205	1.27531	1.10263E-05	2.0623E-03
610448.43	4206232.03	12367.16755	0.00217	1.26941	1.09753E-05	2.1826E-03
610455.43	4206232.03	13117.57102	0.00230	1.26311	1.09208E-05	2.3143E-03
610462.43	4206232.03	13941.73398	0.00245	1.25639	1.08627E-05	2.4590E-03
610469.43	4206232.03	14849.84427	0.00261	1.24921	1.08007E-05	2.6184E-03
610476.43	4206232.03	15853.93971	0.00278	1.24154	1.07343E-05	2.7947E-03
610483.43	4206232.03	16968.55314	0.00298	1.23333	1.06634E-05	2.9903E-03
610497.43	4206232.03	19627.41332	0.00345	1.21533	1.05077E-05	3.4570E-03
610504.43	4206232.03	21208.25551	0.00372	1.20523	1.04204E-05	3.7345E-03
610511.43	4206232.03	22999.52433	0.00404	1.19431	1.03260E-05	4.0490E-03
610518.43	4206232.03	25033.12766	0.00440	1.18245	1.02235E-05	4.4060E-03
610525.43	4206232.03	27363.08024	0.00480	1.16958	1.01122E-05	4.8150E-03
610532.43	4206232.03	30040.53836	0.00528	1.15556	9.99097E-06	5.2850E-03

610539.43	4206232.03	33147.59036	0.00582	1.14028	9.85886E-06	5.8305E-03
610546.43	4206232.03	36774.2275	0.00646	1.12358	9.71447E-06	6.4672E-03
610553.43	4206232.03	41032.72527	0.00721	1.10535	9.55685E-06	7.2148E-03
610560.43	4206232.03	46082.17226	0.00809	1.08538	9.38419E-06	8.1013E-03
610567.43	4206232.03	52112.44554	0.00915	1.06356	9.19553E-06	9.1600E-03
610574.43	4206232.03	59392.79073	0.01043	1.03966	8.98890E-06	1.0438E-02
610581.43	4206232.03	68286.70039	0.01199	1.01347	8.76246E-06	1.2000E-02
610588.43	4206232.03	79239.30101	0.01391	0.98488	8.51527E-06	1.3923E-02
610595.43	4206232.03	92884.53832	0.01631	0.95369	8.24560E-06	1.6319E-02
610602.43	4206232.03	109952.654	0.01931	0.91981	7.95267E-06	1.9315E-02
610609.43	4206232.03	130914.5995	0.02299	0.88319	7.63606E-06	2.2996E-02
610616.43	4206232.03	153974.6054	0.02704	0.84382	7.29566E-06	2.7045E-02
610770.43	4206232.03	319446.6786	0.05609	0.18860	1.63063E-06	5.6096E-02
610777.43	4206232.03	301191.3554	0.05289	0.18050	1.56060E-06	5.2890E-02
610784.43	4206232.03	275218.3587	0.04833	0.17306	1.49628E-06	4.8329E-02
610791.43	4206232.03	248582.9905	0.04365	0.16618	1.43679E-06	4.3652E-02
610798.43	4206232.03	225172.2922	0.03954	0.15979	1.38154E-06	3.9541E-02
610805.43	4206232.03	205040.7333	0.03600	0.15384	1.33010E-06	3.6006E-02
610812.43	4206232.03	187763.5876	0.03297	0.14828	1.28203E-06	3.2972E-02
610833.43	4206232.03	148253.9298	0.02603	0.13357	1.15485E-06	2.6034E-02
610840.43	4206232.03	138026.1578	0.02424	0.12922	1.11724E-06	2.4238E-02
610847.43	4206232.03	128869.5362	0.02263	0.12511	1.08170E-06	2.2630E-02
610854.43	4206232.03	120616.373	0.02118	0.12121	1.04798E-06	2.1181E-02
610861.43	4206232.03	113135.2081	0.01987	0.11752	1.01608E-06	1.9867E-02
610868.43	4206232.03	106318.9118	0.01867	0.11401	9.85730E-07	1.8670E-02
610875.43	4206232.03	100080.3483	0.01757	0.11068	9.56939E-07	1.7575E-02
610882.43	4206232.03	94348.24018	0.01657	0.10750	9.29444E-07	1.6568E-02
610889.43	4206232.03	89063.94551	0.01564	0.10447	9.03247E-07	1.5640E-02
610896.43	4206232.03	84178.55486	0.01478	0.10158	8.78260E-07	1.4782E-02
610903.43	4206232.03	79649.2818	0.01399	0.09882	8.54397E-07	1.3987E-02
610910.43	4206232.03	75440.87333	0.01325	0.09617	8.31485E-07	1.3248E-02
610917.43	4206232.03	71522.44131	0.01256	0.09364	8.09611E-07	1.2560E-02
610924.43	4206232.03	67867.69741	0.01192	0.09122	7.88688E-07	1.1918E-02
610931.43	4206232.03	64453.06011	0.01132	0.08889	7.68543E-07	1.1319E-02
610952.43	4206232.03	55457.89819	0.00974	0.08246	7.12949E-07	9.7390E-03
610959.43	4206232.03	52821.64599	0.00928	0.08048	6.95830E-07	9.2761E-03
610966.43	4206232.03	50343.70865	0.00884	0.07857	6.79316E-07	8.8409E-03
610973.43	4206232.03	48012.37631	0.00843	0.07673	6.63407E-07	8.4315E-03
610980.43	4206232.03	45817.09034	0.00805	0.07497	6.48190E-07	8.0460E-03
610987.43	4206232.03	43748.19805	0.00768	0.07326	6.33406E-07	7.6827E-03
610994.43	4206232.03	41796.77499	0.00734	0.07161	6.19140E-07	7.3400E-03
611001.43	4206232.03	39954.97674	0.00702	0.07003	6.05479E-07	7.0166E-03
611008.43	4206232.03	38215.39855	0.00671	0.06849	5.92164E-07	6.7111E-03
611029.43	4206232.03	33544.56514	0.00589	0.06420	5.55073E-07	5.8909E-03
611036.43	4206232.03	32151.21319	0.00565	0.06286	5.43487E-07	5.6462E-03
611043.43	4206232.03	30831.02863	0.00541	0.06156	5.32247E-07	5.4144E-03
611050.43	4206232.03	29579.50264	0.00519	0.06031	5.21440E-07	5.1946E-03
611057.43	4206232.03	28392.5804	0.00499	0.05909	5.10892E-07	4.9862E-03
611064.43	4206232.03	27265.99555	0.00479	0.05792	5.00776E-07	4.7883E-03
611071.43	4206232.03	26196.42367	0.00460	0.05678	4.90920E-07	4.6005E-03
611078.43	4206232.03	25180.34711	0.00442	0.05567	4.81323E-07	4.4221E-03
611085.43	4206232.03	24214.53531	0.00425	0.05460	4.72071E-07	4.2525E-03
611092.43	4206232.03	23296.17905	0.00409	0.05356	4.63079E-07	4.0912E-03
610294.43	4206239.03	4614.31386	0.00081	1.48970	1.28799E-05	8.2314E-04
610301.43	4206239.03	4771.63643	0.00084	1.48681	1.28550E-05	8.5074E-04
610308.43	4206239.03	4937.40947	0.00087	1.48393	1.28301E-05	8.7983E-04
610315.43	4206239.03	5112.23602	0.00090	1.48116	1.28061E-05	9.1050E-04
610322.43	4206239.03	5296.85444	0.00093	1.47826	1.27810E-05	9.4290E-04
610329.43	4206239.03	5492.01322	0.00096	1.47545	1.27567E-05	9.7714E-04
610336.43	4206239.03	5698.07321	0.00100	1.47234	1.27298E-05	1.0133E-03
610343.43	4206239.03	5918.98453	0.00104	1.47037	1.27128E-05	1.0521E-03
610350.43	4206239.03	6154.01186	0.00108	1.46840	1.26958E-05	1.0933E-03
610357.43	4206239.03	6403.87406	0.00112	1.46614	1.26762E-05	1.1372E-03
610364.43	4206239.03	6669.83583	0.00117	1.46362	1.26545E-05	1.1839E-03
610371.43	4206239.03	6953.38906	0.00122	1.46082	1.26302E-05	1.2336E-03
610378.43	4206239.03	7256.17639	0.00127	1.45775	1.26037E-05	1.2868E-03
610385.43	4206239.03	7579.99188	0.00133	1.45443	1.25750E-05	1.3436E-03
610392.43	4206239.03	7926.96325	0.00139	1.45084	1.25440E-05	1.4045E-03
610399.43	4206239.03	8299.36742	0.00146	1.44698	1.25106E-05	1.4699E-03
610406.43	4206239.03	8699.83861	0.00153	1.44284	1.24748E-05	1.5401E-03
610413.43	4206239.03	9131.4221	0.00160	1.43840	1.24364E-05	1.6159E-03
610420.43	4206239.03	9597.39169	0.00169	1.43366	1.23954E-05	1.6977E-03
610427.43	4206239.03	10101.78474	0.00177	1.42860	1.23517E-05	1.7862E-03
610434.43	4206239.03	10648.94464	0.00187	1.42319	1.23049E-05	1.8822E-03
610441.43	4206239.03	11244.09583	0.00197	1.41742	1.22550E-05	1.9867E-03
610448.43	4206239.03	11893.1704	0.00209	1.41126	1.22017E-05	2.1006E-03
610455.43	4206239.03	12603.12934	0.00221	1.40470	1.21450E-05	2.2252E-03
610462.43	4206239.03	13382.06888	0.00235	1.39770	1.20845E-05	2.3619E-03
610469.43	4206239.03	14239.57987	0.00250	1.39023	1.20199E-05	2.5125E-03
610476.43	4206239.03	15186.87637	0.00267	1.38227	1.19511E-05	2.6787E-03
610483.43	4206239.03	16237.49577	0.00285	1.37376	1.18775E-05	2.8631E-03
610497.43	4206239.03	18739.19125	0.00329	1.35512	1.17164E-05	3.3023E-03
610504.43	4206239.03	20223.88004	0.00355	1.34468	1.16261E-05	3.5629E-03
610511.43	4206239.03	21905.74064	0.00385	1.33342	1.15287E-05	3.8581E-03
610518.43	4206239.03	23818.31206	0.00418	1.32120	1.14231E-05	4.1939E-03
610525.43	4206239.03	26006.597	0.00457	1.30795	1.13085E-05	4.5780E-03
610532.43	4206239.03	28527.12773	0.00501	1.29353	1.11839E-05	5.0205E-03
610539.43	4206239.03	31446.10351	0.00552	1.27780	1.10479E-05	5.5329E-03
610546.43	4206239.03	34863.82095	0.00612	1.26060	1.08991E-05	6.1329E-03
610553.43	4206239.03	38892.78175	0.00683	1.24174	1.07361E-05	6.8402E-03
610560.43	4206239.03	43684.78908	0.00767	1.22100	1.05568E-05	7.6815E-03
610567.43	4206239.03	49439.48274	0.00868	1.19820	1.03596E-05	8.6918E-03
610574.43	4206239.03	56419.86388	0.00991	1.17308	1.01424E-05	9.9173E-03
610581.43	4206239.03	64965.67114	0.01141	1.14542	9.90330E-06	1.1418E-02
610588.43	4206239.03	75575.17264	0.01327	1.11494	9.63977E-06	1.3280E-02
610595.43	4206239.03	88868.23581	0.01561	1.08138	9.34961E-06	1.5614E-02
610602.43	4206239.03	105592.3903	0.01854	1.04454	9.03109E-06	1.8551E-02
610609.43	4206239.03	126183.5959	0.02216	1.00434	8.68352E-06	2.2166E-02
610616.43	4206239.03	149022.0633	0.02617	0.96061	8.30543E-06	2.6176E-02
610770.43	4206239.03	318501.0795	0.05593	0.20292	1.75445E-06	5.5930E-02
610777.43	4206239.03	300264.5342	0.05273	0.19402	1.67750E-06	5.2727E-02
610784.43	4206239.03	274405.2752	0.04818	0.18585	1.60686E-06	4.8187E-02
610791.43	4206239.03	247987.6701	0.04355	0.17830	1.54158E-06	4.3548E-02
610798.43	4206239.03	224789.972	0.03947	0.17128	1.48089E-06	3.9474E-02
610805.43	4206239.03	204849.9799	0.03597	0.16475	1.42443E-06	3.5973E-02
610812.43	4206239.03	187722.6518	0.03296	0.15865	1.37169E-06	3.2965E-02
610833.43	4206239.03	148551.3414	0.02609	0.14251	1.23214E-06	2.6087E-02
610840.43	4206239.03	138405.2385	0.02430	0.13775	1.19099E-06	2.4305E-02
610847.43	4206239.03	129320.1431	0.02271	0.13324	1.15199E-06	2.2709E-02
610854.43	4206239.03	121130.0494	0.02127	0.12898	1.11516E-06	2.1271E-02
610861.43	4206239.03	113704.5719	0.01997	0.12494	1.08023E-06	1.9967E-02
610868.43	4206239.03	106938.2248	0.01878	0.12111	1.04712E-06	1.8779E-02
610875.43	4206239.03	100743.4186	0.01769	0.11747	1.01565E-06	1.7691E-02
610882.43	4206239.03	95050.22544	0.01669	0.11400	9.85643E-07	1.6692E-02
610889.43	4206239.03	89799.42699	0.01577	0.11069	9.57025E-07	1.5770E-02
610896.43	4206239.03	84942.10947	0.01492	0.10754	9.29790E-07	1.4917E-02
610903.43	4206239.03	80437.05987	0.01412	0.10453	9.03766E-07	1.4125E-02
610910.43	4206239.03	76248.50059	0.01339	0.10166	8.78952E-07	1.3390E-02
610917.43	4206239.03	72345.99838	0.01270	0.09890	8.55089E-07	1.2705E-02
610924.43	4206239.03	68703.30071	0.01206	0.09627	8.32350E-07	1.2065E-02
610931.43	4206239.03	65297.55795	0.01147	0.09375	8.10562E-07	1.1467E-02
610952.43	4206239.03	56310.81139	0.00989	0.08678	7.50299E-07	9.8888E-03
610959.43	4206239.03	53672.42436	0.00942	0.08463	7.31711E-07	9.4255E-03
610966.43	4206239.03	51190.14086	0.00899	0.08257	7.13900E-07	8.9896E-03
610973.43	4206239.03	48852.51939	0.00858	0.08059	6.96781E-07	8.5791E-03
610980.43	4206239.03	46649.32453	0.00819	0.07868	6.80267E-07	8.1922E-03
610987.43	4206239.03	44570.99676	0.00783	0.07685	6.64445E-07	7.8272E-03
610994.43	4206239.03	42609.00108	0.00748	0.07507	6.49055E-07	7.4827E-03
611001.43	4206239.03	40755.40081	0.00716	0.07337	6.34357E-07	7.1572E-03
611008.43	4206239.03	39003.06736	0.00685	0.07172	6.20091E-07	6.8495E-03
611029.43	4206239.03	34289.84087	0.00602	0.06711	5.80233E-07	6.0218E-03
611036.43	4206239.03	32881.28901	0.00577	0.06568	5.67869E-07	5.7744E-03
611043.43	4206239.03	31545.58546	0.00554	0.06429	5.55851E-07	5.5399E-03
611050.43	4206239.03	30278.40975	0.00532	0.06295	5.44265E-07	5.3174E-03
611057.43	4206239.03	29075.43176	0.00511	0.06165	5.33026E-07	5.1061E-03
611064.43	4206239.03	27932.9948	0.00490	0.06039	5.22132E-07	4.9055E-03
611071.43	4206239.03	26847.41493	0.00471	0.05918	5.11670E-07	4.7149E-03
611078.43	4206239.03	25815.32062	0.00453	0.05800	5.01468E-07	4.5336E-03
611085.43	4206239.03	24833.657	0.00436	0.05685	4.91525E-07	4.3612E-03
611092.43	4206239.03	23899.49623	0.00420	0.05575	4.82014E-07	4.1972E-03
610294.43	4206246.03	4499.84423	0.00079	1.66803	1.44218E-05	8.0458E-04
610301.43	4206246.03	4650.84594	0.00082	1.66434	1.43899E-05	8.3107E-04
610308.43	4206246.03	4809.82823	0.00084	1.66070	1.43584E-05	8.5895E-04
610315.43	4206246.03	4977.37984	0.00087	1.65720	1.43281E-05	8.8834E-04
610322.43	4206246.03	5154.19899	0.00091	1.65371	1.42980E-05	9.1936E-04
610329.43	4206246.03	5340.99037	0.00094	1.65030	1.42685E-05	9.5213E-04
610336.43	4206246.03	5538.99015	0.00097	1.64719	1.42416E-05	9.8688E-04
610343.43	4206246.03	5750.17849	0.00101	1.64479	1.42208E-05	1.0239E-03
610350.43	4206246.03	5975.22315	0.00105	1.64268	1.42026E-05	1.0634E-03

610357.43	4206246.03	6214.28069	0.00109	1.64026	1.41817E-05	1.1054E-03
610364.43	4206246.03	6468.59364	0.00114	1.63754	1.41582E-05	1.1500E-03
610371.43	4206246.03	6739.48786	0.00118	1.63453	1.41321E-05	1.1976E-03
610378.43	4206246.03	7028.46486	0.00123	1.63124	1.41037E-05	1.2483E-03
610385.43	4206246.03	7337.34539	0.00129	1.62767	1.40728E-05	1.3025E-03
610392.43	4206246.03	7667.9618	0.00135	1.62383	1.40396E-05	1.3605E-03
610399.43	4206246.03	8022.52731	0.00141	1.61971	1.40040E-05	1.4227E-03
610406.43	4206246.03	8403.44344	0.00148	1.61530	1.39659E-05	1.4896E-03
610413.43	4206246.03	8813.47797	0.00155	1.61059	1.39252E-05	1.5616E-03
610420.43	4206246.03	9255.90217	0.00163	1.60555	1.38816E-05	1.6392E-03
610427.43	4206246.03	9734.20351	0.00171	1.60017	1.38351E-05	1.7231E-03
610434.43	4206246.03	10252.54289	0.00180	1.59443	1.37854E-05	1.8141E-03
610441.43	4206246.03	10815.68149	0.00190	1.58831	1.37325E-05	1.9129E-03
610448.43	4206246.03	11429.19229	0.00201	1.58179	1.36761E-05	2.0206E-03
610455.43	4206246.03	12099.45766	0.00212	1.57486	1.36162E-05	2.1383E-03
610462.43	4206246.03	12833.97386	0.00225	1.56747	1.35523E-05	2.2672E-03
610469.43	4206246.03	13641.64223	0.00240	1.55961	1.34844E-05	2.4089E-03
610476.43	4206246.03	14532.87127	0.00255	1.55124	1.34120E-05	2.5654E-03
610483.43	4206246.03	15520.12386	0.00273	1.54233	1.33350E-05	2.7386E-03
610497.43	4206246.03	17862.70741	0.00314	1.52279	1.31660E-05	3.1498E-03
610504.43	4206246.03	19253.58048	0.00338	1.51192	1.30721E-05	3.3940E-03
610511.43	4206246.03	20824.91158	0.00366	1.50021	1.29708E-05	3.6698E-03
610518.43	4206246.03	22610.72148	0.00397	1.48757	1.28615E-05	3.9833E-03
610525.43	4206246.03	24657.13003	0.00433	1.47385	1.27429E-05	4.3425E-03
610532.43	4206246.03	27010.58304	0.00474	1.45896	1.26142E-05	4.7556E-03
610539.43	4206246.03	29742.33253	0.00522	1.44274	1.24739E-05	5.2352E-03
610546.43	4206246.03	32939.52289	0.00578	1.42499	1.23205E-05	5.7964E-03
610553.43	4206246.03	36715.42188	0.00645	1.40551	1.21520E-05	6.4593E-03
610560.43	4206246.03	41225.42364	0.00724	1.38405	1.19665E-05	7.2511E-03
610567.43	4206246.03	46661.14339	0.00819	1.36030	1.17611E-05	8.2054E-03
610574.43	4206246.03	53295.76016	0.00936	1.33398	1.15336E-05	9.3702E-03
610581.43	4206246.03	61463.86632	0.01079	1.30483	1.12816E-05	1.0804E-02
610588.43	4206246.03	71668.73875	0.01258	1.27242	1.10013E-05	1.2596E-02
610595.43	4206246.03	84518.21443	0.01484	1.23651	1.06909E-05	1.4852E-02
610602.43	4206246.03	100815.4089	0.01770	1.19663	1.03461E-05	1.7713E-02
610609.43	4206246.03	120991.5226	0.02125	1.15259	9.96529E-06	2.1256E-02
610616.43	4206246.03	143525.7458	0.02520	1.10412	9.54622E-06	2.5212E-02
610770.43	4206246.03	317334.289	0.05572	0.21932	1.89624E-06	5.5725E-02
610777.43	4206246.03	299149.1138	0.05253	0.20946	1.81099E-06	5.2532E-02
610784.43	4206246.03	273428.9118	0.04801	0.20041	1.73274E-06	4.8015E-02
610791.43	4206246.03	247272.7242	0.04342	0.19205	1.66046E-06	4.3422E-02
610798.43	4206246.03	224249.8196	0.03938	0.18429	1.59337E-06	3.9379E-02
610805.43	4206246.03	204502.8088	0.03591	0.17706	1.53086E-06	3.5912E-02
610812.43	4206246.03	187527.3386	0.03293	0.17031	1.47250E-06	3.2931E-02
610833.43	4206246.03	148690.5032	0.02611	0.15248	1.31834E-06	2.6111E-02
610840.43	4206246.03	138625.5541	0.02434	0.14722	1.27286E-06	2.4344E-02
610847.43	4206246.03	129613.3294	0.02276	0.14226	1.22998E-06	2.2761E-02
610854.43	4206246.03	121488.3155	0.02133	0.13756	1.18934E-06	2.1334E-02
610861.43	4206246.03	114120.8753	0.02004	0.13312	1.15095E-06	2.0041E-02
610868.43	4206246.03	107406.7278	0.01886	0.12890	1.11447E-06	1.8861E-02
610875.43	4206246.03	101259.5225	0.01778	0.12490	1.07988E-06	1.7782E-02
610882.43	4206246.03	95608.19353	0.01679	0.12110	1.04703E-06	1.6790E-02
610889.43	4206246.03	90394.66198	0.01587	0.11747	1.01565E-06	1.5874E-02
610896.43	4206246.03	85570.43423	0.01503	0.11402	9.85816E-07	1.5027E-02
610903.43	4206246.03	81094.00708	0.01424	0.11073	9.57371E-07	1.4241E-02
610910.43	4206246.03	76930.02442	0.01351	0.10759	9.30223E-07	1.3510E-02
610917.43	4206246.03	73048.45634	0.01283	0.10459	9.04285E-07	1.2828E-02
610924.43	4206246.03	69423.01452	0.01219	0.10172	8.79471E-07	1.2191E-02
610931.43	4206246.03	66031.04849	0.01159	0.09898	8.55781E-07	1.1596E-02
610938.43	4206246.03	62852.62978	0.01104	0.09635	8.33042E-07	1.1038E-02
610959.43	4206246.03	54432.45059	0.00956	0.08908	7.70185E-07	9.5590E-03
610966.43	4206246.03	51950.66522	0.00912	0.08685	7.50905E-07	9.1232E-03
610973.43	4206246.03	49611.62903	0.00871	0.08471	7.32402E-07	8.7124E-03
610980.43	4206246.03	47404.95223	0.00832	0.08265	7.14591E-07	8.3249E-03
610987.43	4206246.03	45321.73044	0.00796	0.08066	6.97386E-07	7.9591E-03
610994.43	4206246.03	43353.2084	0.00761	0.07875	6.80872E-07	7.6134E-03
611001.43	4206246.03	41491.98959	0.00729	0.07691	6.64963E-07	7.2866E-03
611008.43	4206246.03	39730.76622	0.00698	0.07514	6.49660E-07	6.9773E-03
611029.43	4206246.03	34985.73633	0.00614	0.07019	6.06862E-07	6.1440E-03
611036.43	4206246.03	33565.12263	0.00589	0.06865	5.93548E-07	5.8946E-03
611043.43	4206246.03	32217.02238	0.00566	0.06717	5.80751E-07	5.6578E-03
611050.43	4206246.03	30936.91267	0.00543	0.06573	5.68301E-07	5.4330E-03
611057.43	4206246.03	29720.77784	0.00522	0.06434	5.56283E-07	5.2195E-03
611064.43	4206246.03	28564.90845	0.00502	0.06300	5.44698E-07	5.0165E-03
611071.43	4206246.03	27465.66897	0.00482	0.06170	5.33458E-07	4.8234E-03
611078.43	4206246.03	26419.84964	0.00464	0.06044	5.22564E-07	4.6398E-03
611085.43	4206246.03	25424.39983	0.00446	0.05922	5.12016E-07	4.4650E-03
611092.43	4206246.03	24476.44824	0.00430	0.05804	5.01814E-07	4.2985E-03
610294.43	4206253.03	4386.56189	0.00077	1.88733	1.63178E-05	7.8659E-04
610301.43	4206253.03	4531.75243	0.00080	1.88284	1.62790E-05	8.1204E-04
610308.43	4206253.03	4684.14744	0.00082	1.87828	1.62396E-05	8.3877E-04
610315.43	4206253.03	4844.63177	0.00085	1.87374	1.62003E-05	8.6691E-04
610322.43	4206253.03	5014.2814	0.00088	1.86979	1.61662E-05	8.9666E-04
610329.43	4206253.03	5192.9502	0.00091	1.86551	1.61292E-05	9.2800E-04
610336.43	4206253.03	5382.19264	0.00095	1.86170	1.60962E-05	9.6120E-04
610343.43	4206253.03	5584.37348	0.00098	1.85901	1.60730E-05	9.9668E-04
610350.43	4206253.03	5799.72244	0.00102	1.85666	1.60527E-05	1.0345E-03
610357.43	4206253.03	6028.27067	0.00106	1.85395	1.60292E-05	1.0746E-03
610364.43	4206253.03	6271.17277	0.00110	1.85092	1.60030E-05	1.1172E-03
610371.43	4206253.03	6529.75465	0.00115	1.84758	1.59742E-05	1.1626E-03
610378.43	4206253.03	6805.37352	0.00120	1.84394	1.59427E-05	1.2110E-03
610385.43	4206253.03	7099.65609	0.00125	1.84002	1.59088E-05	1.2626E-03
610392.43	4206253.03	7414.43756	0.00130	1.83581	1.58724E-05	1.3178E-03
610399.43	4206253.03	7751.61726	0.00136	1.83131	1.58335E-05	1.3770E-03
610406.43	4206253.03	8113.5425	0.00142	1.82650	1.57919E-05	1.4405E-03
610413.43	4206253.03	8502.7684	0.00149	1.82137	1.57476E-05	1.5088E-03
610420.43	4206253.03	8922.17967	0.00157	1.81590	1.57003E-05	1.5824E-03
610427.43	4206253.03	9375.14822	0.00165	1.81007	1.56499E-05	1.6619E-03
610434.43	4206253.03	9865.41436	0.00173	1.80386	1.55962E-05	1.7479E-03
610441.43	4206253.03	10397.43355	0.00183	1.79725	1.55390E-05	1.8413E-03
610448.43	4206253.03	10976.28824	0.00193	1.79021	1.54781E-05	1.9429E-03
610455.43	4206253.03	11607.80307	0.00204	1.78274	1.54136E-05	2.0537E-03
610462.43	4206253.03	12298.94839	0.00216	1.77481	1.53450E-05	2.1750E-03
610469.43	4206253.03	13057.89246	0.00229	1.76639	1.52722E-05	2.3082E-03
610476.43	4206253.03	13894.1277	0.00244	1.75746	1.51950E-05	2.4550E-03
610483.43	4206253.03	14819.10333	0.00260	1.74797	1.51129E-05	2.6173E-03
610497.43	4206253.03	17007.2244	0.00299	1.72723	1.49336E-05	3.0014E-03
610504.43	4206253.03	18302.27326	0.00321	1.71575	1.48344E-05	3.2287E-03
610511.43	4206253.03	19766.41216	0.00347	1.70344	1.47279E-05	3.4857E-03
610518.43	4206253.03	21425.23544	0.00376	1.69020	1.46135E-05	3.7768E-03
610525.43	4206253.03	23321.02638	0.00410	1.67591	1.44899E-05	4.1096E-03
610532.43	4206253.03	25507.28325	0.00448	1.66042	1.43560E-05	4.4934E-03
610539.43	4206253.03	28040.36876	0.00492	1.64359	1.42105E-05	4.9380E-03
610546.43	4206253.03	31011.51072	0.00545	1.62523	1.40517E-05	5.4596E-03
610553.43	4206253.03	34518.70615	0.00606	1.60512	1.38779E-05	6.0753E-03
610560.43	4206253.03	38723.51843	0.00680	1.58285	1.36853E-05	6.8134E-03
610567.43	4206253.03	43815.33662	0.00769	1.55817	1.34719E-05	7.7073E-03
610574.43	4206253.03	50049.19752	0.00879	1.53068	1.32343E-05	8.8018E-03
610581.43	4206253.03	57778.82667	0.01015	1.50005	1.29694E-05	1.0159E-02
610588.43	4206253.03	67502.29511	0.01185	1.46573	1.26727E-05	1.1866E-02
610595.43	4206253.03	79838.06197	0.01402	1.42741	1.23414E-05	1.4032E-02
610602.43	4206253.03	95582.75428	0.01678	1.38448	1.19702E-05	1.6796E-02
610609.43	4206253.03	115254.0988	0.02024	1.33645	1.15549E-05	2.0250E-02
610616.43	4206253.03	137306.39	0.02411	1.28297	1.10926E-05	2.4122E-02
610770.43	4206253.03	315921.5126	0.05548	0.23821	2.05956E-06	5.5477E-02
610777.43	4206253.03	297814.4424	0.05230	0.22718	1.96420E-06	5.2298E-02
610784.43	4206253.03	272262.0991	0.04781	0.21706	1.87670E-06	4.7810E-02
610791.43	4206253.03	246408.72	0.04327	0.20771	1.79586E-06	4.3271E-02
610798.43	4206253.03	223538.9356	0.03925	0.19904	1.72090E-06	3.9255E-02
610805.43	4206253.03	203985.368	0.03582	0.19096	1.65104E-06	3.5821E-02
610812.43	4206253.03	187162.3054	0.03287	0.18343	1.58593E-06	3.2867E-02
610840.43	4206253.03	138677.9739	0.02435	0.15773	1.36373E-06	2.4353E-02
610847.43	4206253.03	129739.5735	0.02278	0.15222	1.31609E-06	2.2783E-02
610854.43	4206253.03	121682.7162	0.02137	0.14702	1.27113E-06	2.1368E-02
610861.43	4206253.03	114376.7641	0.02008	0.14210	1.22860E-06	2.0086E-02
610868.43	4206253.03	107717.9667	0.01892	0.13744	1.18831E-06	1.8916E-02
610875.43	4206253.03	101621.6516	0.01784	0.13303	1.15018E-06	1.7846E-02
610882.43	4206253.03	96016.94332	0.01686	0.12884	1.11395E-06	1.6861E-02
610889.43	4206253.03	90845.6937	0.01595	0.12485	1.07945E-06	1.5953E-02
610896.43	4206253.03	86059.09413	0.01511	0.12106	1.04668E-06	1.5113E-02
610903.43	4206253.03	81616.20772	0.01433	0.11745	1.01547E-06	1.4333E-02
610910.43	4206253.03	77482.02351	0.01361	0.11401	9.85730E-07	1.3607E-02
610917.43	4206253.03	73626.45646	0.01293	0.11073	9.57371E-07	1.2930E-02
610924.43	4206253.03	70023.47645	0.01230	0.10759	9.30223E-07	1.2297E-02
610931.43	4206253.03	66650.5976	0.01170	0.10460	9.04371E-07	1.1705E-02
610938.43	4206253.03	63488.13989	0.01115	0.10173	8.79557E-07	1.1149E-02
610966.43	4206253.03	52622.51465	0.00924	0.09142	7.90417E-07	9.2412E-03
610973.43	4206253.03	50286.58385	0.00883	0.08910	7.70358E-07	8.8310E-03
610980.43	4206253.03	48081.26975	0.00844	0.08687	7.51078E-07	8.4437E-03

610987.43	4206253.03	45997.33768	0.00808	0.08472	7.32489E-07	8.0778E-03
610994.43	4206253.03	44026.77195	0.00773	0.08266	7.14678E-07	7.7317E-03
611001.43	4206253.03	42161.77431	0.00740	0.08068	6.97559E-07	7.4042E-03
611008.43	4206253.03	40395.74399	0.00709	0.07877	6.81045E-07	7.0941E-03
611029.43	4206253.03	35629.48282	0.00626	0.07344	6.34962E-07	6.2571E-03
611036.43	4206253.03	34200.1767	0.00601	0.07179	6.20696E-07	6.0061E-03
611043.43	4206253.03	32842.67529	0.00577	0.07020	6.06949E-07	5.7677E-03
611050.43	4206253.03	31552.55176	0.00554	0.06866	5.93634E-07	5.5412E-03
611057.43	4206253.03	30325.98531	0.00533	0.06718	5.80838E-07	5.3258E-03
611064.43	4206253.03	29159.17919	0.00512	0.06574	5.68388E-07	5.1209E-03
611071.43	4206253.03	28048.77465	0.00493	0.06435	5.56370E-07	4.9259E-03
611078.43	4206253.03	26991.55457	0.00474	0.06301	5.44784E-07	4.7402E-03
611085.43	4206253.03	25984.53632	0.00456	0.06171	5.33544E-07	4.5634E-03
611092.43	4206253.03	25024.85682	0.00439	0.06045	5.22650E-07	4.3948E-03
610294.43	4206260.03	4275.34473	0.00075	2.16333	1.87041E-05	7.6945E-04
610301.43	4206260.03	4414.12527	0.00078	2.15708	1.86501E-05	7.9376E-04
610308.43	4206260.03	4560.44188	0.00080	2.15154	1.86022E-05	8.1941E-04
610315.43	4206260.03	4714.45501	0.00083	2.14612	1.85553E-05	8.4640E-04
610322.43	4206260.03	4876.33338	0.00086	2.14066	1.85081E-05	8.7478E-04
610329.43	4206260.03	5047.48094	0.00089	2.13559	1.84643E-05	9.0479E-04
610336.43	4206260.03	5228.22607	0.00092	2.13080	1.84229E-05	9.3649E-04
610343.43	4206260.03	5421.69246	0.00095	2.12765	1.83957E-05	9.7043E-04
610350.43	4206260.03	5627.56712	0.00099	2.12486	1.83715E-05	1.0066E-03
610357.43	4206260.03	5845.91752	0.00103	2.12170	1.83442E-05	1.0449E-03
610364.43	4206260.03	6077.8159	0.00107	2.11816	1.83136E-05	1.0856E-03
610371.43	4206260.03	6324.40628	0.00111	2.11430	1.82802E-05	1.1288E-03
610378.43	4206260.03	6587.10139	0.00116	2.11013	1.82442E-05	1.1749E-03
610385.43	4206260.03	6867.27702	0.00121	2.10566	1.82055E-05	1.2241E-03
610392.43	4206260.03	7166.62784	0.00126	2.10088	1.81642E-05	1.2766E-03
610399.43	4206260.03	7487.00807	0.00131	2.09579	1.81202E-05	1.3328E-03
610406.43	4206260.03	7830.55883	0.00138	2.09039	1.80735E-05	1.3931E-03
610413.43	4206260.03	8199.56758	0.00144	2.08464	1.80238E-05	1.4578E-03
610420.43	4206260.03	8596.69986	0.00151	2.07853	1.79710E-05	1.5275E-03
610427.43	4206260.03	9025.09705	0.00158	2.07203	1.79148E-05	1.6027E-03
610434.43	4206260.03	9488.19698	0.00167	2.06512	1.78550E-05	1.6840E-03
610441.43	4206260.03	9990.0658	0.00175	2.05779	1.77916E-05	1.7720E-03
610448.43	4206260.03	10535.30192	0.00185	2.05000	1.77243E-05	1.8677E-03
610455.43	4206260.03	11129.25507	0.00195	2.04175	1.76530E-05	1.9719E-03
610462.43	4206260.03	11778.3649	0.00207	2.03302	1.75775E-05	2.0858E-03
610469.43	4206260.03	12489.88355	0.00219	2.02380	1.74978E-05	2.2107E-03
610476.43	4206260.03	13272.59827	0.00233	2.01405	1.74135E-05	2.3481E-03
610483.43	4206260.03	14136.88167	0.00248	2.00375	1.73244E-05	2.4997E-03
610497.43	4206260.03	16173.86658	0.00284	1.98126	1.71300E-05	2.8572E-03
610504.43	4206260.03	17374.99811	0.00305	1.96893	1.70234E-05	3.0680E-03
610511.43	4206260.03	18730.29734	0.00329	1.95577	1.69096E-05	3.3059E-03
610518.43	4206260.03	20266.14154	0.00356	1.94168	1.67878E-05	3.5755E-03
610525.43	4206260.03	22015.12574	0.00387	1.92659	1.66573E-05	3.8825E-03
610532.43	4206260.03	24029.38421	0.00422	1.91030	1.65164E-05	4.2360E-03
610539.43	4206260.03	26364.75818	0.00463	1.89268	1.63641E-05	4.6460E-03
610546.43	4206260.03	29093.08242	0.00511	1.87357	1.61989E-05	5.1249E-03
610553.43	4206260.03	32324.52033	0.00568	1.85263	1.60178E-05	5.6921E-03
610560.43	4206260.03	36196.91377	0.00636	1.82962	1.58189E-05	6.3719E-03
610567.43	4206260.03	40912.22684	0.00718	1.80385	1.55961E-05	7.1997E-03
610574.43	4206260.03	46706.88232	0.00820	1.77515	1.53479E-05	8.2170E-03
610581.43	4206260.03	53931.81136	0.00947	1.74295	1.50695E-05	9.4854E-03
610588.43	4206260.03	63069.86774	0.01107	1.70681	1.47571E-05	1.1090E-02
610596.6	4206262.53	75102.47096	0.01319	1.75856	1.52045E-05	1.3203E-02
610602.43	4206260.03	89854.122	0.01578	1.62008	1.40072E-05	1.5792E-02
610609.43	4206260.03	108882.2095	0.01912	1.56803	1.35572E-05	1.9133E-02
610616.43	4206260.03	130329.6805	0.02289	1.50928	1.30492E-05	2.2899E-02
610770.43	4206260.03	314102.2785	0.05516	0.26007	2.24856E-06	5.5158E-02
610777.43	4206260.03	296244.0476	0.05202	0.24758	2.14058E-06	5.2022E-02
610784.43	4206260.03	270886.5165	0.04757	0.23613	2.04158E-06	4.7569E-02
610791.43	4206260.03	245309.0496	0.04308	0.22556	1.95019E-06	4.3078E-02
610798.43	4206260.03	222629.6006	0.03909	0.21576	1.86546E-06	3.9095E-02
610805.43	4206260.03	203272.8004	0.03569	0.20666	1.78678E-06	3.5696E-02
610812.43	4206260.03	186604.0541	0.03277	0.19818	1.71346E-06	3.2769E-02
610840.43	4206260.03	138544.5795	0.02433	0.16936	1.46429E-06	2.4330E-02
610847.43	4206260.03	129684.8349	0.02277	0.16321	1.41111E-06	2.2774E-02
610854.43	4206260.03	121699.7608	0.02137	0.15742	1.36105E-06	2.1372E-02
610861.43	4206260.03	114459.8128	0.02010	0.15195	1.31376E-06	2.0100E-02
610868.43	4206260.03	107861.9778	0.01894	0.14678	1.26906E-06	1.8942E-02
610875.43	4206260.03	101821.6934	0.01788	0.14189	1.22678E-06	1.7881E-02
610882.43	4206260.03	96268.85816	0.01690	0.13725	1.18666E-06	1.6906E-02
610889.43	4206260.03	91144.96273	0.01600	0.13286	1.14871E-06	1.6006E-02
610896.43	4206260.03	86401.54116	0.01517	0.12868	1.11257E-06	1.5173E-02
610903.43	4206260.03	81997.97738	0.01440	0.12471	1.07824E-06	1.4400E-02
610910.43	4206260.03	77899.254	0.01368	0.12093	1.04556E-06	1.3680E-02
610917.43	4206260.03	74075.30555	0.01301	0.11733	1.01443E-06	1.3008E-02
610924.43	4206260.03	70500.36672	0.01238	0.11390	9.84779E-07	1.2381E-02
610973.43	4206260.03	50874.74593	0.00893	0.09376	8.10648E-07	8.9343E-03
610980.43	4206260.03	48675.18447	0.00855	0.09134	7.89725E-07	8.5480E-03
610987.43	4206260.03	46595.21867	0.00818	0.08903	7.69753E-07	8.1828E-03
610994.43	4206260.03	44626.72167	0.00784	0.08680	7.50472E-07	7.8371E-03
611001.43	4206260.03	42762.31513	0.00751	0.08466	7.31970E-07	7.5097E-03
611008.43	4206260.03	40995.18101	0.00720	0.08260	7.14159E-07	7.1994E-03
611029.43	4206260.03	36218.66481	0.00636	0.07687	6.64618E-07	6.3606E-03
611036.43	4206260.03	34783.92106	0.00611	0.07510	6.49314E-07	6.1086E-03
611043.43	4206260.03	33420.0349	0.00587	0.07339	6.34530E-07	5.8691E-03
611050.43	4206260.03	32122.90588	0.00564	0.07174	6.20264E-07	5.6413E-03
611057.43	4206260.03	30888.67849	0.00542	0.07015	6.06517E-07	5.4246E-03
611064.43	4206260.03	29713.65137	0.00522	0.06862	5.93288E-07	5.2182E-03
611071.43	4206260.03	28594.61328	0.00502	0.06713	5.80406E-07	5.0217E-03
610294.43	4206267.03	4165.48753	0.00073	2.51859	2.17757E-05	7.5323E-04
610301.43	4206267.03	4298.75041	0.00075	2.51094	2.17096E-05	7.7656E-04
610308.43	4206267.03	4438.8152	0.00078	2.50344	2.16447E-05	8.0109E-04
610315.43	4206267.03	4586.13629	0.00081	2.49643	2.15841E-05	8.2690E-04
610322.43	4206267.03	4741.23731	0.00083	2.48977	2.15265E-05	8.5408E-04
610329.43	4206267.03	4904.74046	0.00086	2.48319	2.14696E-05	8.8273E-04
610336.43	4206267.03	5077.19667	0.00089	2.47707	2.14167E-05	9.1296E-04
610343.43	4206267.03	5262.17149	0.00092	2.47312	2.13826E-05	9.4541E-04
610350.43	4206267.03	5458.91653	0.00096	2.46959	2.13521E-05	9.7993E-04
610357.43	4206267.03	5667.35711	0.00100	2.46562	2.13177E-05	1.0165E-03
610364.43	4206267.03	5888.5743	0.00103	2.46128	2.12802E-05	1.0553E-03
610371.43	4206267.03	6123.63885	0.00108	2.45657	2.12395E-05	1.0965E-03
610378.43	4206267.03	6373.72859	0.00112	2.45154	2.11960E-05	1.1404E-03
610385.43	4206267.03	6640.25859	0.00117	2.44619	2.11497E-05	1.1872E-03
610392.43	4206267.03	6924.72066	0.00122	2.44052	2.11007E-05	1.2371E-03
610399.43	4206267.03	7228.90186	0.00127	2.43453	2.10489E-05	1.2904E-03
610406.43	4206267.03	7554.62742	0.00133	2.42819	2.09941E-05	1.3476E-03
610413.43	4206267.03	7904.09094	0.00139	2.42150	2.09363E-05	1.4089E-03
610420.43	4206267.03	8279.76533	0.00145	2.41441	2.08750E-05	1.4748E-03
610427.43	4206267.03	8684.46122	0.00152	2.40692	2.08102E-05	1.5458E-03
610434.43	4206267.03	9121.36564	0.00160	2.39897	2.07415E-05	1.6224E-03
610441.43	4206267.03	9594.1075	0.00168	2.39055	2.06687E-05	1.7054E-03
610448.43	4206267.03	10106.91271	0.00177	2.38164	2.05916E-05	1.7953E-03
610455.43	4206267.03	10664.69675	0.00187	2.37223	2.05103E-05	1.8932E-03
610462.43	4206267.03	11273.13943	0.00198	2.36232	2.04246E-05	2.0000E-03
610469.43	4206267.03	11938.90622	0.00210	2.35189	2.03344E-05	2.1168E-03
610476.43	4206267.03	12669.83702	0.00222	2.34095	2.02398E-05	2.2450E-03
610483.43	4206267.03	13475.4126	0.00237	2.32943	2.01402E-05	2.3864E-03
610497.43	4206267.03	15363.90965	0.00270	2.30444	1.99242E-05	2.7178E-03
610504.43	4206267.03	16475.7961	0.00289	2.29086	1.98068E-05	2.9129E-03
610511.43	4206267.03	17725.09183	0.00311	2.27646	1.96823E-05	3.1322E-03
610518.43	4206267.03	19137.37121	0.00336	2.26116	1.95500E-05	3.3800E-03
610525.43	4206267.03	20744.75846	0.00364	2.24485	1.94090E-05	3.6621E-03
610532.43	4206267.03	22588.56554	0.00397	2.22741	1.92582E-05	3.9858E-03
610539.43	4206267.03	24721.67209	0.00434	2.20868	1.90962E-05	4.3602E-03
610546.43	4206267.03	27213.72038	0.00478	2.18848	1.89216E-05	4.7976E-03
610553.43	4206267.03	30157.09715	0.00530	2.16656	1.87321E-05	5.3143E-03
610560.43	4206267.03	33688.93251	0.00592	2.14241	1.85233E-05	5.9342E-03
610567.43	4206267.03	38001.76825	0.00667	2.11537	1.82895E-05	6.6913E-03
610574.43	4206267.03	43315.9149	0.00761	2.08518	1.80285E-05	7.6242E-03
610581.43	4206267.03	49959.75112	0.00877	2.05157	1.77379E-05	8.7906E-03
610588.43	4206267.03	58431.03026	0.01026	2.01341	1.74079E-05	1.0278E-02
610595.43	4206267.03	69379.10058	0.01218	1.97019	1.70343E-05	1.2200E-02
610602.43	4206267.03	83604.05793	0.01468	1.92119	1.66106E-05	1.4697E-02
610609.43	4206267.03	101784.3825	0.01787	1.86513	1.61259E-05	1.7889E-02
610616.43	4206267.03	122391.3188	0.02149	1.80111	1.55724E-05	2.1507E-02
610770.43	4206267.03	312102.0293	0.05480	0.28541	2.46765E-06	5.4807E-02
610777.43	4206267.03	294392.7837	0.05169	0.27107	2.34367E-06	5.1697E-02
610784.43	4206267.03	269256.8855	0.04728	0.25796	2.23032E-06	4.7283E-02
610791.43	4206267.03	243951.5453	0.04284	0.24587	2.12579E-06	4.2839E-02
610798.43	4206267.03	221483.2143	0.03889	0.23469	2.02913E-06	3.8894E-02
610805.43	4206267.03	202323.5717	0.03553	0.22433	1.93956E-06	3.5530E-02
610812.43	4206267.03	185812.7231	0.03263	0.21470	1.85630E-06	3.2630E-02
610840.43	4206267.03	138200.0885	0.02427	0.18218	1.57513E-06	2.4269E-02
610847.43	4206267.03	129425.3888	0.02273	0.17529	1.51556E-06	2.2728E-02
610854.43	4206267.03	121519.2757	0.02134	0.16881	1.45953E-06	2.1340E-02

610861.43	4206267.03	114352.9603	0.02008	0.16270	1.40670E-06	2.0082E-02
610868.43	4206267.03	107823.3076	0.01893	0.15695	1.35699E-06	1.8935E-02
610875.43	4206267.03	101846.2007	0.01788	0.15151	1.30995E-06	1.7885E-02
610882.43	4206267.03	96352.20305	0.01692	0.14637	1.26551E-06	1.6920E-02
610889.43	4206267.03	91282.74084	0.01603	0.14151	1.22349E-06	1.6030E-02
610896.43	4206267.03	86589.75882	0.01520	0.13690	1.18364E-06	1.5206E-02
610903.43	4206267.03	82232.17818	0.01444	0.13252	1.14577E-06	1.4441E-02
610910.43	4206267.03	78175.40032	0.01373	0.12836	1.10980E-06	1.3729E-02
610917.43	4206267.03	74389.58053	0.01306	0.12441	1.07565E-06	1.3064E-02
610952.43	4206267.03	58735.5852	0.01031	0.10726	9.27369E-07	1.0315E-02
610994.43	4206267.03	45150.47754	0.00793	0.09117	7.88255E-07	7.9291E-03
611001.43	4206267.03	43290.80306	0.00760	0.08886	7.68283E-07	7.6025E-03
611008.43	4206267.03	41526.73181	0.00729	0.08664	7.49089E-07	7.2928E-03
611029.43	4206267.03	36750.85777	0.00645	0.08048	6.95830E-07	6.4541E-03
611036.43	4206267.03	35313.97336	0.00620	0.07858	6.79402E-07	6.2017E-03
611043.43	4206267.03	33946.88791	0.00596	0.07675	6.63580E-07	5.9617E-03
611050.43	4206267.03	32645.77743	0.00573	0.07498	6.48277E-07	5.7332E-03
611057.43	4206267.03	31406.70517	0.00551	0.07328	6.33579E-07	5.5156E-03
611064.43	4206267.03	30226.23701	0.00531	0.07163	6.19313E-07	5.3083E-03
611071.43	4206267.03	29101.07759	0.00511	0.07005	6.05652E-07	5.1107E-03
610294.43	4206274.03	4057.44392	0.00071	2.99081	2.58585E-05	7.3834E-04
610301.43	4206274.03	4185.33834	0.00073	2.98099	2.57736E-05	7.6071E-04
610308.43	4206274.03	4319.29417	0.00076	2.97116	2.56886E-05	7.8415E-04
610315.43	4206274.03	4460.10294	0.00078	2.96193	2.56088E-05	8.0879E-04
610322.43	4206274.03	4608.25372	0.00081	2.95304	2.55320E-05	8.3473E-04
610329.43	4206274.03	4764.68675	0.00084	2.94489	2.54615E-05	8.6213E-04
610336.43	4206274.03	4929.17252	0.00087	2.93696	2.53929E-05	8.9094E-04
610343.43	4206274.03	5105.93763	0.00090	2.93168	2.53473E-05	9.2194E-04
610350.43	4206274.03	5293.80629	0.00093	2.92680	2.53051E-05	9.5489E-04
610357.43	4206274.03	5492.74835	0.00096	2.92146	2.52589E-05	9.8977E-04
610364.43	4206274.03	5703.59456	0.00100	2.91571	2.52092E-05	1.0267E-03
610371.43	4206274.03	5927.45709	0.00104	2.90959	2.51563E-05	1.0660E-03
610378.43	4206274.03	6165.44921	0.00108	2.90314	2.51005E-05	1.1077E-03
610385.43	4206274.03	6418.8167	0.00113	2.89635	2.50418E-05	1.1522E-03
610392.43	4206274.03	6688.94106	0.00117	2.88922	2.49802E-05	1.1995E-03
610399.43	4206274.03	6977.42176	0.00123	2.88175	2.49156E-05	1.2501E-03
610406.43	4206274.03	7286.00112	0.00128	2.87393	2.48480E-05	1.3043E-03
610413.43	4206274.03	7616.37487	0.00134	2.86574	2.47772E-05	1.3622E-03
610420.43	4206274.03	7971.68052	0.00140	2.85714	2.47028E-05	1.4245E-03
610427.43	4206274.03	8353.55331	0.00147	2.84808	2.46245E-05	1.4915E-03
610434.43	4206274.03	8765.27251	0.00154	2.83853	2.45419E-05	1.5637E-03
610441.43	4206274.03	9209.95987	0.00162	2.82844	2.44547E-05	1.6417E-03
610448.43	4206274.03	9691.65456	0.00170	2.81779	2.43626E-05	1.7262E-03
610455.43	4206274.03	10214.59499	0.00179	2.80658	2.42657E-05	1.8179E-03
610462.43	4206274.03	10783.95593	0.00189	2.79484	2.41642E-05	1.9178E-03
610469.43	4206274.03	11405.78832	0.00200	2.78258	2.40582E-05	2.0269E-03
610476.43	4206274.03	12087.07721	0.00212	2.76978	2.39475E-05	2.1464E-03
610483.43	4206274.03	12836.18235	0.00225	2.75642	2.38320E-05	2.2778E-03
610497.43	4206274.03	14584.0625	0.00256	2.72765	2.35832E-05	2.5845E-03
610504.43	4206274.03	15608.10269	0.00274	2.71221	2.34498E-05	2.7642E-03
610511.43	4206274.03	16755.30244	0.00294	2.69597	2.33093E-05	2.9655E-03
610518.43	4206274.03	18050.8803	0.00317	2.67873	2.31603E-05	3.1929E-03
610525.43	4206274.03	19518.06372	0.00343	2.66063	2.30038E-05	3.4503E-03
610532.43	4206274.03	21195.6126	0.00372	2.64144	2.28379E-05	3.7447E-03
610539.43	4206274.03	23130.21092	0.00406	2.62102	2.26613E-05	4.0843E-03
610546.43	4206274.03	25383.35973	0.00446	2.59921	2.24728E-05	4.4797E-03
610553.43	4206274.03	28041.93876	0.00492	2.57568	2.22693E-05	4.9464E-03
610560.43	4206274.03	31225.81946	0.00548	2.54999	2.20472E-05	5.5052E-03
610567.43	4206274.03	35110.35819	0.00617	2.52123	2.17985E-05	6.1871E-03
610574.43	4206274.03	39906.70479	0.00701	2.48927	2.15222E-05	7.0291E-03
610581.43	4206274.03	45917.88138	0.00806	2.45360	2.12138E-05	8.0843E-03
610588.43	4206274.03	53621.65529	0.00942	2.41318	2.08643E-05	9.4367E-03
610595.43	4206270.91	66239.49539	0.01163	2.17645	1.88176E-05	1.1650E-02
610601.49	4206272.08	76742.3373	0.01348	2.20119	1.90315E-05	1.3495E-02
610609.43	4206274.03	93897.7936	0.01649	2.25507	1.94973E-05	1.6508E-02
610616.43	4206274.03	113406.9517	0.01991	2.18585	1.88988E-05	1.9933E-02
610770.43	4206274.03	309677.7627	0.05438	0.31473	2.72115E-06	5.4381E-02
610777.43	4206274.03	292181.3579	0.05131	0.29806	2.57703E-06	5.1309E-02
610784.43	4206274.03	267304.6202	0.04694	0.28285	2.44552E-06	4.6941E-02
610791.43	4206274.03	242278.139	0.04254	0.26889	2.32482E-06	4.2546E-02
610798.43	4206274.03	220031.5107	0.03864	0.25602	2.21355E-06	3.8639E-02
610805.43	4206274.03	201072.8669	0.03531	0.24414	2.11083E-06	3.5310E-02
610812.43	4206274.03	184730.4915	0.03244	0.23313	2.01564E-06	3.2440E-02
610840.43	4206274.03	137607.6641	0.02416	0.19624	1.69669E-06	2.4165E-02
610847.43	4206274.03	128930.1874	0.02264	0.18849	1.62968E-06	2.2641E-02
610854.43	4206274.03	121114.0935	0.02127	0.18122	1.56683E-06	2.1269E-02
610861.43	4206274.03	114032.6965	0.02002	0.17439	1.50778E-06	2.0025E-02
610868.43	4206274.03	107582.2105	0.01889	0.16797	1.45227E-06	1.8893E-02
610875.43	4206274.03	101678.7131	0.01785	0.16192	1.39996E-06	1.7856E-02
610882.43	4206274.03	96253.11501	0.01690	0.15621	1.35059E-06	1.6903E-02
610889.43	4206274.03	91247.5704	0.01602	0.15082	1.30399E-06	1.6024E-02
610896.43	4206274.03	86613.34621	0.01521	0.14572	1.25989E-06	1.5210E-02
610903.43	4206274.03	82309.9707	0.01445	0.14090	1.21822E-06	1.4455E-02
610910.43	4206274.03	78302.99624	0.01375	0.13632	1.17862E-06	1.3751E-02
610917.43	4206274.03	74562.66075	0.01309	0.13198	1.14110E-06	1.3094E-02
610952.43	4206274.03	59078.48406	0.01037	0.11323	9.78986E-07	1.0375E-02
610959.43	4206274.03	56505.1121	0.00992	0.10999	9.50973E-07	9.9231E-03
611029.43	4206274.03	37223.93847	0.00654	0.08427	7.28598E-07	6.5372E-03
611036.43	4206274.03	35788.08561	0.00628	0.08222	7.10874E-07	6.2850E-03
611043.43	4206274.03	34421.18687	0.00604	0.08026	6.93928E-07	6.0450E-03
611050.43	4206274.03	33119.03916	0.00582	0.07837	6.77587E-07	5.8163E-03
611057.43	4206274.03	31878.01123	0.00560	0.07654	6.61764E-07	5.5984E-03
611064.43	4206274.03	30694.79242	0.00539	0.07479	6.46634E-07	5.3906E-03
611071.43	4206274.03	29566.11064	0.00519	0.07309	6.31936E-07	5.1924E-03
610294.43	4206281.03	3951.63777	0.00069	3.64232	3.14915E-05	7.2539E-04
610301.43	4206281.03	4073.62719	0.00072	3.62926	3.13786E-05	7.4670E-04
610308.43	4206281.03	4202.05416	0.00074	3.61662	3.12693E-05	7.6914E-04
610315.43	4206281.03	4336.56687	0.00076	3.60422	3.11621E-05	7.9265E-04
610322.43	4206281.03	4478.35702	0.00079	3.59254	3.10611E-05	8.1745E-04
610329.43	4206281.03	4627.19197	0.00081	3.58145	3.09652E-05	8.4349E-04
610336.43	4206281.03	4784.40229	0.00084	3.57157	3.08798E-05	8.7101E-04
610343.43	4206281.03	4953.24448	0.00087	3.56399	3.08142E-05	9.0059E-04
610350.43	4206281.03	5132.5239	0.00090	3.55666	3.07509E-05	9.3201E-04
610357.43	4206281.03	5322.1973	0.00093	3.54887	3.06835E-05	9.6525E-04
610364.43	4206281.03	5523.10211	0.00097	3.54069	3.06128E-05	1.0005E-03
610371.43	4206281.03	5736.15398	0.00101	3.53215	3.05390E-05	1.0378E-03
610378.43	4206281.03	5962.4624	0.00105	3.52325	3.04620E-05	1.0775E-03
610385.43	4206281.03	6203.11331	0.00109	3.51400	3.03820E-05	1.1196E-03
610392.43	4206281.03	6459.43178	0.00113	3.50444	3.02994E-05	1.1646E-03
610399.43	4206281.03	6732.8413	0.00118	3.49454	3.02138E-05	1.2125E-03
610406.43	4206281.03	7024.91503	0.00123	3.48427	3.01250E-05	1.2637E-03
610413.43	4206281.03	7337.51822	0.00129	3.47362	3.00329E-05	1.3185E-03
610420.43	4206281.03	7672.656	0.00135	3.46255	2.99372E-05	1.3772E-03
610427.43	4206281.03	8032.66303	0.00141	3.45102	2.98375E-05	1.4404E-03
610434.43	4206281.03	8420.09054	0.00148	3.43892	2.97329E-05	1.5083E-03
610441.43	4206281.03	8838.02973	0.00155	3.42617	2.96226E-05	1.5816E-03
610448.43	4206281.03	9289.81446	0.00163	3.41273	2.95064E-05	1.6608E-03
610455.43	4206281.03	9779.46561	0.00172	3.39867	2.93849E-05	1.7466E-03
610462.43	4206281.03	10311.51429	0.00181	3.38402	2.92582E-05	1.8399E-03
610469.43	4206281.03	10891.31783	0.00191	3.36881	2.91267E-05	1.9416E-03
610476.43	4206281.03	11525.12135	0.00202	3.35306	2.89905E-05	2.0528E-03
610483.43	4206281.03	12220.38339	0.00215	3.33677	2.88497E-05	2.1747E-03
610497.43	4206281.03	13834.2159	0.00243	3.30213	2.85502E-05	2.4578E-03
610504.43	4206281.03	14774.56822	0.00259	3.28389	2.83925E-05	2.6228E-03
610511.43	4206281.03	15826.72594	0.00278	3.26462	2.82259E-05	2.8074E-03
610518.43	4206281.03	17005.93278	0.00299	3.24474	2.80540E-05	3.0143E-03
610525.43	4206281.03	18341.66084	0.00322	3.22366	2.78717E-05	3.2486E-03
610532.43	4206281.03	19859.69988	0.00349	3.20174	2.76822E-05	3.5150E-03
610539.43	4206281.03	21606.56836	0.00379	3.17841	2.74805E-05	3.8215E-03
610546.43	4206281.03	23628.36588	0.00415	3.15403	2.72697E-05	4.1764E-03
610553.43	4206281.03	26003.60794	0.00457	3.12805	2.70451E-05	4.5932E-03
610560.43	4206281.03	28841.51146	0.00506	3.09974	2.68003E-05	5.0913E-03
610567.43	4206281.03	32298.76472	0.00567	3.06810	2.65268E-05	5.6981E-03
610574.43	4206281.03	36549.57202	0.00642	3.03350	2.62276E-05	6.4443E-03
610581.43	4206281.03	41881.44872	0.00735	2.99516	2.58961E-05	7.3802E-03
610588.43	4206281.03	48714.48397	0.00855	2.95204	2.55233E-05	8.5797E-03
610595.43	4206281.03	57684.01043	0.01013	2.90281	2.50977E-05	1.0154E-02
610602.43	4206281.03	69590.08468	0.01222	2.84697	2.46149E-05	1.2244E-02
610609.43	4206281.03	85181.30479	0.01496	2.78257	2.40581E-05	1.4982E-02
610615.78	4206280.92	101774.2052	0.01787	2.70585	2.33948E-05	1.7895E-02
610770.43	4206281.03	306713.7554	0.05386	0.34847	3.01287E-06	5.3861E-02
610777.43	4206281.03	289502.0251	0.05084	0.32886	2.84332E-06	5.0839E-02
610784.43	4206281.03	264911.3211	0.04652	0.31106	2.68942E-06	4.6521E-02
610791.43	4206281.03	240177.2028	0.04217	0.29480	2.54884E-06	4.2177E-02
610798.43	4206281.03	218165.0098	0.03831	0.27989	2.41993E-06	3.8312E-02
610805.43	4206281.03	199421.8498	0.03502	0.26618	2.30139E-06	3.5020E-02
610812.43	4206281.03	183267.5654	0.03218	0.25353	2.19202E-06	3.2184E-02
610840.43	4206281.03	136716.9247	0.02401	0.21158	1.82932E-06	2.4009E-02
610847.43	4206281.03	128156.5788	0.02250	0.20284	1.75375E-06	2.2506E-02

610854.43	4206281.03	120449.9807	0.02115	0.19467	1.68312E-06	2.1152E-02
610861.43	4206281.03	113470.1194	0.01993	0.18702	1.61697E-06	1.9927E-02
610868.43	4206281.03	107114.3039	0.01881	0.17985	1.55498E-06	1.8811E-02
610875.43	4206281.03	101298.8562	0.01779	0.17311	1.49671E-06	1.7789E-02
610882.43	4206281.03	95954.75097	0.01685	0.16677	1.44189E-06	1.6851E-02
610889.43	4206281.03	91024.66036	0.01598	0.16080	1.39028E-06	1.5985E-02
610896.43	4206281.03	86460.16891	0.01518	0.15516	1.34151E-06	1.5184E-02
610903.43	4206281.03	82221.17949	0.01444	0.14984	1.29552E-06	1.4439E-02
610910.43	4206281.03	78273.21266	0.01374	0.14480	1.25194E-06	1.3746E-02
610917.43	4206281.03	74586.99888	0.01310	0.14003	1.21070E-06	1.3099E-02
610924.43	4206281.03	71137.39321	0.01249	0.13550	1.17153E-06	1.2493E-02
610931.43	4206281.03	67902.50789	0.01192	0.13120	1.13435E-06	1.1925E-02
610938.43	4206281.03	64863.38338	0.01139	0.12712	1.09908E-06	1.1391E-02
610945.43	4206281.03	62003.46773	0.01089	0.12324	1.06553E-06	1.0889E-02
610952.43	4206281.03	59308.31241	0.01041	0.11954	1.03354E-06	1.0415E-02
610959.43	4206281.03	56764.7314	0.00997	0.11601	1.00302E-06	9.9688E-03
610966.43	4206281.03	54361.41997	0.00955	0.11265	9.73971E-07	9.5467E-03
610973.43	4206281.03	52087.92368	0.00915	0.10944	9.46218E-07	9.1475E-03
610980.43	4206281.03	49935.29573	0.00877	0.10637	9.19674E-07	8.7694E-03
610987.43	4206281.03	47894.8991	0.00841	0.10343	8.94255E-07	8.4111E-03
610994.43	4206281.03	45959.4755	0.00807	0.10062	8.69960E-07	8.0713E-03
611029.43	4206281.03	37635.52306	0.00661	0.08823	7.62836E-07	6.6095E-03
611036.43	4206281.03	36204.4289	0.00636	0.08604	7.43901E-07	6.3582E-03
611043.43	4206281.03	34840.74122	0.00612	0.08393	7.25658E-07	6.1187E-03
611050.43	4206281.03	33540.63995	0.00589	0.08191	7.08193E-07	5.8904E-03
611057.43	4206281.03	32300.65984	0.00567	0.07996	6.91334E-07	5.6726E-03
611064.43	4206281.03	31117.445	0.00546	0.07808	6.75079E-07	5.4648E-03
611071.43	4206281.03	29987.92359	0.00527	0.07627	6.59430E-07	5.2665E-03
610294.43	4206288.03	3846.11894	0.00068	4.58236	3.96191E-05	7.1499E-04
610301.43	4206288.03	3963.40364	0.00070	4.56494	3.94684E-05	7.3543E-04
610308.43	4206288.03	4086.08492	0.00072	4.54767	3.93191E-05	7.5683E-04
610315.43	4206288.03	4215.17847	0.00074	4.53099	3.91749E-05	7.7935E-04
610322.43	4206288.03	4350.47184	0.00076	4.51507	3.90373E-05	8.0297E-04
610329.43	4206288.03	4492.72208	0.00079	4.50073	3.89133E-05	8.2783E-04
610336.43	4206288.03	4642.85218	0.00082	4.48815	3.88045E-05	8.5408E-04
610343.43	4206288.03	4804.01186	0.00084	4.47656	3.87043E-05	8.8228E-04
610350.43	4206288.03	4975.02916	0.00087	4.46480	3.86026E-05	9.1221E-04
610357.43	4206288.03	5155.77336	0.00091	4.45265	3.84976E-05	9.4384E-04
610364.43	4206288.03	5347.07107	0.00094	4.44014	3.83894E-05	9.7732E-04
610371.43	4206288.03	5549.7392	0.00097	4.42729	3.82783E-05	1.0128E-03
610378.43	4206288.03	5764.75896	0.00101	4.41410	3.81643E-05	1.0504E-03
610385.43	4206288.03	5993.22035	0.00105	4.40062	3.80477E-05	1.0904E-03
610392.43	4206288.03	6236.24906	0.00110	4.38684	3.79286E-05	1.1330E-03
610399.43	4206288.03	6495.14065	0.00114	4.37274	3.78067E-05	1.1783E-03
610406.43	4206288.03	6771.41497	0.00119	4.35828	3.76817E-05	1.2267E-03
610413.43	4206288.03	7066.70742	0.00124	4.34349	3.75538E-05	1.2785E-03
610420.43	4206288.03	7382.82004	0.00130	4.32832	3.74226E-05	1.3338E-03
610427.43	4206288.03	7721.82543	0.00136	4.31266	3.72872E-05	1.3932E-03
610434.43	4206288.03	8086.19303	0.00142	4.29634	3.71461E-05	1.4571E-03
610441.43	4206288.03	8478.4617	0.00149	4.27919	3.69979E-05	1.5258E-03
610448.43	4206288.03	8901.75871	0.00156	4.26116	3.68420E-05	1.6000E-03
610455.43	4206288.03	9359.6656	0.00164	4.24231	3.66790E-05	1.6802E-03
610462.43	4206288.03	9856.1485	0.00173	4.22279	3.65102E-05	1.7672E-03
610469.43	4206288.03	10395.96866	0.00183	4.20267	3.63363E-05	1.8618E-03
610476.43	4206288.03	10984.71132	0.00193	4.18205	3.61580E-05	1.9650E-03
610483.43	4206288.03	11628.86119	0.00204	4.16088	3.59749E-05	2.0780E-03
610497.43	4206288.03	13115.7342	0.00230	4.11679	3.55937E-05	2.3387E-03
610504.43	4206288.03	13978.90876	0.00245	4.09373	3.53944E-05	2.4901E-03
610511.43	4206288.03	14939.28219	0.00262	4.06992	3.51885E-05	2.6585E-03
610518.43	4206288.03	16013.56027	0.00281	4.04525	3.49752E-05	2.8469E-03
610525.43	4206288.03	17222.86948	0.00302	4.01962	3.47536E-05	3.0591E-03
610532.43	4206288.03	18593.61428	0.00326	3.99293	3.45229E-05	3.2995E-03
610539.43	4206288.03	20159.93658	0.00354	3.96509	3.42821E-05	3.5743E-03
610546.43	4206288.03	21966.3993	0.00386	3.93603	3.40309E-05	3.8913E-03
610553.43	4206288.03	24072.18	0.00423	3.90560	3.37678E-05	4.2608E-03
610560.43	4206288.03	26577.6767	0.00467	3.87245	3.34812E-05	4.7005E-03
610567.43	4206288.03	29617.56431	0.00520	3.83576	3.31640E-05	5.2339E-03
610574.43	4206288.03	33326.25331	0.00585	3.79679	3.28270E-05	5.8848E-03
610581.43	4206288.03	37961.81603	0.00667	3.75398	3.24569E-05	6.6985E-03
610588.43	4206288.03	43871.02273	0.00770	3.70680	3.20490E-05	7.7357E-03
610595.43	4206288.03	51625.43189	0.00907	3.65350	3.15881E-05	9.0969E-03
610603.83	4206287.38	65176.17334	0.01144	3.49880	3.02506E-05	1.1475E-02
610609.43	4206288.03	75681.71747	0.01329	3.52328	3.04623E-05	1.3320E-02
610615.78	4206287.92	90491.90123	0.01589	3.43704	2.97166E-05	1.5920E-02
610770.43	4206288.03	303018.824	0.05321	0.38688	3.34496E-06	5.3213E-02
610777.43	4206288.03	286159.3487	0.05025	0.36363	3.14394E-06	5.0252E-02
610784.43	4206288.03	261883.9651	0.04599	0.34268	2.96281E-06	4.5989E-02
610791.43	4206288.03	237461.6792	0.04170	0.32366	2.79836E-06	4.1701E-02
610798.43	4206288.03	215714.8723	0.03788	0.30632	2.64844E-06	3.7882E-02
610805.43	4206288.03	197217.467	0.03463	0.29047	2.51140E-06	3.4633E-02
610812.43	4206288.03	181293.2485	0.03183	0.27592	2.38560E-06	3.1837E-02
610840.43	4206288.03	135466.2654	0.02379	0.22817	1.97276E-06	2.3790E-02
610847.43	4206288.03	127054.5977	0.02231	0.21832	1.88759E-06	2.2312E-02
610854.43	4206288.03	119485.0177	0.02098	0.20915	1.80831E-06	2.0983E-02
610861.43	4206288.03	112631.5769	0.01978	0.20059	1.73430E-06	1.9780E-02
610868.43	4206288.03	106392.1162	0.01868	0.19258	1.66505E-06	1.8684E-02
610875.43	4206288.03	100683.6155	0.01768	0.18508	1.60020E-06	1.7681E-02
610882.43	4206288.03	95438.01294	0.01676	0.17804	1.53933E-06	1.6760E-02
610889.43	4206288.03	90598.48423	0.01591	0.17143	1.48218E-06	1.5910E-02
610896.43	4206288.03	86117.3927	0.01512	0.16520	1.42832E-06	1.5123E-02
610903.43	4206288.03	81954.8805	0.01439	0.15933	1.37757E-06	1.4392E-02
610910.43	4206288.03	78077.00211	0.01371	0.15379	1.32967E-06	1.3711E-02
610917.43	4206288.03	74455.07521	0.01307	0.14855	1.28436E-06	1.3075E-02
610924.43	4206288.03	71064.15952	0.01248	0.14359	1.24148E-06	1.2480E-02
610931.43	4206288.03	67882.71261	0.01192	0.13889	1.20084E-06	1.1921E-02
610938.43	4206288.03	64892.42078	0.01139	0.13444	1.16237E-06	1.1396E-02
610945.43	4206288.03	62076.78772	0.01090	0.13020	1.12571E-06	1.0902E-02
610952.43	4206288.03	59421.52133	0.01043	0.12618	1.09095E-06	1.0435E-02
610959.43	4206288.03	56914.11296	0.00999	0.12235	1.05784E-06	9.9950E-03
610966.43	4206288.03	54543.31336	0.00958	0.11870	1.02628E-06	9.5787E-03
610973.43	4206288.03	52298.95018	0.00918	0.11522	9.96192E-07	9.1846E-03
610980.43	4206288.03	50172.21721	0.00881	0.11190	9.67487E-07	8.8111E-03
610987.43	4206288.03	48154.99792	0.00846	0.10873	9.40079E-07	8.4569E-03
610994.43	4206288.03	46239.85636	0.00812	0.10570	9.13882E-07	8.1205E-03
611001.43	4206288.03	44420.27191	0.00780	0.10280	8.88808E-07	7.8010E-03
611008.43	4206288.03	42690.29462	0.00750	0.10003	8.64859E-07	7.4972E-03
611036.43	4206288.03	36560.9581	0.00642	0.09002	7.78312E-07	6.4208E-03
611043.43	4206288.03	35203.83169	0.00618	0.08777	7.58859E-07	6.1825E-03
611050.43	4206288.03	33908.93554	0.00595	0.08560	7.40097E-07	5.9551E-03
611057.43	4206288.03	32672.9889	0.00574	0.08352	7.22114E-07	5.7380E-03
611064.43	4206288.03	31492.54868	0.00553	0.08151	7.04735E-07	5.5307E-03
611071.43	4206288.03	30364.76218	0.00533	0.07958	6.88048E-07	5.3327E-03
611078.43	4206288.03	29286.86665	0.00514	0.07772	6.71967E-07	5.1434E-03
611085.43	4206288.03	28256.20813	0.00496	0.07593	6.56490E-07	4.9624E-03
611092.43	4206288.03	27270.4062	0.00479	0.07420	6.41533E-07	4.7893E-03
610294.43	4206295.03	3742.60899	0.00066	6.00505	5.19196E-05	7.0911E-04
610301.43	4206295.03	3854.9678	0.00068	5.97985	5.17018E-05	7.2863E-04
610308.43	4206295.03	3972.40768	0.00070	5.95591	5.14948E-05	7.4904E-04
610315.43	4206295.03	4095.6366	0.00072	5.93300	5.12967E-05	7.7048E-04
610322.43	4206295.03	4225.31599	0.00074	5.90932	5.10920E-05	7.9305E-04
610329.43	4206295.03	4361.21631	0.00077	5.89025	5.09271E-05	8.1675E-04
610336.43	4206295.03	4504.53902	0.00079	5.87475	5.07931E-05	8.4178E-04
610343.43	4206295.03	4658.32966	0.00082	5.85666	5.06367E-05	8.6863E-04
610350.43	4206295.03	4821.37324	0.00085	5.83724	5.04687E-05	8.9709E-04
610357.43	4206295.03	4993.57298	0.00088	5.81746	5.02977E-05	9.2716E-04
610364.43	4206295.03	5175.59082	0.00091	5.79733	5.01237E-05	9.5895E-04
610371.43	4206295.03	5368.2947	0.00094	5.77693	4.99473E-05	9.9261E-04
610378.43	4206295.03	5572.52919	0.00098	5.75635	4.97694E-05	1.0283E-03
610385.43	4206295.03	5789.2358	0.00102	5.73558	4.95898E-05	1.0662E-03
610392.43	4206295.03	6019.5206	0.00106	5.71456	4.94081E-05	1.1064E-03
610399.43	4206295.03	6264.54878	0.00110	5.69321	4.92235E-05	1.1493E-03
610406.43	4206295.03	6525.67658	0.00115	5.67160	4.90366E-05	1.1949E-03
610413.43	4206295.03	6804.38935	0.00119	5.64978	4.88480E-05	1.2437E-03
610420.43	4206295.03	7102.31394	0.00125	5.62765	4.86566E-05	1.2958E-03
610427.43	4206295.03	7421.38083	0.00130	5.60506	4.84613E-05	1.3516E-03
610434.43	4206295.03	7763.6218	0.00136	5.58170	4.82594E-05	1.4115E-03
610441.43	4206295.03	8131.51672	0.00143	5.55726	4.80480E-05	1.4759E-03
610448.43	4206295.03	8527.7336	0.00150	5.53150	4.78253E-05	1.5453E-03
610455.43	4206295.03	8955.39047	0.00157	5.50459	4.75927E-05	1.6201E-03
610462.43	4206295.03	9418.14289	0.00165	5.47679	4.73523E-05	1.7012E-03
610469.43	4206295.03	9920.08566	0.00174	5.44835	4.71064E-05	1.7891E-03
610476.43	4206295.03	10466.14765	0.00184	5.41943	4.68564E-05	1.8847E-03
610483.43	4206295.03	11061.97443	0.00194	5.39000	4.66019E-05	1.9891E-03
610497.43	4206295.03	12431.0425	0.00218	5.32943	4.60782E-05	2.2289E-03
610504.43	4206295.03	13221.88289	0.00232	5.29815	4.58078E-05	2.3675E-03
610511.43	4206295.03	14098.3799	0.00248	5.26621	4.55316E-05	2.5212E-03
610518.43	4206295.03	15074.92244	0.00265	5.23349	4.52487E-05	2.6924E-03
610525.43	4206295.03	16169.09423	0.00284	5.19985	4.49579E-05	2.8842E-03
610532.43	4206295.03	17403.2296	0.00306	5.16514	4.46578E-05	3.1006E-03

610539.43	4206295.03	18805.46072	0.00330	5.12934	4.43482E-05	3.3465E-03
610546.43	4206295.03	20412.76102	0.00358	5.09238	4.40287E-05	3.6285E-03
610553.43	4206295.03	22273.23125	0.00391	5.05406	4.36974E-05	3.9548E-03
610560.43	4206295.03	24470.29712	0.00430	5.01202	4.33339E-05	4.3403E-03
610567.43	4206295.03	27114.29403	0.00476	4.96648	4.29402E-05	4.8042E-03
610574.43	4206295.03	30308.86782	0.00532	4.91971	4.25358E-05	5.3647E-03
610581.43	4206295.03	34261.06114	0.00602	4.86949	4.21016E-05	6.0583E-03
610588.43	4206295.03	39256.39092	0.00689	4.81484	4.16291E-05	6.9350E-03
610595.43	4206295.03	45729.64785	0.00803	4.75558	4.11167E-05	8.0711E-03
610603.83	4206294.38	57139.18618	0.01003	4.55165	3.93535E-05	1.0073E-02
610609.43	4206295.03	65727.46122	0.01154	4.61099	3.98666E-05	1.1581E-02
610615.78	4206294.92	78117.98713	0.01372	4.51087	3.90010E-05	1.3756E-02
610770.43	4206295.03	299169.8858	0.05253	0.43000	3.71778E-06	5.2537E-02
610777.43	4206295.03	282435.9294	0.04960	0.40239	3.47906E-06	4.9599E-02
610784.43	4206295.03	258220.0371	0.04534	0.37769	3.26551E-06	4.5346E-02
610791.43	4206295.03	234005.4015	0.04109	0.35542	3.07296E-06	4.1094E-02
610798.43	4206295.03	212538.2785	0.03732	0.33527	2.89874E-06	3.7324E-02
610805.43	4206295.03	194306.3889	0.03412	0.31695	2.74035E-06	3.4123E-02
610812.43	4206295.03	178664.0087	0.03137	0.30023	2.59579E-06	3.1376E-02
610840.43	4206295.03	133789.3633	0.02349	0.24596	2.12657E-06	2.3495E-02
610847.43	4206295.03	125567.6393	0.02205	0.23488	2.03077E-06	2.2051E-02
610854.43	4206295.03	118174.1138	0.02075	0.22460	1.94189E-06	2.0753E-02
610861.43	4206295.03	111480.0225	0.01958	0.21504	1.85923E-06	1.9578E-02
610868.43	4206295.03	105385.4234	0.01851	0.20612	1.78211E-06	1.8507E-02
610875.43	4206295.03	99808.80967	0.01753	0.19779	1.71009E-06	1.7528E-02
610882.43	4206295.03	94683.14409	0.01663	0.18999	1.64265E-06	1.6628E-02
610889.43	4206295.03	89952.97091	0.01580	0.18268	1.57945E-06	1.5797E-02
610896.43	4206295.03	85571.54578	0.01503	0.17582	1.52014E-06	1.5028E-02
610903.43	4206295.03	81500.03663	0.01431	0.16936	1.46429E-06	1.4313E-02
610910.43	4206295.03	77705.32383	0.01364	0.16328	1.41172E-06	1.3646E-02
610917.43	4206295.03	74159.06848	0.01302	0.15754	1.36209E-06	1.3024E-02
610924.43	4206295.03	70837.25568	0.01244	0.15211	1.31514E-06	1.2440E-02
610931.43	4206295.03	67719.00655	0.01189	0.14699	1.27087E-06	1.1893E-02
610938.43	4206295.03	64786.01242	0.01138	0.14213	1.22886E-06	1.1378E-02
610945.43	4206295.03	62022.56745	0.01089	0.13752	1.18900E-06	1.0892E-02
610952.43	4206295.03	59414.75356	0.01043	0.13315	1.15121E-06	1.0434E-02
610959.43	4206295.03	56950.22829	0.01000	0.12899	1.11525E-06	1.0001E-02
610966.43	4206295.03	54618.12427	0.00959	0.12504	1.08110E-06	9.5919E-03
610973.43	4206295.03	52408.87273	0.00920	0.12128	1.04859E-06	9.2039E-03
610980.43	4206295.03	50313.54338	0.00883	0.11769	1.01755E-06	8.8360E-03
610987.43	4206295.03	48324.62347	0.00849	0.11427	9.87978E-07	8.4867E-03
610994.43	4206295.03	46434.74342	0.00815	0.11101	9.59792E-07	8.1548E-03
611001.43	4206295.03	44637.68344	0.00784	0.10788	9.32730E-07	7.8392E-03
611008.43	4206295.03	42927.49073	0.00754	0.10490	9.06965E-07	7.5389E-03
611036.43	4206295.03	36856.09852	0.00647	0.09417	8.14193E-07	6.4727E-03
611043.43	4206295.03	35508.91848	0.00624	0.09176	7.93357E-07	6.2361E-03
611050.43	4206295.03	34222.41872	0.00601	0.08944	7.73298E-07	6.0102E-03
611057.43	4206295.03	32993.29276	0.00579	0.08722	7.54104E-07	5.7943E-03
611064.43	4206295.03	31818.49932	0.00559	0.08508	7.35601E-07	5.5880E-03
611071.43	4206295.03	30695.2211	0.00539	0.08302	7.17791E-07	5.3907E-03
611078.43	4206295.03	29620.75375	0.00520	0.08104	7.00671E-07	5.2020E-03
611085.43	4206295.03	28592.52257	0.00502	0.07913	6.84158E-07	5.0215E-03
611092.43	4206295.03	27608.24052	0.00485	0.07729	6.68249E-07	4.8486E-03
610294.43	4206302.03	3641.2728	0.00064	8.15116	7.04749E-05	7.0987E-04
610301.43	4206302.03	3748.58663	0.00066	8.11719	7.01812E-05	7.2842E-04
610308.43	4206302.03	3861.33216	0.00068	8.08301	6.98857E-05	7.4793E-04
610315.43	4206302.03	3979.15386	0.00070	8.05492	6.96428E-05	7.6837E-04
610322.43	4206302.03	4103.10635	0.00072	8.01954	6.93369E-05	7.8983E-04
610329.43	4206302.03	4232.90427	0.00074	7.99540	6.91282E-05	8.1242E-04
610336.43	4206302.03	4369.66824	0.00077	7.98155	6.90084E-05	8.3631E-04
610343.43	4206302.03	4516.35337	0.00079	7.95668	6.87934E-05	8.6186E-04
610350.43	4206302.03	4671.73866	0.00082	7.92788	6.85444E-05	8.8889E-04
610357.43	4206302.03	4835.65118	0.00085	7.89748	6.82816E-05	9.1741E-04
610364.43	4206302.03	5008.85906	0.00088	7.86542	6.80044E-05	9.4755E-04
610371.43	4206302.03	5191.94579	0.00091	7.83388	6.77317E-05	9.7943E-04
610378.43	4206302.03	5385.79531	0.00095	7.80370	6.74708E-05	1.0132E-03
610385.43	4206302.03	5591.28067	0.00098	7.77336	6.72084E-05	1.0490E-03
610392.43	4206302.03	5809.37623	0.00102	7.74140	6.69321E-05	1.0870E-03
610399.43	4206302.03	6041.16753	0.00106	7.70883	6.66505E-05	1.1275E-03
610406.43	4206302.03	6287.80288	0.00110	7.67724	6.63774E-05	1.1705E-03
610413.43	4206302.03	6550.67871	0.00115	7.64622	6.61092E-05	1.2164E-03
610420.43	4206302.03	6831.28478	0.00120	7.61425	6.58328E-05	1.2654E-03
610427.43	4206302.03	7131.20865	0.00125	7.58083	6.55438E-05	1.3178E-03
610434.43	4206302.03	7452.51046	0.00131	7.54721	6.52531E-05	1.3739E-03
610441.43	4206302.03	7797.17229	0.00137	7.51317	6.49588E-05	1.4341E-03
610448.43	4206302.03	8167.69584	0.00143	7.47706	6.46466E-05	1.4989E-03
610455.43	4206302.03	8566.76684	0.00150	7.43807	6.43095E-05	1.5686E-03
610462.43	4206302.03	8997.60599	0.00158	7.39760	6.39596E-05	1.6439E-03
610469.43	4206302.03	9463.84984	0.00166	7.35700	6.36086E-05	1.7254E-03
610476.43	4206302.03	9969.72072	0.00175	7.31630	6.32567E-05	1.8139E-03
610483.43	4206302.03	10520.12063	0.00185	7.27451	6.28954E-05	1.9102E-03
610525.75	4206298.14	15770.41117	0.00277	5.90769	5.10779E-05	2.8203E-03
610532.75	4206298.14	16953.75101	0.00298	5.86788	5.07337E-05	3.0278E-03
610539.75	4206298.14	18295.20465	0.00321	5.82709	5.03810E-05	3.2630E-03
610770.43	4206302.03	293689.9504	0.05157	0.47736	4.12725E-06	5.1575E-02
610777.43	4206302.03	277002.8728	0.04864	0.44470	3.84487E-06	4.8645E-02
610784.43	4206302.03	252971.5707	0.04442	0.41572	3.59431E-06	4.4425E-02
610791.43	4206302.03	229112.896	0.04023	0.38979	3.37012E-06	4.0235E-02
610798.43	4206302.03	208155.4938	0.03655	0.36647	3.16850E-06	3.6555E-02
610805.43	4206302.03	190318.3323	0.03342	0.34540	2.98633E-06	3.3422E-02
610812.43	4206302.03	175113.6224	0.03075	0.32627	2.82093E-06	3.0752E-02
610840.43	4206302.03	131607.6607	0.02311	0.26486	2.28998E-06	2.3112E-02
610847.43	4206302.03	123637.8374	0.02171	0.25244	2.18260E-06	2.1713E-02
610854.43	4206302.03	116471.7561	0.02045	0.24097	2.08343E-06	2.0454E-02
610861.43	4206302.03	109979.9152	0.01931	0.23032	1.99135E-06	1.9314E-02
610868.43	4206302.03	104065.9238	0.01827	0.22042	1.90575E-06	1.8276E-02
610875.43	4206302.03	98651.27363	0.01732	0.21119	1.82595E-06	1.7325E-02
610882.43	4206302.03	93671.35056	0.01645	0.20258	1.75151E-06	1.6450E-02
610889.43	4206302.03	89072.42607	0.01564	0.19453	1.68191E-06	1.5643E-02
610896.43	4206302.03	84810.0565	0.01489	0.18698	1.61663E-06	1.4894E-02
610903.43	4206302.03	80846.18577	0.01420	0.17989	1.55533E-06	1.4198E-02
610910.43	4206302.03	77149.28117	0.01355	0.17323	1.49775E-06	1.3549E-02
610917.43	4206302.03	73691.92594	0.01294	0.16696	1.44354E-06	1.2942E-02
610924.43	4206302.03	70450.90677	0.01237	0.16104	1.39235E-06	1.2372E-02
610931.43	4206302.03	67405.94352	0.01184	0.15545	1.34402E-06	1.1838E-02
610938.43	4206302.03	64539.87607	0.01133	0.15017	1.29837E-06	1.1334E-02
610945.43	4206302.03	61837.17632	0.01086	0.14517	1.25514E-06	1.0860E-02
610952.43	4206302.03	59284.51174	0.01041	0.14043	1.21416E-06	1.0411E-02
610959.43	4206302.03	56870.11498	0.00999	0.13593	1.17525E-06	9.9874E-03
610966.43	4206302.03	54583.47361	0.00958	0.13166	1.13833E-06	9.5859E-03
610973.43	4206302.03	52415.38587	0.00920	0.12759	1.10314E-06	9.2051E-03
610980.43	4206302.03	50357.34156	0.00884	0.12373	1.06977E-06	8.8437E-03
610987.43	4206302.03	48401.93114	0.00850	0.12004	1.03787E-06	8.5003E-03
610994.43	4206302.03	46542.38701	0.00817	0.11653	1.00752E-06	8.1737E-03
611001.43	4206302.03	44772.47765	0.00786	0.11317	9.78467E-07	7.8629E-03
611008.43	4206302.03	43086.72616	0.00757	0.10997	9.50800E-07	7.5669E-03
611036.43	4206302.03	37088.64653	0.00651	0.09848	8.51458E-07	6.5135E-03
611043.43	4206302.03	35754.60757	0.00628	0.09590	8.29151E-07	6.2793E-03
611050.43	4206302.03	34479.67622	0.00605	0.09343	8.07795E-07	6.0554E-03
611057.43	4206302.03	33260.45166	0.00584	0.09106	7.87304E-07	5.8412E-03
611064.43	4206302.03	32094.25418	0.00564	0.08878	7.67591E-07	5.6364E-03
611071.43	4206302.03	30978.10766	0.00544	0.08658	7.48570E-07	5.4404E-03
611078.43	4206302.03	29909.57233	0.00525	0.08447	7.30327E-07	5.2528E-03
611085.43	4206302.03	28886.19754	0.00507	0.08244	7.12776E-07	5.0731E-03
611092.43	4206302.03	27905.78417	0.00490	0.08049	6.95916E-07	4.9009E-03
610770.43	4206309.03	285313.6834	0.05010	0.52808	4.56578E-06	5.0105E-02
610777.43	4206309.03	268596.4992	0.04716	0.48987	4.23541E-06	4.7169E-02
610784.43	4206309.03	245017.6418	0.04302	0.45620	3.94430E-06	4.3028E-02
610791.43	4206309.03	221990.3876	0.03898	0.42627	3.68553E-06	3.8985E-02
610798.43	4206309.03	201977.0821	0.03547	0.39952	3.45425E-06	3.5470E-02
610805.43	4206309.03	184901.621	0.03247	0.37548	3.24640E-06	3.2472E-02
610812.43	4206309.03	170409.2303	0.02992	0.35376	3.05861E-06	2.9927E-02
610840.43	4206309.03	128854.2567	0.02263	0.28470	2.46151E-06	2.2629E-02
610847.43	4206309.03	121217.8741	0.02129	0.27087	2.34194E-06	2.1288E-02
610854.43	4206309.03	114337.8191	0.02008	0.25812	2.23170E-06	2.0080E-02
610861.43	4206309.03	108099.374	0.01898	0.24632	2.12968E-06	1.8984E-02
610868.43	4206309.03	102408.4031	0.01798	0.23538	2.03509E-06	1.7985E-02
610875.43	4206309.03	97190.93454	0.01707	0.22521	1.94716E-06	1.7068E-02
610882.43	4206309.03	92386.2745	0.01622	0.21574	1.86529E-06	1.6225E-02
610889.43	4206309.03	87944.05025	0.01544	0.20690	1.78886E-06	1.5445E-02
610896.43	4206309.03	83822.04921	0.01472	0.19863	1.71735E-06	1.4721E-02
610903.43	4206309.03	79984.60499	0.01405	0.19088	1.65035E-06	1.4047E-02
610910.43	4206309.03	76401.58617	0.01342	0.18361	1.58749E-06	1.3418E-02
610917.43	4206309.03	73047.32967	0.01283	0.17677	1.52835E-06	1.2828E-02
610924.43	4206309.03	69899.66952	0.01227	0.17034	1.47276E-06	1.2276E-02
610931.43	4206309.03	66939.42424	0.01175	0.16427	1.42028E-06	1.1756E-02
610938.43	4206309.03	64150.18822	0.01126	0.15854	1.37074E-06	1.1266E-02
610945.43	4206309.03	61517.32059	0.01080	0.15313	1.32396E-06	1.0804E-02
610952.43	4206309.03	59028.18835	0.01037	0.14800	1.27961E-06	1.0366E-02

610959.43	4206309.03	56671.42557	0.00995	0.14314	1.23759E-06	9.9526E-03
610966.43	4206309.03	54437.26508	0.00956	0.13853	1.19773E-06	9.5603E-03
610973.43	4206309.03	52316.66462	0.00919	0.13415	1.15986E-06	9.1879E-03
610980.43	4206309.03	50301.84655	0.00883	0.12999	1.12389E-06	8.8340E-03
610987.43	4206309.03	48385.52875	0.00850	0.12603	1.08965E-06	8.4975E-03
610994.43	4206309.03	46561.40061	0.00818	0.12226	1.05706E-06	8.1771E-03
611001.43	4206309.03	44823.5053	0.00787	0.11866	1.02593E-06	7.8719E-03
611008.43	4206309.03	43166.58034	0.00758	0.11523	9.96278E-07	7.5810E-03
611036.43	4206309.03	37257.265	0.00654	0.10294	8.90019E-07	6.5432E-03
611043.43	4206309.03	35939.91091	0.00631	0.10019	8.66242E-07	6.3118E-03
611050.43	4206309.03	34679.58484	0.00609	0.09756	8.43503E-07	6.0905E-03
611057.43	4206309.03	33473.40615	0.00588	0.09503	8.21629E-07	5.8787E-03
611064.43	4206309.03	32318.49987	0.00568	0.09260	8.00619E-07	5.6759E-03
611071.43	4206309.03	31212.19305	0.00548	0.09027	7.80474E-07	5.4816E-03
611078.43	4206309.03	30152.16119	0.00529	0.08803	7.61107E-07	5.2954E-03
611085.43	4206309.03	29136.12798	0.00512	0.08587	7.42432E-07	5.1170E-03
611092.43	4206309.03	28161.83149	0.00495	0.08380	7.24534E-07	4.9459E-03
610294.43	4206330.03	3258.03994	0.00057	8.73494	7.55222E-05	6.4763E-04
610301.43	4206330.03	3348.06891	0.00059	8.77188	7.58416E-05	6.6376E-04
610308.43	4206330.03	3442.13498	0.00060	8.80962	7.61679E-05	6.8060E-04
610315.43	4206330.03	3540.75004	0.00062	8.84819	7.65014E-05	6.9825E-04
610322.43	4206330.03	3643.57626	0.00064	8.88719	7.68386E-05	7.1664E-04
610329.43	4206330.03	3751.54815	0.00066	8.92481	7.71639E-05	7.3593E-04
610336.43	4206330.03	3864.28592	0.00068	8.96678	7.75267E-05	7.5609E-04
610343.43	4206330.03	3985.62844	0.00070	8.99749	7.77923E-05	7.7766E-04
610350.43	4206330.03	4113.39637	0.00072	9.02931	7.80674E-05	8.0037E-04
610357.43	4206330.03	4247.67632	0.00075	9.06030	7.83353E-05	8.2422E-04
610364.43	4206330.03	4388.93446	0.00077	9.08870	7.85809E-05	8.4927E-04
610371.43	4206330.03	4537.69695	0.00080	9.11781	7.88325E-05	8.7564E-04
610378.43	4206330.03	4694.50401	0.00082	9.15110	7.91204E-05	9.0346E-04
610385.43	4206330.03	4859.92113	0.00085	9.18627	7.94244E-05	9.3282E-04
610392.43	4206330.03	5034.58429	0.00088	9.21866	7.97045E-05	9.6377E-04
610399.43	4206330.03	5219.25175	0.00092	9.24901	7.99669E-05	9.9646E-04
610406.43	4206330.03	5414.71331	0.00095	9.28207	8.02527E-05	1.0311E-03
610413.43	4206330.03	5621.72688	0.00099	9.31890	8.05712E-05	1.0677E-03
610420.43	4206330.03	5841.34906	0.00103	9.35461	8.08799E-05	1.1066E-03
610427.43	4206330.03	6074.56495	0.00107	9.38649	8.11555E-05	1.1478E-03
610434.43	4206330.03	6322.50073	0.00111	9.41855	8.14327E-05	1.1916E-03
610441.43	4206330.03	6586.50051	0.00116	9.45587	8.17554E-05	1.2383E-03
610448.43	4206330.03	6867.96173	0.00121	9.49660	8.21076E-05	1.2881E-03
610455.43	4206330.03	7168.46652	0.00126	9.53586	8.24470E-05	1.3412E-03
610462.43	4206330.03	7489.90371	0.00132	9.57424	8.27788E-05	1.3980E-03
610469.43	4206330.03	7834.27633	0.00138	9.61697	8.31483E-05	1.4588E-03
610476.43	4206330.03	8203.73577	0.00144	9.66510	8.35644E-05	1.5241E-03
610497.43	4206330.03	9491.93043	0.00167	9.79300	8.46702E-05	1.7514E-03
610504.43	4206330.03	9992.80326	0.00175	9.83830	8.50619E-05	1.8398E-03
610511.43	4206330.03	10536.6255	0.00185	9.88626	8.54766E-05	1.9357E-03
610518.43	4206330.03	11129.01731	0.00195	9.92813	8.58386E-05	2.0401E-03
610525.43	4206330.03	11776.31226	0.00207	9.96438	8.61520E-05	2.1540E-03
610532.43	4206330.03	12486.28698	0.00219	10.00306	8.64864E-05	2.2791E-03
610539.43	4206330.03	13267.96572	0.00233	10.04732	8.68691E-05	2.4167E-03
610546.43	4206330.03	14132.62898	0.00248	10.08923	8.72314E-05	2.5689E-03
610553.43	4206330.03	15093.53908	0.00265	10.12213	8.75159E-05	2.7379E-03
610560.43	4206330.03	16180.04554	0.00284	10.12626	8.75516E-05	2.9287E-03
610567.43	4206330.03	17417.35949	0.00306	10.12874	8.75730E-05	3.1460E-03
610574.43	4206330.03	18817.54977	0.00330	10.15217	8.77756E-05	3.3921E-03
610581.43	4206330.03	20420.23251	0.00359	10.17012	8.79308E-05	3.6737E-03
610588.43	4206330.03	22260.7983	0.00391	10.18987	8.81016E-05	3.9970E-03
610595.43	4206330.03	24402.05894	0.00428	10.20717	8.82511E-05	4.3732E-03
610602.43	4206330.03	26903.51572	0.00472	10.22923	8.84419E-05	4.8126E-03
610609.43	4206330.03	29867.65836	0.00524	10.23429	8.84856E-05	5.3332E-03
610616.43	4206330.03	33390.56181	0.00586	10.22813	8.84324E-05	5.9517E-03
610623.43	4206330.03	37787.40695	0.00664	10.20278	8.82132E-05	6.7236E-03
610630.43	4206330.03	43344.04055	0.00761	10.16843	8.79162E-05	7.6990E-03
610637.43	4206330.03	51208.25881	0.00899	10.12434	8.75350E-05	9.0796E-03
610644.43	4206330.03	63367.98803	0.01113	9.99652	8.64299E-05	1.1214E-02
610294.43	4206337.03	3167.76745	0.00056	6.61824	5.72213E-05	6.1347E-04
610301.43	4206337.03	3254.17085	0.00057	6.64458	5.74490E-05	6.2887E-04
610308.43	4206337.03	3344.05822	0.00059	6.67285	5.76934E-05	6.4490E-04
610315.43	4206337.03	3438.27484	0.00060	6.69944	5.79233E-05	6.6168E-04
610322.43	4206337.03	3536.4422	0.00062	6.72640	5.81564E-05	6.7915E-04
610329.43	4206337.03	3639.43509	0.00064	6.75215	5.83791E-05	6.9746E-04
610336.43	4206337.03	3746.91686	0.00066	6.77990	5.86190E-05	7.1657E-04
610343.43	4206337.03	3862.50328	0.00068	6.79699	5.87667E-05	7.3701E-04
610350.43	4206337.03	3984.08861	0.00070	6.81293	5.89046E-05	7.5850E-04
610357.43	4206337.03	4111.80456	0.00072	6.82920	5.90452E-05	7.8107E-04
610364.43	4206337.03	4245.97987	0.00075	6.84610	5.91913E-05	8.0478E-04
610371.43	4206337.03	4387.13107	0.00077	6.86410	5.93470E-05	8.2972E-04
610378.43	4206337.03	4535.74248	0.00080	6.88327	5.95127E-05	8.5598E-04
610385.43	4206337.03	4692.30972	0.00082	6.90309	5.96841E-05	8.8364E-04
610392.43	4206337.03	4857.46511	0.00085	6.92318	5.98578E-05	9.1282E-04
610399.43	4206337.03	5031.86428	0.00088	6.94371	6.00353E-05	9.4362E-04
610406.43	4206337.03	5216.09622	0.00092	6.96495	6.02189E-05	9.7615E-04
610413.43	4206337.03	5411.03116	0.00095	6.98662	6.04063E-05	1.0106E-03
610420.43	4206337.03	5617.43268	0.00099	7.00822	6.05930E-05	1.0470E-03
610427.43	4206337.03	5836.26041	0.00102	7.02983	6.07799E-05	1.0856E-03
610434.43	4206337.03	6068.47927	0.00107	7.05207	6.09722E-05	1.1266E-03
610441.43	4206337.03	6315.30424	0.00111	7.07522	6.11723E-05	1.1701E-03
610448.43	4206337.03	6577.8875	0.00116	7.09901	6.13780E-05	1.2164E-03
610455.43	4206337.03	6857.60237	0.00120	7.12350	6.15897E-05	1.2658E-03
610462.43	4206337.03	7156.11621	0.00126	7.14935	6.18132E-05	1.3184E-03
610469.43	4206337.03	7475.0244	0.00131	7.17682	6.20508E-05	1.3746E-03
610476.43	4206337.03	7816.45894	0.00137	7.20522	6.22963E-05	1.4348E-03
610497.43	4206337.03	8999.07674	0.00158	7.28891	6.30199E-05	1.6432E-03
610504.43	4206337.03	9455.75586	0.00166	7.31706	6.32633E-05	1.7237E-03
610511.43	4206337.03	9949.69894	0.00175	7.34469	6.35022E-05	1.8106E-03
610518.43	4206337.03	10485.38204	0.00184	7.37106	6.37301E-05	1.9049E-03
610525.43	4206337.03	11067.88183	0.00194	7.39661	6.39511E-05	2.0074E-03
610532.43	4206337.03	11703.47907	0.00206	7.42206	6.41711E-05	2.1193E-03
610539.43	4206337.03	12399.30808	0.00218	7.44696	6.43864E-05	2.2417E-03
610546.43	4206337.03	13163.94126	0.00231	7.47022	6.45875E-05	2.3761E-03
610553.43	4206337.03	14007.72586	0.00246	7.49150	6.47715E-05	2.5245E-03
610560.43	4206337.03	14954.15808	0.00263	7.50327	6.48732E-05	2.6908E-03
610567.43	4206337.03	16021.95282	0.00281	7.51011	6.49324E-05	2.8784E-03
610574.43	4206337.03	17217.78148	0.00302	7.52091	6.50258E-05	3.0884E-03
610581.43	4206337.03	18570.55623	0.00326	7.53064	6.51099E-05	3.3261E-03
610588.43	4206337.03	20104.09218	0.00353	7.54143	6.52032E-05	3.5954E-03
610595.43	4206337.03	21863.18234	0.00384	7.54876	6.52665E-05	3.9044E-03
610602.43	4206337.03	23890.2791	0.00420	7.55324	6.53053E-05	4.2604E-03
610609.43	4206337.03	26271.07497	0.00461	7.54741	6.52549E-05	4.6784E-03
610616.43	4206337.03	29122.32873	0.00511	7.53086	6.51118E-05	5.1789E-03
610623.43	4206337.03	32661.23691	0.00574	7.50462	6.48849E-05	5.8001E-03
610630.43	4206337.03	37204.94389	0.00653	7.45992	6.44984E-05	6.5976E-03
610637.43	4206337.03	43123.69584	0.00757	7.39442	6.39321E-05	7.6364E-03
610644.43	4206337.03	51457.44258	0.00904	7.28074	6.29492E-05	9.0988E-03
610651.43	4206337.03	62195.45268	0.01092	7.08395	6.12478E-05	1.0983E-02
610658.43	4206337.03	74372.20798	0.01306	6.77224	5.85528E-05	1.3118E-02
610665.43	4206337.03	86885.17571	0.01526	6.33355	5.47598E-05	1.5312E-02
610672.43	4206337.03	99177.73137	0.01742	5.64432	4.88008E-05	1.7464E-02
610679.43	4206337.03	110871.7268	0.01947	4.74095	4.09902E-05	1.9510E-02
610686.43	4206337.03	121837.9164	0.02139	3.85999	3.33735E-05	2.1428E-02
610294.43	4206344.03	3080.03573	0.00054	5.23918	4.52979E-05	5.8615E-04
610301.43	4206344.03	3162.67949	0.00056	5.25896	4.54689E-05	6.0083E-04
610308.43	4206344.03	3248.65882	0.00057	5.28026	4.56531E-05	6.1611E-04
610315.43	4206344.03	3338.63742	0.00059	5.29970	4.58212E-05	6.3208E-04
610322.43	4206344.03	3432.35775	0.00060	5.31976	4.59946E-05	6.4871E-04
610329.43	4206344.03	3530.29879	0.00062	5.33920	4.61627E-05	6.6608E-04
610336.43	4206344.03	3633.04062	0.00064	5.35681	4.63150E-05	6.8427E-04
610343.43	4206344.03	3743.13294	0.00066	5.36493	4.63852E-05	7.0367E-04
610350.43	4206344.03	3858.9023	0.00068	5.37201	4.64464E-05	7.2406E-04
610357.43	4206344.03	3980.28462	0.00070	5.37954	4.65115E-05	7.4544E-04
610364.43	4206344.03	4107.79486	0.00072	5.38786	4.65834E-05	7.6790E-04
610371.43	4206344.03	4241.70333	0.00074	5.39723	4.66644E-05	7.9150E-04
610378.43	4206344.03	4382.53342	0.00077	5.40753	4.67535E-05	8.1632E-04
610385.43	4206344.03	4530.80727	0.00080	5.41859	4.68491E-05	8.4245E-04
610392.43	4206344.03	4686.94025	0.00082	5.43025	4.69499E-05	8.6997E-04
610399.43	4206344.03	4851.60491	0.00085	5.44239	4.70549E-05	8.9899E-04
610406.43	4206344.03	5025.35985	0.00088	5.45491	4.71631E-05	9.2961E-04
610413.43	4206344.03	5208.84994	0.00091	5.46772	4.72739E-05	9.6194E-04
610420.43	4206344.03	5402.87862	0.00095	5.48075	4.73865E-05	9.9612E-04
610427.43	4206344.03	5608.20124	0.00098	5.49403	4.75014E-05	1.0323E-03
610434.43	4206344.03	5825.75592	0.00102	5.50756	4.76183E-05	1.0706E-03
610441.43	4206344.03	6056.4996	0.00106	5.52141	4.77381E-05	1.1112E-03
610448.43	4206344.03	6301.46147	0.00111	5.53560	4.78608E-05	1.1544E-03
610455.43	4206344.03	6561.90108	0.00115	5.55030	4.79879E-05	1.2002E-03
610462.43	4206344.03	6839.13405	0.00120	5.56564	4.81205E-05	1.2491E-03
610469.43	4206344.03	7134.72958	0.00125	5.58159	4.82584E-05	1.3011E-03
610476.43	4206344.03	7450.24361	0.00131	5.59796	4.83999E-05	1.3566E-03
610497.43	4206344.03	8536.46521	0.00150	5.64720	4.88257E-05	1.5478E-03

610504.43	4206344.03	8953.23264	0.00157	5.66316	4.89637E-05	1.6211E-03
610511.43	4206344.03	9402.28785	0.00165	5.67870	4.90980E-05	1.7001E-03
610518.43	4206344.03	9887.23079	0.00174	5.69361	4.92269E-05	1.7854E-03
610525.43	4206344.03	10412.32592	0.00183	5.70786	4.93501E-05	1.8777E-03
610532.43	4206344.03	10982.35104	0.00193	5.72130	4.94663E-05	1.9779E-03
610539.43	4206344.03	11603.22099	0.00204	5.73377	4.95741E-05	2.0871E-03
610546.43	4206344.03	12281.48155	0.00216	5.74508	4.96719E-05	2.2063E-03
610553.43	4206344.03	13025.20621	0.00229	5.75505	4.97581E-05	2.3370E-03
610560.43	4206344.03	13853.52051	0.00243	5.76088	4.98085E-05	2.4825E-03
610567.43	4206344.03	14780.75576	0.00260	5.76372	4.98331E-05	2.6453E-03
610574.43	4206344.03	15809.87934	0.00278	5.76642	4.98564E-05	2.8260E-03
610581.43	4206344.03	16962.85108	0.00298	5.76777	4.98681E-05	3.0285E-03
610588.43	4206344.03	18256.80496	0.00321	5.76823	4.98721E-05	3.2557E-03
610595.43	4206344.03	19724.33773	0.00346	5.76528	4.98466E-05	3.5134E-03
610602.43	4206344.03	21401.89138	0.00376	5.75751	4.97794E-05	3.8079E-03
610609.43	4206344.03	23350.12455	0.00410	5.74389	4.96616E-05	4.1499E-03
610616.43	4206344.03	25680.7921	0.00451	5.72073	4.94614E-05	4.5590E-03
610623.43	4206344.03	28523.01939	0.00501	5.68730	4.91724E-05	5.0578E-03
610630.43	4206344.03	32044.32128	0.00563	5.63829	4.87486E-05	5.6757E-03
610637.43	4206344.03	36488.06545	0.00641	5.57219	4.81771E-05	6.4554E-03
610644.43	4206344.03	42319.98036	0.00743	5.47373	4.73258E-05	7.4786E-03
610651.43	4206344.03	49698.35638	0.00873	5.33029	4.60857E-05	8.7730E-03
610658.43	4206344.03	58375.82093	0.01025	5.12691	4.43272E-05	1.0295E-02
610665.43	4206344.03	67789.15397	0.01190	4.85815	4.20035E-05	1.1946E-02
610672.43	4206344.03	77394.7381	0.01359	4.49268	3.88437E-05	1.3629E-02
610679.43	4206344.03	86937.86345	0.01527	4.00396	3.46182E-05	1.5301E-02
610686.43	4206344.03	96152.30849	0.01688	3.46250	2.99368E-05	1.6914E-02
610693.43	4206344.03	104913.6028	0.01842	2.95223	2.55250E-05	1.8448E-02
610700.43	4206344.03	113150.5933	0.01987	2.51399	2.17359E-05	1.9891E-02
610707.43	4206344.03	121011.5115	0.02125	2.15321	1.86166E-05	2.1268E-02
610714.43	4206344.03	128501.6357	0.02256	1.86086	1.60890E-05	2.2581E-02
610721.43	4206344.03	135321.5284	0.02376	1.62422	1.40430E-05	2.3776E-02
610728.43	4206344.03	141619.4817	0.02487	1.43101	1.23725E-05	2.4880E-02
610735.43	4206344.03	147254.3594	0.02586	1.27141	1.09926E-05	2.5869E-02
610742.43	4206344.03	152002.4739	0.02669	1.13805	9.83957E-06	2.6701E-02
610749.43	4206344.03	155663.5934	0.02733	1.02548	8.86630E-06	2.7343E-02
610756.43	4206344.03	158314.1734	0.02780	0.92964	8.03766E-06	2.7808E-02
610763.43	4206344.03	159395.7853	0.02799	0.84738	7.32644E-06	2.7997E-02
610770.43	4206344.03	158908.8202	0.02790	0.77616	6.71068E-06	2.7911E-02
610777.43	4206344.03	156676.3775	0.02751	0.71411	6.17419E-06	2.7518E-02
610784.43	4206344.03	152481.1192	0.02678	0.65968	5.70359E-06	2.6781E-02
610791.43	4206344.03	146990.524	0.02581	0.61163	5.28815E-06	2.5816E-02
610798.43	4206344.03	140867.4778	0.02474	0.56897	4.91931E-06	2.4741E-02
610805.43	4206344.03	134539.4342	0.02362	0.53089	4.59007E-06	2.3629E-02
610812.43	4206344.03	128294.0353	0.02253	0.49673	4.29473E-06	2.2532E-02
610833.43	4206344.03	111173.9126	0.01952	0.41290	3.56993E-06	1.9525E-02
610840.43	4206344.03	106111.9147	0.01863	0.38989	3.37099E-06	1.8636E-02
610847.43	4206344.03	101368.192	0.01780	0.36886	3.18916E-06	1.7803E-02
610854.43	4206344.03	96929.47769	0.01702	0.34960	3.02264E-06	1.7024E-02
610861.43	4206344.03	92769.84606	0.01629	0.33190	2.86961E-06	1.6293E-02
610868.43	4206344.03	88864.03306	0.01560	0.31557	2.72842E-06	1.5607E-02
610875.43	4206344.03	85192.1455	0.01496	0.30049	2.59804E-06	1.4962E-02
610882.43	4206344.03	81735.34994	0.01435	0.28652	2.47725E-06	1.4355E-02
610889.43	4206344.03	78476.20398	0.01378	0.27355	2.36511E-06	1.3783E-02
610896.43	4206344.03	75398.70846	0.01324	0.26149	2.26084E-06	1.3242E-02
610903.43	4206344.03	72488.293	0.01273	0.25024	2.16357E-06	1.2731E-02
610910.43	4206344.03	69731.80291	0.01224	0.23974	2.07279E-06	1.2247E-02
610917.43	4206344.03	67117.41526	0.01179	0.22992	1.98789E-06	1.1788E-02
610924.43	4206344.03	64634.51464	0.01135	0.22071	1.90826E-06	1.1352E-02
610931.43	4206344.03	62273.14121	0.01094	0.21208	1.83364E-06	1.0937E-02
610938.43	4206344.03	60024.93176	0.01054	0.20396	1.76344E-06	1.0542E-02
610945.43	4206344.03	57882.10013	0.01016	0.19632	1.69738E-06	1.0166E-02
610952.43	4206344.03	55837.40559	0.00980	0.18911	1.63504E-06	9.8066E-03
610959.43	4206344.03	53884.62857	0.00946	0.18232	1.57634E-06	9.4636E-03
610966.43	4206344.03	52017.82042	0.00913	0.17590	1.52083E-06	9.1357E-03
610973.43	4206344.03	50231.88475	0.00882	0.16982	1.46826E-06	8.8221E-03
610980.43	4206344.03	48522.01951	0.00852	0.16406	1.41846E-06	8.5218E-03
610987.43	4206344.03	46883.6928	0.00823	0.15861	1.37134E-06	8.2340E-03
610994.43	4206344.03	45313.14983	0.00796	0.15343	1.32656E-06	7.9582E-03
611001.43	4206344.03	43806.60175	0.00769	0.14851	1.28402E-06	7.6936E-03
611008.43	4206344.03	42360.67406	0.00744	0.14383	1.24355E-06	7.4397E-03
611029.43	4206344.03	38356.55383	0.00674	0.13109	1.13340E-06	6.7365E-03
611036.43	4206344.03	37124.11581	0.00652	0.12722	1.09994E-06	6.5200E-03
611043.43	4206344.03	35938.88137	0.00631	0.12354	1.06813E-06	6.3119E-03
611050.43	4206344.03	34798.444	0.00611	0.12001	1.03761E-06	6.1116E-03
611057.43	4206344.03	33701.10228	0.00592	0.11664	1.00847E-06	5.9188E-03
611064.43	4206344.03	32644.65953	0.00573	0.11341	9.80542E-07	5.7333E-03
611078.43	4206344.03	30647.56586	0.00538	0.10736	9.28234E-07	5.3826E-03
611085.43	4206344.03	29703.76382	0.00522	0.10451	9.03593E-07	5.2168E-03
611092.43	4206344.03	28794.17947	0.00506	0.10179	8.80076E-07	5.0571E-03
610294.43	4206351.03	2994.69533	0.00053	4.30830	3.72495E-05	5.6311E-04
610301.43	4206351.03	3073.76402	0.00054	4.32384	3.73839E-05	5.7713E-04
610308.43	4206351.03	3155.95664	0.00055	4.34076	3.75302E-05	5.9171E-04
610315.43	4206351.03	3241.67296	0.00057	4.35692	3.76699E-05	6.0690E-04
610322.43	4206351.03	3331.4066	0.00058	4.37134	3.77946E-05	6.2278E-04
610329.43	4206351.03	3424.83496	0.00060	4.38623	3.79233E-05	6.3932E-04
610336.43	4206351.03	3522.77411	0.00062	4.39916	3.80351E-05	6.5663E-04
610343.43	4206351.03	3627.67999	0.00064	4.40249	3.80639E-05	6.7508E-04
610350.43	4206351.03	3737.80569	0.00066	4.40473	3.80833E-05	6.9443E-04
610357.43	4206351.03	3853.28792	0.00068	4.40746	3.81069E-05	7.1474E-04
610364.43	4206351.03	3974.35291	0.00070	4.41094	3.81370E-05	7.3602E-04
610371.43	4206351.03	4101.44855	0.00072	4.41533	3.81749E-05	7.5838E-04
610378.43	4206351.03	4234.9771	0.00074	4.42058	3.82203E-05	7.8187E-04
610385.43	4206351.03	4375.27513	0.00077	4.42655	3.82719E-05	8.0656E-04
610392.43	4206351.03	4522.96228	0.00079	4.43308	3.83284E-05	8.3255E-04
610399.43	4206351.03	4678.43493	0.00082	4.44006	3.83887E-05	8.5991E-04
610406.43	4206351.03	4842.2777	0.00085	4.44742	3.84524E-05	8.8875E-04
610413.43	4206351.03	5015.03111	0.00088	4.45507	3.85185E-05	9.1915E-04
610420.43	4206351.03	5197.43792	0.00091	4.46294	3.85866E-05	9.5125E-04
610427.43	4206351.03	5390.14296	0.00095	4.47100	3.86562E-05	9.8515E-04
610434.43	4206351.03	5593.98974	0.00098	4.47925	3.87276E-05	1.0210E-03
610441.43	4206351.03	5809.71893	0.00102	4.48768	3.88005E-05	1.0590E-03
610448.43	4206351.03	6038.3666	0.00106	4.49630	3.88750E-05	1.0992E-03
610455.43	4206351.03	6280.93388	0.00110	4.50514	3.89514E-05	1.1419E-03
610462.43	4206351.03	6538.59647	0.00115	4.51423	3.90300E-05	1.1872E-03
610469.43	4206351.03	6812.56731	0.00120	4.52362	3.91112E-05	1.2354E-03
610476.43	4206351.03	7104.28847	0.00125	4.53320	3.91940E-05	1.2867E-03
610497.43	4206351.03	8102.96072	0.00142	4.56171	3.94405E-05	1.4623E-03
610504.43	4206351.03	8483.74934	0.00149	4.57072	3.95184E-05	1.5292E-03
610511.43	4206351.03	8892.57055	0.00156	4.57930	3.95926E-05	1.6011E-03
610518.43	4206351.03	9332.41558	0.00164	4.58732	3.96619E-05	1.6784E-03
610525.43	4206351.03	9806.68084	0.00172	4.59464	3.97252E-05	1.7618E-03
610532.43	4206351.03	10319.35125	0.00181	4.60113	3.97813E-05	1.8518E-03
610539.43	4206351.03	10874.98522	0.00191	4.60668	3.98293E-05	1.9495E-03
610546.43	4206351.03	11478.9263	0.00202	4.61111	3.98676E-05	2.0555E-03
610553.43	4206351.03	12137.47468	0.00213	4.61424	3.98947E-05	2.1712E-03
610560.43	4206351.03	12866.44271	0.00226	4.61534	3.99042E-05	2.2992E-03
610567.43	4206351.03	13676.78753	0.00240	4.61481	3.98996E-05	2.4415E-03
610574.43	4206351.03	14569.58976	0.00256	4.61302	3.98841E-05	2.5983E-03
610581.43	4206351.03	15562.18819	0.00273	4.60956	3.98542E-05	2.7725E-03
610588.43	4206351.03	16668.95507	0.00293	4.60408	3.98069E-05	2.9668E-03
610595.43	4206351.03	17909.68928	0.00314	4.59619	3.97386E-05	3.1846E-03
610602.43	4206351.03	19320.17545	0.00339	4.58374	3.96310E-05	3.4322E-03
610609.43	4206351.03	20944.61008	0.00368	4.56596	3.94773E-05	3.7173E-03
610616.43	4206351.03	22866.10696	0.00402	4.54040	3.92563E-05	4.0545E-03
610623.43	4206351.03	25173.10775	0.00442	4.50594	3.89583E-05	4.4593E-03
610630.43	4206351.03	27975.30533	0.00491	4.45971	3.85586E-05	4.9510E-03
610637.43	4206351.03	31372.42352	0.00551	4.40113	3.80521E-05	5.5470E-03
610644.43	4206351.03	35626.1191	0.00626	4.32167	3.73651E-05	6.2932E-03
610651.43	4206351.03	40904.41978	0.00718	4.21536	3.64460E-05	7.2192E-03
610658.43	4206351.03	47164.60034	0.00828	4.07596	3.52407E-05	8.3172E-03
610665.43	4206351.03	54165.20686	0.00951	3.90099	3.37279E-05	9.5450E-03
610672.43	4206351.03	61606.49555	0.01082	3.67944	3.18124E-05	1.0850E-02
610679.43	4206351.03	69217.35148	0.01215	3.39424	2.93466E-05	1.2184E-02
610686.43	4206351.03	76781.71496	0.01348	3.05911	2.64491E-05	1.3509E-02
610693.43	4206351.03	84158.95078	0.01478	2.71201	2.34480E-05	1.4802E-02
610700.43	4206351.03	91248.71531	0.01602	2.38571	2.06268E-05	1.6044E-02
610707.43	4206351.03	98192.48695	0.01724	2.09590	1.81211E-05	1.7261E-02
610714.43	4206351.03	104778.1699	0.01840	1.84687	1.59680E-05	1.8415E-02
610721.43	4206351.03	110975.1699	0.01949	1.63567	1.41420E-05	1.9501E-02
610728.43	4206351.03	116727.0256	0.02050	1.45694	1.25967E-05	2.0510E-02
610735.43	4206351.03	121946.9739	0.02141	1.30515	1.12843E-05	2.1425E-02
610742.43	4206351.03	126690.2793	0.02225	1.17556	1.01639E-05	2.2257E-02
610749.43	4206351.03	130627.82	0.02294	1.06437	9.20254E-06	2.2947E-02
610756.43	4206351.03	133412.8859	0.02343	0.96847	8.37339E-06	2.3435E-02
610763.43	4206351.03	135314.0128	0.02376	0.88522	7.65361E-06	2.3768E-02
610770.43	4206351.03	136132.4193	0.02390	0.81255	7.02530E-06	2.3912E-02
610777.43	4206351.03	135630.5934	0.02382	0.74878	6.47395E-06	2.3823E-02
610784.43	4206351.03	133776.8843	0.02349	0.69254	5.98770E-06	2.3497E-02

610791.43	4206351.03	130713.52	0.02295	0.64263	5.55618E-06	2.2959E-02
610798.43	4206351.03	126844.9851	0.02227	0.59816	5.17169E-06	2.2279E-02
610805.43	4206351.03	122504.147	0.02151	0.55834	4.82740E-06	2.1516E-02
610812.43	4206351.03	117953.6613	0.02071	0.52254	4.51788E-06	2.0717E-02
610833.43	4206351.03	104434.7358	0.01834	0.43432	3.75513E-06	1.8342E-02
610840.43	4206351.03	100213.0396	0.01760	0.41005	3.54529E-06	1.7601E-02
610847.43	4206351.03	96178.15622	0.01689	0.38785	3.35335E-06	1.6892E-02
610854.43	4206351.03	92345.45203	0.01622	0.36749	3.17732E-06	1.6219E-02
610861.43	4206351.03	88705.13341	0.01558	0.34878	3.01555E-06	1.5579E-02
610868.43	4206351.03	85247.80545	0.01497	0.33151	2.86623E-06	1.4972E-02
610875.43	4206351.03	81965.28869	0.01439	0.31556	2.72833E-06	1.4396E-02
610882.43	4206351.03	78848.7048	0.01385	0.30077	2.60046E-06	1.3848E-02
610889.43	4206351.03	75888.48656	0.01333	0.28704	2.48175E-06	1.3328E-02
610896.43	4206351.03	73074.93535	0.01283	0.27427	2.37134E-06	1.2834E-02
610903.43	4206351.03	70398.67921	0.01236	0.26237	2.26845E-06	1.2364E-02
610910.43	4206351.03	67850.68257	0.01191	0.25126	2.17239E-06	1.1917E-02
610917.43	4206351.03	65422.79052	0.01149	0.24086	2.08247E-06	1.1490E-02
610924.43	4206351.03	63107.17313	0.01108	0.23112	1.99826E-06	1.1083E-02
610931.43	4206351.03	60896.77304	0.01069	0.22198	1.91924E-06	1.0695E-02
610938.43	4206351.03	58784.92832	0.01032	0.21340	1.84506E-06	1.0324E-02
610945.43	4206351.03	56765.30314	0.00997	0.20532	1.77520E-06	9.9696E-03
610952.43	4206351.03	54832.6644	0.00963	0.19770	1.70931E-06	9.6302E-03
610959.43	4206351.03	52981.72031	0.00930	0.19052	1.64723E-06	9.3051E-03
610966.43	4206351.03	51207.74887	0.00899	0.18373	1.58853E-06	8.9936E-03
610973.43	4206351.03	49506.67855	0.00869	0.17731	1.53302E-06	8.6948E-03
610980.43	4206351.03	47874.21781	0.00841	0.17123	1.48045E-06	8.4081E-03
610987.43	4206351.03	46306.88059	0.00813	0.16547	1.43065E-06	8.1328E-03
610994.43	4206351.03	44801.28232	0.00787	0.16001	1.38345E-06	7.8684E-03
611001.43	4206351.03	43354.28266	0.00761	0.15482	1.33857E-06	7.6143E-03
611008.43	4206351.03	41962.92753	0.00737	0.14988	1.29586E-06	7.3699E-03
611029.43	4206351.03	38097.34674	0.00669	0.13645	1.17975E-06	6.6910E-03
611036.43	4206351.03	36903.76744	0.00648	0.13238	1.14456E-06	6.4814E-03
611043.43	4206351.03	35754.18194	0.00628	0.12850	1.11101E-06	6.2795E-03
611050.43	4206351.03	34646.59424	0.00608	0.12479	1.07893E-06	6.0849E-03
611057.43	4206351.03	33579.25376	0.00590	0.12124	1.04824E-06	5.8975E-03
611064.43	4206351.03	32550.32764	0.00572	0.11784	1.01884E-06	5.7168E-03
611078.43	4206351.03	30601.83472	0.00537	0.11148	9.63856E-07	5.3746E-03
611085.43	4206351.03	29679.14453	0.00521	0.10849	9.38004E-07	5.2125E-03
611092.43	4206351.03	28789.04245	0.00506	0.10562	9.13190E-07	5.0562E-03
610294.43	4206358.03	2911.77112	0.00051	3.64549	3.15189E-05	5.4282E-04
610301.43	4206358.03	2987.17988	0.00052	3.65906	3.16362E-05	5.5618E-04
610308.43	4206358.03	3065.98135	0.00054	3.67152	3.17439E-05	5.7012E-04
610315.43	4206358.03	3147.88249	0.00055	3.68463	3.18573E-05	5.8462E-04
610322.43	4206358.03	3233.55558	0.00057	3.69608	3.19563E-05	5.9976E-04
610329.43	4206358.03	3322.69802	0.00058	3.70781	3.20577E-05	6.1552E-04
610336.43	4206358.03	3416.0731	0.00060	3.71774	3.21436E-05	6.3200E-04
610343.43	4206358.03	3515.98513	0.00062	3.71902	3.21546E-05	6.4955E-04
610350.43	4206358.03	3620.86522	0.00064	3.71912	3.21555E-05	6.6797E-04
610357.43	4206358.03	3730.64512	0.00066	3.71949	3.21587E-05	6.8725E-04
610364.43	4206358.03	3845.71656	0.00068	3.72050	3.21674E-05	7.0747E-04
610371.43	4206358.03	3966.30277	0.00070	3.72221	3.21822E-05	7.2866E-04
610378.43	4206358.03	4092.85752	0.00072	3.72460	3.22029E-05	7.5090E-04
610385.43	4206358.03	4225.74671	0.00074	3.72757	3.22286E-05	7.7426E-04
610392.43	4206358.03	4365.42008	0.00077	3.73104	3.22586E-05	7.9882E-04
610399.43	4206358.03	4512.24109	0.00079	3.73493	3.22922E-05	8.2463E-04
610406.43	4206358.03	4666.74789	0.00082	3.73916	3.23288E-05	8.5180E-04
610413.43	4206358.03	4829.5422	0.00085	3.74365	3.23676E-05	8.8042E-04
610420.43	4206358.03	5001.02173	0.00088	3.74835	3.24082E-05	9.1058E-04
610427.43	4206358.03	5181.99336	0.00091	3.75323	3.24504E-05	9.4240E-04
610434.43	4206358.03	5372.96871	0.00094	3.75825	3.24938E-05	9.7598E-04
610441.43	4206358.03	5574.8716	0.00098	3.76339	3.25383E-05	1.0115E-03
610448.43	4206358.03	5788.35444	0.00102	3.76862	3.25835E-05	1.0490E-03
610455.43	4206358.03	6014.41069	0.00106	3.77395	3.26296E-05	1.0887E-03
610462.43	4206358.03	6254.02887	0.00110	3.77940	3.26767E-05	1.1309E-03
610469.43	4206358.03	6508.17259	0.00114	3.78494	3.27246E-05	1.1755E-03
610476.43	4206358.03	6778.19795	0.00119	3.79053	3.27729E-05	1.2230E-03
610497.43	4206358.03	7697.40507	0.00135	3.80678	3.29134E-05	1.3846E-03
610504.43	4206358.03	8045.89284	0.00141	3.81169	3.29559E-05	1.4458E-03
610511.43	4206358.03	8418.80486	0.00148	3.81617	3.29946E-05	1.5113E-03
610518.43	4206358.03	8818.61836	0.00155	3.82012	3.30287E-05	1.5816E-03
610525.43	4206358.03	9248.10175	0.00162	3.82345	3.30575E-05	1.6570E-03
610532.43	4206358.03	9710.55415	0.00171	3.82599	3.30795E-05	1.7382E-03
610539.43	4206358.03	10209.57416	0.00179	3.82761	3.30935E-05	1.8259E-03
610546.43	4206358.03	10749.65219	0.00189	3.82817	3.30983E-05	1.9207E-03
610553.43	4206358.03	11335.67743	0.00199	3.82754	3.30929E-05	2.0236E-03
610560.43	4206358.03	11980.80798	0.00210	3.82576	3.30775E-05	2.1369E-03
610567.43	4206358.03	12693.68691	0.00223	3.82305	3.30541E-05	2.2620E-03
610574.43	4206358.03	13476.05837	0.00237	3.81886	3.30178E-05	2.3994E-03
610581.43	4206358.03	14336.63449	0.00252	3.81299	3.29671E-05	2.5504E-03
610588.43	4206358.03	15292.24595	0.00269	3.80516	3.28994E-05	2.7182E-03
610595.43	4206358.03	16357.60029	0.00287	3.79482	3.28100E-05	2.9052E-03
610602.43	4206358.03	17563.58848	0.00308	3.78069	3.26878E-05	3.1168E-03
610609.43	4206358.03	18944.72004	0.00333	3.76197	3.25260E-05	3.3592E-03
610616.43	4206358.03	20558.3885	0.00361	3.73701	3.23102E-05	3.6423E-03
610623.43	4206358.03	22467.35657	0.00395	3.70451	3.20292E-05	3.9772E-03
610630.43	4206358.03	24731.71859	0.00434	3.66400	3.16789E-05	4.3745E-03
610637.43	4206358.03	27404.78361	0.00481	3.61450	3.12509E-05	4.8435E-03
610644.43	4206358.03	30646.90009	0.00538	3.55097	3.07017E-05	5.4122E-03
610651.43	4206358.03	34559.7631	0.00607	3.47084	3.00089E-05	6.0986E-03
610658.43	4206358.03	39186.84658	0.00688	3.37092	2.91450E-05	6.9103E-03
610665.43	4206358.03	44445.67848	0.00780	3.24949	2.80951E-05	7.8327E-03
610672.43	4206358.03	50200.73919	0.00882	3.10231	2.68226E-05	8.8420E-03
610679.43	4206358.03	56224.01844	0.00987	2.92052	2.52508E-05	9.8981E-03
610686.43	4206358.03	62369.96632	0.01095	2.70383	2.33773E-05	1.0975E-02
610693.43	4206358.03	68532.81052	0.01203	2.46677	2.13277E-05	1.2056E-02
610700.43	4206358.03	74548.20305	0.01309	2.22859	1.92684E-05	1.3110E-02
610707.43	4206358.03	80533.70461	0.01414	2.00328	1.73203E-05	1.4159E-02
610714.43	4206358.03	86375.52651	0.01517	1.79858	1.55505E-05	1.5183E-02
610721.43	4206358.03	91931.57157	0.01614	1.61695	1.39801E-05	1.6157E-02
610728.43	4206358.03	97118.2564	0.01705	1.45749	1.26015E-05	1.7066E-02
610735.43	4206358.03	101966.0897	0.01791	1.31796	1.13951E-05	1.7916E-02
610742.43	4206358.03	106389.9747	0.01868	1.19608	1.03413E-05	1.8692E-02
610749.43	4206358.03	110273.4933	0.01936	1.08954	9.42016E-06	1.9373E-02
610756.43	4206358.03	113371.027	0.01991	0.99616	8.61279E-06	1.9916E-02
610763.43	4206358.03	115695.3138	0.02032	0.91407	7.90304E-06	2.0324E-02
610770.43	4206358.03	117203.677	0.02058	0.84168	7.27716E-06	2.0588E-02
610777.43	4206358.03	117777.6503	0.02068	0.77756	6.72278E-06	2.0688E-02
610784.43	4206358.03	117336.2683	0.02060	0.72056	6.22996E-06	2.0610E-02
610791.43	4206358.03	115942.5337	0.02036	0.66970	5.79022E-06	2.0365E-02
610798.43	4206358.03	113739.0521	0.01997	0.62413	5.39622E-06	1.9978E-02
610805.43	4206358.03	110968.2511	0.01949	0.58314	5.04183E-06	1.9491E-02
610812.43	4206358.03	107825.3529	0.01893	0.54615	4.72201E-06	1.8939E-02
610833.43	4206358.03	97561.8957	0.01713	0.45453	3.92986E-06	1.7136E-02
610840.43	4206358.03	94139.7292	0.01653	0.42920	3.71086E-06	1.6534E-02
610847.43	4206358.03	90794.75734	0.01594	0.40599	3.51019E-06	1.5947E-02
610854.43	4206358.03	87559.30233	0.01538	0.38470	3.32611E-06	1.5379E-02
610861.43	4206358.03	84437.56096	0.01483	0.36509	3.15657E-06	1.4830E-02
610868.43	4206358.03	81432.18972	0.01430	0.34699	3.00007E-06	1.4302E-02
610875.43	4206358.03	78545.49394	0.01379	0.33024	2.85525E-06	1.3795E-02
610882.43	4206358.03	75776.97665	0.01331	0.31471	2.72098E-06	1.3309E-02
610889.43	4206358.03	73124.05766	0.01284	0.30029	2.59631E-06	1.2843E-02
610896.43	4206358.03	70582.91519	0.01239	0.28686	2.48019E-06	1.2397E-02
610903.43	4206358.03	68149.19907	0.01197	0.27434	2.37194E-06	1.1969E-02
610910.43	4206358.03	65818.08302	0.01156	0.26265	2.27087E-06	1.1560E-02
610917.43	4206358.03	63584.65524	0.01117	0.25172	2.17637E-06	1.1168E-02
610924.43	4206358.03	61444.0256	0.01079	0.24147	2.08775E-06	1.0792E-02
610931.43	4206358.03	59391.48436	0.01043	0.23185	2.00457E-06	1.0431E-02
610938.43	4206358.03	57422.38097	0.01008	0.22281	1.92641E-06	1.0085E-02
610945.43	4206358.03	55532.44697	0.00975	0.21431	1.85292E-06	9.7532E-03
610952.43	4206358.03	53717.61774	0.00943	0.20629	1.78358E-06	9.4345E-03
610959.43	4206358.03	51973.9903	0.00913	0.19873	1.71822E-06	9.1282E-03
610966.43	4206358.03	50298.11093	0.00883	0.19159	1.65649E-06	8.8339E-03
610973.43	4206358.03	48686.47345	0.00855	0.18484	1.59813E-06	8.5508E-03
610980.43	4206358.03	47136.05427	0.00828	0.17844	1.54279E-06	8.2785E-03
610987.43	4206358.03	45643.88377	0.00801	0.17238	1.49040E-06	8.0165E-03
610994.43	4206358.03	44207.20204	0.00776	0.16664	1.44077E-06	7.7641E-03
611001.43	4206358.03	42823.56602	0.00752	0.16118	1.39356E-06	7.5211E-03
611008.43	4206358.03	41490.41548	0.00729	0.15599	1.34869E-06	7.2870E-03
611029.43	4206358.03	37772.91035	0.00663	0.14187	1.22661E-06	6.6341E-03
611036.43	4206358.03	36621.11914	0.00643	0.13760	1.18969E-06	6.4318E-03
611043.43	4206358.03	35509.85976	0.00624	0.13352	1.15441E-06	6.2366E-03
611050.43	4206358.03	34437.66514	0.00605	0.12962	1.12069E-06	6.0483E-03
611057.43	4206358.03	33402.80223	0.00587	0.12590	1.08853E-06	5.8665E-03
611064.43	4206358.03	32403.91834	0.00569	0.12234	1.05775E-06	5.6911E-03
611078.43	4206358.03	30508.3297	0.00536	0.11566	9.99996E-07	5.3582E-03
611085.43	4206358.03	29608.96874	0.00520	0.11253	9.72934E-07	5.2002E-03
611092.43	4206358.03	28740.29136	0.00505	0.10952	9.46909E-07	5.0477E-03
610294.43	4206365.03	2831.19965	0.00050	3.15091	2.72428E-05	5.2440E-04
610301.43	4206365.03	2903.31662	0.00051	3.16180	2.73369E-05	5.3715E-04

610308.43	4206365.03	2978.69331	0.00052	3.17175	2.74229E-05	5.5047E-04
610315.43	4206365.03	3056.93095	0.00054	3.18229	2.75141E-05	5.6430E-04
610322.43	4206365.03	3138.76089	0.00055	3.19145	2.75933E-05	5.7875E-04
610329.43	4206365.03	3223.83048	0.00057	3.20094	2.76753E-05	5.9377E-04
610336.43	4206365.03	3312.58405	0.00058	3.20984	2.77523E-05	6.0943E-04
610343.43	4206365.03	3408.07259	0.00060	3.20950	2.77493E-05	6.2620E-04
610350.43	4206365.03	3507.92127	0.00062	3.20894	2.77445E-05	6.4373E-04
610357.43	4206365.03	3612.34564	0.00063	3.20852	2.77408E-05	6.6206E-04
610364.43	4206365.03	3721.68249	0.00065	3.20843	2.77401E-05	6.8126E-04
610371.43	4206365.03	3836.15189	0.00067	3.20879	2.77432E-05	7.0136E-04
610378.43	4206365.03	3956.16855	0.00069	3.20960	2.77502E-05	7.2244E-04
610385.43	4206365.03	4082.08513	0.00072	3.21085	2.77610E-05	7.4457E-04
610392.43	4206365.03	4214.16563	0.00074	3.21249	2.77752E-05	7.6777E-04
610399.43	4206365.03	4352.89874	0.00076	3.21446	2.77922E-05	7.9215E-04
610406.43	4206365.03	4498.7412	0.00079	3.21673	2.78118E-05	8.1778E-04
610413.43	4206365.03	4652.05086	0.00082	3.21923	2.78334E-05	8.4472E-04
610420.43	4206365.03	4813.48157	0.00085	3.22193	2.78568E-05	8.7309E-04
610427.43	4206365.03	4983.43075	0.00088	3.22476	2.78813E-05	9.0296E-04
610434.43	4206365.03	5162.57047	0.00091	3.22772	2.79069E-05	9.3444E-04
610441.43	4206365.03	5351.56568	0.00094	3.23075	2.79330E-05	9.6766E-04
610448.43	4206365.03	5551.06788	0.00097	3.23385	2.79599E-05	1.0027E-03
610455.43	4206365.03	5761.92401	0.00101	3.23698	2.79869E-05	1.0398E-03
610462.43	4206365.03	5984.86357	0.00105	3.24013	2.80141E-05	1.0789E-03
610469.43	4206365.03	6220.98771	0.00109	3.24330	2.80416E-05	1.1204E-03
610476.43	4206365.03	6471.17896	0.00114	3.24644	2.80687E-05	1.1644E-03
610497.43	4206365.03	7318.50663	0.00129	3.25512	2.81438E-05	1.3133E-03
610504.43	4206365.03	7638.04422	0.00134	3.25751	2.81644E-05	1.3694E-03
610511.43	4206365.03	7978.93756	0.00140	3.25951	2.81817E-05	1.4293E-03
610518.43	4206365.03	8343.3081	0.00147	3.26102	2.81948E-05	1.4933E-03
610525.43	4206365.03	8733.33866	0.00153	3.26193	2.82026E-05	1.5618E-03
610532.43	4206365.03	9151.84715	0.00161	3.26214	2.82044E-05	1.6352E-03
610539.43	4206365.03	9601.83519	0.00169	3.26152	2.81991E-05	1.7143E-03
610546.43	4206365.03	10086.71378	0.00177	3.25991	2.81852E-05	1.7994E-03
610553.43	4206365.03	10610.78256	0.00186	3.25718	2.81616E-05	1.8914E-03
610560.43	4206365.03	11186.12809	0.00196	3.25384	2.81327E-05	1.9924E-03
610567.43	4206365.03	11815.96908	0.00207	3.24981	2.80978E-05	2.1030E-03
610574.43	4206365.03	12505.17494	0.00220	3.24443	2.80513E-05	2.2239E-03
610581.43	4206365.03	13259.29075	0.00233	3.23736	2.79902E-05	2.3563E-03
610588.43	4206365.03	14092.96157	0.00247	3.22858	2.79143E-05	2.5026E-03
610595.43	4206365.03	15019.24834	0.00264	3.21750	2.78185E-05	2.6652E-03
610602.43	4206365.03	16063.70869	0.00282	3.20329	2.76956E-05	2.8484E-03
610609.43	4206365.03	17255.34528	0.00303	3.18508	2.75382E-05	3.0575E-03
610616.43	4206365.03	18629.04719	0.00327	3.16211	2.73396E-05	3.2986E-03
610623.43	4206365.03	20234.03002	0.00355	3.13321	2.70897E-05	3.5801E-03
610630.43	4206365.03	22104.57271	0.00388	3.09835	2.67883E-05	3.9083E-03
610637.43	4206365.03	24267.63703	0.00426	3.05696	2.64305E-05	4.2878E-03
610644.43	4206365.03	26810.73377	0.00471	3.00637	2.59931E-05	4.7339E-03
610651.43	4206365.03	29827.78923	0.00524	2.94445	2.54577E-05	5.2632E-03
610658.43	4206365.03	33349.72008	0.00586	2.86992	2.48133E-05	5.8810E-03
610665.43	4206365.03	37387.49596	0.00657	2.78157	2.40494E-05	6.5892E-03
610672.43	4206365.03	41838.96952	0.00735	2.67755	2.31501E-05	7.3700E-03
610679.43	4206365.03	46630.36384	0.00819	2.55293	2.20726E-05	8.2103E-03
610686.43	4206365.03	51606.24063	0.00906	2.40558	2.07986E-05	9.0827E-03
610693.43	4206365.03	56699.85049	0.00996	2.24003	1.93673E-05	9.9757E-03
610700.43	4206365.03	61796.21237	0.01085	2.06598	1.78625E-05	1.0869E-02
610707.43	4206365.03	66951.50109	0.01176	1.89306	1.63674E-05	1.1773E-02
610714.43	4206365.03	72034.96642	0.01265	1.72846	1.49443E-05	1.2664E-02
610721.43	4206365.03	76968.28705	0.01352	1.57609	1.36269E-05	1.3529E-02
610728.43	4206365.03	81672.54664	0.01434	1.43749	1.24285E-05	1.4354E-02
610735.43	4206365.03	86065.51783	0.01511	1.31277	1.13502E-05	1.5124E-02
610742.43	4206365.03	90162.77184	0.01583	1.20115	1.03851E-05	1.5843E-02
610749.43	4206365.03	93878.90685	0.01648	1.10160	9.52443E-06	1.6494E-02
610756.43	4206365.03	97109.74343	0.01705	1.01290	8.75753E-06	1.7061E-02
610763.43	4206365.03	99616.36875	0.01749	0.93379	8.07354E-06	1.7500E-02
610770.43	4206365.03	101480.4456	0.01782	0.86315	7.46279E-06	1.7827E-02
610777.43	4206365.03	102660.1392	0.01803	0.79997	6.91654E-06	1.8034E-02
610784.43	4206365.03	103089.7872	0.01810	0.74331	6.42665E-06	1.8109E-02
610791.43	4206365.03	102768.7857	0.01805	0.69235	5.98605E-06	1.8052E-02
610798.43	4206365.03	101764.1179	0.01787	0.64641	5.58886E-06	1.7875E-02
610805.43	4206365.03	100175.3357	0.01759	0.60486	5.22962E-06	1.7596E-02
610812.43	4206365.03	98162.9245	0.01724	0.56719	4.90392E-06	1.7242E-02
610833.43	4206365.03	90704.879	0.01593	0.47319	4.09120E-06	1.5932E-02
610840.43	4206365.03	88020.47215	0.01546	0.44706	3.86528E-06	1.5460E-02
610847.43	4206365.03	85323.01689	0.01498	0.42305	3.65769E-06	1.4986E-02
610854.43	4206365.03	82657.82358	0.01451	0.40098	3.46687E-06	1.4518E-02
610861.43	4206365.03	80038.23658	0.01405	0.38063	3.29093E-06	1.4058E-02
610868.43	4206365.03	77476.02975	0.01360	0.36181	3.12821E-06	1.3608E-02
610875.43	4206365.03	74981.11583	0.01317	0.34437	2.97742E-06	1.3169E-02
610882.43	4206365.03	72559.99374	0.01274	0.32819	2.83753E-06	1.2744E-02
610889.43	4206365.03	70216.15823	0.01233	0.31315	2.70749E-06	1.2333E-02
610896.43	4206365.03	67950.85206	0.01193	0.29913	2.58628E-06	1.1935E-02
610903.43	4206365.03	65763.82331	0.01155	0.28605	2.47319E-06	1.1550E-02
610910.43	4206365.03	63654.13122	0.01118	0.27383	2.36753E-06	1.1180E-02
610917.43	4206365.03	61620.12447	0.01082	0.26239	2.26862E-06	1.0823E-02
610924.43	4206365.03	59659.44502	0.01048	0.25167	2.17594E-06	1.0478E-02
610931.43	4206365.03	57769.65499	0.01014	0.24160	2.08887E-06	1.0146E-02
610938.43	4206365.03	55948.39571	0.00982	0.23214	2.00708E-06	9.8264E-03
610945.43	4206365.03	54192.85156	0.00952	0.22323	1.93005E-06	9.5181E-03
610952.43	4206365.03	52500.41044	0.00922	0.21484	1.85751E-06	9.2208E-03
610959.43	4206365.03	50868.54374	0.00893	0.20691	1.78894E-06	8.9342E-03
610966.43	4206365.03	49294.88234	0.00866	0.19943	1.72427E-06	8.6578E-03
610973.43	4206365.03	47776.8535	0.00839	0.19235	1.66306E-06	8.3912E-03
610980.43	4206365.03	46312.31424	0.00813	0.18565	1.60513E-06	8.1339E-03
610987.43	4206365.03	44898.89635	0.00788	0.17930	1.55023E-06	7.8857E-03
610994.43	4206365.03	43534.74146	0.00764	0.17328	1.49818E-06	7.6461E-03
611001.43	4206365.03	42217.71055	0.00741	0.16756	1.44872E-06	7.4148E-03
611022.43	4206365.03	38531.45418	0.00677	0.15203	1.31445E-06	6.7674E-03
611029.43	4206365.03	37385.31848	0.00656	0.14733	1.27381E-06	6.5661E-03
611036.43	4206365.03	36277.78697	0.00637	0.14286	1.23517E-06	6.3715E-03
611043.43	4206365.03	35207.5777	0.00618	0.13859	1.19825E-06	6.1836E-03
611050.43	4206365.03	34173.1153	0.00600	0.13451	1.16297E-06	6.0019E-03
611057.43	4206365.03	33173.16815	0.00583	0.13061	1.12925E-06	5.8263E-03
611064.43	4206365.03	32206.5385	0.00566	0.12688	1.09700E-06	5.6565E-03
611078.43	4206365.03	30367.94777	0.00533	0.11989	1.03657E-06	5.3336E-03
611085.43	4206365.03	29493.8623	0.00518	0.11661	1.00821E-06	5.1801E-03
611092.43	4206365.03	28648.49513	0.00503	0.11347	9.81061E-07	5.0316E-03
610294.43	4206372.03	2753.02562	0.00048	2.76742	2.39271E-05	5.0735E-04
610301.43	4206372.03	2822.0649	0.00050	2.77603	2.40015E-05	5.1955E-04
610308.43	4206372.03	2894.13305	0.00051	2.78389	2.40695E-05	5.3227E-04
610315.43	4206372.03	2968.93132	0.00052	2.79230	2.41422E-05	5.4548E-04
610322.43	4206372.03	3046.81967	0.00054	2.80040	2.42122E-05	5.5923E-04
610329.43	4206372.03	3128.28484	0.00055	2.80739	2.42727E-05	5.7359E-04
610336.43	4206372.03	3212.92776	0.00056	2.81468	2.43357E-05	5.8852E-04
610343.43	4206372.03	3303.96335	0.00058	2.81461	2.43351E-05	6.0450E-04
610350.43	4206372.03	3399.01678	0.00060	2.81422	2.43317E-05	6.2119E-04
610357.43	4206372.03	3498.41824	0.00061	2.81373	2.43275E-05	6.3864E-04
610364.43	4206372.03	3602.30627	0.00063	2.81331	2.43239E-05	6.5688E-04
610371.43	4206372.03	3711.0577	0.00065	2.81308	2.43219E-05	6.7598E-04
610378.43	4206372.03	3824.90927	0.00067	2.81310	2.43220E-05	6.9597E-04
610385.43	4206372.03	3944.18041	0.00069	2.81339	2.43246E-05	7.1691E-04
610392.43	4206372.03	4069.21468	0.00071	2.81395	2.43294E-05	7.3887E-04
610399.43	4206372.03	4200.39532	0.00074	2.81477	2.43365E-05	7.6192E-04
610406.43	4206372.03	4338.01232	0.00076	2.81581	2.43455E-05	7.8609E-04
610413.43	4206372.03	4482.59474	0.00079	2.81704	2.43561E-05	8.1149E-04
610420.43	4206372.03	4634.54146	0.00081	2.81842	2.43680E-05	8.3818E-04
610427.43	4206372.03	4794.30302	0.00084	2.81993	2.43811E-05	8.6625E-04
610434.43	4206372.03	4962.45539	0.00087	2.82153	2.43949E-05	8.9579E-04
610441.43	4206372.03	5139.4926	0.00090	2.82318	2.44092E-05	9.2689E-04
610448.43	4206372.03	5326.14186	0.00094	2.82487	2.44238E-05	9.5968E-04
610455.43	4206372.03	5522.93676	0.00097	2.82656	2.44384E-05	9.9425E-04
610462.43	4206372.03	5730.74992	0.00101	2.82824	2.44529E-05	1.0308E-03
610469.43	4206372.03	5950.27354	0.00104	2.82988	2.44671E-05	1.0693E-03
610476.43	4206372.03	6182.37037	0.00109	2.83145	2.44807E-05	1.1101E-03
610497.43	4206372.03	6964.93814	0.00122	2.83531	2.45141E-05	1.2475E-03
610504.43	4206372.03	7258.51366	0.00127	2.83611	2.45210E-05	1.2991E-03
610511.43	4206372.03	7570.89559	0.00133	2.83654	2.45247E-05	1.3540E-03
610518.43	4206372.03	7903.83732	0.00139	2.83653	2.45246E-05	1.4124E-03
610525.43	4206372.03	8259.09421	0.00145	2.83598	2.45199E-05	1.4748E-03
610532.43	4206372.03	8639.08743	0.00152	2.83481	2.45098E-05	1.5415E-03
610539.43	4206372.03	9046.3183	0.00159	2.83288	2.44931E-05	1.6130E-03
610546.43	4206372.03	9483.57804	0.00167	2.83007	2.44688E-05	1.6898E-03
610553.43	4206372.03	9954.49273	0.00175	2.82625	2.44357E-05	1.7724E-03
610560.43	4206372.03	10469.21908	0.00184	2.82206	2.43995E-05	1.8628E-03
610567.43	4206372.03	11030.11383	0.00194	2.81730	2.43584E-05	1.9612E-03
610574.43	4206372.03	11641.17694	0.00204	2.81136	2.43070E-05	2.0685E-03
610581.43	4206372.03	12307.54998	0.00216	2.80387	2.42422E-05	2.1854E-03
610588.43	4206372.03	13041.72423	0.00229	2.79490	2.41647E-05	2.3143E-03
610595.43	4206372.03	13856.58914	0.00243	2.78394	2.40699E-05	2.4573E-03
610602.43	4206372.03	14768.76389	0.00259	2.77031	2.39521E-05	2.6173E-03

610609.43	4206372.03	15805.10914	0.00278	2.75346	2.38064E-05	2.7991E-03
610616.43	4206372.03	16989.33236	0.00298	2.73279	2.36277E-05	3.0069E-03
610623.43	4206372.03	18355.89264	0.00322	2.70758	2.34097E-05	3.2467E-03
610630.43	4206372.03	19925.59817	0.00350	2.67788	2.31529E-05	3.5220E-03
610637.43	4206372.03	21707.21212	0.00381	2.64352	2.28559E-05	3.8346E-03
610644.43	4206372.03	23766.36105	0.00417	2.60251	2.25013E-05	4.1958E-03
610651.43	4206372.03	26148.36046	0.00459	2.55387	2.20807E-05	4.6137E-03
610658.43	4206372.03	28910.14311	0.00508	2.49646	2.15844E-05	5.0981E-03
610665.43	4206372.03	32058.76686	0.00563	2.42978	2.10079E-05	5.6505E-03
610672.43	4206372.03	35568.88345	0.00625	2.35269	2.03413E-05	6.2662E-03
610679.43	4206372.03	39383.78553	0.00692	2.26267	1.95630E-05	6.9353E-03
610686.43	4206372.03	43428.75987	0.00763	2.15762	1.86548E-05	7.6446E-03
610693.43	4206372.03	47604.45721	0.00836	2.03856	1.76254E-05	8.3769E-03
610700.43	4206372.03	51872.65498	0.00911	1.90986	1.65126E-05	9.1252E-03
610707.43	4206372.03	56279.99763	0.00988	1.77729	1.53664E-05	9.8980E-03
610714.43	4206372.03	60716.29057	0.01066	1.64618	1.42329E-05	1.0676E-02
610721.43	4206372.03	65061.16891	0.01142	1.52038	1.31452E-05	1.1438E-02
610728.43	4206372.03	69234.05289	0.01216	1.40232	1.21245E-05	1.2169E-02
610735.43	4206372.03	73238.43472	0.01286	1.29309	1.11800E-05	1.2872E-02
610742.43	4206372.03	76999.64267	0.01352	1.19305	1.03151E-05	1.3531E-02
610749.43	4206372.03	80444.43594	0.01413	1.10201	9.52797E-06	1.4135E-02
610756.43	4206372.03	83577.25718	0.01468	1.01944	8.81407E-06	1.4685E-02
610763.43	4206372.03	86291.4733	0.01515	0.94470	8.16787E-06	1.5161E-02
610770.43	4206372.03	88314.49065	0.01551	0.87710	7.58340E-06	1.5515E-02
610777.43	4206372.03	89831.60268	0.01577	0.81593	7.05453E-06	1.5781E-02
610784.43	4206372.03	90787.55669	0.01594	0.76054	6.57563E-06	1.5949E-02
610791.43	4206372.03	91158.84619	0.01601	0.71033	6.14151E-06	1.6013E-02
610798.43	4206372.03	90965.88978	0.01597	0.66471	5.74708E-06	1.5979E-02
610805.43	4206372.03	90253.96436	0.01585	0.62319	5.38810E-06	1.5854E-02
610812.43	4206372.03	89113.18246	0.01565	0.58535	5.06093E-06	1.5653E-02
610833.43	4206372.03	83998.6501	0.01475	0.49008	4.23723E-06	1.4754E-02
610840.43	4206372.03	81965.8825	0.01439	0.46338	4.00638E-06	1.4397E-02
610847.43	4206372.03	79859.45557	0.01402	0.43881	3.79395E-06	1.4027E-02
610854.43	4206372.03	77723.49543	0.01365	0.41615	3.59803E-06	1.3652E-02
610861.43	4206372.03	75576.9344	0.01327	0.39521	3.41698E-06	1.3275E-02
610868.43	4206372.03	73437.81709	0.01290	0.37581	3.24925E-06	1.2899E-02
610875.43	4206372.03	71321.7556	0.01252	0.35781	3.09362E-06	1.2527E-02
610882.43	4206372.03	69239.91145	0.01216	0.34108	2.94898E-06	1.2161E-02
610889.43	4206372.03	67200.42521	0.01180	0.32550	2.81427E-06	1.1803E-02
610896.43	4206372.03	65208.60768	0.01145	0.31096	2.68856E-06	1.1453E-02
610903.43	4206372.03	63268.13659	0.01111	0.29739	2.57123E-06	1.1112E-02
610910.43	4206372.03	61380.97483	0.01078	0.28470	2.46151E-06	1.0781E-02
610917.43	4206372.03	59548.03776	0.01046	0.27280	2.35863E-06	1.0459E-02
610924.43	4206372.03	57769.7511	0.01014	0.26164	2.26214E-06	1.0147E-02
610931.43	4206372.03	56045.78778	0.00984	0.25116	2.17153E-06	9.8437E-03
610938.43	4206372.03	54375.19463	0.00955	0.24131	2.08637E-06	9.5502E-03
610945.43	4206372.03	52757.15514	0.00926	0.23202	2.00604E-06	9.2660E-03
610952.43	4206372.03	51190.52172	0.00899	0.22327	1.93039E-06	8.9909E-03
610959.43	4206372.03	49673.6558	0.00872	0.21501	1.85898E-06	8.7244E-03
610966.43	4206372.03	48205.43666	0.00846	0.20720	1.79145E-06	8.4666E-03
610973.43	4206372.03	46784.17433	0.00822	0.19982	1.72764E-06	8.2169E-03
610980.43	4206372.03	45408.53233	0.00797	0.19283	1.66721E-06	7.9753E-03
610987.43	4206372.03	44076.99724	0.00774	0.18620	1.60988E-06	7.7414E-03
610994.43	4206372.03	42788.25976	0.00751	0.17991	1.55550E-06	7.5151E-03
611001.43	4206372.03	41540.76527	0.00729	0.17394	1.50388E-06	7.2960E-03
611022.43	4206372.03	38032.50937	0.00668	0.15772	1.36365E-06	6.6798E-03
611029.43	4206372.03	36936.94639	0.00649	0.15281	1.32119E-06	6.4874E-03
611036.43	4206372.03	35876.0946	0.00630	0.14814	1.28082E-06	6.3010E-03
611043.43	4206372.03	34849.19304	0.00612	0.14368	1.24226E-06	6.1207E-03
611050.43	4206372.03	33854.69949	0.00594	0.13942	1.20542E-06	5.9460E-03
611057.43	4206372.03	32891.83239	0.00578	0.13535	1.17024E-06	5.7769E-03
611064.43	4206372.03	31959.30311	0.00561	0.13145	1.13652E-06	5.6131E-03
611078.43	4206372.03	30181.74774	0.00530	0.12416	1.07349E-06	5.3009E-03
611085.43	4206372.03	29334.78028	0.00515	0.12074	1.04392E-06	5.1522E-03
611092.43	4206372.03	28514.37707	0.00501	0.11746	1.01556E-06	5.0081E-03
610294.43	4206379.03	2677.20668	0.00047	2.46088	2.12768E-05	4.9139E-04
610301.43	4206379.03	2743.2965	0.00048	2.46763	2.13351E-05	5.0305E-04
610308.43	4206379.03	2812.03764	0.00049	2.47437	2.13934E-05	5.1518E-04
610315.43	4206379.03	2883.76155	0.00051	2.48048	2.14462E-05	5.2783E-04
610322.43	4206379.03	2958.19608	0.00052	2.48698	2.15024E-05	5.4096E-04
610329.43	4206379.03	3035.94862	0.00053	2.49272	2.15520E-05	5.5466E-04
610336.43	4206379.03	3116.72961	0.00055	2.49873	2.16040E-05	5.6889E-04
610343.43	4206379.03	3203.51688	0.00056	2.49921	2.16082E-05	5.8414E-04
610350.43	4206379.03	3294.11663	0.00058	2.49926	2.16086E-05	6.0005E-04
610357.43	4206379.03	3388.66947	0.00060	2.49902	2.16065E-05	6.1665E-04
610364.43	4206379.03	3487.53662	0.00061	2.49865	2.16033E-05	6.3401E-04
610371.43	4206379.03	3590.81921	0.00063	2.49825	2.15999E-05	6.5214E-04
610378.43	4206379.03	3698.90027	0.00065	2.49794	2.15972E-05	6.7112E-04
610385.43	4206379.03	3811.98519	0.00067	2.49775	2.15955E-05	6.9097E-04
610392.43	4206379.03	3930.42943	0.00069	2.49772	2.15953E-05	7.1177E-04
610399.43	4206379.03	4054.45822	0.00071	2.49785	2.15964E-05	7.3355E-04
610406.43	4206379.03	4184.51872	0.00073	2.49814	2.15989E-05	7.5639E-04
610413.43	4206379.03	4320.9233	0.00076	2.49856	2.16025E-05	7.8035E-04
610420.43	4206379.03	4464.04033	0.00078	2.49909	2.16071E-05	8.0548E-04
610427.43	4206379.03	4614.3858	0.00081	2.49972	2.16126E-05	8.3189E-04
610434.43	4206379.03	4772.29606	0.00084	2.50041	2.16185E-05	8.5962E-04
610441.43	4206379.03	4938.38686	0.00087	2.50114	2.16248E-05	8.8879E-04
610448.43	4206379.03	5113.09255	0.00090	2.50188	2.16312E-05	9.1948E-04
610455.43	4206379.03	5297.08324	0.00093	2.50260	2.16375E-05	9.5179E-04
610462.43	4206379.03	5490.89319	0.00096	2.50329	2.16434E-05	9.8583E-04
610469.43	4206379.03	5695.30718	0.00100	2.50392	2.16489E-05	1.0217E-03
610476.43	4206379.03	5911.04714	0.00104	2.50446	2.16535E-05	1.0596E-03
610497.43	4206379.03	6635.03978	0.00117	2.50516	2.16596E-05	1.1868E-03
610504.43	4206379.03	6905.44032	0.00121	2.50493	2.16576E-05	1.2342E-03
610511.43	4206379.03	7192.40367	0.00126	2.50436	2.16527E-05	1.2846E-03
610518.43	4206379.03	7497.408	0.00132	2.50339	2.16443E-05	1.3382E-03
610525.43	4206379.03	7822.07687	0.00137	2.50194	2.16318E-05	1.3952E-03
610532.43	4206379.03	8168.23071	0.00143	2.49993	2.16144E-05	1.4559E-03
610539.43	4206379.03	8538.12686	0.00150	2.49725	2.15912E-05	1.5209E-03
610546.43	4206379.03	8934.0704	0.00157	2.49380	2.15614E-05	1.5904E-03
610553.43	4206379.03	9359.02012	0.00164	2.48946	2.15239E-05	1.6649E-03
610560.43	4206379.03	9821.7544	0.00172	2.48484	2.14839E-05	1.7462E-03
610567.43	4206379.03	10324.07502	0.00181	2.47975	2.14399E-05	1.8343E-03
610574.43	4206379.03	10869.48775	0.00191	2.47363	2.13870E-05	1.9300E-03
610581.43	4206379.03	11462.64647	0.00201	2.46612	2.13221E-05	2.0341E-03
610588.43	4206379.03	12114.20301	0.00213	2.45734	2.12461E-05	2.1485E-03
610595.43	4206379.03	12834.29777	0.00225	2.44684	2.11554E-05	2.2748E-03
610602.43	4206379.03	13640.11315	0.00240	2.43419	2.10460E-05	2.4162E-03
610609.43	4206379.03	14549.01339	0.00255	2.41890	2.09138E-05	2.5757E-03
610616.43	4206379.03	15579.16442	0.00274	2.40056	2.07552E-05	2.7564E-03
610623.43	4206379.03	16755.14683	0.00294	2.37871	2.05663E-05	2.9627E-03
610630.43	4206379.03	18090.29213	0.00318	2.35346	2.03480E-05	3.1970E-03
610637.43	4206379.03	19582.10747	0.00344	2.32478	2.01000E-05	3.4587E-03
610644.43	4206379.03	21279.43252	0.00374	2.29124	1.98100E-05	3.7564E-03
610651.43	4206379.03	23216.98612	0.00408	2.25213	1.94719E-05	4.0963E-03
610658.43	4206379.03	25428.04146	0.00447	2.20689	1.90808E-05	4.4842E-03
610665.43	4206379.03	27932.52541	0.00490	2.15510	1.86330E-05	4.9235E-03
610672.43	4206379.03	30727.8787	0.00540	2.09606	1.81225E-05	5.4139E-03
610679.43	4206379.03	33801.16525	0.00594	2.02834	1.75370E-05	5.9529E-03
610686.43	4206379.03	37085.03588	0.00651	1.95045	1.68636E-05	6.5289E-03
610693.43	4206379.03	40537.01098	0.00712	1.86217	1.61003E-05	7.1343E-03
610700.43	4206379.03	44100.81014	0.00774	1.76532	1.52629E-05	7.7593E-03
610707.43	4206379.03	47849.48122	0.00840	1.66303	1.43785E-05	8.4166E-03
610714.43	4206379.03	51676.26878	0.00907	1.55888	1.34781E-05	9.0877E-03
610721.43	4206379.03	55454.09204	0.00974	1.45603	1.25888E-05	9.7502E-03
610728.43	4206379.03	59173.31306	0.01039	1.35674	1.17304E-05	1.0402E-02
610749.43	4206379.03	69374.69733	0.01218	1.09253	9.44601E-06	1.2191E-02
610756.43	4206379.03	72330.73878	0.01270	1.01698	8.79280E-06	1.2710E-02
610763.43	4206379.03	74967.45939	0.01316	0.94757	8.19269E-06	1.3172E-02
610770.43	4206379.03	77211.58129	0.01356	0.88392	7.64237E-06	1.3566E-02
610777.43	4206379.03	78901.21119	0.01385	0.82565	7.13857E-06	1.3862E-02
610784.43	4206379.03	80164.45681	0.01408	0.77235	6.67773E-06	1.4083E-02
610791.43	4206379.03	80973.91292	0.01422	0.72357	6.25598E-06	1.4225E-02
610798.43	4206379.03	81325.27687	0.01428	0.67890	5.86977E-06	1.4286E-02
610805.43	4206379.03	81242.45287	0.01427	0.63797	5.51589E-06	1.4272E-02
610812.43	4206379.03	80751.47286	0.01418	0.60042	5.19123E-06	1.4185E-02
610833.43	4206379.03	77539.01233	0.01362	0.50496	4.36588E-06	1.3620E-02
610840.43	4206379.03	76073.32715	0.01336	0.47799	4.13270E-06	1.3362E-02
610847.43	4206379.03	74488.14959	0.01308	0.45307	3.91724E-06	1.3084E-02
610854.43	4206379.03	72829.64512	0.01279	0.43003	3.71804E-06	1.2792E-02
610861.43	4206379.03	71118.14699	0.01249	0.40868	3.53345E-06	1.2492E-02
610868.43	4206379.03	69374.0665	0.01218	0.38885	3.36200E-06	1.2185E-02
610875.43	4206379.03	67616.13299	0.01187	0.37041	3.20256E-06	1.1876E-02
610882.43	4206379.03	65858.82717	0.01156	0.35323	3.05402E-06	1.1568E-02
610889.43	4206379.03	64113.23472	0.01126	0.33721	2.91552E-06	1.1261E-02
610896.43	4206379.03	62387.98533	0.01096	0.32225	2.78617E-06	1.0958E-02
610903.43	4206379.03	60689.36714	0.01066	0.30826	2.66521E-06	1.0660E-02
610910.43	4206379.03	59021.83078	0.01036	0.29515	2.55187E-06	1.0367E-02
610917.43	4206379.03	57388.78245	0.01008	0.28286	2.44561E-06	1.0080E-02

610924.43	4206379.03	55792.75699	0.00980	0.27132	2.34583E-06	9.7994E-03
610931.43	4206379.03	54235.04166	0.00952	0.26047	2.25202E-06	9.5258E-03
610938.43	4206379.03	52716.46017	0.00926	0.25025	2.16366E-06	9.2591E-03
610945.43	4206379.03	51237.51247	0.00900	0.24063	2.08049E-06	8.9993E-03
610952.43	4206379.03	49798.23707	0.00874	0.23155	2.00198E-06	8.7465E-03
610959.43	4206379.03	48398.56147	0.00850	0.22297	1.92780E-06	8.5006E-03
610966.43	4206379.03	47037.84436	0.00826	0.21486	1.85768E-06	8.2616E-03
610973.43	4206379.03	45715.60507	0.00803	0.20719	1.79136E-06	8.0294E-03
610980.43	4206379.03	44431.25188	0.00780	0.19992	1.72851E-06	7.8038E-03
610987.43	4206379.03	43183.93026	0.00758	0.19303	1.66894E-06	7.5847E-03
610994.43	4206379.03	41972.77037	0.00737	0.18649	1.61239E-06	7.3719E-03
611015.43	4206379.03	38548.40211	0.00677	0.16874	1.45893E-06	6.7705E-03
611022.43	4206379.03	37473.55189	0.00658	0.16339	1.41267E-06	6.5817E-03
611029.43	4206379.03	36430.61165	0.00640	0.15829	1.36857E-06	6.3985E-03
611036.43	4206379.03	35418.74483	0.00622	0.15342	1.32647E-06	6.2208E-03
611043.43	4206379.03	34436.93634	0.00605	0.14878	1.28635E-06	6.0483E-03
611050.43	4206379.03	33484.41832	0.00588	0.14434	1.24796E-06	5.8810E-03
611057.43	4206379.03	32560.4366	0.00572	0.14010	1.21130E-06	5.7188E-03
611064.43	4206379.03	31663.99935	0.00556	0.13604	1.17620E-06	5.5613E-03
611078.43	4206379.03	29950.93739	0.00526	0.12845	1.11058E-06	5.2604E-03
611085.43	4206379.03	29132.73271	0.00512	0.12488	1.07971E-06	5.1167E-03
611092.43	4206379.03	28339.05794	0.00498	0.12147	1.05023E-06	4.9773E-03
610294.43	4206386.03	2603.5586	0.00046	2.21040	1.91111E-05	4.7629E-04
610301.43	4206386.03	2667.07022	0.00047	2.21525	1.91530E-05	4.8748E-04
610308.43	4206386.03	2732.85546	0.00048	2.22053	1.91987E-05	4.9908E-04
610315.43	4206386.03	2801.48267	0.00049	2.22544	1.92411E-05	5.1118E-04
610322.43	4206386.03	2872.63619	0.00050	2.23068	1.92864E-05	5.2371E-04
610329.43	4206386.03	2946.89281	0.00052	2.23542	1.93274E-05	5.3680E-04
610336.43	4206386.03	3023.98323	0.00053	2.24041	1.93706E-05	5.5038E-04
610343.43	4206386.03	3106.8142	0.00055	2.24137	1.93789E-05	5.6493E-04
610350.43	4206386.03	3193.13888	0.00056	2.24186	1.93831E-05	5.8009E-04
610357.43	4206386.03	3283.22843	0.00058	2.24196	1.93840E-05	5.9591E-04
610364.43	4206386.03	3377.24906	0.00059	2.24179	1.93825E-05	6.1242E-04
610371.43	4206386.03	3475.4808	0.00061	2.24147	1.93797E-05	6.2967E-04
610378.43	4206386.03	3578.11044	0.00063	2.24109	1.93765E-05	6.4768E-04
610385.43	4206386.03	3685.39991	0.00065	2.24072	1.93733E-05	6.6652E-04
610392.43	4206386.03	3797.59968	0.00067	2.24040	1.93705E-05	6.8622E-04
610399.43	4206386.03	3915.06409	0.00069	2.24015	1.93683E-05	7.0684E-04
610406.43	4206386.03	4038.00591	0.00071	2.23999	1.93669E-05	7.2843E-04
610413.43	4206386.03	4166.75786	0.00073	2.23991	1.93663E-05	7.5104E-04
610420.43	4206386.03	4301.80145	0.00076	2.23991	1.93663E-05	7.7475E-04
610427.43	4206386.03	4443.29577	0.00078	2.23996	1.93667E-05	7.9960E-04
610434.43	4206386.03	4591.82371	0.00081	2.24004	1.93674E-05	8.2568E-04
610441.43	4206386.03	4747.75368	0.00083	2.24014	1.93682E-05	8.5306E-04
610448.43	4206386.03	4911.54094	0.00086	2.24024	1.93691E-05	8.8182E-04
610455.43	4206386.03	5083.73305	0.00089	2.24031	1.93697E-05	9.1206E-04
610462.43	4206386.03	5264.82156	0.00092	2.24032	1.93698E-05	9.4386E-04
610469.43	4206386.03	5455.43819	0.00096	2.24026	1.93693E-05	9.7733E-04
610476.43	4206386.03	5656.23905	0.00099	2.24011	1.93680E-05	1.0126E-03
610497.43	4206386.03	6327.34205	0.00111	2.23871	1.93559E-05	1.1304E-03
610504.43	4206386.03	6576.9763	0.00115	2.23781	1.93481E-05	1.1743E-03
610511.43	4206386.03	6841.25058	0.00120	2.23659	1.93375E-05	1.2206E-03
610518.43	4206386.03	7121.40615	0.00125	2.23501	1.93239E-05	1.2698E-03
610525.43	4206386.03	7418.96758	0.00130	2.23300	1.93065E-05	1.3221E-03
610532.43	4206386.03	7735.33299	0.00136	2.23050	1.92849E-05	1.3776E-03
610539.43	4206386.03	8072.44848	0.00142	2.22741	1.92582E-05	1.4368E-03
610546.43	4206386.03	8432.35605	0.00148	2.22364	1.92256E-05	1.4999E-03
610553.43	4206386.03	8817.39131	0.00155	2.21910	1.91863E-05	1.5675E-03
610560.43	4206386.03	9234.49855	0.00162	2.21422	1.91441E-05	1.6407E-03
610567.43	4206386.03	9686.72253	0.00170	2.20903	1.90993E-05	1.7201E-03
610574.43	4206386.03	10175.54274	0.00179	2.20281	1.90455E-05	1.8058E-03
610581.43	4206386.03	10706.73293	0.00188	2.19555	1.89827E-05	1.8991E-03
610588.43	4206386.03	11288.05177	0.00198	2.18714	1.89100E-05	2.0011E-03
610595.43	4206386.03	11928.48306	0.00209	2.17720	1.88241E-05	2.1134E-03
610602.43	4206386.03	12642.08454	0.00222	2.16572	1.87248E-05	2.2386E-03
610609.43	4206386.03	13442.27246	0.00236	2.15215	1.86075E-05	2.3790E-03
610616.43	4206386.03	14343.63463	0.00252	2.13620	1.84696E-05	2.5372E-03
610623.43	4206386.03	15360.85229	0.00270	2.11751	1.83080E-05	2.7156E-03
610630.43	4206386.03	16506.04981	0.00290	2.09598	1.81218E-05	2.9165E-03
610637.43	4206386.03	17772.02353	0.00312	2.07176	1.79124E-05	3.1386E-03
610644.43	4206386.03	19198.25601	0.00337	2.04385	1.76711E-05	3.3888E-03
610651.43	4206386.03	20806.24259	0.00365	2.01185	1.73944E-05	3.6709E-03
610658.43	4206386.03	22621.44989	0.00397	1.97537	1.70790E-05	3.9894E-03
610665.43	4206386.03	24656.95339	0.00433	1.93415	1.67227E-05	4.3464E-03
610672.43	4206386.03	26933.85114	0.00473	1.88769	1.63210E-05	4.7458E-03
610679.43	4206386.03	29437.85418	0.00517	1.83516	1.58668E-05	5.1851E-03
610686.43	4206386.03	32145.85175	0.00564	1.77550	1.53510E-05	5.6601E-03
610693.43	4206386.03	35010.86364	0.00615	1.70824	1.47694E-05	6.1626E-03
610700.43	4206386.03	38017.34645	0.00668	1.63393	1.41270E-05	6.6899E-03
610707.43	4206386.03	41204.5958	0.00724	1.55421	1.34377E-05	7.2489E-03
610714.43	4206386.03	44481.68458	0.00781	1.47133	1.27211E-05	7.8236E-03
610721.43	4206386.03	47791.72648	0.00839	1.38752	1.19965E-05	8.4041E-03
610749.43	4206386.03	60274.88121	0.01058	1.07505	9.29488E-06	1.0593E-02
610756.43	4206386.03	63031.05041	0.01107	1.00690	8.70565E-06	1.1077E-02
610763.43	4206386.03	65543.26886	0.01151	0.94333	8.15603E-06	1.1517E-02
610770.43	4206386.03	67795.06385	0.01190	0.88426	7.64531E-06	1.1912E-02
610777.43	4206386.03	69550.36223	0.01221	0.82952	7.17203E-06	1.2220E-02
610784.43	4206386.03	70979.92214	0.01246	0.77892	6.73454E-06	1.2471E-02
610791.43	4206386.03	72056.09616	0.01265	0.73216	6.33025E-06	1.2659E-02
610798.43	4206386.03	72764.93083	0.01278	0.68900	5.95709E-06	1.2783E-02
610805.43	4206386.03	73110.91016	0.01284	0.64914	5.61246E-06	1.2844E-02
610812.43	4206386.03	73103.06844	0.01284	0.61233	5.29420E-06	1.2842E-02
610833.43	4206386.03	71398.28978	0.01254	0.51772	4.47620E-06	1.2542E-02
610840.43	4206386.03	70409.55186	0.01236	0.49073	4.24285E-06	1.2368E-02
610847.43	4206386.03	69276.57194	0.01216	0.46570	4.02644E-06	1.2169E-02
610854.43	4206386.03	68039.63323	0.01195	0.44248	3.82568E-06	1.1951E-02
610861.43	4206386.03	66718.94845	0.01172	0.42089	3.63901E-06	1.1719E-02
610868.43	4206386.03	65335.71571	0.01147	0.40079	3.46523E-06	1.1476E-02
610875.43	4206386.03	63909.59062	0.01122	0.38204	3.30312E-06	1.1226E-02
610882.43	4206386.03	62456.6924	0.01097	0.36455	3.15190E-06	1.0970E-02
610889.43	4206386.03	60990.02159	0.01071	0.34819	3.01045E-06	1.0713E-02
610896.43	4206386.03	59519.79202	0.01045	0.33289	2.87817E-06	1.0454E-02
610903.43	4206386.03	58054.54156	0.01019	0.31856	2.75427E-06	1.0197E-02
610910.43	4206386.03	56600.75696	0.00994	0.30511	2.63798E-06	9.9416E-03
610917.43	4206386.03	55163.50699	0.00969	0.29248	2.52878E-06	9.6891E-03
610924.43	4206386.03	53746.76042	0.00944	0.28061	2.42615E-06	9.4402E-03
610931.43	4206386.03	52353.59444	0.00919	0.26943	2.32949E-06	9.1955E-03
610938.43	4206386.03	50986.23091	0.00895	0.25891	2.23853E-06	8.9553E-03
610945.43	4206386.03	49646.32224	0.00872	0.24898	2.15268E-06	8.7199E-03
610952.43	4206386.03	48334.94081	0.00849	0.23960	2.07158E-06	8.4896E-03
610959.43	4206386.03	47053.08591	0.00826	0.23074	1.99498E-06	8.2644E-03
610966.43	4206386.03	45800.94803	0.00804	0.22235	1.92244E-06	8.0445E-03
610973.43	4206386.03	44579.17527	0.00783	0.21442	1.85387E-06	7.8299E-03
610980.43	4206386.03	43387.47172	0.00762	0.20689	1.78877E-06	7.6205E-03
610987.43	4206386.03	42225.89962	0.00741	0.19975	1.72704E-06	7.4165E-03
611015.43	4206386.03	37874.48884	0.00665	0.17458	1.50942E-06	6.6522E-03
611022.43	4206386.03	36858.29887	0.00647	0.16902	1.46135E-06	6.4737E-03
611029.43	4206386.03	35869.80572	0.00630	0.16373	1.41561E-06	6.3001E-03
611036.43	4206386.03	34908.41925	0.00613	0.15868	1.37195E-06	6.1312E-03
611043.43	4206386.03	33973.55153	0.00597	0.15386	1.33027E-06	5.9670E-03
611050.43	4206386.03	33064.78712	0.00581	0.14925	1.29041E-06	5.8074E-03
611057.43	4206386.03	32181.29352	0.00565	0.14485	1.25237E-06	5.6522E-03
611064.43	4206386.03	31322.58072	0.00550	0.14064	1.21597E-06	5.5014E-03
611078.43	4206386.03	29677.14838	0.00521	0.13274	1.14767E-06	5.2124E-03
611085.43	4206386.03	28889.14753	0.00507	0.12904	1.11568E-06	5.0740E-03
611092.43	4206386.03	28123.67006	0.00494	0.12549	1.08499E-06	4.9395E-03
610294.43	4206393.03	2532.50589	0.00044	2.00106	1.73012E-05	4.6200E-04
610301.43	4206393.03	2593.34405	0.00046	2.00496	1.73349E-05	4.7272E-04
610308.43	4206393.03	2656.3205	0.00047	2.00917	1.73713E-05	4.8382E-04
610315.43	4206393.03	2721.98728	0.00048	2.01319	1.74060E-05	4.9538E-04
610322.43	4206393.03	2790.02209	0.00049	2.01744	1.74428E-05	5.0736E-04
610329.43	4206393.03	2861.02403	0.00050	2.02138	1.74768E-05	5.1987E-04
610336.43	4206393.03	2934.66612	0.00052	2.02555	1.75129E-05	5.3283E-04
610343.43	4206393.03	3013.67224	0.00053	2.02685	1.75241E-05	5.4672E-04
610350.43	4206393.03	3096.03958	0.00054	2.02768	1.75313E-05	5.6119E-04
610357.43	4206393.03	3181.88606	0.00056	2.02809	1.75349E-05	5.7627E-04
610364.43	4206393.03	3271.42731	0.00057	2.02817	1.75355E-05	5.9199E-04
610371.43	4206393.03	3364.85494	0.00059	2.02802	1.75343E-05	6.0840E-04
610378.43	4206393.03	3462.39554	0.00061	2.02772	1.75317E-05	6.2552E-04
610385.43	4206393.03	3564.23191	0.00063	2.02733	1.75283E-05	6.4340E-04
610392.43	4206393.03	3670.69936	0.00064	2.02691	1.75247E-05	6.6209E-04
610399.43	4206393.03	3781.91571	0.00066	2.02650	1.75211E-05	6.8162E-04
610406.43	4206393.03	3898.24155	0.00068	2.02611	1.75177E-05	7.0204E-04
610413.43	4206393.03	4020.00742	0.00071	2.02574	1.75145E-05	7.2342E-04
610420.43	4206393.03	4147.38068	0.00073	2.02540	1.75116E-05	7.4578E-04
610427.43	4206393.03	4280.8194	0.00075	2.02508	1.75088E-05	7.6921E-04
610434.43	4206393.03	4420.62731	0.00078	2.02477	1.75062E-05	7.9376E-04
610441.43	4206393.03	4567.22355	0.00080	2.02446	1.75035E-05	8.1950E-04
610448.43	4206393.03	4720.95304	0.00083	2.02412	1.75005E-05	8.4649E-04

610455.43	4206393.03	4882.29871	0.00086	2.02374	1.74972E-05	8.7482E-04
610462.43	4206393.03	5051.74579	0.00089	2.02330	1.74934E-05	9.0457E-04
610469.43	4206393.03	5229.79871	0.00092	2.02278	1.74889E-05	9.3583E-04
610476.43	4206393.03	5416.99687	0.00095	2.02215	1.74835E-05	9.6870E-04
610497.43	4206393.03	6040.41032	0.00106	2.01935	1.74593E-05	1.0781E-03
610504.43	4206393.03	6271.34587	0.00110	2.01800	1.74476E-05	1.1187E-03
610511.43	4206393.03	6515.3333	0.00114	2.01636	1.74334E-05	1.1615E-03
610518.43	4206393.03	6773.4405	0.00119	2.01440	1.74165E-05	1.2068E-03
610525.43	4206393.03	7046.8358	0.00124	2.01206	1.73963E-05	1.2548E-03
610532.43	4206393.03	7336.80766	0.00129	2.00927	1.73721E-05	1.3057E-03
610539.43	4206393.03	7645.08234	0.00134	2.00597	1.73436E-05	1.3598E-03
610546.43	4206393.03	7973.30612	0.00140	2.00207	1.73099E-05	1.4174E-03
610553.43	4206393.03	8323.57761	0.00146	1.99750	1.72704E-05	1.4789E-03
610560.43	4206393.03	8701.95507	0.00153	1.99263	1.72283E-05	1.5453E-03
610567.43	4206393.03	9110.23658	0.00160	1.98737	1.71828E-05	1.6169E-03
610574.43	4206393.03	9550.61925	0.00168	1.98124	1.71298E-05	1.6942E-03
610581.43	4206393.03	10028.36036	0.00176	1.97426	1.70694E-05	1.7780E-03
610588.43	4206393.03	10550.00096	0.00185	1.96625	1.70002E-05	1.8696E-03
610595.43	4206393.03	11124.74858	0.00195	1.95713	1.69213E-05	1.9704E-03
610602.43	4206393.03	11761.00986	0.00207	1.94664	1.68306E-05	2.0820E-03
610609.43	4206393.03	12470.0705	0.00219	1.93457	1.67263E-05	2.2064E-03
610616.43	4206393.03	13263.19521	0.00233	1.92064	1.66058E-05	2.3456E-03
610623.43	4206393.03	14150.77354	0.00248	1.90465	1.64676E-05	2.5013E-03
610630.43	4206393.03	15140.80014	0.00266	1.88630	1.63089E-05	2.6750E-03
610637.43	4206393.03	16232.89105	0.00285	1.86562	1.61301E-05	2.8666E-03
610644.43	4206393.03	17445.82765	0.00306	1.84222	1.59278E-05	3.0794E-03
610651.43	4206393.03	18802.15157	0.00330	1.81567	1.56983E-05	3.3173E-03
610658.43	4206393.03	20313.54761	0.00357	1.78579	1.54399E-05	3.5825E-03
610665.43	4206393.03	22006.67864	0.00386	1.75231	1.51505E-05	3.8795E-03
610672.43	4206393.03	23881.76488	0.00419	1.71498	1.48277E-05	4.2084E-03
610679.43	4206393.03	25953.07226	0.00456	1.67322	1.44667E-05	4.5718E-03
610686.43	4206393.03	28194.91596	0.00495	1.62633	1.40612E-05	4.9650E-03
610693.43	4206393.03	30594.35169	0.00537	1.57380	1.36071E-05	5.3859E-03
610700.43	4206393.03	33136.55772	0.00582	1.51573	1.31050E-05	5.8318E-03
610707.43	4206393.03	35846.75656	0.00629	1.45287	1.25615E-05	6.3072E-03
610714.43	4206393.03	38678.55504	0.00679	1.38654	1.19880E-05	6.8039E-03
610721.43	4206393.03	41539.53963	0.00729	1.31828	1.13978E-05	7.3056E-03
610742.43	4206393.03	50034.44032	0.00879	1.11525	9.64245E-06	8.7956E-03
610749.43	4206393.03	52693.8398	0.00925	1.05150	9.09126E-06	9.2620E-03
610756.43	4206393.03	55240.26733	0.00970	0.99070	8.56559E-06	9.7086E-03
610763.43	4206393.03	57623.30896	0.01012	0.93315	8.06801E-06	1.0127E-02
610770.43	4206393.03	59768.46044	0.01050	0.87897	7.59957E-06	1.0503E-02
610777.43	4206393.03	61521.57446	0.01080	0.82817	7.16035E-06	1.0810E-02
610784.43	4206393.03	63023.74004	0.01107	0.78070	6.74993E-06	1.1074E-02
610791.43	4206393.03	64251.0272	0.01128	0.73641	6.36700E-06	1.1289E-02
610798.43	4206393.03	65185.49686	0.01145	0.69517	6.01044E-06	1.1452E-02
610805.43	4206393.03	65821.65465	0.01156	0.65678	5.67852E-06	1.1564E-02
610812.43	4206393.03	66156.07954	0.01162	0.62109	5.36994E-06	1.1622E-02
610833.43	4206393.03	65621.1684	0.01152	0.52827	4.56742E-06	1.1527E-02
610840.43	4206393.03	65026.79581	0.01142	0.50151	4.33605E-06	1.1423E-02
610847.43	4206393.03	64276.23439	0.01129	0.47659	4.12059E-06	1.1291E-02
610854.43	4206393.03	63403.4625	0.01113	0.45339	3.92001E-06	1.1137E-02
610861.43	4206393.03	62427.08573	0.01096	0.43174	3.73282E-06	1.0966E-02
610868.43	4206393.03	61367.11377	0.01078	0.41152	3.55800E-06	1.0779E-02
610875.43	4206393.03	60242.81776	0.01058	0.39261	3.39450E-06	1.0582E-02
610882.43	4206393.03	59070.27069	0.01037	0.37492	3.24156E-06	1.0376E-02
610889.43	4206393.03	57863.32341	0.01016	0.35834	3.09821E-06	1.0164E-02
610896.43	4206393.03	56633.40514	0.00994	0.34279	2.96376E-06	9.9477E-03
610903.43	4206393.03	55390.06035	0.00973	0.32820	2.83762E-06	9.7292E-03
610910.43	4206393.03	54141.19966	0.00951	0.31449	2.71908E-06	9.5098E-03
610917.43	4206393.03	52892.8726	0.00929	0.30159	2.60755E-06	9.2905E-03
610924.43	4206393.03	51650.56105	0.00907	0.28945	2.50258E-06	9.0722E-03
610931.43	4206393.03	50418.16078	0.00885	0.27801	2.40367E-06	8.8557E-03
610938.43	4206393.03	49199.41087	0.00864	0.26721	2.31030E-06	8.6416E-03
610945.43	4206393.03	47996.67599	0.00843	0.25702	2.22219E-06	8.4303E-03
610952.43	4206393.03	46812.23604	0.00822	0.24738	2.13885E-06	8.2223E-03
610959.43	4206393.03	45647.70446	0.00802	0.23827	2.06008E-06	8.0177E-03
610966.43	4206393.03	44504.31982	0.00781	0.22964	1.98547E-06	7.8168E-03
610973.43	4206393.03	43383.17884	0.00762	0.22146	1.91474E-06	7.6199E-03
610980.43	4206393.03	42284.66526	0.00743	0.21370	1.84765E-06	7.4269E-03
610987.43	4206393.03	41209.702	0.00724	0.20634	1.78401E-06	7.2381E-03
611008.43	4206393.03	38126.88561	0.00669	0.18636	1.61127E-06	6.6966E-03
611015.43	4206393.03	37146.94216	0.00652	0.18034	1.55922E-06	6.5245E-03
611022.43	4206393.03	36190.76234	0.00636	0.17459	1.50950E-06	6.3565E-03
611029.43	4206393.03	35258.00394	0.00619	0.16912	1.46221E-06	6.1927E-03
611036.43	4206393.03	34348.53917	0.00603	0.16389	1.41699E-06	6.0329E-03
611043.43	4206393.03	33462.11424	0.00588	0.15890	1.37385E-06	5.8772E-03
611050.43	4206393.03	32598.27253	0.00572	0.15413	1.33261E-06	5.7255E-03
611057.43	4206393.03	31756.72987	0.00558	0.14957	1.29318E-06	5.5777E-03
611064.43	4206393.03	30937.14476	0.00543	0.14521	1.25548E-06	5.4337E-03
611078.43	4206393.03	29362.01341	0.00516	0.13703	1.18476E-06	5.1571E-03
611085.43	4206393.03	28605.67914	0.00502	0.13320	1.15165E-06	5.0242E-03
611092.43	4206393.03	27869.5979	0.00489	0.12952	1.11983E-06	4.8950E-03
610294.43	4206400.03	2463.79097	0.00043	1.82385	1.57690E-05	4.4841E-04
610301.43	4206400.03	2522.10384	0.00044	1.82709	1.57970E-05	4.5867E-04
610308.43	4206400.03	2582.44814	0.00045	1.83053	1.58268E-05	4.6930E-04
610315.43	4206400.03	2645.32287	0.00046	1.83387	1.58556E-05	4.8037E-04
610322.43	4206400.03	2710.41485	0.00048	1.83738	1.58860E-05	4.9183E-04
610329.43	4206400.03	2778.10128	0.00049	1.84088	1.59162E-05	5.0374E-04
610336.43	4206400.03	2848.65698	0.00050	1.84420	1.59449E-05	5.1616E-04
610343.43	4206400.03	2924.14608	0.00051	1.84571	1.59580E-05	5.2943E-04
610350.43	4206400.03	3002.73879	0.00053	1.84678	1.59673E-05	5.4324E-04
610357.43	4206400.03	3084.58266	0.00054	1.84745	1.59730E-05	5.5762E-04
610364.43	4206400.03	3169.92699	0.00056	1.84778	1.59759E-05	5.7261E-04
610371.43	4206400.03	3258.85993	0.00057	1.84783	1.59763E-05	5.8822E-04
610378.43	4206400.03	3351.60792	0.00059	1.84768	1.59750E-05	6.0451E-04
610385.43	4206400.03	3448.42058	0.00061	1.84738	1.59724E-05	6.2151E-04
610392.43	4206400.03	3549.40314	0.00062	1.84698	1.59690E-05	6.3924E-04
610399.43	4206400.03	3654.90966	0.00064	1.84653	1.59651E-05	6.5776E-04
610406.43	4206400.03	3765.11797	0.00066	1.84604	1.59609E-05	6.7711E-04
610413.43	4206400.03	3880.23643	0.00068	1.84554	1.59565E-05	6.9732E-04
610420.43	4206400.03	4000.64464	0.00070	1.84502	1.59520E-05	7.1846E-04
610427.43	4206400.03	4126.58557	0.00072	1.84448	1.59474E-05	7.4057E-04
610434.43	4206400.03	4258.34866	0.00075	1.84393	1.59426E-05	7.6370E-04
610441.43	4206400.03	4396.30754	0.00077	1.84335	1.59376E-05	7.8792E-04
610448.43	4206400.03	4540.80378	0.00080	1.84273	1.59322E-05	8.1329E-04
610455.43	4206400.03	4692.2544	0.00082	1.84206	1.59264E-05	8.3988E-04
610462.43	4206400.03	4851.01522	0.00085	1.84131	1.59200E-05	8.6775E-04
610469.43	4206400.03	5017.5923	0.00088	1.84048	1.59128E-05	8.9699E-04
610476.43	4206400.03	5192.51614	0.00091	1.83954	1.59047E-05	9.2770E-04
610497.43	4206400.03	5772.64488	0.00101	1.83583	1.58726E-05	1.0295E-03
610504.43	4206400.03	5986.79266	0.00105	1.83420	1.58585E-05	1.0671E-03
610511.43	4206400.03	6212.5145	0.00109	1.83231	1.58421E-05	1.1067E-03
610518.43	4206400.03	6450.82741	0.00113	1.83012	1.58232E-05	1.1486E-03
610525.43	4206400.03	6702.70574	0.00118	1.82759	1.58013E-05	1.1928E-03
610532.43	4206400.03	6969.3164	0.00122	1.82466	1.57760E-05	1.2396E-03
610539.43	4206400.03	7252.0292	0.00127	1.82128	1.57468E-05	1.2892E-03
610546.43	4206400.03	7552.32943	0.00133	1.81738	1.57131E-05	1.3419E-03
610553.43	4206400.03	7872.13676	0.00138	1.81289	1.56742E-05	1.3980E-03
610560.43	4206400.03	8216.59241	0.00144	1.80812	1.56330E-05	1.4584E-03
610567.43	4206400.03	8586.93844	0.00151	1.80290	1.55879E-05	1.5234E-03
610574.43	4206400.03	8985.68351	0.00158	1.79697	1.55366E-05	1.5934E-03
610581.43	4206400.03	9418.09957	0.00165	1.79040	1.54798E-05	1.6693E-03
610588.43	4206400.03	9888.67922	0.00174	1.78281	1.54142E-05	1.7518E-03
610595.43	4206400.03	10405.79199	0.00183	1.77439	1.53414E-05	1.8426E-03
610602.43	4206400.03	10975.72478	0.00193	1.76481	1.52585E-05	1.9426E-03
610609.43	4206400.03	11607.61584	0.00204	1.75400	1.51651E-05	2.0534E-03
610616.43	4206400.03	12311.18149	0.00216	1.74184	1.50599E-05	2.1769E-03
610623.43	4206400.03	13091.4644	0.00230	1.72798	1.49401E-05	2.3138E-03
610630.43	4206400.03	13957.02353	0.00245	1.71231	1.48046E-05	2.4656E-03
610637.43	4206400.03	14904.56098	0.00262	1.69465	1.46519E-05	2.6319E-03
610644.43	4206400.03	15950.70959	0.00280	1.67480	1.44803E-05	2.8154E-03
610651.43	4206400.03	17107.09803	0.00300	1.65252	1.42877E-05	3.0183E-03
610658.43	4206400.03	18391.52752	0.00323	1.62765	1.40727E-05	3.2436E-03
610665.43	4206400.03	19811.51403	0.00348	1.60005	1.38340E-05	3.4927E-03
610672.43	4206400.03	21381.73418	0.00375	1.56949	1.35698E-05	3.7682E-03
610679.43	4206400.03	23107.42762	0.00406	1.53562	1.32770E-05	4.0709E-03
610686.43	4206400.03	24986.28198	0.00439	1.49795	1.29513E-05	4.4005E-03
610693.43	4206400.03	27007.63771	0.00474	1.45607	1.25892E-05	4.7551E-03
610700.43	4206400.03	29154.00575	0.00512	1.40989	1.21899E-05	5.1316E-03
610707.43	4206400.03	31472.33159	0.00553	1.35969	1.17559E-05	5.5382E-03
610714.43	4206400.03	33905.44659	0.00595	1.30622	1.12936E-05	5.9650E-03
610721.43	4206400.03	36386.86036	0.00639	1.25044	1.08113E-05	6.4003E-03
610735.43	4206400.03	41417.18998	0.00727	1.13596	9.82150E-06	7.2826E-03
610742.43	4206400.03	43905.17772	0.00771	1.07913	9.33015E-06	7.7190E-03
610749.43	4206400.03	46330.33686	0.00814	1.02356	8.84969E-06	8.1444E-03
610756.43	4206400.03	48646.02621	0.00854	0.96979	8.38480E-06	8.5505E-03
610763.43	4206400.03	50863.18322	0.00893	0.91817	7.93849E-06	8.9394E-03
610770.43	4206400.03	52896.42042	0.00929	0.86897	7.51311E-06	9.2960E-03

610777.43	4206400.03	54603.12586	0.00959	0.82229	7.10952E-06	9.5953E-03
610784.43	4206400.03	56117.20601	0.00985	0.77821	6.72840E-06	9.8608E-03
610791.43	4206400.03	57416.8293	0.01008	0.73669	6.36942E-06	1.0089E-02
610798.43	4206400.03	58484.28122	0.01027	0.69768	6.03214E-06	1.0276E-02
610805.43	4206400.03	59309.05125	0.01041	0.66109	5.71578E-06	1.0420E-02
610812.43	4206400.03	59880.10295	0.01051	0.62680	5.41931E-06	1.0520E-02
610833.43	4206400.03	60232.73863	0.01058	0.53658	4.63927E-06	1.0581E-02
610840.43	4206400.03	59957.14518	0.01053	0.51029	4.41196E-06	1.0533E-02
610847.43	4206400.03	59523.06534	0.01045	0.48570	4.19936E-06	1.0456E-02
610854.43	4206400.03	58959.17701	0.01035	0.46270	4.00050E-06	1.0357E-02
610861.43	4206400.03	58280.69634	0.01023	0.44116	3.81427E-06	1.0238E-02
610868.43	4206400.03	57505.25222	0.01010	0.42097	3.63970E-06	1.0101E-02
610875.43	4206400.03	56650.41466	0.00995	0.40204	3.47604E-06	9.9512E-03
610882.43	4206400.03	55731.99862	0.00979	0.38427	3.32240E-06	9.7897E-03
610889.43	4206400.03	54763.5381	0.00962	0.36758	3.17809E-06	9.6195E-03
610896.43	4206400.03	53756.41634	0.00944	0.35189	3.04244E-06	9.4425E-03
610903.43	4206400.03	52720.98781	0.00926	0.33712	2.91474E-06	9.2606E-03
610910.43	4206400.03	51665.51663	0.00907	0.32323	2.79464E-06	9.0751E-03
610917.43	4206400.03	50597.32761	0.00888	0.31013	2.68138E-06	8.8875E-03
610924.43	4206400.03	49522.22297	0.00870	0.29778	2.57460E-06	8.6986E-03
610931.43	4206400.03	48445.2642	0.00851	0.28612	2.47379E-06	8.5094E-03
610938.43	4206400.03	47370.6674	0.00832	0.27511	2.37860E-06	8.3206E-03
610945.43	4206400.03	46302.11681	0.00813	0.26469	2.28851E-06	8.1328E-03
610952.43	4206400.03	45242.07178	0.00794	0.25484	2.20335E-06	7.9466E-03
610959.43	4206400.03	44193.2913	0.00776	0.24551	2.12268E-06	7.7624E-03
610966.43	4206400.03	43157.46334	0.00758	0.23666	2.04616E-06	7.5804E-03
610973.43	4206400.03	42136.1683	0.00740	0.22828	1.97371E-06	7.4010E-03
610980.43	4206400.03	41130.93404	0.00722	0.22031	1.90480E-06	7.2244E-03
611008.43	4206400.03	37285.30099	0.00655	0.19219	1.66167E-06	6.5489E-03
611015.43	4206400.03	36370.62172	0.00639	0.18599	1.60807E-06	6.3882E-03
611022.43	4206400.03	35475.1813	0.00623	0.18007	1.55688E-06	6.2309E-03
611029.43	4206400.03	34599.25068	0.00608	0.17442	1.50803E-06	6.0771E-03
611036.43	4206400.03	33742.71983	0.00593	0.16903	1.46143E-06	5.9266E-03
611043.43	4206400.03	32905.69878	0.00578	0.16388	1.41691E-06	5.7796E-03
611050.43	4206400.03	32087.95138	0.00563	0.15896	1.37437E-06	5.6359E-03
611057.43	4206400.03	31289.47618	0.00549	0.15425	1.33364E-06	5.4957E-03
611064.43	4206400.03	30510.10606	0.00536	0.14974	1.29465E-06	5.3588E-03
611078.43	4206400.03	29007.61214	0.00509	0.14129	1.22159E-06	5.0949E-03
611085.43	4206400.03	28284.04603	0.00497	0.13733	1.18735E-06	4.9678E-03
611092.43	4206400.03	27578.58513	0.00484	0.13353	1.15450E-06	4.8439E-03
610294.43	4206407.03	2397.3967	0.00042	1.67189	1.44552E-05	4.3543E-04
610301.43	4206407.03	2453.31665	0.00043	1.67467	1.44792E-05	4.4528E-04
610308.43	4206407.03	2511.17056	0.00044	1.67756	1.45042E-05	4.5546E-04
610315.43	4206407.03	2571.18232	0.00045	1.68051	1.45297E-05	4.6602E-04
610322.43	4206407.03	2633.7422	0.00046	1.68335	1.45542E-05	4.7703E-04
610329.43	4206407.03	2698.47538	0.00047	1.68630	1.45797E-05	4.8843E-04
610336.43	4206407.03	2765.97692	0.00049	1.68916	1.46045E-05	5.0030E-04
610343.43	4206407.03	2838.10638	0.00050	1.69079	1.46186E-05	5.1298E-04
610350.43	4206407.03	2913.14669	0.00051	1.69204	1.46294E-05	5.2617E-04
610357.43	4206407.03	2991.2956	0.00053	1.69291	1.46369E-05	5.3990E-04
610364.43	4206407.03	3072.61997	0.00054	1.69345	1.46416E-05	5.5419E-04
610371.43	4206407.03	3157.39266	0.00055	1.69371	1.46438E-05	5.6907E-04
610378.43	4206407.03	3245.67226	0.00057	1.69373	1.46440E-05	5.8458E-04
610385.43	4206407.03	3337.69822	0.00059	1.69357	1.46426E-05	6.0074E-04
610392.43	4206407.03	3433.67655	0.00060	1.69327	1.46400E-05	6.1759E-04
610399.43	4206407.03	3533.80716	0.00062	1.69286	1.46365E-05	6.3517E-04
610406.43	4206407.03	3638.2877	0.00064	1.69237	1.46322E-05	6.5351E-04
610413.43	4206407.03	3747.33664	0.00066	1.69183	1.46276E-05	6.7265E-04
610420.43	4206407.03	3861.26042	0.00068	1.69123	1.46224E-05	6.9265E-04
610427.43	4206407.03	3980.20392	0.00070	1.69059	1.46168E-05	7.1353E-04
610434.43	4206407.03	4104.59188	0.00072	1.68991	1.46110E-05	7.3537E-04
610441.43	4206407.03	4234.61141	0.00074	1.68918	1.46046E-05	7.5819E-04
610448.43	4206407.03	4370.64833	0.00077	1.68839	1.45978E-05	7.8207E-04
610455.43	4206407.03	4512.95545	0.00079	1.68754	1.45905E-05	8.0706E-04
610462.43	4206407.03	4661.95803	0.00082	1.68661	1.45824E-05	8.3321E-04
610469.43	4206407.03	4818.09024	0.00085	1.68558	1.45735E-05	8.6062E-04
610476.43	4206407.03	4981.69439	0.00087	1.68444	1.45637E-05	8.8934E-04
610497.43	4206407.03	5522.67594	0.00097	1.68016	1.45267E-05	9.8430E-04
610504.43	4206407.03	5721.56905	0.00100	1.67836	1.45111E-05	1.0192E-03
610511.43	4206407.03	5930.92678	0.00104	1.67633	1.44935E-05	1.0560E-03
610518.43	4206407.03	6151.39971	0.00108	1.67403	1.44737E-05	1.0946E-03
610525.43	4206407.03	6384.05659	0.00112	1.67141	1.44510E-05	1.1355E-03
610532.43	4206407.03	6629.77286	0.00116	1.66844	1.44253E-05	1.1786E-03
610539.43	4206407.03	6889.7269	0.00121	1.66507	1.43962E-05	1.2242E-03
610546.43	4206407.03	7165.28656	0.00126	1.66125	1.43632E-05	1.2726E-03
610553.43	4206407.03	7458.13425	0.00131	1.65691	1.43256E-05	1.3240E-03
610560.43	4206407.03	7772.35625	0.00136	1.65223	1.42852E-05	1.3791E-03
610567.43	4206407.03	8110.18618	0.00142	1.64720	1.42417E-05	1.4384E-03
610574.43	4206407.03	8473.37383	0.00149	1.64158	1.41931E-05	1.5021E-03
610581.43	4206407.03	8865.34759	0.00156	1.63527	1.41385E-05	1.5709E-03
610588.43	4206407.03	9292.40167	0.00163	1.62825	1.40778E-05	1.6458E-03
610595.43	4206407.03	9759.67446	0.00171	1.62048	1.40107E-05	1.7278E-03
610602.43	4206407.03	10272.70701	0.00180	1.61170	1.39348E-05	1.8178E-03
610609.43	4206407.03	10839.72448	0.00190	1.60208	1.38516E-05	1.9173E-03
610616.43	4206407.03	11466.50186	0.00201	1.59130	1.37584E-05	2.0273E-03
610623.43	4206407.03	12157.23323	0.00213	1.57919	1.36537E-05	2.1484E-03
610630.43	4206407.03	12918.23107	0.00227	1.56564	1.35365E-05	2.2819E-03
610637.43	4206407.03	13749.28188	0.00241	1.55046	1.34053E-05	2.4277E-03
610644.43	4206407.03	14660.68133	0.00257	1.53352	1.32588E-05	2.5876E-03
610651.43	4206407.03	15660.73123	0.00275	1.51467	1.30958E-05	2.7631E-03
610658.43	4206407.03	16759.83787	0.00294	1.49377	1.29151E-05	2.9559E-03
610665.43	4206407.03	17969.84186	0.00316	1.47068	1.27155E-05	3.1682E-03
610672.43	4206407.03	19301.0099	0.00339	1.44528	1.24959E-05	3.4017E-03
610679.43	4206407.03	20760.4902	0.00365	1.41734	1.22543E-05	3.6578E-03
610686.43	4206407.03	22350.07542	0.00392	1.38653	1.19879E-05	3.9366E-03
610693.43	4206407.03	24065.32256	0.00423	1.35255	1.16941E-05	4.2375E-03
610700.43	4206407.03	25886.85569	0.00455	1.31523	1.13715E-05	4.5570E-03
610707.43	4206407.03	27866.07414	0.00489	1.27463	1.10204E-05	4.9042E-03
610714.43	4206407.03	29958.39724	0.00526	1.23112	1.06443E-05	5.2713E-03
610721.43	4206407.03	32109.60696	0.00564	1.18530	1.02481E-05	5.6486E-03
610735.43	4206407.03	36543.75386	0.00642	1.08943	9.41921E-06	6.4264E-03
610742.43	4206407.03	38746.10963	0.00680	1.04085	8.99918E-06	6.8127E-03
610749.43	4206407.03	40930.49083	0.00719	0.99267	8.58262E-06	7.1959E-03
610756.43	4206407.03	43040.2694	0.00756	0.94541	8.17401E-06	7.5659E-03
610763.43	4206407.03	45086.24306	0.00792	0.89946	7.77673E-06	7.9248E-03
610770.43	4206407.03	46991.82686	0.00825	0.85513	7.39345E-06	8.2591E-03
610777.43	4206407.03	48624.55447	0.00854	0.81260	7.02574E-06	8.5454E-03
610784.43	4206407.03	50109.37583	0.00880	0.77202	6.67488E-06	8.8058E-03
610791.43	4206407.03	51427.96463	0.00903	0.73344	6.34132E-06	9.0370E-03
610798.43	4206407.03	52563.01377	0.00923	0.69686	6.02505E-06	9.2360E-03
610805.43	4206407.03	53502.44965	0.00939	0.66229	5.72616E-06	9.4006E-03
610812.43	4206407.03	54232.04863	0.00952	0.62966	5.44404E-06	9.5285E-03
610833.43	4206407.03	55240.25315	0.00970	0.54271	4.69227E-06	9.7048E-03
610840.43	4206407.03	55217.11677	0.00970	0.51708	4.47067E-06	9.7005E-03
610847.43	4206407.03	55039.93387	0.00966	0.49299	4.26239E-06	9.6692E-03
610854.43	4206407.03	54733.76987	0.00961	0.47037	4.06682E-06	9.6152E-03
610861.43	4206407.03	54308.35185	0.00954	0.44910	3.88292E-06	9.5403E-03
610868.43	4206407.03	53779.00611	0.00944	0.42910	3.71000E-06	9.4472E-03
610875.43	4206407.03	53161.44003	0.00934	0.41027	3.54719E-06	9.3386E-03
610882.43	4206407.03	52469.76884	0.00921	0.39254	3.39390E-06	9.2170E-03
610889.43	4206407.03	51716.66089	0.00908	0.37584	3.24951E-06	9.0846E-03
610896.43	4206407.03	50913.31923	0.00894	0.36010	3.11342E-06	8.9434E-03
610903.43	4206407.03	50069.98927	0.00879	0.34526	2.98512E-06	8.7952E-03
610910.43	4206407.03	49195.026	0.00864	0.33126	2.86407E-06	8.6414E-03
610917.43	4206407.03	48296.05869	0.00848	0.31803	2.74969E-06	8.4834E-03
610924.43	4206407.03	47379.38008	0.00832	0.30554	2.64170E-06	8.3224E-03
610931.43	4206407.03	46450.82298	0.00816	0.29372	2.53950E-06	8.1592E-03
610938.43	4206407.03	45514.82524	0.00799	0.28254	2.44284E-06	7.9947E-03
610945.43	4206407.03	44575.54383	0.00783	0.27196	2.35136E-06	7.8297E-03
610952.43	4206407.03	43636.55809	0.00766	0.26193	2.26465E-06	7.6647E-03
610959.43	4206407.03	42700.55048	0.00750	0.25242	2.18242E-06	7.5003E-03
610966.43	4206407.03	41770.14005	0.00733	0.24339	2.10435E-06	7.3368E-03
610973.43	4206407.03	40847.46715	0.00717	0.23483	2.03034E-06	7.1748E-03
610980.43	4206407.03	39934.01916	0.00701	0.22668	1.95987E-06	7.0143E-03
611001.43	4206407.03	37263.27429	0.00654	0.20456	1.76862E-06	6.5451E-03
611008.43	4206407.03	36399.5613	0.00639	0.19787	1.71078E-06	6.3934E-03
611015.43	4206407.03	35550.39782	0.00624	0.19150	1.65571E-06	6.2442E-03
611022.43	4206407.03	34716.27938	0.00610	0.18542	1.60314E-06	6.0977E-03
611029.43	4206407.03	33897.6394	0.00595	0.17962	1.55299E-06	5.9539E-03
611036.43	4206407.03	33094.69339	0.00581	0.17408	1.50509E-06	5.8129E-03
611043.43	4206407.03	32307.80949	0.00567	0.16878	1.45927E-06	5.6746E-03
611050.43	4206407.03	31536.97955	0.00554	0.16371	1.41544E-06	5.5392E-03
611057.43	4206407.03	30782.50729	0.00541	0.15887	1.37359E-06	5.4067E-03
611064.43	4206407.03	30044.13199	0.00528	0.15422	1.33339E-06	5.2770E-03
611078.43	4206407.03	28616.13751	0.00502	0.14552	1.25817E-06	5.0262E-03
611085.43	4206407.03	27926.32136	0.00490	0.14143	1.22280E-06	4.9050E-03
611092.43	4206407.03	27252.32605	0.00479	0.13751	1.18891E-06	4.7866E-03
610294.43	4206414.03	2333.29478	0.00041	1.54013	1.33160E-05	4.2304E-04
610301.43	4206414.03	2386.79153	0.00042	1.54269	1.33381E-05	4.3245E-04

610308.43	4206414.03	2442.44009	0.00043	1.54509	1.33588E-05	4.4225E-04
610315.43	4206414.03	2499.99991	0.00044	1.54764	1.33809E-05	4.5238E-04
610322.43	4206414.03	2559.90941	0.00045	1.55010	1.34022E-05	4.6292E-04
610329.43	4206414.03	2621.92004	0.00046	1.55265	1.34242E-05	4.7383E-04
610336.43	4206414.03	2686.49835	0.00047	1.55515	1.34458E-05	4.8519E-04
610343.43	4206414.03	2755.48408	0.00048	1.55684	1.34604E-05	4.9732E-04
610350.43	4206414.03	2827.21724	0.00050	1.55820	1.34722E-05	5.0993E-04
610357.43	4206414.03	2901.83223	0.00051	1.55923	1.34811E-05	5.2304E-04
610364.43	4206414.03	2979.48377	0.00052	1.55995	1.34873E-05	5.3668E-04
610371.43	4206414.03	3060.27773	0.00054	1.56039	1.34911E-05	5.5087E-04
610378.43	4206414.03	3144.39225	0.00055	1.56059	1.34929E-05	5.6564E-04
610385.43	4206414.03	3232.00612	0.00057	1.56059	1.34929E-05	5.8103E-04
610392.43	4206414.03	3323.31714	0.00058	1.56041	1.34913E-05	5.9706E-04
610399.43	4206414.03	3418.42828	0.00060	1.56010	1.34886E-05	6.1376E-04
610406.43	4206414.03	3517.56465	0.00062	1.55968	1.34850E-05	6.3116E-04
610413.43	4206414.03	3621.0156	0.00064	1.55916	1.34805E-05	6.4932E-04
610420.43	4206414.03	3728.83078	0.00065	1.55856	1.34753E-05	6.6825E-04
610427.43	4206414.03	3841.45495	0.00067	1.55790	1.34696E-05	6.8802E-04
610434.43	4206414.03	3958.9504	0.00070	1.55716	1.34632E-05	7.0865E-04
610441.43	4206414.03	4081.66641	0.00072	1.55637	1.34564E-05	7.3019E-04
610448.43	4206414.03	4209.82442	0.00074	1.55549	1.34488E-05	7.5268E-04
610455.43	4206414.03	4343.79937	0.00076	1.55455	1.34406E-05	7.7620E-04
610462.43	4206414.03	4483.87978	0.00079	1.55351	1.34316E-05	8.0079E-04
610469.43	4206414.03	4630.36029	0.00081	1.55237	1.34218E-05	8.2650E-04
610476.43	4206414.03	4783.72072	0.00084	1.55113	1.34111E-05	8.5342E-04
610497.43	4206414.03	5289.02365	0.00093	1.54653	1.33713E-05	9.4211E-04
610504.43	4206414.03	5474.19374	0.00096	1.54465	1.33550E-05	9.7461E-04
610511.43	4206414.03	5668.6799	0.00100	1.54255	1.33369E-05	1.0087E-03
610518.43	4206414.03	5873.14671	0.00103	1.54021	1.33166E-05	1.0446E-03
610525.43	4206414.03	6088.4538	0.00107	1.53758	1.32939E-05	1.0824E-03
610532.43	4206414.03	6315.3301	0.00111	1.53463	1.32684E-05	1.1222E-03
610539.43	4206414.03	6555.03853	0.00115	1.53133	1.32399E-05	1.1643E-03
610546.43	4206414.03	6808.56386	0.00120	1.52763	1.32079E-05	1.2088E-03
610553.43	4206414.03	7077.54476	0.00124	1.52348	1.31720E-05	1.2560E-03
610560.43	4206414.03	7365.69848	0.00129	1.51900	1.31333E-05	1.3065E-03
610567.43	4206414.03	7674.42898	0.00135	1.51416	1.30914E-05	1.3607E-03
610574.43	4206414.03	8005.84141	0.00141	1.50882	1.30453E-05	1.4189E-03
610581.43	4206414.03	8361.68401	0.00147	1.50291	1.29942E-05	1.4816E-03
610588.43	4206414.03	8752.26165	0.00154	1.49639	1.29378E-05	1.5498E-03
610595.43	4206414.03	9176.20115	0.00161	1.48918	1.28754E-05	1.6242E-03
610602.43	4206414.03	9640.0856	0.00169	1.48122	1.28066E-05	1.7056E-03
610609.43	4206414.03	10150.38653	0.00178	1.47245	1.27308E-05	1.7951E-03
610616.43	4206414.03	10711.55795	0.00188	1.46287	1.26480E-05	1.8936E-03
610623.43	4206414.03	11327.62367	0.00199	1.45223	1.25560E-05	2.0017E-03
610630.43	4206414.03	12002.77849	0.00211	1.44046	1.24542E-05	2.1201E-03
610637.43	4206414.03	12737.4575	0.00224	1.42732	1.23406E-05	2.2490E-03
610644.43	4206414.03	13536.74931	0.00238	1.41272	1.22144E-05	2.3892E-03
610651.43	4206414.03	14410.19042	0.00253	1.39667	1.20756E-05	2.5425E-03
610658.43	4206414.03	15363.89668	0.00270	1.37890	1.19220E-05	2.7098E-03
610665.43	4206414.03	16403.72002	0.00288	1.35942	1.17535E-05	2.8922E-03
610672.43	4206414.03	17544.96186	0.00308	1.33804	1.15687E-05	3.0924E-03
610679.43	4206414.03	18791.97863	0.00330	1.31467	1.13666E-05	3.3112E-03
610686.43	4206414.03	20142.987	0.00354	1.28910	1.11456E-05	3.5482E-03
610693.43	4206414.03	21608.04795	0.00379	1.26108	1.09033E-05	3.8052E-03
610700.43	4206414.03	23169.0133	0.00407	1.23048	1.06387E-05	4.0791E-03
610707.43	4206414.03	24864.77269	0.00437	1.19721	1.03511E-05	4.3765E-03
610714.43	4206414.03	26667.46917	0.00468	1.16146	1.00420E-05	4.6928E-03
610721.43	4206414.03	28544.45177	0.00501	1.12356	9.71429E-06	5.0221E-03
610735.43	4206414.03	32424.50533	0.00569	1.04312	9.01881E-06	5.7027E-03
610742.43	4206414.03	34382.21033	0.00604	1.00164	8.66017E-06	6.0461E-03
610749.43	4206414.03	36342.24812	0.00638	0.95998	8.29998E-06	6.3899E-03
610756.43	4206414.03	38255.06891	0.00672	0.91864	7.94256E-06	6.7254E-03
610763.43	4206414.03	40131.309	0.00705	0.87796	7.59084E-06	7.0546E-03
610770.43	4206414.03	41901.40413	0.00736	0.83827	7.24768E-06	7.3650E-03
610777.43	4206414.03	43443.16825	0.00763	0.79979	6.91498E-06	7.6354E-03
610784.43	4206414.03	44873.05245	0.00788	0.76270	6.59430E-06	7.8862E-03
610791.43	4206414.03	46173.72428	0.00811	0.72712	6.28668E-06	8.1143E-03
610798.43	4206414.03	47330.8422	0.00831	0.69310	5.99254E-06	8.3172E-03
610805.43	4206414.03	48331.53786	0.00849	0.66069	5.71232E-06	8.4926E-03
610812.43	4206414.03	49160.44136	0.00863	0.62987	5.44585E-06	8.6379E-03
610833.43	4206414.03	50638.55226	0.00889	0.54671	4.72685E-06	8.8967E-03
610840.43	4206414.03	50811.98165	0.00892	0.52192	4.51252E-06	8.9270E-03
610847.43	4206414.03	50840.58849	0.00893	0.49850	4.31003E-06	8.9318E-03
610854.43	4206414.03	50744.47275	0.00891	0.47642	4.11912E-06	8.9147E-03
610861.43	4206414.03	50530.26801	0.00887	0.45556	3.93877E-06	8.8769E-03
610868.43	4206414.03	50210.52904	0.00882	0.43586	3.76844E-06	8.8206E-03
610875.43	4206414.03	49798.41879	0.00874	0.41726	3.60763E-06	8.7481E-03
610882.43	4206414.03	49306.00252	0.00866	0.39969	3.45572E-06	8.6615E-03
610889.43	4206414.03	48744.92459	0.00856	0.38309	3.31219E-06	8.5628E-03
610896.43	4206414.03	48125.39523	0.00845	0.36740	3.17654E-06	8.4539E-03
610903.43	4206414.03	47457.14659	0.00833	0.35256	3.04823E-06	8.3364E-03
610910.43	4206414.03	46748.3448	0.00821	0.33853	2.92693E-06	8.2118E-03
610917.43	4206414.03	46006.63295	0.00808	0.32525	2.81211E-06	8.0815E-03
610924.43	4206414.03	45238.53856	0.00794	0.31268	2.70343E-06	7.9465E-03
610931.43	4206414.03	44449.80919	0.00781	0.30077	2.60046E-06	7.8079E-03
610938.43	4206414.03	43645.56536	0.00766	0.28948	2.50284E-06	7.6666E-03
610945.43	4206414.03	42830.05094	0.00752	0.27877	2.41024E-06	7.5233E-03
610952.43	4206414.03	42007.22748	0.00738	0.26861	2.32240E-06	7.3787E-03
610959.43	4206414.03	41180.41002	0.00723	0.25896	2.23897E-06	7.2334E-03
610966.43	4206414.03	40352.41225	0.00709	0.24979	2.15968E-06	7.0880E-03
610973.43	4206414.03	39525.6652	0.00694	0.24107	2.08429E-06	6.9427E-03
610980.43	4206414.03	38702.28125	0.00680	0.23278	2.01261E-06	6.7980E-03
611001.43	4206414.03	36269.52798	0.00637	0.21021	1.81747E-06	6.3707E-03
611008.43	4206414.03	35475.4287	0.00623	0.20338	1.75842E-06	6.2312E-03
611015.43	4206414.03	34691.64288	0.00609	0.19686	1.70205E-06	6.0935E-03
611022.43	4206414.03	33918.74785	0.00596	0.19063	1.64819E-06	5.9577E-03
611029.43	4206414.03	33157.44842	0.00582	0.18469	1.59683E-06	5.8240E-03
611036.43	4206414.03	32408.5259	0.00569	0.17901	1.54772E-06	5.6924E-03
611043.43	4206414.03	31672.09208	0.00556	0.17358	1.50077E-06	5.5630E-03
611050.43	4206414.03	30948.74084	0.00543	0.16838	1.45581E-06	5.4360E-03
611057.43	4206414.03	30238.66593	0.00531	0.16340	1.41276E-06	5.3113E-03
611064.43	4206414.03	29542.04508	0.00519	0.15863	1.37151E-06	5.1889E-03
611078.43	4206414.03	28189.9812	0.00495	0.14968	1.29413E-06	4.9514E-03
611085.43	4206414.03	27534.5082	0.00483	0.14548	1.25782E-06	4.8363E-03
611092.43	4206414.03	26892.91815	0.00472	0.14145	1.22298E-06	4.7236E-03
610294.43	4206421.03	2271.46196	0.00040	1.42478	1.23186E-05	4.1118E-04
610301.43	4206421.03	2322.82724	0.00041	1.42709	1.23386E-05	4.2022E-04
610308.43	4206421.03	2376.26461	0.00042	1.42927	1.23575E-05	4.2962E-04
610315.43	4206421.03	2431.45334	0.00043	1.43153	1.23770E-05	4.3933E-04
610322.43	4206421.03	2488.91874	0.00044	1.43372	1.23959E-05	4.4944E-04
610329.43	4206421.03	2548.29465	0.00045	1.43596	1.24153E-05	4.5989E-04
610336.43	4206421.03	2610.17328	0.00046	1.43818	1.24345E-05	4.7078E-04
610343.43	4206421.03	2676.22943	0.00047	1.43990	1.24494E-05	4.8239E-04
610350.43	4206421.03	2744.84631	0.00048	1.44134	1.24618E-05	4.9445E-04
610357.43	4206421.03	2816.14262	0.00049	1.44249	1.24718E-05	5.0698E-04
610364.43	4206421.03	2890.33887	0.00051	1.44336	1.24793E-05	5.2002E-04
610371.43	4206421.03	2967.43886	0.00052	1.44396	1.24845E-05	5.3356E-04
610378.43	4206421.03	3047.66075	0.00054	1.44433	1.24877E-05	5.4765E-04
610385.43	4206421.03	3131.15913	0.00055	1.44448	1.24890E-05	5.6231E-04
610392.43	4206421.03	3218.01706	0.00057	1.44445	1.24887E-05	5.7757E-04
610399.43	4206421.03	3308.53304	0.00058	1.44425	1.24870E-05	5.9346E-04
610406.43	4206421.03	3402.76346	0.00060	1.44393	1.24842E-05	6.1000E-04
610413.43	4206421.03	3500.8772	0.00061	1.44348	1.24803E-05	6.2723E-04
610420.43	4206421.03	3603.2098	0.00063	1.44294	1.24757E-05	6.4519E-04
610427.43	4206421.03	3709.80015	0.00065	1.44230	1.24701E-05	6.6390E-04
610434.43	4206421.03	3820.99318	0.00067	1.44158	1.24639E-05	6.8342E-04
610441.43	4206421.03	3936.96279	0.00069	1.44077	1.24569E-05	7.0378E-04
610448.43	4206421.03	4057.90569	0.00071	1.43988	1.24492E-05	7.2501E-04
610455.43	4206421.03	4184.22303	0.00073	1.43889	1.24406E-05	7.4718E-04
610462.43	4206421.03	4316.04401	0.00076	1.43782	1.24314E-05	7.7032E-04
610469.43	4206421.03	4453.76878	0.00078	1.43664	1.24212E-05	7.9449E-04
610476.43	4206421.03	4597.71207	0.00081	1.43534	1.24099E-05	8.1976E-04
610497.43	4206421.03	5070.38501	0.00089	1.43062	1.23691E-05	9.0272E-04
610504.43	4206421.03	5243.05461	0.00092	1.42872	1.23527E-05	9.3302E-04
610511.43	4206421.03	5424.05739	0.00095	1.42661	1.23345E-05	9.6479E-04
610518.43	4206421.03	5613.99694	0.00099	1.42428	1.23143E-05	9.9812E-04
610525.43	4206421.03	5813.64698	0.00102	1.42169	1.22919E-05	1.0332E-03
610532.43	4206421.03	6023.66498	0.00106	1.41882	1.22671E-05	1.0700E-03
610539.43	4206421.03	6245.11261	0.00110	1.41562	1.22394E-05	1.1089E-03
610546.43	4206421.03	6478.98952	0.00114	1.41208	1.22088E-05	1.1499E-03
610553.43	4206421.03	6726.73092	0.00118	1.40813	1.21747E-05	1.1934E-03
610560.43	4206421.03	6991.66405	0.00123	1.40388	1.21379E-05	1.2399E-03
610567.43	4206421.03	7274.77571	0.00128	1.39926	1.20980E-05	1.2895E-03
610574.43	4206421.03	7578.40317	0.00133	1.39423	1.20545E-05	1.3428E-03
610581.43	4206421.03	7905.59365	0.00139	1.38866	1.20063E-05	1.4002E-03
610588.43	4206421.03	8260.25116	0.00145	1.38260	1.19540E-05	1.4624E-03
610595.43	4206421.03	8646.36221	0.00152	1.37595	1.18965E-05	1.5302E-03
610602.43	4206421.03	9068.55614	0.00159	1.36875	1.18342E-05	1.6043E-03
610609.43	4206421.03	9530.02659	0.00167	1.36085	1.17659E-05	1.6852E-03

610616.43	4206421.03	10035.03571	0.00176	1.35217	1.16909E-05	1.7738E-03
610623.43	4206421.03	10587.65231	0.00186	1.34280	1.16098E-05	1.8708E-03
610630.43	4206421.03	11189.30631	0.00196	1.33240	1.15199E-05	1.9763E-03
610637.43	4206421.03	11841.76379	0.00208	1.32095	1.14209E-05	2.0908E-03
610644.43	4206421.03	12551.1071	0.00220	1.30838	1.13122E-05	2.2153E-03
610651.43	4206421.03	13318.67594	0.00234	1.29449	1.11922E-05	2.3499E-03
610658.43	4206421.03	14151.51815	0.00248	1.27929	1.10607E-05	2.4960E-03
610665.43	4206421.03	15059.44371	0.00264	1.26267	1.09170E-05	2.6553E-03
610672.43	4206421.03	16044.78253	0.00282	1.24454	1.07603E-05	2.8282E-03
610679.43	4206421.03	17116.41868	0.00301	1.22477	1.05894E-05	3.0162E-03
610686.43	4206421.03	18283.66912	0.00321	1.20325	1.04033E-05	3.2210E-03
610693.43	4206421.03	19539.1254	0.00343	1.17985	1.02010E-05	3.4412E-03
610700.43	4206421.03	20884.45626	0.00367	1.15440	9.98094E-06	3.6772E-03
610707.43	4206421.03	22351.06992	0.00392	1.12681	9.74239E-06	3.9345E-03
610714.43	4206421.03	23901.1016	0.00420	1.09715	9.48595E-06	4.2065E-03
610721.43	4206421.03	25531.5351	0.00448	1.06556	9.21283E-06	4.4925E-03
610735.43	4206421.03	28935.4875	0.00508	0.99781	8.62706E-06	5.0896E-03
610742.43	4206421.03	30672.59919	0.00539	0.96238	8.32073E-06	5.3944E-03
610749.43	4206421.03	32426.84528	0.00569	0.92643	8.00991E-06	5.7021E-03
610756.43	4206421.03	34154.3882	0.00600	0.89035	7.69796E-06	6.0051E-03
610763.43	4206421.03	35866.09389	0.00630	0.85448	7.38783E-06	6.3054E-03
610770.43	4206421.03	37499.37146	0.00658	0.81911	7.08202E-06	6.5919E-03
610777.43	4206421.03	38941.21216	0.00684	0.78449	6.78270E-06	6.8448E-03
610784.43	4206421.03	40299.23393	0.00708	0.75080	6.49141E-06	7.0829E-03
610791.43	4206421.03	41558.5693	0.00730	0.71820	6.20955E-06	7.3038E-03
610798.43	4206421.03	42706.02696	0.00750	0.68677	5.93781E-06	7.5050E-03
610805.43	4206421.03	43729.2833	0.00768	0.65659	5.67687E-06	7.6844E-03
610812.43	4206421.03	44613.4078	0.00783	0.62769	5.42700E-06	7.8394E-03
610833.43	4206421.03	46416.4981	0.00815	0.54871	4.74414E-06	8.1554E-03
610840.43	4206421.03	46738.05154	0.00821	0.52490	4.53828E-06	8.2116E-03
610847.43	4206421.03	46927.52153	0.00824	0.50228	4.34271E-06	8.2447E-03
610854.43	4206421.03	46999.96915	0.00825	0.48086	4.15751E-06	8.2572E-03
610861.43	4206421.03	46959.37166	0.00825	0.46054	3.98183E-06	8.2499E-03
610868.43	4206421.03	46815.32963	0.00822	0.44128	3.81530E-06	8.2245E-03
610875.43	4206421.03	46578.35737	0.00818	0.42301	3.65734E-06	8.1827E-03
610882.43	4206421.03	46258.64281	0.00812	0.40570	3.50768E-06	8.1264E-03
610889.43	4206421.03	45866.35306	0.00805	0.38930	3.36589E-06	8.0574E-03
610896.43	4206421.03	45410.4967	0.00797	0.37374	3.23135E-06	7.9772E-03
610903.43	4206421.03	44899.90166	0.00788	0.35900	3.10391E-06	7.8874E-03
610910.43	4206421.03	44342.25046	0.00779	0.34501	2.98295E-06	7.7894E-03
610917.43	4206421.03	43745.1065	0.00768	0.33175	2.86831E-06	7.6844E-03
610924.43	4206421.03	43114.45976	0.00757	0.31916	2.75946E-06	7.5736E-03
610931.43	4206421.03	42456.35097	0.00746	0.30721	2.65614E-06	7.4579E-03
610938.43	4206421.03	41775.89273	0.00734	0.29586	2.55800E-06	7.3383E-03
610945.43	4206421.03	41077.62313	0.00721	0.28508	2.46480E-06	7.2156E-03
610952.43	4206421.03	40365.44665	0.00709	0.27483	2.37618E-06	7.0905E-03
610959.43	4206421.03	39643.14004	0.00696	0.26508	2.29188E-06	6.9635E-03
610966.43	4206421.03	38913.65239	0.00683	0.25581	2.21173E-06	6.8354E-03
610973.43	4206421.03	38179.7598	0.00670	0.24698	2.13539E-06	6.7064E-03
610980.43	4206421.03	37443.89174	0.00658	0.23857	2.06268E-06	6.5771E-03
611001.43	4206421.03	35244.11051	0.00619	0.21563	1.86434E-06	6.1907E-03
611008.43	4206421.03	34518.72805	0.00606	0.20867	1.80416E-06	6.0632E-03
611015.43	4206421.03	33799.5107	0.00594	0.20202	1.74666E-06	5.9369E-03
611022.43	4206421.03	33087.44386	0.00581	0.19568	1.69185E-06	5.8118E-03
611029.43	4206421.03	32383.37495	0.00569	0.18961	1.63937E-06	5.6881E-03
611036.43	4206421.03	31688.1633	0.00556	0.18380	1.58913E-06	5.5660E-03
611043.43	4206421.03	31002.39737	0.00544	0.17825	1.54115E-06	5.4455E-03
611050.43	4206421.03	30326.61793	0.00533	0.17293	1.49515E-06	5.3268E-03
611057.43	4206421.03	29661.25417	0.00521	0.16783	1.45106E-06	5.2099E-03
611064.43	4206421.03	29006.77864	0.00509	0.16295	1.40886E-06	5.0949E-03
611078.43	4206421.03	27731.45673	0.00487	0.15378	1.32958E-06	4.8709E-03
611085.43	4206421.03	27111.0482	0.00476	0.14947	1.29232E-06	4.7619E-03
611092.43	4206421.03	26502.36346	0.00465	0.14533	1.25652E-06	4.6550E-03
610294.43	4206428.03	2211.87645	0.00039	1.32297	1.14384E-05	3.9984E-04
610301.43	4206428.03	2261.22041	0.00040	1.32511	1.14569E-05	4.0852E-04
610308.43	4206428.03	2312.52872	0.00041	1.32714	1.14744E-05	4.1755E-04
610315.43	4206428.03	2365.54625	0.00042	1.32919	1.14922E-05	4.2688E-04
610322.43	4206428.03	2420.4669	0.00043	1.33123	1.15098E-05	4.3654E-04
610329.43	4206428.03	2477.6323	0.00044	1.33321	1.15269E-05	4.4659E-04
610336.43	4206428.03	2536.91256	0.00045	1.33522	1.15443E-05	4.5702E-04
610343.43	4206428.03	2600.20303	0.00046	1.33695	1.15593E-05	4.6815E-04
610350.43	4206428.03	2665.88835	0.00047	1.33844	1.15721E-05	4.7970E-04
610357.43	4206428.03	2734.15087	0.00048	1.33968	1.15829E-05	4.9169E-04
610364.43	4206428.03	2805.03051	0.00049	1.34067	1.15914E-05	5.0415E-04
610371.43	4206428.03	2878.726	0.00051	1.34141	1.15978E-05	5.1710E-04
610378.43	4206428.03	2955.3108	0.00052	1.34193	1.16023E-05	5.3055E-04
610385.43	4206428.03	3034.90337	0.00053	1.34223	1.16049E-05	5.4453E-04
610392.43	4206428.03	3117.74938	0.00055	1.34234	1.16059E-05	5.5908E-04
610399.43	4206428.03	3203.88273	0.00056	1.34228	1.16053E-05	5.7420E-04
610406.43	4206428.03	3293.50543	0.00058	1.34207	1.16035E-05	5.8994E-04
610413.43	4206428.03	3386.80228	0.00059	1.34172	1.16005E-05	6.0632E-04
610420.43	4206428.03	3483.92327	0.00061	1.34126	1.15965E-05	6.2337E-04
610427.43	4206428.03	3585.00848	0.00063	1.34069	1.15916E-05	6.4111E-04
610434.43	4206428.03	3690.33829	0.00065	1.34001	1.15857E-05	6.5960E-04
610441.43	4206428.03	3800.06225	0.00067	1.33924	1.15791E-05	6.7886E-04
610448.43	4206428.03	3914.37083	0.00069	1.33837	1.15715E-05	6.9893E-04
610455.43	4206428.03	4033.5624	0.00071	1.33740	1.15632E-05	7.1985E-04
610462.43	4206428.03	4157.82602	0.00073	1.33633	1.15539E-05	7.4166E-04
610469.43	4206428.03	4287.46148	0.00075	1.33515	1.15437E-05	7.6441E-04
610476.43	4206428.03	4422.68637	0.00078	1.33386	1.15325E-05	7.8815E-04
610497.43	4206428.03	4865.58142	0.00085	1.32916	1.14919E-05	8.6588E-04
610504.43	4206428.03	5026.81163	0.00088	1.32728	1.14757E-05	8.9417E-04
610511.43	4206428.03	5195.54711	0.00091	1.32520	1.14577E-05	9.2378E-04
610518.43	4206428.03	5372.30124	0.00094	1.32292	1.14380E-05	9.5480E-04
610525.43	4206428.03	5557.71846	0.00098	1.32041	1.14163E-05	9.8734E-04
610532.43	4206428.03	5752.52581	0.00101	1.31763	1.13922E-05	1.0215E-03
610539.43	4206428.03	5957.45466	0.00105	1.31458	1.13659E-05	1.0575E-03
610546.43	4206428.03	6173.74534	0.00108	1.31120	1.13366E-05	1.0954E-03
610553.43	4206428.03	6402.49795	0.00112	1.30748	1.13045E-05	1.1356E-03
610560.43	4206428.03	6646.4077	0.00117	1.30344	1.12695E-05	1.1784E-03
610567.43	4206428.03	6907.13402	0.00121	1.29908	1.12318E-05	1.2241E-03
610574.43	4206428.03	7186.02004	0.00126	1.29433	1.11908E-05	1.2730E-03
610581.43	4206428.03	7486.3225	0.00131	1.28915	1.11460E-05	1.3257E-03
610588.43	4206428.03	7811.53188	0.00137	1.28355	1.10976E-05	1.3828E-03
610595.43	4206428.03	8164.26229	0.00143	1.27745	1.10448E-05	1.4447E-03
610602.43	4206428.03	8548.92683	0.00150	1.27084	1.09877E-05	1.5122E-03
610609.43	4206428.03	8967.6261	0.00157	1.26364	1.09254E-05	1.5856E-03
610616.43	4206428.03	9424.8182	0.00165	1.25591	1.08586E-05	1.6658E-03
610623.43	4206428.03	9922.14097	0.00174	1.24744	1.07854E-05	1.7531E-03
610630.43	4206428.03	10460.96716	0.00184	1.23820	1.07055E-05	1.8476E-03
610637.43	4206428.03	11044.99374	0.00194	1.22817	1.06188E-05	1.9501E-03
610644.43	4206428.03	11677.18002	0.00205	1.21727	1.05245E-05	2.0610E-03
610651.43	4206428.03	12358.21355	0.00217	1.20524	1.04205E-05	2.1805E-03
610658.43	4206428.03	13093.55996	0.00230	1.19210	1.03069E-05	2.3095E-03
610665.43	4206428.03	13888.67277	0.00244	1.17782	1.01834E-05	2.4490E-03
610672.43	4206428.03	14749.50933	0.00259	1.16227	1.00490E-05	2.6000E-03
610679.43	4206428.03	15682.15728	0.00275	1.14540	9.90312E-06	2.7637E-03
610686.43	4206428.03	16691.15126	0.00293	1.12711	9.74499E-06	2.9407E-03
610693.43	4206428.03	17778.92297	0.00312	1.10731	9.57380E-06	3.1315E-03
610700.43	4206428.03	18945.35513	0.00333	1.08590	9.38869E-06	3.3362E-03
610707.43	4206428.03	20213.15279	0.00355	1.06276	9.18862E-06	3.5586E-03
610714.43	4206428.03	21557.01114	0.00379	1.03789	8.97359E-06	3.7943E-03
610721.43	4206428.03	22976.19599	0.00403	1.01137	8.74430E-06	4.0433E-03
610735.43	4206428.03	25964.04691	0.00456	0.95403	8.24854E-06	4.5675E-03
610742.43	4206428.03	27504.00461	0.00483	0.92372	7.98648E-06	4.8376E-03
610749.43	4206428.03	29070.90158	0.00510	0.89269	7.71819E-06	5.1125E-03
610756.43	4206428.03	30639.76782	0.00538	0.86126	7.44645E-06	5.3877E-03
610763.43	4206428.03	32182.06837	0.00565	0.82972	7.17376E-06	5.6583E-03
610770.43	4206428.03	33681.10989	0.00591	0.79832	6.90227E-06	5.9212E-03
610777.43	4206428.03	35019.60051	0.00615	0.76731	6.63416E-06	6.1560E-03
610784.43	4206428.03	36296.37588	0.00637	0.73686	6.37089E-06	6.3799E-03
610791.43	4206428.03	37498.99044	0.00658	0.70714	6.11393E-06	6.5909E-03
610798.43	4206428.03	38615.33618	0.00678	0.67827	5.86432E-06	6.7866E-03
610805.43	4206428.03	39633.84402	0.00696	0.65032	5.62266E-06	6.9652E-03
610812.43	4206428.03	40540.58457	0.00712	0.62339	5.38983E-06	7.1242E-03
610833.43	4206428.03	42554.68462	0.00747	0.54885	4.74535E-06	7.4773E-03
610840.43	4206428.03	42985.0619	0.00755	0.52611	4.54874E-06	7.5526E-03
610847.43	4206428.03	43297.38266	0.00760	0.50441	4.36113E-06	7.6073E-03
610854.43	4206428.03	43502.38389	0.00764	0.48376	4.18259E-06	7.6431E-03
610861.43	4206428.03	43601.89573	0.00766	0.46409	4.01252E-06	7.6604E-03
610868.43	4206428.03	43602.89993	0.00766	0.44536	3.85058E-06	7.6604E-03
610875.43	4206428.03	43513.19159	0.00764	0.42753	3.69642E-06	7.6445E-03
610882.43	4206428.03	43341.21541	0.00761	0.41058	3.54987E-06	7.6142E-03
610889.43	4206428.03	43095.07977	0.00757	0.39446	3.41050E-06	7.5708E-03
610896.43	4206428.03	42783.0291	0.00751	0.37912	3.27787E-06	7.5159E-03
610903.43	4206428.03	42412.6587	0.00745	0.36454	3.15181E-06	7.4507E-03
610910.43	4206428.03	41991.19033	0.00737	0.35068	3.03198E-06	7.3766E-03
610917.43	4206428.03	41525.10655	0.00729	0.33750	2.91802E-06	7.2946E-03
610924.43	4206428.03	41020.52115	0.00720	0.32496	2.80960E-06	7.2059E-03

610931.43	4206428.03	40483.23966	0.00711	0.31303	2.70646E-06	7.1115E-03
610938.43	4206428.03	39917.95074	0.00701	0.30168	2.60832E-06	7.0121E-03
610945.43	4206428.03	39329.46208	0.00691	0.29087	2.51486E-06	6.9087E-03
610952.43	4206428.03	38721.81039	0.00680	0.28058	2.42589E-06	6.8019E-03
610959.43	4206428.03	38098.58754	0.00669	0.27077	2.34108E-06	6.6924E-03
610966.43	4206428.03	37463.17051	0.00658	0.26143	2.26032E-06	6.5807E-03
610973.43	4206428.03	36818.32936	0.00647	0.25252	2.18329E-06	6.4674E-03
610980.43	4206428.03	36166.85156	0.00635	0.24403	2.10988E-06	6.3529E-03
611001.43	4206428.03	34193.29887	0.00600	0.22079	1.90895E-06	6.0062E-03
611008.43	4206428.03	33535.23353	0.00589	0.21373	1.84791E-06	5.8906E-03
611015.43	4206428.03	32879.44478	0.00577	0.20698	1.78955E-06	5.7753E-03
611022.43	4206428.03	32227.32772	0.00566	0.20052	1.73369E-06	5.6608E-03
611029.43	4206428.03	31579.9173	0.00555	0.19435	1.68035E-06	5.5470E-03
611036.43	4206428.03	30937.99607	0.00543	0.18844	1.62925E-06	5.4343E-03
611043.43	4206428.03	30302.53488	0.00532	0.18277	1.58023E-06	5.3226E-03
611050.43	4206428.03	29674.25339	0.00521	0.17735	1.53337E-06	5.2123E-03
611057.43	4206428.03	29053.62899	0.00510	0.17215	1.48841E-06	5.1032E-03
611062.74	4206428.14	28579.22703	0.00502	0.16841	1.45607E-06	5.0199E-03
611078.43	4206428.03	27243.35815	0.00478	0.15779	1.36425E-06	4.7852E-03
611085.43	4206428.03	26658.25357	0.00468	0.15338	1.32612E-06	4.6825E-03
611092.43	4206428.03	26082.88809	0.00458	0.14914	1.28946E-06	4.5814E-03
610294.43	4206435.03	2154.43287	0.00038	1.23243	1.06556E-05	3.8897E-04
610301.43	4206435.03	2201.90033	0.00039	1.23447	1.06732E-05	3.9732E-04
610308.43	4206435.03	2251.06559	0.00040	1.23640	1.06899E-05	4.0597E-04
610315.43	4206435.03	2302.1513	0.00040	1.23832	1.07065E-05	4.1496E-04
610322.43	4206435.03	2354.92376	0.00041	1.24020	1.07228E-05	4.2424E-04
610329.43	4206435.03	2409.78845	0.00042	1.24205	1.07388E-05	4.3389E-04
610336.43	4206435.03	2466.66132	0.00043	1.24390	1.07548E-05	4.4390E-04
610343.43	4206435.03	2527.32299	0.00044	1.24564	1.07698E-05	4.5456E-04
610350.43	4206435.03	2590.31315	0.00045	1.24717	1.07830E-05	4.6564E-04
610357.43	4206435.03	2655.65259	0.00047	1.24847	1.07943E-05	4.7712E-04
610364.43	4206435.03	2723.50959	0.00048	1.24956	1.08037E-05	4.8905E-04
610371.43	4206435.03	2793.94901	0.00049	1.25042	1.08111E-05	5.0142E-04
610378.43	4206435.03	2867.13448	0.00050	1.25106	1.08167E-05	5.1428E-04
610385.43	4206435.03	2943.18348	0.00052	1.25150	1.08205E-05	5.2764E-04
610392.43	4206435.03	3022.16825	0.00053	1.25174	1.08225E-05	5.4151E-04
610399.43	4206435.03	3104.26346	0.00055	1.25182	1.08232E-05	5.5593E-04
610406.43	4206435.03	3189.6429	0.00056	1.25173	1.08225E-05	5.7092E-04
610413.43	4206435.03	3278.39757	0.00058	1.25150	1.08205E-05	5.8650E-04
610420.43	4206435.03	3370.6398	0.00059	1.25114	1.08174E-05	6.0269E-04
610427.43	4206435.03	3466.7003	0.00061	1.25066	1.08132E-05	6.1956E-04
610434.43	4206435.03	3566.53925	0.00063	1.25006	1.08080E-05	6.3708E-04
610441.43	4206435.03	3670.47869	0.00064	1.24935	1.08019E-05	6.5533E-04
610448.43	4206435.03	3778.65572	0.00066	1.24854	1.07949E-05	6.7432E-04
610455.43	4206435.03	3891.27551	0.00068	1.24762	1.07869E-05	6.9409E-04
610462.43	4206435.03	4008.5762	0.00070	1.24659	1.07780E-05	7.1468E-04
610469.43	4206435.03	4130.65712	0.00073	1.24545	1.07682E-05	7.3610E-04
610476.43	4206435.03	4258.02194	0.00075	1.24419	1.07573E-05	7.5846E-04
610497.43	4206435.03	4673.44821	0.00082	1.23961	1.07177E-05	8.3136E-04
610504.43	4206435.03	4824.19766	0.00085	1.23778	1.07018E-05	8.5782E-04
610511.43	4206435.03	4981.69062	0.00087	1.23577	1.06845E-05	8.8546E-04
610518.43	4206435.03	5146.42669	0.00090	1.23357	1.06654E-05	9.1437E-04
610525.43	4206435.03	5318.94885	0.00093	1.23116	1.06446E-05	9.4464E-04
610532.43	4206435.03	5499.89368	0.00097	1.22851	1.06217E-05	9.7639E-04
610539.43	4206435.03	5690.04096	0.00100	1.22560	1.05965E-05	1.0098E-03
610546.43	4206435.03	5890.36654	0.00103	1.22241	1.05690E-05	1.0449E-03
610553.43	4206435.03	6102.02591	0.00107	1.21891	1.05387E-05	1.0820E-03
610560.43	4206435.03	6327.4893	0.00111	1.21511	1.05058E-05	1.1216E-03
610567.43	4206435.03	6567.66719	0.00115	1.21099	1.04702E-05	1.1637E-03
610574.43	4206435.03	6824.9301	0.00120	1.20656	1.04319E-05	1.2089E-03
610581.43	4206435.03	7101.53504	0.00125	1.20178	1.03906E-05	1.2574E-03
610588.43	4206435.03	7400.28095	0.00130	1.19658	1.03456E-05	1.3098E-03
610595.43	4206435.03	7723.57709	0.00136	1.19095	1.02969E-05	1.3665E-03
610602.43	4206435.03	8075.08497	0.00142	1.18492	1.02448E-05	1.4282E-03
610609.43	4206435.03	8456.96855	0.00149	1.17839	1.01884E-05	1.4952E-03
610616.43	4206435.03	8871.85753	0.00156	1.17134	1.01274E-05	1.5680E-03
610623.43	4206435.03	9321.4254	0.00164	1.16375	1.00618E-05	1.6469E-03
610630.43	4206435.03	9807.3779	0.00172	1.15550	9.99045E-06	1.7321E-03
610637.43	4206435.03	10333.04251	0.00181	1.14665	9.91393E-06	1.8244E-03
610644.43	4206435.03	10898.91073	0.00191	1.13705	9.83093E-06	1.9237E-03
610651.43	4206435.03	11507.1392	0.00202	1.12659	9.74049E-06	2.0304E-03
610658.43	4206435.03	12159.18014	0.00214	1.11514	9.64149E-06	2.1448E-03
610665.43	4206435.03	12862.63674	0.00226	1.10275	9.53437E-06	2.2682E-03
610672.43	4206435.03	13620.92717	0.00239	1.08934	9.41843E-06	2.4012E-03
610679.43	4206435.03	14439.12012	0.00254	1.07483	9.29297E-06	2.5448E-03
610686.43	4206435.03	15321.47233	0.00269	1.05912	9.15715E-06	2.6996E-03
610693.43	4206435.03	16266.97759	0.00286	1.04221	9.01094E-06	2.8655E-03
610700.43	4206435.03	17284.31014	0.00304	1.02400	8.85350E-06	3.0439E-03
610707.43	4206435.03	18385.77333	0.00323	1.00438	8.68386E-06	3.2372E-03
610714.43	4206435.03	19555.09277	0.00343	0.98334	8.50195E-06	3.4423E-03
610721.43	4206435.03	20793.91256	0.00365	0.96089	8.30785E-06	3.6597E-03
610735.43	4206435.03	23419.4362	0.00411	0.91211	7.88610E-06	4.1203E-03
610742.43	4206435.03	24794.22921	0.00435	0.88611	7.66130E-06	4.3615E-03
610749.43	4206435.03	26182.05737	0.00460	0.85931	7.42959E-06	4.6049E-03
610756.43	4206435.03	27592.17396	0.00485	0.83193	7.19286E-06	4.8523E-03
610763.43	4206435.03	28989.38125	0.00509	0.80424	6.95346E-06	5.0974E-03
610770.43	4206435.03	30359.38226	0.00533	0.77643	6.71301E-06	5.3378E-03
610777.43	4206435.03	31594.84156	0.00555	0.74874	6.47360E-06	5.5545E-03
610784.43	4206435.03	32786.43419	0.00576	0.72132	6.23653E-06	5.7635E-03
610791.43	4206435.03	33922.70693	0.00596	0.69435	6.00335E-06	5.9628E-03
610798.43	4206435.03	34993.49112	0.00614	0.66795	5.77509E-06	6.1506E-03
610805.43	4206435.03	35988.43093	0.00632	0.64222	5.55263E-06	6.3250E-03
610812.43	4206435.03	36894.35435	0.00648	0.61725	5.33674E-06	6.4839E-03
610833.43	4206435.03	39031.49617	0.00685	0.54728	4.73178E-06	6.8586E-03
610840.43	4206435.03	39538.10245	0.00694	0.52570	4.54520E-06	6.9473E-03
610847.43	4206435.03	39942.01	0.00701	0.50500	4.36623E-06	7.0181E-03
610854.43	4206435.03	40249.10423	0.00707	0.48520	4.19504E-06	7.0718E-03
610861.43	4206435.03	40459.52589	0.00710	0.46626	4.03128E-06	7.1086E-03
610868.43	4206435.03	40577.80021	0.00713	0.44815	3.87470E-06	7.1292E-03
610875.43	4206435.03	40610.10335	0.00713	0.43085	3.72513E-06	7.1348E-03
610882.43	4206435.03	40562.49835	0.00712	0.41433	3.58230E-06	7.1263E-03
610889.43	4206435.03	40441.6535	0.00710	0.39857	3.44603E-06	7.1049E-03
610896.43	4206435.03	40254.55494	0.00707	0.38354	3.31608E-06	7.0719E-03
610903.43	4206435.03	40007.52961	0.00703	0.36920	3.19210E-06	7.0284E-03
610910.43	4206435.03	39706.87192	0.00697	0.35552	3.07382E-06	6.9755E-03
610917.43	4206435.03	39358.57338	0.00691	0.34248	2.96108E-06	6.9142E-03
610924.43	4206435.03	38968.46895	0.00684	0.33005	2.85361E-06	6.8456E-03
610931.43	4206435.03	38541.46028	0.00677	0.31820	2.75116E-06	6.7705E-03
610938.43	4206435.03	38082.5245	0.00669	0.30689	2.65337E-06	6.6899E-03
610945.43	4206435.03	37596.0294	0.00660	0.29610	2.56008E-06	6.6043E-03
610952.43	4206435.03	37086.01787	0.00651	0.28581	2.47111E-06	6.5147E-03
610959.43	4206435.03	36556.08413	0.00642	0.27600	2.38629E-06	6.4216E-03
610966.43	4206435.03	36009.60172	0.00632	0.26662	2.30520E-06	6.3255E-03
610973.43	4206435.03	35449.49271	0.00622	0.25767	2.22781E-06	6.2271E-03
610980.43	4206435.03	34878.61643	0.00612	0.24912	2.15389E-06	6.1268E-03
611001.43	4206435.03	33123.32078	0.00582	0.22568	1.95123E-06	5.8183E-03
611008.43	4206435.03	32530.65488	0.00571	0.21854	1.88950E-06	5.7142E-03
611015.43	4206435.03	31936.92569	0.00561	0.21170	1.83036E-06	5.6099E-03
611022.43	4206435.03	31343.41012	0.00550	0.20516	1.77381E-06	5.5056E-03
611029.43	4206435.03	30751.52247	0.00540	0.19889	1.71960E-06	5.4016E-03
611036.43	4206435.03	30162.20108	0.00530	0.19289	1.66773E-06	5.2981E-03
611043.43	4206435.03	29576.57177	0.00519	0.18714	1.61801E-06	5.1952E-03
611050.43	4206435.03	28995.18473	0.00509	0.18162	1.57029E-06	5.0931E-03
611057.43	4206435.03	28419.26101	0.00499	0.17633	1.52455E-06	4.9919E-03
611062.74	4206435.14	27976.36826	0.00491	0.17252	1.49161E-06	4.9141E-03
611078.43	4206435.03	26728.21131	0.00469	0.16169	1.39797E-06	4.6948E-03
611085.43	4206435.03	26178.61488	0.00460	0.15719	1.35906E-06	4.5983E-03
611092.43	4206435.03	25636.73975	0.00450	0.15286	1.32163E-06	4.5031E-03
610294.43	4206442.03	2098.97479	0.00037	1.15142	9.95517E-06	3.7853E-04
610301.43	4206442.03	2144.84039	0.00038	1.15338	9.97212E-06	3.8660E-04
610308.43	4206442.03	2192.14921	0.00038	1.15524	9.98820E-06	3.9492E-04
610315.43	4206442.03	2241.25345	0.00039	1.15708	1.00041E-05	4.0356E-04
610322.43	4206442.03	2291.9835	0.00040	1.15886	1.00195E-05	4.1249E-04
610329.43	4206442.03	2344.68723	0.00041	1.16061	1.00346E-05	4.2176E-04
610336.43	4206442.03	2399.33554	0.00042	1.16235	1.00497E-05	4.3137E-04
610343.43	4206442.03	2457.56894	0.00043	1.16409	1.00647E-05	4.4161E-04
610350.43	4206442.03	2517.94153	0.00044	1.16565	1.00782E-05	4.5222E-04
610357.43	4206442.03	2580.58435	0.00045	1.16701	1.00900E-05	4.6323E-04
610364.43	4206442.03	2645.58213	0.00046	1.16817	1.01000E-05	4.7466E-04
610371.43	4206442.03	2713.01686	0.00048	1.16913	1.01083E-05	4.8651E-04
610378.43	4206442.03	2783.02712	0.00049	1.16988	1.01148E-05	4.9881E-04
610385.43	4206442.03	2855.69542	0.00050	1.17044	1.01196E-05	5.1157E-04
610392.43	4206442.03	2931.1042	0.00051	1.17082	1.01229E-05	5.2482E-04
610399.43	4206442.03	3009.484	0.00053	1.17102	1.01246E-05	5.3858E-04
610406.43	4206442.03	3090.82859	0.00054	1.17106	1.01250E-05	5.5287E-04
610413.43	4206442.03	3175.31786	0.00056	1.17095	1.01240E-05	5.6770E-04
610420.43	4206442.03	3263.18728	0.00057	1.17070	1.01219E-05	5.8313E-04
610427.43	4206442.03	3354.385	0.00059	1.17032	1.01186E-05	5.9914E-04
610434.43	4206442.03	3449.23365	0.00061	1.16982	1.01143E-05	6.1579E-04

610441.43	4206442.03	3547.79099	0.00062	1.16920	1.01089E-05	6.3309E-04
610448.43	4206442.03	3650.26007	0.00064	1.16846	1.01025E-05	6.5108E-04
610455.43	4206442.03	3756.79384	0.00066	1.16762	1.00952E-05	6.6978E-04
610462.43	4206442.03	3867.57199	0.00068	1.16665	1.00869E-05	6.8922E-04
610469.43	4206442.03	3982.83733	0.00070	1.16558	1.00776E-05	7.0945E-04
610476.43	4206442.03	4102.74538	0.00072	1.16438	1.00672E-05	7.3050E-04
610497.43	4206442.03	4492.89882	0.00079	1.16000	1.00294E-05	7.9897E-04
610504.43	4206442.03	4633.96571	0.00081	1.15824	1.00141E-05	8.2373E-04
610511.43	4206442.03	4781.20119	0.00084	1.15632	9.99754E-06	8.4957E-04
610518.43	4206442.03	4934.90886	0.00087	1.15422	9.97938E-06	8.7654E-04
610525.43	4206442.03	5095.62727	0.00089	1.15192	9.95949E-06	9.0474E-04
610532.43	4206442.03	5264.02559	0.00092	1.14941	9.93779E-06	9.3429E-04
610539.43	4206442.03	5440.74745	0.00096	1.14666	9.91402E-06	9.6530E-04
610546.43	4206442.03	5626.68226	0.00099	1.14366	9.88808E-06	9.9792E-04
610553.43	4206442.03	5823.01219	0.00102	1.14038	9.85972E-06	1.0324E-03
610560.43	4206442.03	6031.58592	0.00106	1.13683	9.82903E-06	1.0690E-03
610567.43	4206442.03	6253.86958	0.00110	1.13297	9.79565E-06	1.1080E-03
610574.43	4206442.03	6491.5133	0.00114	1.12883	9.75986E-06	1.1497E-03
610581.43	4206442.03	6746.62699	0.00118	1.12438	9.72138E-06	1.1944E-03
610588.43	4206442.03	7021.72524	0.00123	1.11960	9.68006E-06	1.2427E-03
610595.43	4206442.03	7319.23205	0.00129	1.11443	9.63536E-06	1.2949E-03
610602.43	4206442.03	7641.36381	0.00134	1.10889	9.58746E-06	1.3514E-03
610609.43	4206442.03	7990.35158	0.00140	1.10294	9.53601E-06	1.4126E-03
610616.43	4206442.03	8368.12589	0.00147	1.09655	9.48077E-06	1.4789E-03
610623.43	4206442.03	8776.80687	0.00154	1.08968	9.42137E-06	1.5506E-03
610630.43	4206442.03	9217.06827	0.00162	1.08228	9.35739E-06	1.6279E-03
610637.43	4206442.03	9691.7447	0.00170	1.07442	9.28943E-06	1.7111E-03
610644.43	4206442.03	10201.72905	0.00179	1.06592	9.21594E-06	1.8006E-03
610651.43	4206442.03	10746.68743	0.00189	1.05669	9.13614E-06	1.8962E-03
610658.43	4206442.03	11331.63625	0.00199	1.04674	9.05011E-06	1.9989E-03
610665.43	4206442.03	11958.60686	0.00210	1.03595	8.95682E-06	2.1089E-03
610672.43	4206442.03	12629.42843	0.00222	1.02426	8.85575E-06	2.2266E-03
610679.43	4206442.03	13352.4144	0.00234	1.01167	8.74689E-06	2.3534E-03
610686.43	4206442.03	14126.43647	0.00248	0.99808	8.62939E-06	2.4892E-03
610693.43	4206442.03	14956.81417	0.00263	0.98350	8.50334E-06	2.6349E-03
610700.43	4206442.03	15849.43357	0.00278	0.96785	8.36803E-06	2.7915E-03
610707.43	4206442.03	16811.13995	0.00295	0.95107	8.22295E-06	2.9602E-03
610714.43	4206442.03	17832.86307	0.00313	0.93311	8.06766E-06	3.1395E-03
610721.43	4206442.03	18917.50181	0.00332	0.91395	7.90201E-06	3.3298E-03
610735.43	4206442.03	21228.44056	0.00373	0.87222	7.54121E-06	3.7352E-03
610742.43	4206442.03	22447.32047	0.00394	0.84984	7.34771E-06	3.9490E-03
610749.43	4206442.03	23684.77485	0.00416	0.82664	7.14713E-06	4.1661E-03
610756.43	4206442.03	24950.38522	0.00438	0.80279	6.94092E-06	4.3882E-03
610763.43	4206442.03	26213.4202	0.00460	0.77848	6.73073E-06	4.6097E-03
610770.43	4206442.03	27461.4828	0.00482	0.75390	6.51822E-06	4.8287E-03
610777.43	4206442.03	28596.71063	0.00502	0.72922	6.30483E-06	5.0278E-03
610784.43	4206442.03	29701.77852	0.00522	0.70462	6.09214E-06	5.2217E-03
610791.43	4206442.03	30767.1175	0.00540	0.68022	5.88118E-06	5.4085E-03
610798.43	4206442.03	31783.57843	0.00558	0.65618	5.67333E-06	5.5868E-03
610805.43	4206442.03	32741.97008	0.00575	0.63259	5.46937E-06	5.7549E-03
610812.43	4206442.03	33630.48656	0.00591	0.60953	5.26999E-06	5.9107E-03
610833.43	4206442.03	35823.28084	0.00629	0.54418	4.70498E-06	6.2952E-03
610840.43	4206442.03	36381.34364	0.00639	0.52380	4.52877E-06	6.3930E-03
610847.43	4206442.03	36850.09322	0.00647	0.50415	4.35888E-06	6.4752E-03
610854.43	4206442.03	37233.2334	0.00654	0.48527	4.19564E-06	6.5423E-03
610861.43	4206442.03	37529.39719	0.00659	0.46713	4.03880E-06	6.5941E-03
610868.43	4206442.03	37741.11922	0.00663	0.44971	3.88819E-06	6.6311E-03
610875.43	4206442.03	37872.45486	0.00665	0.43301	3.74380E-06	6.6541E-03
610882.43	4206442.03	37928.18104	0.00666	0.41700	3.60538E-06	6.6637E-03
610889.43	4206442.03	37913.32934	0.00666	0.40167	3.47284E-06	6.6610E-03
610896.43	4206442.03	37833.07874	0.00664	0.38699	3.34591E-06	6.6468E-03
610903.43	4206442.03	37693.20644	0.00662	0.37296	3.22461E-06	6.6221E-03
610910.43	4206442.03	37498.94253	0.00658	0.35953	3.10849E-06	6.5878E-03
610917.43	4206442.03	37255.54746	0.00654	0.34670	2.99757E-06	6.5450E-03
610924.43	4206442.03	36967.93707	0.00649	0.33443	2.89148E-06	6.4944E-03
610931.43	4206442.03	36641.02896	0.00643	0.32270	2.79006E-06	6.4369E-03
610938.43	4206442.03	36279.13075	0.00637	0.31149	2.69314E-06	6.3732E-03
610945.43	4206442.03	35886.50971	0.00630	0.30077	2.60046E-06	6.3042E-03
610952.43	4206442.03	35466.95667	0.00623	0.29053	2.51192E-06	6.2304E-03
610959.43	4206442.03	35024.09691	0.00615	0.28073	2.42719E-06	6.1526E-03
610966.43	4206442.03	34561.02844	0.00607	0.27136	2.34618E-06	6.0712E-03
610973.43	4206442.03	34080.93826	0.00598	0.26241	2.26880E-06	5.9868E-03
610980.43	4206442.03	33586.50057	0.00590	0.25383	2.19461E-06	5.8999E-03
611001.43	4206442.03	32040.27155	0.00563	0.23027	1.99091E-06	5.6282E-03
611008.43	4206442.03	31510.68529	0.00553	0.22307	1.92866E-06	5.5351E-03
611015.43	4206442.03	30976.99098	0.00544	0.21617	1.86900E-06	5.4414E-03
611022.43	4206442.03	30440.64928	0.00535	0.20956	1.81185E-06	5.3471E-03
611029.43	4206442.03	29902.90225	0.00525	0.20322	1.75704E-06	5.2526E-03
611036.43	4206442.03	29365.1812	0.00516	0.19715	1.70456E-06	5.1582E-03
611043.43	4206442.03	28828.2501	0.00506	0.19132	1.65415E-06	5.0638E-03
611050.43	4206442.03	28293.44746	0.00497	0.18572	1.60573E-06	4.9699E-03
611057.43	4206442.03	27761.28666	0.00487	0.18035	1.55931E-06	4.8764E-03
611062.74	4206442.14	27349.95331	0.00480	0.17648	1.52585E-06	4.8041E-03
611078.43	4206442.03	26188.88916	0.00460	0.16547	1.43065E-06	4.6001E-03
611085.43	4206442.03	25674.73178	0.00451	0.16089	1.39105E-06	4.5098E-03
611092.43	4206442.03	25166.35849	0.00442	0.15649	1.35301E-06	4.4205E-03
610294.43	4206449.03	2045.8161	0.00036	1.07847	9.32445E-06	3.6857E-04
610301.43	4206449.03	2089.96546	0.00037	1.08040	9.34113E-06	3.7633E-04
610308.43	4206449.03	2135.51091	0.00037	1.08222	9.35687E-06	3.8435E-04
610315.43	4206449.03	2182.80668	0.00038	1.08401	9.37235E-06	3.9267E-04
610322.43	4206449.03	2231.58784	0.00039	1.08573	9.38722E-06	4.0125E-04
610329.43	4206449.03	2282.14085	0.00040	1.08740	9.40166E-06	4.1014E-04
610336.43	4206449.03	2334.79142	0.00041	1.08908	9.41618E-06	4.1940E-04
610343.43	4206449.03	2390.73393	0.00042	1.09083	9.43131E-06	4.2924E-04
610350.43	4206449.03	2448.71306	0.00043	1.09241	9.44497E-06	4.3943E-04
610357.43	4206449.03	2508.81393	0.00044	1.09382	9.45716E-06	4.5000E-04
610364.43	4206449.03	2571.12701	0.00045	1.09504	9.46771E-06	4.6095E-04
610371.43	4206449.03	2635.76439	0.00046	1.09608	9.47670E-06	4.7231E-04
610378.43	4206449.03	2702.74973	0.00047	1.09693	9.48405E-06	4.8408E-04
610385.43	4206449.03	2772.24332	0.00049	1.09760	9.48984E-06	4.9629E-04
610392.43	4206449.03	2844.41451	0.00050	1.09810	9.49417E-06	5.0897E-04
610399.43	4206449.03	2919.19712	0.00051	1.09842	9.49693E-06	5.2210E-04
610406.43	4206449.03	2996.83305	0.00053	1.09858	9.49832E-06	5.3574E-04
610413.43	4206449.03	3077.44152	0.00054	1.09859	9.49840E-06	5.4989E-04
610420.43	4206449.03	3161.03254	0.00056	1.09845	9.49719E-06	5.6457E-04
610427.43	4206449.03	3247.8843	0.00057	1.09818	9.49486E-06	5.7982E-04
610434.43	4206449.03	3337.98866	0.00059	1.09779	9.49149E-06	5.9563E-04
610441.43	4206449.03	3431.5507	0.00060	1.09726	9.48690E-06	6.1206E-04
610448.43	4206449.03	3528.67027	0.00062	1.09662	9.48137E-06	6.2911E-04
610455.43	4206449.03	3629.55083	0.00064	1.09586	9.47480E-06	6.4682E-04
610462.43	4206449.03	3734.32164	0.00066	1.09499	9.46728E-06	6.6521E-04
610469.43	4206449.03	3843.1781	0.00067	1.09399	9.45863E-06	6.8431E-04
610476.43	4206449.03	3956.195	0.00069	1.09288	9.44904E-06	7.0415E-04
610497.43	4206449.03	4322.96722	0.00076	1.08875	9.41333E-06	7.6852E-04
610504.43	4206449.03	4455.24339	0.00078	1.08709	9.39897E-06	7.9173E-04
610511.43	4206449.03	4592.9526	0.00081	1.08527	9.38324E-06	8.1590E-04
610518.43	4206449.03	4736.55076	0.00083	1.08328	9.36603E-06	8.4109E-04
610525.43	4206449.03	4886.46975	0.00086	1.08111	9.34727E-06	8.6740E-04
610532.43	4206449.03	5043.42293	0.00089	1.07874	9.32678E-06	8.9494E-04
610539.43	4206449.03	5207.89855	0.00091	1.07616	9.30447E-06	9.2380E-04
610546.43	4206449.03	5380.83392	0.00094	1.07335	9.28018E-06	9.5414E-04
610553.43	4206449.03	5563.27232	0.00098	1.07029	9.25372E-06	9.8615E-04
610560.43	4206449.03	5756.93363	0.00101	1.06698	9.22510E-06	1.0201E-03
610567.43	4206449.03	5962.887	0.00105	1.06339	9.19406E-06	1.0563E-03
610574.43	4206449.03	6182.81141	0.00109	1.05954	9.16078E-06	1.0948E-03
610581.43	4206449.03	6418.78788	0.00113	1.05541	9.12507E-06	1.1362E-03
610588.43	4206449.03	6673.10484	0.00117	1.05101	9.08703E-06	1.1809E-03
610595.43	4206449.03	6947.14073	0.00122	1.04627	9.04605E-06	1.2289E-03
610602.43	4206449.03	7243.19502	0.00127	1.04118	9.00204E-06	1.2809E-03
610609.43	4206449.03	7563.5923	0.00133	1.03576	8.95518E-06	1.3371E-03
610616.43	4206449.03	7908.74628	0.00139	1.02992	8.90468E-06	1.3977E-03
610623.43	4206449.03	8281.08366	0.00145	1.02370	8.85091E-06	1.4630E-03
610630.43	4206449.03	8680.8658	0.00152	1.01702	8.79315E-06	1.5331E-03
610637.43	4206449.03	9112.96712	0.00160	1.01001	8.73254E-06	1.6089E-03
610644.43	4206449.03	9574.04171	0.00168	1.00245	8.66718E-06	1.6898E-03
610651.43	4206449.03	10066.21522	0.00177	0.99428	8.59654E-06	1.7762E-03
610658.43	4206449.03	10592.56388	0.00186	0.98552	8.52080E-06	1.8686E-03
610665.43	4206449.03	11153.11709	0.00196	0.97603	8.43875E-06	1.9669E-03
610672.43	4206449.03	11752.04246	0.00206	0.96580	8.35030E-06	2.0720E-03
610679.43	4206449.03	12392.76398	0.00218	0.95480	8.25520E-06	2.1844E-03
610686.43	4206449.03	13081.44739	0.00230	0.94297	8.15291E-06	2.3052E-03
610693.43	4206449.03	13815.80563	0.00243	0.93028	8.04320E-06	2.4341E-03
610700.43	4206449.03	14600.2564	0.00256	0.91674	7.92613E-06	2.5717E-03
610707.43	4206449.03	15444.20889	0.00271	0.90225	7.80085E-06	2.7198E-03
610714.43	4206449.03	16345.7201	0.00287	0.88679	7.66718E-06	2.8779E-03
610721.43	4206449.03	17293.46203	0.00304	0.87033	7.52487E-06	3.0442E-03
610735.43	4206449.03	19331.77924	0.00339	0.83442	7.21439E-06	3.4018E-03
610742.43	4206449.03	20413.16459	0.00358	0.81508	7.04718E-06	3.5916E-03
610749.43	4206449.03	21516.62869	0.00378	0.79495	6.87313E-06	3.7851E-03

610756.43	4206449.03	22651.61086	0.00398	0.77414	6.69321E-06	3.9843E-03
610763.43	4206449.03	23801.73424	0.00418	0.75279	6.50862E-06	4.1860E-03
610770.43	4206449.03	24925.73135	0.00438	0.73108	6.32091E-06	4.3832E-03
610777.43	4206449.03	25965.29409	0.00456	0.70912	6.13105E-06	4.5656E-03
610784.43	4206449.03	26985.45881	0.00474	0.68709	5.94058E-06	4.7445E-03
610910.43	4206449.03	35374.84744	0.00621	0.36272	3.13608E-06	6.2149E-03
610917.43	4206449.03	35223.54103	0.00619	0.35014	3.02731E-06	6.1882E-03
610924.43	4206449.03	35027.21317	0.00615	0.33809	2.92312E-06	6.1536E-03
610931.43	4206449.03	34789.83417	0.00611	0.32653	2.82318E-06	6.1118E-03
610938.43	4206449.03	34515.91866	0.00606	0.31546	2.72747E-06	6.0636E-03
610945.43	4206449.03	34208.9041	0.00601	0.30486	2.63582E-06	6.0096E-03
610952.43	4206449.03	33872.61828	0.00595	0.29470	2.54797E-06	5.9505E-03
610959.43	4206449.03	33510.19886	0.00588	0.28497	2.46385E-06	5.8868E-03
610966.43	4206449.03	33124.97391	0.00582	0.27564	2.38318E-06	5.8191E-03
610973.43	4206449.03	32719.77151	0.00575	0.26671	2.30597E-06	5.7478E-03
610980.43	4206449.03	32297.19711	0.00567	0.25815	2.23196E-06	5.6735E-03
611001.43	4206449.03	30949.73878	0.00543	0.23453	2.02775E-06	5.4367E-03
611008.43	4206449.03	30480.77533	0.00535	0.22730	1.96523E-06	5.3543E-03
611015.43	4206449.03	30004.89833	0.00527	0.22036	1.90523E-06	5.2707E-03
611022.43	4206449.03	29523.71277	0.00518	0.21371	1.84774E-06	5.1861E-03
611029.43	4206449.03	29038.62854	0.00510	0.20732	1.79249E-06	5.1009E-03
611036.43	4206449.03	28550.94597	0.00501	0.20119	1.73949E-06	5.0152E-03
611043.43	4206449.03	28061.86771	0.00493	0.19530	1.68856E-06	4.9293E-03
611050.43	4206449.03	27572.33038	0.00484	0.18964	1.63963E-06	4.8433E-03
611057.43	4206449.03	27083.46537	0.00476	0.18420	1.59259E-06	4.7574E-03
611062.74	4206449.14	26703.12008	0.00469	0.18028	1.55870E-06	4.6906E-03
611078.43	4206449.03	25628.17794	0.00450	0.16912	1.46221E-06	4.5017E-03
611085.43	4206449.03	25149.13228	0.00442	0.16448	1.42209E-06	4.4176E-03
611092.43	4206449.03	24674.22419	0.00433	0.16000	1.38336E-06	4.3341E-03
610294.43	4206456.03	1994.64307	0.00035	1.01246	8.75372E-06	3.5901E-04
610301.43	4206456.03	2037.24618	0.00036	1.01438	8.77032E-06	3.6651E-04
610308.43	4206456.03	2081.12422	0.00037	1.01618	8.78589E-06	3.7423E-04
610315.43	4206456.03	2126.53405	0.00037	1.01792	8.80093E-06	3.8222E-04
610322.43	4206456.03	2173.69273	0.00038	1.01963	8.81572E-06	3.9051E-04
610329.43	4206456.03	2222.29946	0.00039	1.02126	8.82981E-06	3.9906E-04
610336.43	4206456.03	2272.99598	0.00040	1.02289	8.84390E-06	4.0798E-04
610343.43	4206456.03	2326.78397	0.00041	1.02465	8.85912E-06	4.1744E-04
610350.43	4206456.03	2382.48984	0.00042	1.02625	8.87295E-06	4.2723E-04
610357.43	4206456.03	2440.18039	0.00043	1.02769	8.88540E-06	4.3738E-04
610364.43	4206456.03	2500.01285	0.00044	1.02897	8.89647E-06	4.4789E-04
610371.43	4206456.03	2561.9591	0.00045	1.03008	8.90607E-06	4.5878E-04
610378.43	4206456.03	2626.16573	0.00046	1.03102	8.91419E-06	4.7006E-04
610385.43	4206456.03	2692.75452	0.00047	1.03179	8.92085E-06	4.8176E-04
610392.43	4206456.03	2761.70415	0.00048	1.03239	8.92604E-06	4.9388E-04
610399.43	4206456.03	2833.26437	0.00050	1.03282	8.92976E-06	5.0644E-04
610406.43	4206456.03	2907.43442	0.00051	1.03309	8.93209E-06	5.1947E-04
610413.43	4206456.03	2984.3145	0.00052	1.03322	8.93322E-06	5.3297E-04
610420.43	4206456.03	3064.03333	0.00054	1.03320	8.93304E-06	5.4697E-04
610427.43	4206456.03	3146.70694	0.00055	1.03304	8.93166E-06	5.6149E-04
610434.43	4206456.03	3232.4084	0.00057	1.03276	8.92924E-06	5.7653E-04
610441.43	4206456.03	3321.28492	0.00058	1.03234	8.92561E-06	5.9214E-04
610448.43	4206456.03	3413.46274	0.00060	1.03180	8.92094E-06	6.0832E-04
610455.43	4206456.03	3509.03939	0.00062	1.03114	8.91523E-06	6.2509E-04
610462.43	4206456.03	3608.21869	0.00063	1.03036	8.90849E-06	6.4250E-04
610469.43	4206456.03	3711.04867	0.00065	1.02946	8.90071E-06	6.6055E-04
610476.43	4206456.03	3817.76982	0.00067	1.02844	8.89189E-06	6.7928E-04
610497.43	4206456.03	4162.76332	0.00073	1.02460	8.85869E-06	7.3983E-04
610504.43	4206456.03	4286.83867	0.00075	1.02305	8.84529E-06	7.6160E-04
610511.43	4206456.03	4415.82919	0.00078	1.02134	8.83050E-06	7.8424E-04
610518.43	4206456.03	4550.16728	0.00080	1.01948	8.81442E-06	8.0781E-04
610525.43	4206456.03	4690.23059	0.00082	1.01744	8.79678E-06	8.3239E-04
610532.43	4206456.03	4836.62483	0.00085	1.01522	8.77759E-06	8.5808E-04
610539.43	4206456.03	4990.00165	0.00088	1.01281	8.75675E-06	8.8499E-04
610546.43	4206456.03	5151.07649	0.00090	1.01019	8.73410E-06	9.1325E-04
610553.43	4206456.03	5320.89625	0.00093	1.00735	8.70954E-06	9.4305E-04
610560.43	4206456.03	5500.8117	0.00097	1.00427	8.68291E-06	9.7461E-04
610567.43	4206456.03	5692.34531	0.00100	1.00095	8.65421E-06	1.0082E-03
610574.43	4206456.03	5896.42953	0.00104	0.99738	8.62334E-06	1.0440E-03
610581.43	4206456.03	6115.33167	0.00107	0.99357	8.59040E-06	1.0824E-03
610588.43	4206456.03	6350.35876	0.00112	0.98949	8.55513E-06	1.1237E-03
610595.43	4206456.03	6603.77064	0.00116	0.98515	8.51760E-06	1.1681E-03
610602.43	4206456.03	6876.99301	0.00121	0.98051	8.47748E-06	1.2161E-03
610609.43	4206456.03	7170.99013	0.00126	0.97553	8.43443E-06	1.2676E-03
610616.43	4206456.03	7487.95015	0.00131	0.97023	8.38860E-06	1.3233E-03
610623.43	4206456.03	7828.21997	0.00137	0.96454	8.33941E-06	1.3830E-03
610630.43	4206456.03	8193.29738	0.00144	0.95849	8.28710E-06	1.4470E-03
610637.43	4206456.03	8586.77589	0.00151	0.95221	8.23280E-06	1.5161E-03
610644.43	4206456.03	9006.34348	0.00158	0.94544	8.17427E-06	1.5897E-03
610651.43	4206456.03	9452.94388	0.00166	0.93818	8.11150E-06	1.6680E-03
610658.43	4206456.03	9927.76979	0.00174	0.93040	8.04423E-06	1.7513E-03
610665.43	4206456.03	10432.87869	0.00183	0.92203	7.97187E-06	1.8400E-03
610672.43	4206456.03	10970.79193	0.00193	0.91302	7.89397E-06	1.9343E-03
610679.43	4206456.03	11544.19981	0.00203	0.90335	7.81036E-06	2.0349E-03
610686.43	4206456.03	12155.89482	0.00213	0.89297	7.72061E-06	2.1423E-03
610693.43	4206456.03	12808.71232	0.00225	0.88186	7.62456E-06	2.2568E-03
610700.43	4206456.03	13504.67743	0.00237	0.87004	7.52236E-06	2.3789E-03
610707.43	4206456.03	14249.10705	0.00250	0.85744	7.41342E-06	2.5095E-03
610714.43	4206456.03	15043.70475	0.00264	0.84403	7.29748E-06	2.6489E-03
610721.43	4206456.03	15879.20886	0.00279	0.82978	7.17427E-06	2.7955E-03
610742.43	4206456.03	18641.84327	0.00327	0.78192	6.76048E-06	3.2802E-03
610749.43	4206456.03	19634.07469	0.00345	0.76439	6.60891E-06	3.4543E-03
610910.43	4206456.03	33339.60316	0.00585	0.36511	3.15674E-06	5.8575E-03
610917.43	4206456.03	33268.63582	0.00584	0.35283	3.05057E-06	5.8449E-03
610924.43	4206456.03	33152.52149	0.00582	0.34104	2.94863E-06	5.8245E-03
610931.43	4206456.03	32995.05403	0.00579	0.32970	2.85058E-06	5.7967E-03
610938.43	4206456.03	32799.80651	0.00576	0.31881	2.75643E-06	5.7623E-03
610945.43	4206456.03	32570.32186	0.00572	0.30836	2.66608E-06	5.7219E-03
610952.43	4206456.03	32309.72926	0.00567	0.29833	2.57936E-06	5.6761E-03
610959.43	4206456.03	32021.26001	0.00562	0.28869	2.49601E-06	5.6254E-03
610966.43	4206456.03	31707.89942	0.00557	0.27944	2.41604E-06	5.5703E-03
610973.43	4206456.03	31372.25545	0.00551	0.27057	2.33935E-06	5.5112E-03
610980.43	4206456.03	31017.11754	0.00545	0.26205	2.26568E-06	5.4488E-03
611008.43	4206456.03	29445.93818	0.00517	0.23123	1.99921E-06	5.1726E-03
611015.43	4206456.03	29025.46353	0.00510	0.22427	1.93904E-06	5.0987E-03
611022.43	4206456.03	28597.30086	0.00502	0.21759	1.88128E-06	5.0235E-03
611029.43	4206456.03	28162.93827	0.00495	0.21117	1.82577E-06	4.9472E-03
611036.43	4206456.03	27723.79185	0.00487	0.20500	1.77243E-06	4.8700E-03
611043.43	4206456.03	27281.00275	0.00479	0.19907	1.72116E-06	4.7922E-03
611050.43	4206456.03	26835.76525	0.00471	0.19336	1.67179E-06	4.7140E-03
611057.43	4206456.03	26388.9836	0.00463	0.18788	1.62441E-06	4.6355E-03
611062.74	4206456.14	26039.17014	0.00457	0.18391	1.59008E-06	4.5740E-03
611078.43	4206456.03	25048.73116	0.00440	0.17263	1.49256E-06	4.4000E-03
611085.43	4206456.03	24604.54864	0.00432	0.16792	1.45184E-06	4.3220E-03
611092.43	4206456.03	24162.65906	0.00424	0.16339	1.41267E-06	4.2443E-03
610294.43	4206463.03	1945.50638	0.00034	0.95246	8.23496E-06	3.4986E-04
610301.43	4206463.03	1986.44138	0.00035	0.95435	8.25131E-06	3.5707E-04
610308.43	4206463.03	2028.92599	0.00036	0.95618	8.26713E-06	3.6454E-04
610315.43	4206463.03	2072.70158	0.00036	0.95790	8.28200E-06	3.7224E-04
610322.43	4206463.03	2118.1288	0.00037	0.95960	8.29670E-06	3.8024E-04
610329.43	4206463.03	2164.99323	0.00038	0.96119	8.31044E-06	3.8848E-04
610336.43	4206463.03	2213.79539	0.00039	0.96281	8.32445E-06	3.9706E-04
610343.43	4206463.03	2265.56486	0.00040	0.96457	8.33967E-06	4.0617E-04
610350.43	4206463.03	2319.12008	0.00041	0.96619	8.35367E-06	4.1559E-04
610357.43	4206463.03	2374.61506	0.00042	0.96767	8.36647E-06	4.2534E-04
610364.43	4206463.03	2432.03607	0.00043	0.96900	8.37797E-06	4.3544E-04
610371.43	4206463.03	2491.52042	0.00044	0.97017	8.38809E-06	4.4589E-04
610378.43	4206463.03	2553.11203	0.00045	0.97118	8.39682E-06	4.5672E-04
610385.43	4206463.03	2616.87748	0.00046	0.97203	8.40417E-06	4.6792E-04
610392.43	4206463.03	2682.97416	0.00047	0.97272	8.41013E-06	4.7953E-04
610399.43	4206463.03	2751.41623	0.00048	0.97326	8.41480E-06	4.9156E-04
610406.43	4206463.03	2822.28751	0.00050	0.97364	8.41809E-06	5.0401E-04
610413.43	4206463.03	2895.71142	0.00051	0.97388	8.42016E-06	5.1690E-04
610420.43	4206463.03	2971.78883	0.00052	0.97397	8.42094E-06	5.3026E-04
610427.43	4206463.03	3050.53105	0.00054	0.97392	8.42051E-06	5.4409E-04
610434.43	4206463.03	3132.13977	0.00055	0.97374	8.41895E-06	5.5842E-04
610441.43	4206463.03	3216.63754	0.00056	0.97344	8.41636E-06	5.7325E-04
610448.43	4206463.03	3304.17424	0.00058	0.97301	8.41264E-06	5.8862E-04
610455.43	4206463.03	3394.83311	0.00060	0.97245	8.40780E-06	6.0453E-04
610462.43	4206463.03	3488.69022	0.00061	0.97178	8.40201E-06	6.2101E-04
610469.43	4206463.03	3585.97105	0.00063	0.97098	8.39509E-06	6.3808E-04
610476.43	4206463.03	3686.72177	0.00065	0.97006	8.38713E-06	6.5577E-04
610497.43	4206463.03	4011.51956	0.00070	0.96654	8.35670E-06	7.1277E-04
610504.43	4206463.03	4127.95407	0.00072	0.96510	8.34425E-06	7.3320E-04
610511.43	4206463.03	4248.91355	0.00075	0.96351	8.33050E-06	7.5443E-04
610518.43	4206463.03	4374.68277	0.00077	0.96178	8.31555E-06	7.7650E-04
610525.43	4206463.03	4505.72611	0.00079	0.95988	8.29912E-06	7.9949E-04
610532.43	4206463.03	4642.49062	0.00082	0.95781	8.28122E-06	8.2349E-04
610539.43	4206463.03	4785.67101	0.00084	0.95557	8.26185E-06	8.4862E-04
610546.43	4206463.03	4935.99189	0.00087	0.95314	8.24084E-06	8.7499E-04

610553.43	4206463.03	5094.36356	0.00089	0.95050	8.21802E-06	9.0278E-04
610560.43	4206463.03	5262.09126	0.00092	0.94765	8.19338E-06	9.3220E-04
610567.43	4206463.03	5439.97997	0.00096	0.94460	8.16701E-06	9.6342E-04
610574.43	4206463.03	5629.93958	0.00099	0.94131	8.13856E-06	9.9674E-04
610581.43	4206463.03	5833.25447	0.00102	0.93780	8.10821E-06	1.0324E-03
610588.43	4206463.03	6051.46829	0.00106	0.93404	8.07571E-06	1.0707E-03
610595.43	4206463.03	6286.09307	0.00110	0.93005	8.04121E-06	1.1119E-03
610602.43	4206463.03	6538.44708	0.00115	0.92578	8.00429E-06	1.1561E-03
610609.43	4206463.03	6809.78986	0.00120	0.92124	7.96504E-06	1.2037E-03
610616.43	4206463.03	7101.16495	0.00125	0.91639	7.92310E-06	1.2549E-03
610623.43	4206463.03	7413.19345	0.00130	0.91120	7.87823E-06	1.3096E-03
610630.43	4206463.03	7747.6355	0.00136	0.90572	7.83085E-06	1.3683E-03
610637.43	4206463.03	8108.0992	0.00142	0.90006	7.78191E-06	1.4315E-03
610644.43	4206463.03	8491.57955	0.00149	0.89400	7.72952E-06	1.4988E-03
610651.43	4206463.03	8897.66397	0.00156	0.88749	7.67323E-06	1.5701E-03
610658.43	4206463.03	9329.24527	0.00164	0.88053	7.61306E-06	1.6458E-03
610665.43	4206463.03	9786.87432	0.00172	0.87310	7.54882E-06	1.7261E-03
610672.43	4206463.03	10271.12039	0.00180	0.86511	7.47974E-06	1.8111E-03
610679.43	4206463.03	10787.03704	0.00189	0.85657	7.40590E-06	1.9016E-03
610686.43	4206463.03	11335.68518	0.00199	0.84741	7.32670E-06	1.9978E-03
610693.43	4206463.03	11917.06094	0.00209	0.83762	7.24206E-06	2.0999E-03
610700.43	4206463.03	12537.88962	0.00220	0.82723	7.15223E-06	2.2088E-03
610707.43	4206463.03	13197.61113	0.00232	0.81620	7.05686E-06	2.3245E-03
610714.43	4206463.03	13900.86858	0.00244	0.80449	6.95562E-06	2.4479E-03
610721.43	4206463.03	14640.12039	0.00257	0.79207	6.84823E-06	2.5776E-03
610798.43	4206463.03	24152.15187	0.00424	0.61506	5.31781E-06	4.2464E-03
610805.43	4206463.03	24963.65563	0.00438	0.59721	5.16347E-06	4.3887E-03
610812.43	4206463.03	25744.16748	0.00452	0.57945	5.00992E-06	4.5256E-03
610819.43	4206463.03	26489.46418	0.00465	0.56186	4.85784E-06	4.6563E-03
610826.43	4206463.03	27193.48111	0.00478	0.54450	4.70774E-06	4.7798E-03
610833.43	4206463.03	27851.23652	0.00489	0.52743	4.56016E-06	4.8952E-03
610840.43	4206463.03	28457.79847	0.00500	0.51069	4.41542E-06	5.0015E-03
610847.43	4206463.03	29009.74815	0.00509	0.49432	4.27389E-06	5.0983E-03
610854.43	4206463.03	29507.36232	0.00518	0.47838	4.13607E-06	5.1856E-03
610861.43	4206463.03	29946.21031	0.00526	0.46285	4.00180E-06	5.2625E-03
610868.43	4206463.03	30325.23575	0.00533	0.44776	3.87133E-06	5.3289E-03
610875.43	4206463.03	30644.66631	0.00538	0.43312	3.74475E-06	5.3849E-03
610882.43	4206463.03	30905.45482	0.00543	0.41893	3.62207E-06	5.4306E-03
610889.43	4206463.03	31108.80567	0.00546	0.40519	3.50327E-06	5.4661E-03
610910.43	4206463.03	31397.25174	0.00551	0.36672	3.17066E-06	5.5165E-03
610917.43	4206463.03	31395.18094	0.00551	0.35479	3.06751E-06	5.5160E-03
610924.43	4206463.03	31348.9271	0.00550	0.34329	2.96808E-06	5.5078E-03
610931.43	4206463.03	31261.85421	0.00549	0.33221	2.87229E-06	5.4924E-03
610938.43	4206463.03	31136.51481	0.00547	0.32155	2.78012E-06	5.4703E-03
610945.43	4206463.03	30976.49911	0.00544	0.31128	2.69133E-06	5.4421E-03
610952.43	4206463.03	30784.36367	0.00541	0.30140	2.60590E-06	5.4083E-03
610959.43	4206463.03	30563.1811	0.00537	0.29190	2.52377E-06	5.3694E-03
610966.43	4206463.03	30315.6192	0.00532	0.28276	2.44474E-06	5.3258E-03
610973.43	4206463.03	30044.32056	0.00528	0.27397	2.36874E-06	5.2781E-03
610980.43	4206463.03	29751.63202	0.00522	0.26552	2.29568E-06	5.2266E-03
610987.43	4206463.03	29439.8075	0.00517	0.25739	2.22539E-06	5.1718E-03
611008.43	4206463.03	28411.10245	0.00499	0.23483	2.03034E-06	4.9910E-03
611015.43	4206463.03	28043.29479	0.00492	0.22788	1.97025E-06	4.9263E-03
611022.43	4206463.03	27665.73833	0.00486	0.22119	1.91241E-06	4.8600E-03
611029.43	4206463.03	27280.16056	0.00479	0.21476	1.85681E-06	4.7922E-03
611036.43	4206463.03	26887.53758	0.00472	0.20857	1.80330E-06	4.7232E-03
611043.43	4206463.03	26489.54684	0.00465	0.20261	1.75177E-06	4.6533E-03
611050.43	4206463.03	26087.1166	0.00458	0.19687	1.70214E-06	4.5825E-03
611057.43	4206463.03	25681.38897	0.00451	0.19135	1.65441E-06	4.5112E-03
611062.74	4206463.14	25361.22413	0.00445	0.18735	1.61983E-06	4.4550E-03
611078.43	4206463.03	24453.60147	0.00429	0.17598	1.52152E-06	4.2955E-03
611085.43	4206463.03	24043.50938	0.00422	0.17123	1.48045E-06	4.2235E-03
611092.43	4206463.03	23634.21821	0.00415	0.16664	1.44077E-06	4.1516E-03
610294.43	4206470.03	1898.68007	0.00033	0.89774	7.76186E-06	3.4117E-04
610301.43	4206470.03	1938.35463	0.00034	0.89971	7.77889E-06	3.4815E-04
610308.43	4206470.03	1979.25404	0.00035	0.90152	7.79454E-06	3.5535E-04
610315.43	4206470.03	2021.49546	0.00035	0.90324	7.80941E-06	3.6278E-04
610322.43	4206470.03	2065.33768	0.00036	0.90492	7.82393E-06	3.7049E-04
610329.43	4206470.03	2110.53031	0.00037	0.90651	7.83768E-06	3.7844E-04
610336.43	4206470.03	2157.5494	0.00038	0.90812	7.85160E-06	3.8671E-04
610343.43	4206470.03	2207.26127	0.00039	0.90984	7.86647E-06	3.9546E-04
610350.43	4206470.03	2258.85154	0.00040	0.91147	7.88057E-06	4.0453E-04
610357.43	4206470.03	2312.19605	0.00041	0.91296	7.89345E-06	4.1391E-04
610364.43	4206470.03	2367.26701	0.00042	0.91431	7.90512E-06	4.2359E-04
610371.43	4206470.03	2424.4161	0.00043	0.91552	7.91558E-06	4.3364E-04
610378.43	4206470.03	2483.51653	0.00044	0.91659	7.92483E-06	4.4402E-04
610385.43	4206470.03	2544.71727	0.00045	0.91751	7.93279E-06	4.5478E-04
610392.43	4206470.03	2607.8821	0.00046	0.91831	7.93970E-06	4.6588E-04
610399.43	4206470.03	2673.36985	0.00047	0.91894	7.94515E-06	4.7738E-04
610406.43	4206470.03	2741.20137	0.00048	0.91942	7.94930E-06	4.8930E-04
610413.43	4206470.03	2811.40303	0.00049	0.91976	7.95224E-06	5.0163E-04
610420.43	4206470.03	2883.94497	0.00051	0.91996	7.95397E-06	5.1437E-04
610427.43	4206470.03	2959.11652	0.00052	0.92002	7.95449E-06	5.2757E-04
610434.43	4206470.03	3036.77946	0.00053	0.91995	7.95388E-06	5.4121E-04
610441.43	4206470.03	3117.2096	0.00055	0.91975	7.95215E-06	5.5533E-04
610448.43	4206470.03	3200.35094	0.00056	0.91943	7.94939E-06	5.6992E-04
610455.43	4206470.03	3286.35799	0.00058	0.91898	7.94550E-06	5.8502E-04
610462.43	4206470.03	3375.34336	0.00059	0.91841	7.94057E-06	6.0064E-04
610469.43	4206470.03	3467.3288	0.00061	0.91772	7.93460E-06	6.1679E-04
610476.43	4206470.03	3562.53991	0.00063	0.91691	7.92760E-06	6.3350E-04
610497.43	4206470.03	3868.53156	0.00068	0.91372	7.90002E-06	6.8721E-04
610504.43	4206470.03	3977.94693	0.00070	0.91240	7.88861E-06	7.0641E-04
610511.43	4206470.03	4091.39632	0.00072	0.91094	7.87598E-06	7.2632E-04
610518.43	4206470.03	4209.27842	0.00074	0.90934	7.86215E-06	7.4700E-04
610525.43	4206470.03	4331.99035	0.00076	0.90758	7.84693E-06	7.6853E-04
610532.43	4206470.03	4459.9465	0.00078	0.90567	7.83042E-06	7.9099E-04
610539.43	4206470.03	4593.81274	0.00081	0.90359	7.81243E-06	8.1448E-04
610546.43	4206470.03	4734.28325	0.00083	0.90134	7.79298E-06	8.3912E-04
610553.43	4206470.03	4882.19197	0.00086	0.89891	7.77197E-06	8.6507E-04
610560.43	4206470.03	5038.61534	0.00088	0.89629	7.74932E-06	8.9252E-04
610567.43	4206470.03	5204.67842	0.00091	0.89347	7.72494E-06	9.2165E-04
610574.43	4206470.03	5381.5786	0.00094	0.89045	7.69883E-06	9.5269E-04
610581.43	4206470.03	5570.73517	0.00098	0.88723	7.67099E-06	9.8588E-04
610588.43	4206470.03	5773.49676	0.00101	0.88378	7.64116E-06	1.0215E-03
610595.43	4206470.03	5991.37974	0.00105	0.88012	7.60951E-06	1.0597E-03
610602.43	4206470.03	6225.03859	0.00109	0.87621	7.57571E-06	1.1007E-03
610609.43	4206470.03	6475.76652	0.00114	0.87204	7.53965E-06	1.1447E-03
610616.43	4206470.03	6744.25975	0.00118	0.86759	7.50118E-06	1.1918E-03
610623.43	4206470.03	7031.1199	0.00123	0.86284	7.46011E-06	1.2421E-03
610630.43	4206470.03	7339.11085	0.00129	0.85787	7.41714E-06	1.2961E-03
610637.43	4206470.03	7669.67851	0.00135	0.85275	7.37287E-06	1.3542E-03
610644.43	4206470.03	8021.36462	0.00141	0.84728	7.32558E-06	1.4159E-03
610651.43	4206470.03	8392.99623	0.00147	0.84142	7.27491E-06	1.4811E-03
610658.43	4206470.03	8786.85242	0.00154	0.83519	7.22105E-06	1.5502E-03
610665.43	4206470.03	9202.20007	0.00162	0.82854	7.16355E-06	1.6236E-03
610672.43	4206470.03	9641.39363	0.00169	0.82143	7.10208E-06	1.7001E-03
610679.43	4206470.03	10107.89639	0.00177	0.81384	7.03646E-06	1.7820E-03
610686.43	4206470.03	10600.49958	0.00186	0.80572	6.96625E-06	1.8684E-03
610693.43	4206470.03	11125.06545	0.00195	0.79704	6.89120E-06	1.9604E-03
610700.43	4206470.03	11679.24623	0.00205	0.78785	6.81175E-06	2.0577E-03
610707.43	4206470.03	12266.72384	0.00215	0.77813	6.72771E-06	2.1607E-03
610714.43	4206470.03	12891.77159	0.00226	0.76784	6.63874E-06	2.2704E-03
610721.43	4206470.03	13552.36771	0.00238	0.75695	6.54459E-06	2.3863E-03
610756.43	4206470.03	17334.21292	0.00304	0.69304	5.99202E-06	3.0498E-03
610763.43	4206470.03	18176.08047	0.00319	0.67849	5.86622E-06	3.1975E-03
610770.43	4206470.03	19012.55332	0.00334	0.66347	5.73636E-06	3.3443E-03
610777.43	4206470.03	19800.06109	0.00348	0.64806	5.60312E-06	3.4824E-03
610784.43	4206470.03	20587.95267	0.00362	0.63232	5.46704E-06	3.6207E-03
610791.43	4206470.03	21371.1976	0.00375	0.61635	5.32896E-06	3.7581E-03
610798.43	4206470.03	22144.81382	0.00389	0.60023	5.18959E-06	3.8938E-03
610805.43	4206470.03	22903.30971	0.00402	0.58403	5.04952E-06	4.0268E-03
610812.43	4206470.03	23639.5241	0.00415	0.56783	4.90946E-06	4.1560E-03
610819.43	4206470.03	24349.41793	0.00428	0.55171	4.77008E-06	4.2805E-03
610826.43	4206470.03	25027.39946	0.00439	0.53572	4.63183E-06	4.3994E-03
610833.43	4206470.03	25668.42703	0.00451	0.51991	4.49514E-06	4.5118E-03
610840.43	4206470.03	26268.40593	0.00461	0.50434	4.36052E-06	4.6170E-03
610847.43	4206470.03	26822.98286	0.00471	0.48905	4.22832E-06	4.7143E-03
610854.43	4206470.03	27331.89558	0.00480	0.47409	4.09898E-06	4.8035E-03
610861.43	4206470.03	27790.26897	0.00488	0.45946	3.97249E-06	4.8839E-03
610868.43	4206470.03	28196.69717	0.00495	0.44519	3.84911E-06	4.9551E-03
610875.43	4206470.03	28550.49814	0.00501	0.43128	3.72884E-06	5.0171E-03
610882.43	4206470.03	28851.6192	0.00507	0.41776	3.61195E-06	5.0699E-03
610889.43	4206470.03	29100.64858	0.00511	0.40462	3.49834E-06	5.1135E-03
610910.43	4206470.03	29549.54511	0.00519	0.36759	3.17818E-06	5.1920E-03
610917.43	4206470.03	29606.0663	0.00520	0.35603	3.07823E-06	5.2018E-03
610924.43	4206470.03	29620.08546	0.00520	0.34486	2.98166E-06	5.2042E-03
610931.43	4206470.03	29593.94149	0.00520	0.33408	2.88845E-06	5.1995E-03
610938.43	4206470.03	29530.43164	0.00519	0.32367	2.79845E-06	5.1883E-03
610945.43	4206470.03	29432.04631	0.00517	0.31362	2.71156E-06	5.1709E-03

610952.43	4206470.03	29301.4065	0.00515	0.30394	2.62786E-06	5.1479E-03
610959.43	4206470.03	29141.04122	0.00512	0.29460	2.54711E-06	5.1196E-03
610966.43	4206470.03	28953.42921	0.00508	0.28560	2.46930E-06	5.0866E-03
610973.43	4206470.03	28740.90679	0.00505	0.27692	2.39425E-06	5.0492E-03
610980.43	4206470.03	28505.7994	0.00501	0.26857	2.32205E-06	5.0079E-03
610987.43	4206470.03	28250.21406	0.00496	0.26052	2.25245E-06	4.9629E-03
611008.43	4206470.03	27380.76682	0.00481	0.23811	2.05870E-06	4.8101E-03
611015.43	4206470.03	27062.71771	0.00475	0.23118	1.99878E-06	4.7542E-03
611022.43	4206470.03	26733.31269	0.00469	0.22450	1.94103E-06	4.6963E-03
611029.43	4206470.03	26393.93328	0.00463	0.21807	1.88543E-06	4.6366E-03
611036.43	4206470.03	26046.15482	0.00457	0.21188	1.83191E-06	4.5755E-03
611043.43	4206470.03	25691.03997	0.00451	0.20591	1.78030E-06	4.5131E-03
611050.43	4206470.03	25329.83487	0.00445	0.20016	1.73058E-06	4.4496E-03
611057.43	4206470.03	24963.80071	0.00438	0.19462	1.68268E-06	4.3853E-03
611062.21	4206469.92	24722.40333	0.00434	0.19090	1.65052E-06	4.3428E-03
611078.43	4206470.03	23845.38164	0.00419	0.17916	1.54902E-06	4.1887E-03
611085.43	4206470.03	23468.71539	0.00412	0.17437	1.50760E-06	4.1226E-03
611092.43	4206470.03	23091.34124	0.00405	0.16975	1.46766E-06	4.0563E-03
610294.43	4206477.03	1854.37585	0.00033	0.84763	7.32860E-06	3.3295E-04
610301.43	4206477.03	1892.61515	0.00033	0.84969	7.34642E-06	3.3969E-04
610308.43	4206477.03	1932.0915	0.00034	0.85154	7.36241E-06	3.4663E-04
610315.43	4206477.03	1973.06794	0.00035	0.85331	7.37771E-06	3.5384E-04
610322.43	4206477.03	2015.22554	0.00035	0.85498	7.39215E-06	3.6127E-04
610329.43	4206477.03	2058.87146	0.00036	0.85658	7.40599E-06	3.6894E-04
610336.43	4206477.03	2104.26266	0.00037	0.85816	7.41965E-06	3.7692E-04
610343.43	4206477.03	2152.18169	0.00038	0.85985	7.43426E-06	3.8535E-04
610350.43	4206477.03	2201.73693	0.00039	0.86144	7.44801E-06	3.9407E-04
610357.43	4206477.03	2252.97209	0.00040	0.86291	7.46072E-06	4.0308E-04
610364.43	4206477.03	2305.9597	0.00040	0.86426	7.47239E-06	4.1239E-04
610371.43	4206477.03	2360.72612	0.00041	0.86550	7.48311E-06	4.2202E-04
610378.43	4206477.03	2417.39052	0.00042	0.86661	7.49271E-06	4.3198E-04
610385.43	4206477.03	2475.9802	0.00043	0.86759	7.50118E-06	4.4228E-04
610392.43	4206477.03	2536.51779	0.00045	0.86845	7.50861E-06	4.5292E-04
610399.43	4206477.03	2599.17549	0.00046	0.86917	7.51484E-06	4.6392E-04
610406.43	4206477.03	2663.90572	0.00047	0.86978	7.52011E-06	4.7530E-04
610413.43	4206477.03	2730.98899	0.00048	0.87021	7.52383E-06	4.8708E-04
610420.43	4206477.03	2800.36048	0.00049	0.87051	7.52643E-06	4.9926E-04
610427.43	4206477.03	2872.02137	0.00050	0.87067	7.52781E-06	5.1185E-04
610434.43	4206477.03	2946.07649	0.00052	0.87071	7.52815E-06	5.2485E-04
610441.43	4206477.03	3022.57261	0.00053	0.87062	7.52738E-06	5.3828E-04
610448.43	4206477.03	3101.6328	0.00054	0.87040	7.52547E-06	5.5217E-04
610455.43	4206477.03	3183.25221	0.00056	0.87006	7.52253E-06	5.6649E-04
610462.43	4206477.03	3267.60002	0.00057	0.86960	7.51856E-06	5.8130E-04
610469.43	4206477.03	3354.71998	0.00059	0.86902	7.51354E-06	5.9659E-04
610476.43	4206477.03	3444.71108	0.00060	0.86831	7.50740E-06	6.1239E-04
610497.43	4206477.03	3733.11234	0.00066	0.86547	7.48285E-06	6.6301E-04
610504.43	4206477.03	3835.93897	0.00067	0.86427	7.47247E-06	6.8105E-04
610511.43	4206477.03	3942.51277	0.00069	0.86293	7.46089E-06	6.9976E-04
610518.43	4206477.03	4053.11156	0.00071	0.86146	7.44818E-06	7.1917E-04
610525.43	4206477.03	4168.08364	0.00073	0.85985	7.43426E-06	7.3934E-04
610532.43	4206477.03	4287.98509	0.00075	0.85808	7.41896E-06	7.6038E-04
610539.43	4206477.03	4413.30345	0.00077	0.85617	7.40244E-06	7.8237E-04
610546.43	4206477.03	4544.74334	0.00080	0.85410	7.38454E-06	8.0543E-04
610553.43	4206477.03	4683.14811	0.00082	0.85186	7.36518E-06	8.2972E-04
610560.43	4206477.03	4829.63765	0.00085	0.84943	7.34417E-06	8.5542E-04
610567.43	4206477.03	4984.92643	0.00088	0.84685	7.32186E-06	8.8266E-04
610574.43	4206477.03	5150.46748	0.00090	0.84408	7.29791E-06	9.1171E-04
610581.43	4206477.03	5327.14662	0.00094	0.84114	7.27249E-06	9.4271E-04
610588.43	4206477.03	5516.6089	0.00097	0.83799	7.24526E-06	9.7595E-04
610595.43	4206477.03	5719.71737	0.00100	0.83465	7.21638E-06	1.0116E-03
610602.43	4206477.03	5937.18537	0.00104	0.83110	7.18569E-06	1.0497E-03
610609.43	4206477.03	6170.47698	0.00108	0.82734	7.15318E-06	1.0907E-03
610616.43	4206477.03	6419.54672	0.00113	0.82332	7.11842E-06	1.1344E-03
610623.43	4206477.03	6685.6409	0.00117	0.81905	7.08150E-06	1.1811E-03
610630.43	4206477.03	6969.72389	0.00122	0.81453	7.04242E-06	1.2309E-03
610637.43	4206477.03	7275.40014	0.00128	0.80987	7.00213E-06	1.2845E-03
610644.43	4206477.03	7598.47061	0.00133	0.80489	6.95907E-06	1.3412E-03
610651.43	4206477.03	7940.68585	0.00139	0.79960	6.91334E-06	1.4013E-03
610658.43	4206477.03	8300.78655	0.00146	0.79394	6.86440E-06	1.4645E-03
610665.43	4206477.03	8681.5816	0.00152	0.78794	6.81253E-06	1.5313E-03
610672.43	4206477.03	9082.01582	0.00159	0.78153	6.75710E-06	1.6015E-03
610679.43	4206477.03	9504.49293	0.00167	0.77469	6.69797E-06	1.6757E-03
610686.43	4206477.03	9952.15423	0.00175	0.76739	6.63485E-06	1.7542E-03
610693.43	4206477.03	10423.54427	0.00183	0.75966	6.56802E-06	1.8369E-03
610700.43	4206477.03	10924.35915	0.00192	0.75149	6.49738E-06	1.9248E-03
610707.43	4206477.03	11451.55256	0.00201	0.74288	6.42294E-06	2.0173E-03
610714.43	4206477.03	12008.40147	0.00211	0.73379	6.34434E-06	2.1150E-03
610721.43	4206477.03	12595.53842	0.00221	0.72419	6.26134E-06	2.2180E-03
610735.43	4206477.03	13860.84453	0.00243	0.70337	6.08133E-06	2.4400E-03
610742.43	4206477.03	14537.73621	0.00255	0.69212	5.98407E-06	2.5588E-03
610749.43	4206477.03	15242.19614	0.00268	0.68031	5.88196E-06	2.6824E-03
610756.43	4206477.03	15978.35623	0.00281	0.66796	5.77518E-06	2.8115E-03
610763.43	4206477.03	16731.36965	0.00294	0.65511	5.66408E-06	2.9437E-03
610770.43	4206477.03	17481.54344	0.00307	0.64180	5.54900E-06	3.0753E-03
610777.43	4206477.03	18197.5237	0.00320	0.62809	5.43046E-06	3.2009E-03
610784.43	4206477.03	18917.55326	0.00332	0.61402	5.30881E-06	3.3272E-03
610791.43	4206477.03	19637.31621	0.00345	0.59969	5.18492E-06	3.4535E-03
610798.43	4206477.03	20352.64146	0.00357	0.58515	5.05920E-06	3.5789E-03
610805.43	4206477.03	21058.82573	0.00370	0.57048	4.93237E-06	3.7028E-03
610812.43	4206477.03	21749.66755	0.00382	0.55573	4.80484E-06	3.8240E-03
610819.43	4206477.03	22421.38204	0.00394	0.54097	4.67722E-06	3.9418E-03
610826.43	4206477.03	23069.17024	0.00405	0.52628	4.55021E-06	4.0554E-03
610833.43	4206477.03	23688.22641	0.00416	0.51168	4.42398E-06	4.1640E-03
610840.43	4206477.03	24274.41147	0.00426	0.49724	4.29913E-06	4.2668E-03
610847.43	4206477.03	24823.34681	0.00436	0.48299	4.17593E-06	4.3631E-03
610854.43	4206477.03	25334.43494	0.00445	0.46900	4.05497E-06	4.4527E-03
610861.43	4206477.03	25802.71689	0.00453	0.45526	3.93618E-06	4.5348E-03
610868.43	4206477.03	26225.93041	0.00461	0.44180	3.81980E-06	4.6090E-03
610875.43	4206477.03	26603.42603	0.00467	0.42863	3.70593E-06	4.6752E-03
610882.43	4206477.03	26934.18623	0.00473	0.41579	3.59492E-06	4.7332E-03
610889.43	4206477.03	27218.25418	0.00478	0.40327	3.48667E-06	4.7830E-03
610910.43	4206477.03	27796.52502	0.00488	0.36774	3.17948E-06	4.8842E-03
610917.43	4206477.03	27902.48951	0.00490	0.35659	3.08308E-06	4.9027E-03
610924.43	4206477.03	27967.69395	0.00491	0.34578	2.98961E-06	4.9141E-03
610931.43	4206477.03	27994.32444	0.00492	0.33532	2.89918E-06	4.9186E-03
610938.43	4206477.03	27984.81195	0.00491	0.32519	2.81159E-06	4.9169E-03
610945.43	4206477.03	27940.7664	0.00491	0.31540	2.72695E-06	4.9091E-03
610952.43	4206477.03	27864.72584	0.00489	0.30593	2.64507E-06	4.8956E-03
610959.43	4206477.03	27758.8196	0.00487	0.29678	2.56596E-06	4.8770E-03
610966.43	4206477.03	27625.26312	0.00485	0.28795	2.48961E-06	4.8534E-03
610973.43	4206477.03	27466.35739	0.00482	0.27942	2.41586E-06	4.8254E-03
610980.43	4206477.03	27283.9111	0.00479	0.27119	2.34471E-06	4.7933E-03
610987.43	4206477.03	27080.21178	0.00476	0.26324	2.27597E-06	4.7575E-03
611008.43	4206477.03	26358.93324	0.00463	0.24104	2.08403E-06	4.6307E-03
611015.43	4206477.03	26087.71669	0.00458	0.23416	2.02455E-06	4.5830E-03
611022.43	4206477.03	25803.70925	0.00453	0.22752	1.96714E-06	4.5330E-03
611029.43	4206477.03	25508.30646	0.00448	0.22111	1.91172E-06	4.4811E-03
611036.43	4206477.03	25203.0027	0.00443	0.21493	1.85828E-06	4.4274E-03
611043.43	4206477.03	24888.87833	0.00437	0.20897	1.80675E-06	4.3722E-03
611050.43	4206477.03	24567.37888	0.00431	0.20322	1.75704E-06	4.3157E-03
611057.43	4206477.03	24239.31668	0.00426	0.19767	1.70905E-06	4.2581E-03
611062.21	4206476.92	24023.29097	0.00422	0.19395	1.67689E-06	4.2201E-03
611078.43	4206477.03	23226.75967	0.00408	0.18216	1.57495E-06	4.0801E-03
611085.43	4206477.03	22882.66305	0.00402	0.17735	1.53337E-06	4.0197E-03
611092.43	4206477.03	22536.45488	0.00396	0.17270	1.49316E-06	3.9588E-03
610294.43	4206484.03	1811.69267	0.00032	0.80151	6.92985E-06	3.2506E-04
610301.43	4206484.03	1848.64357	0.00032	0.80367	6.94853E-06	3.3157E-04
610308.43	4206484.03	1886.99377	0.00033	0.80563	6.96547E-06	3.3832E-04
610315.43	4206484.03	1926.44342	0.00034	0.80740	6.98078E-06	3.4526E-04
610322.43	4206484.03	1967.22396	0.00035	0.80907	6.99522E-06	3.5244E-04
610329.43	4206484.03	2009.49919	0.00035	0.81071	7.00939E-06	3.5987E-04
610336.43	4206484.03	2053.18723	0.00036	0.81228	7.02297E-06	3.6756E-04
610343.43	4206484.03	2099.42488	0.00037	0.81395	7.03741E-06	3.7569E-04
610350.43	4206484.03	2147.05075	0.00038	0.81550	7.05081E-06	3.8407E-04
610357.43	4206484.03	2196.30626	0.00039	0.81695	7.06335E-06	3.9273E-04
610364.43	4206484.03	2247.158	0.00039	0.81830	7.07502E-06	4.0167E-04
610371.43	4206484.03	2299.87196	0.00040	0.81955	7.08583E-06	4.1094E-04
610378.43	4206484.03	2354.17863	0.00041	0.82070	7.09577E-06	4.2048E-04
610385.43	4206484.03	2410.27139	0.00042	0.82174	7.10476E-06	4.3034E-04
610392.43	4206484.03	2468.42995	0.00043	0.82265	7.11263E-06	4.4056E-04
610399.43	4206484.03	2528.31051	0.00044	0.82346	7.11963E-06	4.5109E-04
610406.43	4206484.03	2590.13159	0.00045	0.82415	7.12560E-06	4.6195E-04
610413.43	4206484.03	2654.35794	0.00047	0.82467	7.13009E-06	4.7323E-04
610420.43	4206484.03	2720.61544	0.00048	0.82506	7.13346E-06	4.8487E-04
610427.43	4206484.03	2788.99471	0.00049	0.82533	7.13580E-06	4.9688E-04
610434.43	4206484.03	2859.63229	0.00050	0.82546	7.13692E-06	5.0928E-04
610441.43	4206484.03	2932.47981	0.00051	0.82547	7.13701E-06	5.2207E-04
610448.43	4206484.03	3007.61774	0.00053	0.82536	7.13606E-06	5.3527E-04
610455.43	4206484.03	3085.15046	0.00054	0.82512	7.13398E-06	5.4888E-04

610462.43	4206484.03	3165.11884	0.00056	0.82477	7.13096E-06	5.6292E-04
610469.43	4206484.03	3247.6273	0.00057	0.82429	7.12681E-06	5.7740E-04
610497.43	4206484.03	3604.6142	0.00063	0.82120	7.10009E-06	6.4006E-04
610504.43	4206484.03	3701.41821	0.00065	0.82012	7.09075E-06	6.5705E-04
610511.43	4206484.03	3801.53305	0.00067	0.81891	7.08029E-06	6.7462E-04
610518.43	4206484.03	3905.37411	0.00069	0.81757	7.06871E-06	6.9284E-04
610525.43	4206484.03	4013.29297	0.00070	0.81610	7.05600E-06	7.1178E-04
610532.43	4206484.03	4125.73695	0.00072	0.81448	7.04199E-06	7.3151E-04
610539.43	4206484.03	4243.19096	0.00075	0.81273	7.02686E-06	7.5212E-04
610546.43	4206484.03	4366.41863	0.00077	0.81083	7.01043E-06	7.7374E-04
610553.43	4206484.03	4496.10891	0.00079	0.80877	6.99262E-06	7.9650E-04
610560.43	4206484.03	4633.3572	0.00081	0.80654	6.97334E-06	8.2058E-04
610567.43	4206484.03	4779.16893	0.00084	0.80415	6.95268E-06	8.4616E-04
610574.43	4206484.03	4934.17737	0.00087	0.80161	6.93072E-06	8.7336E-04
610581.43	4206484.03	5099.7479	0.00090	0.79891	6.90737E-06	9.0241E-04
610588.43	4206484.03	5277.21607	0.00093	0.79605	6.88264E-06	9.3355E-04
610595.43	4206484.03	5466.92997	0.00096	0.79301	6.85636E-06	9.6684E-04
610602.43	4206484.03	5670.12087	0.00100	0.78980	6.82861E-06	1.0025E-03
610609.43	4206484.03	5887.47383	0.00103	0.78638	6.79904E-06	1.0406E-03
610616.43	4206484.03	6119.91615	0.00107	0.78276	6.76774E-06	1.0814E-03
610623.43	4206484.03	6367.13473	0.00112	0.77891	6.73445E-06	1.1248E-03
610630.43	4206484.03	6631.09053	0.00116	0.77482	6.69909E-06	1.1711E-03
610637.43	4206484.03	6913.46145	0.00121	0.77056	6.66226E-06	1.2207E-03
610644.43	4206484.03	7212.74143	0.00127	0.76602	6.62301E-06	1.2732E-03
610651.43	4206484.03	7527.66736	0.00132	0.76119	6.58125E-06	1.3284E-03
610658.43	4206484.03	7860.15988	0.00138	0.75606	6.53689E-06	1.3868E-03
610665.43	4206484.03	8208.95048	0.00144	0.75060	6.48968E-06	1.4480E-03
610672.43	4206484.03	8576.9748	0.00151	0.74479	6.43945E-06	1.5125E-03
610679.43	4206484.03	8962.93799	0.00157	0.73860	6.38593E-06	1.5803E-03
610686.43	4206484.03	9370.72678	0.00165	0.73202	6.32904E-06	1.6518E-03
610693.43	4206484.03	9798.8483	0.00172	0.72511	6.26930E-06	1.7269E-03
610700.43	4206484.03	10252.29805	0.00180	0.71783	6.20635E-06	1.8065E-03
610707.43	4206484.03	10725.958	0.00188	0.71017	6.14013E-06	1.8896E-03
610714.43	4206484.03	11224.68013	0.00197	0.70210	6.07035E-06	1.9771E-03
610721.43	4206484.03	11752.38104	0.00206	0.69360	5.99686E-06	2.0697E-03
610735.43	4206484.03	12880.96991	0.00226	0.67520	5.83778E-06	2.2677E-03
610742.43	4206484.03	13488.94899	0.00237	0.66526	5.75183E-06	2.3744E-03
610749.43	4206484.03	14117.52496	0.00248	0.65484	5.66174E-06	2.4847E-03
610756.43	4206484.03	14769.53617	0.00259	0.64393	5.56742E-06	2.5991E-03
610763.43	4206484.03	15449.17241	0.00271	0.63254	5.46894E-06	2.7183E-03
610770.43	4206484.03	16121.86545	0.00283	0.62073	5.36683E-06	2.8363E-03
610777.43	4206484.03	16772.45344	0.00295	0.60852	5.26126E-06	2.9505E-03
610784.43	4206484.03	17429.68526	0.00306	0.59595	5.15258E-06	3.0658E-03
610791.43	4206484.03	18089.94941	0.00318	0.58308	5.04131E-06	3.1816E-03
610798.43	4206484.03	18749.83368	0.00329	0.56998	4.92804E-06	3.2974E-03
610805.43	4206484.03	19405.10692	0.00341	0.55669	4.81314E-06	3.4123E-03
610812.43	4206484.03	20050.81513	0.00352	0.54328	4.69720E-06	3.5256E-03
610819.43	4206484.03	20683.2481	0.00363	0.52981	4.58073E-06	3.6365E-03
610826.43	4206484.03	21298.23887	0.00374	0.51632	4.46410E-06	3.7444E-03
610833.43	4206484.03	21891.20394	0.00384	0.50287	4.34781E-06	3.8484E-03
610840.43	4206484.03	22458.5069	0.00394	0.48951	4.23230E-06	3.9479E-03
610847.43	4206484.03	22995.85384	0.00404	0.47627	4.11783E-06	4.0421E-03
610854.43	4206484.03	23501.71094	0.00413	0.46321	4.00491E-06	4.1309E-03
610861.43	4206484.03	23971.9079	0.00421	0.45034	3.89364E-06	4.2133E-03
610868.43	4206484.03	24403.98387	0.00429	0.43768	3.78418E-06	4.2891E-03
610875.43	4206484.03	24796.07777	0.00435	0.42526	3.67680E-06	4.3578E-03
610882.43	4206484.03	25147.27993	0.00442	0.41309	3.57157E-06	4.4194E-03
610889.43	4206484.03	25457.00231	0.00447	0.40120	3.46877E-06	4.4737E-03
610910.43	4206484.03	26137.86351	0.00459	0.36723	3.17507E-06	4.5929E-03
610917.43	4206484.03	26284.37575	0.00462	0.35650	3.08230E-06	4.6186E-03
610924.43	4206484.03	26392.70638	0.00463	0.34608	2.99221E-06	4.6375E-03
610931.43	4206484.03	26464.4116	0.00465	0.33595	2.90462E-06	4.6500E-03
610938.43	4206484.03	26501.05985	0.00465	0.32614	2.81980E-06	4.6563E-03
610945.43	4206484.03	26504.55773	0.00465	0.31662	2.73749E-06	4.6569E-03
610952.43	4206484.03	26476.70042	0.00465	0.30739	2.65769E-06	4.6519E-03
610959.43	4206484.03	26419.31757	0.00464	0.29846	2.58048E-06	4.6418E-03
610966.43	4206484.03	26334.38259	0.00462	0.28982	2.50578E-06	4.6268E-03
610973.43	4206484.03	26223.84459	0.00460	0.28146	2.43350E-06	4.6073E-03
610980.43	4206484.03	26089.4174	0.00458	0.27337	2.36356E-06	4.5836E-03
610987.43	4206484.03	25932.91284	0.00455	0.26555	2.29594E-06	4.5561E-03
611008.43	4206484.03	25348.90075	0.00445	0.24363	2.10642E-06	4.4533E-03
611015.43	4206484.03	25121.41136	0.00441	0.23681	2.04746E-06	4.4133E-03
611022.43	4206484.03	24880.01094	0.00437	0.23022	1.99048E-06	4.3709E-03
611029.43	4206484.03	24626.19071	0.00432	0.22386	1.93549E-06	4.3262E-03
611036.43	4206484.03	24361.02536	0.00428	0.21771	1.88232E-06	4.2796E-03
611043.43	4206484.03	24086.14596	0.00423	0.21177	1.83096E-06	4.2313E-03
611050.43	4206484.03	23802.27908	0.00418	0.20604	1.78142E-06	4.1814E-03
611057.43	4206484.03	23510.79056	0.00413	0.20050	1.73352E-06	4.1302E-03
611062.21	4206483.92	23319.03541	0.00409	0.19678	1.70136E-06	4.0965E-03
611078.43	4206484.03	22600.25639	0.00397	0.18498	1.59934E-06	3.9702E-03
611085.43	4206484.03	22287.52722	0.00391	0.18015	1.55758E-06	3.9152E-03
611092.43	4206484.03	21971.80307	0.00386	0.17549	1.51729E-06	3.8597E-03
610294.43	4206491.03	1770.77735	0.00031	0.75892	6.56162E-06	3.1751E-04
610301.43	4206491.03	1806.58694	0.00032	0.76116	6.58099E-06	3.2381E-04
610308.43	4206491.03	1843.54029	0.00032	0.76320	6.59862E-06	3.3032E-04
610315.43	4206491.03	1881.8494	0.00033	0.76507	6.61479E-06	3.3706E-04
610322.43	4206491.03	1921.28792	0.00034	0.76677	6.62949E-06	3.4400E-04
610329.43	4206491.03	1962.01256	0.00034	0.76839	6.64350E-06	3.5117E-04
610336.43	4206491.03	2004.3372	0.00035	0.76998	6.65724E-06	3.5861E-04
610343.43	4206491.03	2048.72464	0.00036	0.77161	6.67134E-06	3.6642E-04
610350.43	4206491.03	2094.7132	0.00037	0.77316	6.68474E-06	3.7451E-04
610357.43	4206491.03	2142.01421	0.00038	0.77461	6.69727E-06	3.8283E-04
610364.43	4206491.03	2191.03183	0.00038	0.77597	6.70903E-06	3.9145E-04
610371.43	4206491.03	2241.63341	0.00039	0.77723	6.71993E-06	4.0035E-04
610378.43	4206491.03	2293.69786	0.00040	0.77839	6.72996E-06	4.0950E-04
610385.43	4206491.03	2347.65556	0.00041	0.77946	6.73921E-06	4.1898E-04
610392.43	4206491.03	2403.14585	0.00042	0.78045	6.74777E-06	4.2873E-04
610399.43	4206491.03	2460.59014	0.00043	0.78131	6.75520E-06	4.3883E-04
610406.43	4206491.03	2519.88541	0.00044	0.78206	6.76169E-06	4.4925E-04
610413.43	4206491.03	2581.16053	0.00045	0.78268	6.76705E-06	4.6001E-04
610420.43	4206491.03	2644.49761	0.00046	0.78316	6.77120E-06	4.7114E-04
610427.43	4206491.03	2709.81946	0.00048	0.78351	6.77422E-06	4.8261E-04
610434.43	4206491.03	2777.15929	0.00049	0.78374	6.77621E-06	4.9444E-04
610441.43	4206491.03	2846.52615	0.00050	0.78385	6.77716E-06	5.0662E-04
610448.43	4206491.03	2917.99616	0.00051	0.78383	6.77699E-06	5.1917E-04
610455.43	4206491.03	2991.64837	0.00053	0.78370	6.77587E-06	5.3210E-04
610462.43	4206491.03	3067.49259	0.00054	0.78345	6.77370E-06	5.4542E-04
610469.43	4206491.03	3145.6085	0.00055	0.78308	6.77051E-06	5.5913E-04
610497.43	4206491.03	3482.67531	0.00061	0.78043	6.74759E-06	6.1830E-04
610504.43	4206491.03	3573.76649	0.00063	0.77947	6.73929E-06	6.3428E-04
610511.43	4206491.03	3667.92026	0.00064	0.77839	6.72996E-06	6.5081E-04
610518.43	4206491.03	3765.50035	0.00066	0.77718	6.71949E-06	6.6793E-04
610525.43	4206491.03	3866.84502	0.00068	0.77584	6.70791E-06	6.8572E-04
610532.43	4206491.03	3972.40995	0.00070	0.77438	6.69529E-06	7.0424E-04
610539.43	4206491.03	4082.67624	0.00072	0.77278	6.68145E-06	7.2359E-04
610546.43	4206491.03	4198.36523	0.00074	0.77104	6.66641E-06	7.4389E-04
610553.43	4206491.03	4320.12544	0.00076	0.76916	6.65015E-06	7.6525E-04
610560.43	4206491.03	4449.04945	0.00078	0.76711	6.63243E-06	7.8788E-04
610567.43	4206491.03	4585.82458	0.00081	0.76491	6.61341E-06	8.1187E-04
610574.43	4206491.03	4731.39249	0.00083	0.76258	6.59326E-06	8.3742E-04
610581.43	4206491.03	4886.82844	0.00086	0.76011	6.57191E-06	8.6469E-04
610588.43	4206491.03	5053.10509	0.00089	0.75750	6.54934E-06	8.9386E-04
610595.43	4206491.03	5230.98314	0.00092	0.75473	6.52539E-06	9.2507E-04
610602.43	4206491.03	5421.21508	0.00095	0.75180	6.50006E-06	9.5845E-04
610609.43	4206491.03	5624.45723	0.00099	0.74870	6.47326E-06	9.9412E-04
610616.43	4206491.03	5841.22102	0.00103	0.74540	6.44472E-06	1.0322E-03
610623.43	4206491.03	6071.74938	0.00107	0.74191	6.41455E-06	1.0726E-03
610630.43	4206491.03	6317.72173	0.00111	0.73822	6.38265E-06	1.1158E-03
610637.43	4206491.03	6579.93442	0.00116	0.73431	6.34884E-06	1.1618E-03
610644.43	4206491.03	6857.30996	0.00120	0.73017	6.31305E-06	1.2104E-03
610651.43	4206491.03	7148.78677	0.00126	0.72577	6.27500E-06	1.2616E-03
610658.43	4206491.03	7455.92111	0.00131	0.72110	6.23463E-06	1.3155E-03
610665.43	4206491.03	7777.45955	0.00137	0.71612	6.19157E-06	1.3719E-03
610672.43	4206491.03	8114.7067	0.00142	0.71084	6.14592E-06	1.4311E-03
610679.43	4206491.03	8469.77757	0.00149	0.70522	6.09733E-06	1.4934E-03
610686.43	4206491.03	8841.15251	0.00155	0.69932	6.04632E-06	1.5585E-03
610693.43	4206491.03	9232.90015	0.00162	0.69310	5.99254E-06	1.6273E-03
610700.43	4206491.03	9643.07318	0.00169	0.68658	5.93617E-06	1.6992E-03
610707.43	4206491.03	10072.26341	0.00177	0.67974	5.87703E-06	1.7745E-03
610714.43	4206491.03	10523.16255	0.00185	0.67255	5.81486E-06	1.8537E-03
610721.43	4206491.03	10993.56209	0.00193	0.66499	5.74950E-06	1.9362E-03
610735.43	4206491.03	12006.12707	0.00211	0.64865	5.60822E-06	2.1139E-03
610742.43	4206491.03	12549.25397	0.00220	0.63985	5.53214E-06	2.2092E-03
610749.43	4206491.03	13115.37659	0.00230	0.63061	5.45225E-06	2.3085E-03
610756.43	4206491.03	13698.50515	0.00241	0.62094	5.36864E-06	2.4108E-03
610763.43	4206491.03	14307.15815	0.00251	0.61083	5.28123E-06	2.5176E-03
610770.43	4206491.03	14910.60339	0.00262	0.60032	5.19036E-06	2.6235E-03
610777.43	4206491.03	15501.79121	0.00272	0.58943	5.09621E-06	2.7272E-03
610784.43	4206491.03	16101.2254	0.00283	0.57818	4.99894E-06	2.8323E-03

610791.43	4206491.03	16706.11623	0.00293	0.56663	4.89908E-06	2.9385E-03
610798.43	4206491.03	17313.63422	0.00304	0.55482	4.79697E-06	3.0450E-03
610805.43	4206491.03	17920.30421	0.00315	0.54280	4.69305E-06	3.1515E-03
610812.43	4206491.03	18521.72191	0.00325	0.53062	4.58774E-06	3.2570E-03
610819.43	4206491.03	19114.70176	0.00336	0.51833	4.48148E-06	3.3610E-03
610826.43	4206491.03	19695.65007	0.00346	0.50598	4.37470E-06	3.4629E-03
610833.43	4206491.03	20260.17956	0.00356	0.49361	4.26775E-06	3.5619E-03
610840.43	4206491.03	20804.72653	0.00365	0.48127	4.16106E-06	3.6574E-03
610847.43	4206491.03	21326.02093	0.00374	0.46899	4.05489E-06	3.7489E-03
610854.43	4206491.03	21821.62053	0.00383	0.45683	3.94975E-06	3.8358E-03
610861.43	4206491.03	22287.66576	0.00391	0.44481	3.84583E-06	3.9175E-03
610868.43	4206491.03	22721.46613	0.00399	0.43293	3.74311E-06	3.9936E-03
610875.43	4206491.03	23121.16335	0.00406	0.42124	3.64204E-06	4.0637E-03
610882.43	4206491.03	23485.33717	0.00412	0.40975	3.54270E-06	4.1275E-03
610889.43	4206491.03	23812.80347	0.00418	0.39848	3.44526E-06	4.1849E-03
610910.43	4206491.03	24572.39311	0.00431	0.36609	3.16521E-06	4.3180E-03
610917.43	4206491.03	24751.9554	0.00435	0.35580	3.07625E-06	4.3495E-03
610924.43	4206491.03	24896.04618	0.00437	0.34578	2.98961E-06	4.3747E-03
610931.43	4206491.03	25005.6154	0.00439	0.33602	2.90523E-06	4.3938E-03
610938.43	4206491.03	25082.04832	0.00440	0.32653	2.82318E-06	4.4072E-03
610945.43	4206491.03	25126.58871	0.00441	0.31731	2.74346E-06	4.4149E-03
610952.43	4206491.03	25140.70237	0.00441	0.30835	2.66599E-06	4.4173E-03
610959.43	4206491.03	25126.03963	0.00441	0.29966	2.59086E-06	4.4147E-03
610966.43	4206491.03	25084.26778	0.00440	0.29123	2.51797E-06	4.4073E-03
610973.43	4206491.03	25016.88251	0.00439	0.28305	2.44725E-06	4.3954E-03
610980.43	4206491.03	24925.81601	0.00438	0.27513	2.37877E-06	4.3793E-03
610987.43	4206491.03	24812.39214	0.00436	0.26746	2.31246E-06	4.3593E-03
611008.43	4206491.03	24354.56891	0.00428	0.24587	2.12579E-06	4.2787E-03
611015.43	4206491.03	24167.76122	0.00424	0.23914	2.06760E-06	4.2459E-03
611022.43	4206491.03	23966.16702	0.00421	0.23262	2.01123E-06	4.2104E-03
611029.43	4206491.03	23751.17184	0.00417	0.22631	1.95668E-06	4.1726E-03
611036.43	4206491.03	23523.97835	0.00413	0.22021	1.90393E-06	4.1327E-03
611043.43	4206491.03	23285.86009	0.00409	0.21431	1.85292E-06	4.0908E-03
611050.43	4206491.03	23037.88255	0.00405	0.20861	1.80364E-06	4.0472E-03
611057.43	4206491.03	22781.18341	0.00400	0.20309	1.75592E-06	4.0021E-03
611062.21	4206490.92	22612.46898	0.00397	0.19939	1.72392E-06	3.9724E-03
611078.43	4206491.03	21968.28173	0.00386	0.18760	1.62199E-06	3.8592E-03
611085.43	4206491.03	21686.15215	0.00381	0.18277	1.58023E-06	3.8096E-03
611092.43	4206491.03	21399.60246	0.00376	0.17810	1.53985E-06	3.7593E-03
610294.43	4206498.03	1731.36252	0.00030	0.71953	6.22105E-06	3.1024E-04
610301.43	4206498.03	1766.05078	0.00031	0.72181	6.24077E-06	3.1636E-04
610308.43	4206498.03	1801.96545	0.00032	0.72391	6.25892E-06	3.2268E-04
610315.43	4206498.03	1838.92223	0.00032	0.72586	6.27578E-06	3.2919E-04
610322.43	4206498.03	1877.06812	0.00033	0.72762	6.29100E-06	3.3590E-04
610329.43	4206498.03	1916.57722	0.00034	0.72928	6.30535E-06	3.4285E-04
610336.43	4206498.03	1957.39201	0.00034	0.73086	6.31901E-06	3.5003E-04
610343.43	4206498.03	2000.26581	0.00035	0.73249	6.33310E-06	3.5758E-04
610350.43	4206498.03	2044.49028	0.00036	0.73402	6.34633E-06	3.6535E-04
610357.43	4206498.03	2090.16326	0.00037	0.73546	6.35878E-06	3.7339E-04
610364.43	4206498.03	2137.11512	0.00038	0.73683	6.37063E-06	3.8164E-04
610371.43	4206498.03	2185.71359	0.00038	0.73811	6.38170E-06	3.9019E-04
610378.43	4206498.03	2235.85862	0.00039	0.73930	6.39198E-06	3.9900E-04
610385.43	4206498.03	2287.54432	0.00040	0.74040	6.40149E-06	4.0809E-04
610392.43	4206498.03	2340.88606	0.00041	0.74141	6.41023E-06	4.1746E-04
610399.43	4206498.03	2395.86049	0.00042	0.74234	6.41827E-06	4.2713E-04
610406.43	4206498.03	2452.54259	0.00043	0.74315	6.42527E-06	4.3709E-04
610413.43	4206498.03	2511.18474	0.00044	0.74384	6.43124E-06	4.4739E-04
610420.43	4206498.03	2571.79202	0.00045	0.74440	6.43608E-06	4.5804E-04
610427.43	4206498.03	2634.15127	0.00046	0.74483	6.43980E-06	4.6899E-04
610434.43	4206498.03	2698.34629	0.00047	0.74515	6.44256E-06	4.8027E-04
610441.43	4206498.03	2764.46231	0.00049	0.74535	6.44429E-06	4.9188E-04
610448.43	4206498.03	2832.4453	0.00050	0.74543	6.44498E-06	5.0382E-04
610455.43	4206498.03	2902.40749	0.00051	0.74539	6.44464E-06	5.1610E-04
610462.43	4206498.03	2974.35326	0.00052	0.74524	6.44334E-06	5.2873E-04
610469.43	4206498.03	3048.34784	0.00054	0.74498	6.44109E-06	5.4172E-04
610497.43	4206498.03	3366.6977	0.00059	0.74276	6.42190E-06	5.9761E-04
610504.43	4206498.03	3452.44531	0.00061	0.74192	6.41464E-06	6.1266E-04
610511.43	4206498.03	3541.10066	0.00062	0.74096	6.40634E-06	6.2822E-04
610518.43	4206498.03	3632.87004	0.00064	0.73988	6.39700E-06	6.4432E-04
610525.43	4206498.03	3728.16612	0.00065	0.73868	6.38662E-06	6.6104E-04
610532.43	4206498.03	3827.42202	0.00067	0.73735	6.37512E-06	6.7846E-04
610539.43	4206498.03	3931.10213	0.00069	0.73590	6.36259E-06	6.9666E-04
610546.43	4206498.03	4039.7497	0.00071	0.73433	6.34901E-06	7.1572E-04
610553.43	4206498.03	4154.14507	0.00073	0.73262	6.33423E-06	7.3579E-04
610560.43	4206498.03	4275.34813	0.00075	0.73074	6.31797E-06	7.5706E-04
610567.43	4206498.03	4404.0596	0.00077	0.72871	6.30042E-06	7.7964E-04
610574.43	4206498.03	4541.05044	0.00080	0.72657	6.28192E-06	8.0368E-04
610581.43	4206498.03	4687.25434	0.00082	0.72431	6.26238E-06	8.2933E-04
610588.43	4206498.03	4843.50054	0.00085	0.72192	6.24172E-06	8.5675E-04
610595.43	4206498.03	5010.2582	0.00088	0.71939	6.21984E-06	8.8601E-04
610602.43	4206498.03	5188.77877	0.00091	0.71672	6.19676E-06	9.1733E-04
610609.43	4206498.03	5379.28665	0.00094	0.71389	6.17229E-06	9.5076E-04
610616.43	4206498.03	5581.85205	0.00098	0.71091	6.14652E-06	9.8631E-04
610623.43	4206498.03	5797.41802	0.00102	0.70773	6.11903E-06	1.0241E-03
610630.43	4206498.03	6026.5667	0.00106	0.70436	6.08989E-06	1.0643E-03
610637.43	4206498.03	6271.09201	0.00110	0.70079	6.05903E-06	1.1072E-03
610644.43	4206498.03	6528.39268	0.00115	0.69700	6.02626E-06	1.1524E-03
610651.43	4206498.03	6799.55293	0.00119	0.69298	5.99150E-06	1.2000E-03
610658.43	4206498.03	7083.29217	0.00124	0.68871	5.95458E-06	1.2498E-03
610665.43	4206498.03	7381.35062	0.00130	0.68418	5.91542E-06	1.3021E-03
610672.43	4206498.03	7692.38611	0.00135	0.67936	5.87374E-06	1.3566E-03
610679.43	4206498.03	8018.99603	0.00141	0.67429	5.82991E-06	1.4139E-03
610686.43	4206498.03	8359.73163	0.00147	0.66896	5.78382E-06	1.4737E-03
610693.43	4206498.03	8718.20466	0.00153	0.66337	5.73549E-06	1.5366E-03
610700.43	4206498.03	9092.43221	0.00160	0.65751	5.68483E-06	1.6023E-03
610707.43	4206498.03	9480.81066	0.00166	0.65137	5.63174E-06	1.6704E-03
610714.43	4206498.03	9887.57915	0.00174	0.64493	5.57606E-06	1.7418E-03
610721.43	4206498.03	10313.36188	0.00181	0.63818	5.51770E-06	1.8165E-03
610735.43	4206498.03	11225.20803	0.00197	0.62362	5.39182E-06	1.9765E-03
610742.43	4206498.03	11708.05499	0.00206	0.61580	5.32420E-06	2.0612E-03
610749.43	4206498.03	12214.68394	0.00214	0.60758	5.25313E-06	2.1501E-03
610756.43	4206498.03	12741.2876	0.00224	0.59897	5.17869E-06	2.2425E-03
610763.43	4206498.03	13286.93006	0.00233	0.58998	5.10096E-06	2.3383E-03
610770.43	4206498.03	13828.45291	0.00243	0.58061	5.01995E-06	2.4333E-03
610777.43	4206498.03	14365.5825	0.00252	0.57088	4.93583E-06	2.5275E-03
610784.43	4206498.03	14912.15093	0.00262	0.56081	4.84876E-06	2.6234E-03
610791.43	4206498.03	15465.92332	0.00272	0.55043	4.75902E-06	2.7205E-03
610798.43	4206498.03	16024.3931	0.00281	0.53979	4.66702E-06	2.8185E-03
610805.43	4206498.03	16584.90977	0.00291	0.52891	4.57295E-06	2.9168E-03
610812.43	4206498.03	17143.63566	0.00301	0.51786	4.47742E-06	3.0149E-03
610819.43	4206498.03	17697.76855	0.00311	0.50666	4.38058E-06	3.1121E-03
610826.43	4206498.03	18244.02001	0.00320	0.49535	4.28279E-06	3.2079E-03
610833.43	4206498.03	18778.8976	0.00330	0.48400	4.18466E-06	3.3017E-03
610840.43	4206498.03	19298.80003	0.00339	0.47261	4.08618E-06	3.3929E-03
610847.43	4206498.03	19800.44236	0.00348	0.46125	3.98797E-06	3.4809E-03
610854.43	4206498.03	20281.87377	0.00356	0.44996	3.89035E-06	3.5653E-03
610861.43	4206498.03	20738.92042	0.00364	0.43874	3.79334E-06	3.6455E-03
610868.43	4206498.03	21169.23283	0.00372	0.42763	3.69729E-06	3.7210E-03
610875.43	4206498.03	21570.53623	0.00379	0.41666	3.60244E-06	3.7913E-03
610882.43	4206498.03	21941.43769	0.00385	0.40583	3.50880E-06	3.8564E-03
610889.43	4206498.03	22280.43031	0.00391	0.39518	3.41672E-06	3.9158E-03
610910.43	4206498.03	23098.25705	0.00406	0.36438	3.15043E-06	4.0592E-03
610917.43	4206498.03	23304.20757	0.00409	0.35454	3.06535E-06	4.0952E-03
610924.43	4206498.03	23477.2851	0.00412	0.34493	2.98226E-06	4.1255E-03
610931.43	4206498.03	23618.39842	0.00415	0.33555	2.90116E-06	4.1502E-03
610938.43	4206498.03	23728.09484	0.00417	0.32641	2.82214E-06	4.1694E-03
610945.43	4206498.03	23807.65907	0.00418	0.31750	2.74510E-06	4.1833E-03
610952.43	4206498.03	23858.06392	0.00419	0.30882	2.67006E-06	4.1921E-03
610959.43	4206498.03	23880.79156	0.00419	0.30038	2.59708E-06	4.1960E-03
610966.43	4206498.03	23877.01082	0.00419	0.29218	2.52619E-06	4.1953E-03
610973.43	4206498.03	23848.29463	0.00419	0.28422	2.45736E-06	4.1902E-03
610980.43	4206498.03	23795.85415	0.00418	0.27648	2.39044E-06	4.1809E-03
610987.43	4206498.03	23721.49192	0.00417	0.26897	2.32551E-06	4.1678E-03
611008.43	4206498.03	23378.82899	0.00411	0.24777	2.14222E-06	4.1074E-03
611015.43	4206498.03	23229.51849	0.00408	0.24114	2.08490E-06	4.0811E-03
611022.43	4206498.03	23064.88801	0.00405	0.23470	2.02922E-06	4.0522E-03
611029.43	4206498.03	22886.09217	0.00402	0.22847	1.97535E-06	4.0207E-03
611036.43	4206498.03	22694.48459	0.00399	0.22244	1.92322E-06	3.9870E-03
611043.43	4206498.03	22490.97411	0.00395	0.21659	1.87264E-06	3.9512E-03
611050.43	4206498.03	22276.93147	0.00391	0.21093	1.82370E-06	3.9136E-03
611057.43	4206498.03	22053.14985	0.00387	0.20545	1.77632E-06	3.8743E-03
611062.21	4206497.92	21906.3403	0.00385	0.20177	1.74450E-06	3.8484E-03
611078.43	4206498.03	21333.57186	0.00375	0.19002	1.64291E-06	3.7478E-03
611085.43	4206498.03	21080.53429	0.00370	0.18520	1.60124E-06	3.7033E-03
611092.43	4206498.03	20822.24385	0.00366	0.18054	1.56095E-06	3.6579E-03
610294.43	4206505.03	1693.49487	0.00030	0.68301	5.90530E-06	3.0328E-04
610301.43	4206505.03	1727.22758	0.00030	0.68527	5.92484E-06	3.0922E-04
610308.43	4206505.03	1761.91502	0.00031	0.68744	5.94360E-06	3.1533E-04
610315.43	4206505.03	1797.69362	0.00032	0.68944	5.96089E-06	3.2163E-04

610322.43	4206505.03	1834.76696	0.00032	0.69129	5.97689E-06	3.2816E-04
610329.43	4206505.03	1872.88142	0.00033	0.69297	5.99142E-06	3.3487E-04
610336.43	4206505.03	1912.43285	0.00034	0.69459	6.00542E-06	3.4182E-04
610343.43	4206505.03	1953.75984	0.00034	0.69619	6.01926E-06	3.4910E-04
610350.43	4206505.03	1996.35858	0.00035	0.69772	6.03248E-06	3.5659E-04
610357.43	4206505.03	2040.30209	0.00036	0.69918	6.04511E-06	3.6432E-04
610364.43	4206505.03	2085.57962	0.00037	0.70054	6.05687E-06	3.7228E-04
610371.43	4206505.03	2132.28191	0.00037	0.70183	6.06802E-06	3.8049E-04
610378.43	4206505.03	2180.40227	0.00038	0.70305	6.07857E-06	3.8895E-04
610385.43	4206505.03	2230.01267	0.00039	0.70417	6.08825E-06	3.9767E-04
610392.43	4206505.03	2281.1317	0.00040	0.70522	6.09733E-06	4.0666E-04
610399.43	4206505.03	2333.89174	0.00041	0.70618	6.10563E-06	4.1593E-04
610406.43	4206505.03	2388.08558	0.00042	0.70706	6.11324E-06	4.2546E-04
610413.43	4206505.03	2444.28575	0.00043	0.70781	6.11972E-06	4.3533E-04
610420.43	4206505.03	2502.1762	0.00044	0.70844	6.12517E-06	4.4550E-04
610427.43	4206505.03	2561.78415	0.00045	0.70895	6.12958E-06	4.5597E-04
610434.43	4206505.03	2623.03136	0.00046	0.70935	6.13304E-06	4.6673E-04
610441.43	4206505.03	2685.98682	0.00047	0.70963	6.13546E-06	4.7779E-04
610448.43	4206505.03	2750.67029	0.00048	0.70980	6.13693E-06	4.8915E-04
610455.43	4206505.03	2817.12924	0.00049	0.70986	6.13745E-06	5.0082E-04
610462.43	4206505.03	2885.40261	0.00051	0.70981	6.13701E-06	5.1281E-04
610469.43	4206505.03	2955.52578	0.00052	0.70964	6.13554E-06	5.2512E-04
610497.43	4206505.03	3256.20805	0.00057	0.70785	6.12007E-06	5.7790E-04
610504.43	4206505.03	3337.07812	0.00059	0.70712	6.11376E-06	5.9210E-04
610511.43	4206505.03	3420.54824	0.00060	0.70628	6.10649E-06	6.0675E-04
610518.43	4206505.03	3506.99037	0.00062	0.70533	6.09828E-06	6.2192E-04
610525.43	4206505.03	3596.70407	0.00063	0.70426	6.08903E-06	6.3766E-04
610532.43	4206505.03	3690.06517	0.00065	0.70307	6.07874E-06	6.5405E-04
610539.43	4206505.03	3787.63766	0.00067	0.70176	6.06741E-06	6.7117E-04
610546.43	4206505.03	3889.92595	0.00068	0.70034	6.05514E-06	6.8912E-04
610553.43	4206505.03	3997.58069	0.00070	0.69879	6.04173E-06	7.0801E-04
610560.43	4206505.03	4111.78216	0.00072	0.69706	6.02678E-06	7.2805E-04
610567.43	4206505.03	4233.13739	0.00074	0.69520	6.01070E-06	7.4934E-04
610574.43	4206505.03	4362.06184	0.00077	0.69325	5.99384E-06	7.7196E-04
610581.43	4206505.03	4499.76782	0.00079	0.69117	5.97585E-06	7.9613E-04
610588.43	4206505.03	4646.70194	0.00082	0.68898	5.95692E-06	8.2191E-04
610595.43	4206505.03	4803.87909	0.00084	0.68667	5.93695E-06	8.4949E-04
610602.43	4206505.03	4971.45733	0.00087	0.68423	5.91585E-06	8.7889E-04
610609.43	4206505.03	5150.04241	0.00090	0.68166	5.89363E-06	9.1023E-04
610616.43	4206505.03	5340.37498	0.00094	0.67892	5.86994E-06	9.4363E-04
610623.43	4206505.03	5541.97328	0.00097	0.67604	5.84504E-06	9.7900E-04
610630.43	4206505.03	5756.51814	0.00101	0.67297	5.81850E-06	1.0167E-03
610637.43	4206505.03	5984.69934	0.00105	0.66969	5.79014E-06	1.0567E-03
610644.43	4206505.03	6224.50766	0.00109	0.66622	5.76013E-06	1.0988E-03
610651.43	4206505.03	6476.11349	0.00114	0.66255	5.72840E-06	1.1429E-03
610658.43	4206505.03	6740.32086	0.00118	0.65864	5.69460E-06	1.1893E-03
610665.43	4206505.03	7015.74098	0.00123	0.65450	5.65880E-06	1.2376E-03
610672.43	4206505.03	7304.33234	0.00128	0.65013	5.62102E-06	1.2882E-03
610679.43	4206505.03	7604.62226	0.00134	0.64554	5.58134E-06	1.3409E-03
610686.43	4206505.03	7919.29077	0.00139	0.64072	5.53966E-06	1.3961E-03
610693.43	4206505.03	8246.82317	0.00145	0.63567	5.49600E-06	1.4536E-03
610700.43	4206505.03	8590.99061	0.00151	0.63038	5.45026E-06	1.5140E-03
610707.43	4206505.03	8943.60373	0.00157	0.62486	5.40254E-06	1.5759E-03
610714.43	4206505.03	9311.69162	0.00164	0.61908	5.35256E-06	1.6405E-03
610721.43	4206505.03	9695.89353	0.00170	0.61303	5.30025E-06	1.7079E-03
610735.43	4206505.03	10518.83273	0.00185	0.60001	5.18768E-06	1.8523E-03
610742.43	4206505.03	10955.60507	0.00192	0.59302	5.12725E-06	1.9289E-03
610749.43	4206505.03	11410.26327	0.00200	0.58569	5.06387E-06	2.0087E-03
610756.43	4206505.03	11882.70321	0.00209	0.57801	4.99747E-06	2.0916E-03
610763.43	4206505.03	12377.12254	0.00217	0.56999	4.92813E-06	2.1783E-03
610770.43	4206505.03	12858.74854	0.00226	0.56162	4.85576E-06	2.2628E-03
610777.43	4206505.03	13346.99637	0.00234	0.55291	4.78046E-06	2.3485E-03
610784.43	4206505.03	13845.26362	0.00243	0.54388	4.70238E-06	2.4359E-03
610791.43	4206505.03	14351.88623	0.00252	0.53455	4.62172E-06	2.5248E-03
610798.43	4206505.03	14864.82746	0.00261	0.52495	4.53872E-06	2.6148E-03
610805.43	4206505.03	15381.85957	0.00270	0.51511	4.45364E-06	2.7055E-03
610812.43	4206505.03	15899.77625	0.00279	0.50508	4.36692E-06	2.7963E-03
610819.43	4206505.03	16416.2569	0.00288	0.49488	4.27873E-06	2.8869E-03
610826.43	4206505.03	16928.33126	0.00297	0.48455	4.18942E-06	2.9768E-03
610833.43	4206505.03	17432.81708	0.00306	0.47413	4.09933E-06	3.0653E-03
610840.43	4206505.03	17926.55237	0.00315	0.46365	4.00872E-06	3.1519E-03
610847.43	4206505.03	18406.67958	0.00323	0.45315	3.91793E-06	3.2361E-03
610854.43	4206505.03	18870.79934	0.00331	0.44267	3.82732E-06	3.3175E-03
610861.43	4206505.03	19315.39761	0.00339	0.43224	3.73714E-06	3.3955E-03
610868.43	4206505.03	19737.94899	0.00347	0.42186	3.64740E-06	3.4696E-03
610875.43	4206505.03	20136.43857	0.00354	0.41158	3.55852E-06	3.5395E-03
610882.43	4206505.03	20508.79682	0.00360	0.40140	3.47050E-06	3.6048E-03
610889.43	4206505.03	20853.51835	0.00366	0.39136	3.38370E-06	3.6652E-03
610910.43	4206505.03	21712.42351	0.00381	0.36215	3.13115E-06	3.8158E-03
610917.43	4206505.03	21938.5613	0.00385	0.35276	3.04996E-06	3.8554E-03
610924.43	4206505.03	22134.97802	0.00389	0.34357	2.97050E-06	3.8898E-03
610931.43	4206505.03	22301.6884	0.00392	0.33458	2.89278E-06	3.9190E-03
610938.43	4206505.03	22439.20651	0.00394	0.32579	2.81678E-06	3.9431E-03
610945.43	4206505.03	22548.3113	0.00396	0.31720	2.74251E-06	3.9622E-03
610952.43	4206505.03	22630.0117	0.00397	0.30883	2.67014E-06	3.9764E-03
610959.43	4206505.03	22684.99478	0.00398	0.30066	2.59950E-06	3.9860E-03
610966.43	4206505.03	22714.53094	0.00399	0.29270	2.53068E-06	3.9912E-03
610973.43	4206505.03	22719.7474	0.00399	0.28496	2.46376E-06	3.9920E-03
610980.43	4206505.03	22701.87659	0.00399	0.27742	2.39857E-06	3.9888E-03
610987.43	4206505.03	22662.12769	0.00398	0.27010	2.33528E-06	3.9818E-03
611008.43	4206505.03	22424.15063	0.00394	0.24934	2.15579E-06	3.9398E-03
611015.43	4206505.03	22309.3617	0.00392	0.24281	2.09933E-06	3.9196E-03
611022.43	4206505.03	22178.85979	0.00389	0.23648	2.04460E-06	3.8966E-03
611029.43	4206505.03	22033.71509	0.00387	0.23034	1.99152E-06	3.8711E-03
611036.43	4206505.03	21875.13775	0.00384	0.22438	1.93999E-06	3.8432E-03
611043.43	4206505.03	21704.13845	0.00381	0.21860	1.89001E-06	3.8131E-03
611050.43	4206505.03	21521.76402	0.00378	0.21300	1.84160E-06	3.7810E-03
611057.43	4206505.03	21329.10733	0.00375	0.20756	1.79456E-06	3.7471E-03
611062.21	4206504.92	21203.06108	0.00372	0.20391	1.76300E-06	3.7250E-03
611078.43	4206505.03	20698.12635	0.00363	0.19224	1.66211E-06	3.6362E-03
611085.43	4206505.03	20472.96662	0.00360	0.18744	1.62061E-06	3.5966E-03
611092.43	4206505.03	20241.87584	0.00355	0.18279	1.58040E-06	3.5560E-03
610294.43	4206512.03	1657.21322	0.00029	0.64906	5.61177E-06	2.9661E-04
610301.43	4206512.03	1689.8089	0.00030	0.65132	5.63131E-06	3.0236E-04
610308.43	4206512.03	1723.43518	0.00030	0.65349	5.65007E-06	3.0828E-04
610315.43	4206512.03	1758.25853	0.00031	0.65554	5.66780E-06	3.1441E-04
610322.43	4206512.03	1794.01413	0.00032	0.65745	5.68431E-06	3.2071E-04
610329.43	4206512.03	1830.89367	0.00032	0.65920	5.69944E-06	3.2720E-04
610336.43	4206512.03	1869.18811	0.00033	0.66083	5.71353E-06	3.3394E-04
610343.43	4206512.03	1909.007	0.00034	0.66244	5.72745E-06	3.4094E-04
610350.43	4206512.03	1950.16538	0.00034	0.66398	5.74077E-06	3.4819E-04
610357.43	4206512.03	1992.44084	0.00035	0.66543	5.75330E-06	3.5562E-04
610364.43	4206512.03	2036.02899	0.00036	0.66681	5.76524E-06	3.6329E-04
610371.43	4206512.03	2081.02574	0.00037	0.66811	5.77648E-06	3.7120E-04
610378.43	4206512.03	2127.25203	0.00037	0.66934	5.78711E-06	3.7933E-04
610385.43	4206512.03	2174.95911	0.00038	0.67050	5.79714E-06	3.8772E-04
610392.43	4206512.03	2223.93524	0.00039	0.67157	5.80639E-06	3.9632E-04
610399.43	4206512.03	2274.49499	0.00040	0.67257	5.81504E-06	4.0521E-04
610406.43	4206512.03	2326.36645	0.00041	0.67348	5.82290E-06	4.1433E-04
610413.43	4206512.03	2380.15939	0.00042	0.67429	5.82991E-06	4.2378E-04
610420.43	4206512.03	2435.55472	0.00043	0.67499	5.83596E-06	4.3351E-04
610427.43	4206512.03	2492.45325	0.00044	0.67557	5.84097E-06	4.4351E-04
610434.43	4206512.03	2550.88785	0.00045	0.67605	5.84512E-06	4.5378E-04
610441.43	4206512.03	2610.8533	0.00046	0.67641	5.84824E-06	4.6431E-04
610448.43	4206512.03	2672.40799	0.00047	0.67667	5.85049E-06	4.7512E-04
610455.43	4206512.03	2735.5213	0.00048	0.67681	5.85170E-06	4.8620E-04
610462.43	4206512.03	2800.32381	0.00049	0.67685	5.85204E-06	4.9758E-04
610469.43	4206512.03	2866.79712	0.00050	0.67677	5.85135E-06	5.0925E-04
610497.43	4206512.03	3150.98203	0.00055	0.67539	5.83942E-06	5.5914E-04
610504.43	4206512.03	3227.2065	0.00057	0.67478	5.83414E-06	5.7252E-04
610511.43	4206512.03	3305.91846	0.00058	0.67405	5.82783E-06	5.8634E-04
610518.43	4206512.03	3387.35186	0.00059	0.67322	5.82066E-06	6.0063E-04
610525.43	4206512.03	3471.87633	0.00061	0.67227	5.81244E-06	6.1547E-04
610532.43	4206512.03	3559.8723	0.00063	0.67122	5.80336E-06	6.3091E-04
610539.43	4206512.03	3651.76041	0.00064	0.67005	5.79325E-06	6.4703E-04
610546.43	4206512.03	3748.16822	0.00066	0.66877	5.78218E-06	6.6395E-04
610553.43	4206512.03	3849.57313	0.00068	0.66738	5.77016E-06	6.8176E-04
610560.43	4206512.03	3957.48379	0.00069	0.66579	5.75642E-06	7.0068E-04
610567.43	4206512.03	4071.83139	0.00072	0.66410	5.74181E-06	7.2075E-04
610574.43	4206512.03	4193.50592	0.00074	0.66231	5.72633E-06	7.4210E-04
610581.43	4206512.03	4323.28626	0.00076	0.66041	5.70990E-06	7.6487E-04
610588.43	4206512.03	4462.06454	0.00078	0.65839	5.69244E-06	7.8922E-04
610595.43	4206512.03	4610.02465	0.00081	0.65629	5.67428E-06	8.1518E-04
610602.43	4206512.03	4767.87305	0.00084	0.65405	5.65491E-06	8.4288E-04
610609.43	4206512.03	4935.8804	0.00087	0.65170	5.63460E-06	8.7236E-04
610616.43	4206512.03	5114.49797	0.00090	0.64922	5.61315E-06	9.0371E-04
610623.43	4206512.03	5303.77983	0.00093	0.64658	5.59033E-06	9.3692E-04
610630.43	4206512.03	5505.02362	0.00097	0.64376	5.56595E-06	9.7224E-04
610637.43	4206512.03	5718.01336	0.00100	0.64076	5.54001E-06	1.0096E-03

610644.43	4206512.03	5942.4689	0.00104	0.63758	5.51251E-06	1.0490E-03
610651.43	4206512.03	6177.15549	0.00108	0.63422	5.48346E-06	1.0902E-03
610658.43	4206512.03	6423.1304	0.00113	0.63065	5.45260E-06	1.1333E-03
610665.43	4206512.03	6679.13159	0.00117	0.62688	5.42000E-06	1.1783E-03
610672.43	4206512.03	6946.66724	0.00122	0.62290	5.38559E-06	1.2252E-03
610679.43	4206512.03	7224.51352	0.00127	0.61874	5.34962E-06	1.2740E-03
610686.43	4206512.03	7513.7928	0.00132	0.61437	5.31184E-06	1.3247E-03
610693.43	4206512.03	7816.57923	0.00137	0.60979	5.27224E-06	1.3778E-03
610700.43	4206512.03	8131.04593	0.00143	0.60502	5.23100E-06	1.4330E-03
610707.43	4206512.03	8453.85025	0.00148	0.60004	5.18794E-06	1.4897E-03
610714.43	4206512.03	8787.98396	0.00154	0.59484	5.14298E-06	1.5483E-03
610721.43	4206512.03	9138.00904	0.00160	0.58939	5.09586E-06	1.6097E-03
610735.43	4206512.03	9880.4969	0.00173	0.57771	4.99488E-06	1.7400E-03
610742.43	4206512.03	10273.41966	0.00180	0.57145	4.94075E-06	1.8089E-03
610749.43	4206512.03	10685.44376	0.00188	0.56489	4.88404E-06	1.8812E-03
610756.43	4206512.03	11109.98844	0.00195	0.55802	4.82464E-06	1.9557E-03
610763.43	4206512.03	11554.30156	0.00203	0.55084	4.76256E-06	2.0337E-03
610770.43	4206512.03	11987.10255	0.00210	0.54335	4.69780E-06	2.1096E-03
610777.43	4206512.03	12431.2413	0.00218	0.53554	4.63028E-06	2.1875E-03
610784.43	4206512.03	12885.59308	0.00226	0.52742	4.56007E-06	2.2672E-03
610791.43	4206512.03	13348.98471	0.00234	0.51902	4.48744E-06	2.3485E-03
610798.43	4206512.03	13819.77337	0.00243	0.51036	4.41257E-06	2.4311E-03
610805.43	4206512.03	14296.1975	0.00251	0.50147	4.33571E-06	2.5147E-03
610812.43	4206512.03	14775.49115	0.00259	0.49236	4.25694E-06	2.5988E-03
610819.43	4206512.03	15255.77741	0.00268	0.48307	4.17662E-06	2.6831E-03
610826.43	4206512.03	15734.38246	0.00276	0.47364	4.09509E-06	2.7670E-03
610833.43	4206512.03	16208.72218	0.00285	0.46409	4.01252E-06	2.8502E-03
610840.43	4206512.03	16675.72735	0.00293	0.45445	3.92917E-06	2.9321E-03
610847.43	4206512.03	17132.83453	0.00301	0.44476	3.84539E-06	3.0123E-03
610854.43	4206512.03	17577.77255	0.00309	0.43506	3.76153E-06	3.0904E-03
610861.43	4206512.03	18007.28352	0.00316	0.42536	3.67766E-06	3.1657E-03
610868.43	4206512.03	18418.98819	0.00323	0.41569	3.59405E-06	3.2379E-03
610875.43	4206512.03	18810.77826	0.00330	0.40608	3.51097E-06	3.3066E-03
610882.43	4206512.03	19180.63983	0.00337	0.39653	3.42840E-06	3.3715E-03
610889.43	4206512.03	19526.73781	0.00343	0.38708	3.34669E-06	3.4322E-03
610910.43	4206512.03	20411.66969	0.00358	0.35944	3.10772E-06	3.5874E-03
610917.43	4206512.03	20653.01045	0.00363	0.35051	3.03051E-06	3.6297E-03
610924.43	4206512.03	20867.41477	0.00366	0.34174	2.95468E-06	3.6672E-03
610931.43	4206512.03	21054.6635	0.00370	0.33314	2.88033E-06	3.7000E-03
610938.43	4206512.03	21215.0338	0.00373	0.32471	2.80744E-06	3.7281E-03
610945.43	4206512.03	21348.76576	0.00375	0.31646	2.73611E-06	3.7515E-03
610952.43	4206512.03	21456.63637	0.00377	0.30839	2.66634E-06	3.7704E-03
610959.43	4206512.03	21539.27612	0.00378	0.30050	2.59812E-06	3.7848E-03
610966.43	4206512.03	21597.58163	0.00379	0.29281	2.53163E-06	3.7950E-03
610973.43	4206512.03	21632.53141	0.00380	0.28530	2.46670E-06	3.8011E-03
610980.43	4206512.03	21645.13738	0.00380	0.27798	2.40341E-06	3.8032E-03
610987.43	4206512.03	21636.34416	0.00380	0.27084	2.34168E-06	3.8016E-03
611008.43	4206512.03	21492.87534	0.00377	0.25056	2.16634E-06	3.7763E-03
611015.43	4206512.03	21409.51955	0.00376	0.24417	2.11109E-06	3.7616E-03
611022.43	4206512.03	21310.2606	0.00374	0.23795	2.05731E-06	3.7441E-03
611029.43	4206512.03	21196.19519	0.00372	0.23191	2.00509E-06	3.7240E-03
611036.43	4206512.03	21068.21667	0.00370	0.22604	1.95434E-06	3.7015E-03
611043.43	4206512.03	20927.50488	0.00367	0.22034	1.90506E-06	3.6767E-03
611050.43	4206512.03	20774.86499	0.00365	0.21481	1.85725E-06	3.6499E-03
611057.43	4206512.03	20611.27852	0.00362	0.20944	1.81082E-06	3.6211E-03
611062.21	4206511.92	20504.82582	0.00360	0.20583	1.77961E-06	3.6024E-03
611078.43	4206512.03	20064.10826	0.00352	0.19424	1.67940E-06	3.5249E-03
611085.43	4206512.03	19865.62872	0.00349	0.18948	1.63824E-06	3.4900E-03
611092.43	4206512.03	19660.2458	0.00345	0.18485	1.59821E-06	3.4539E-03
610294.43	4206519.03	1622.21182	0.00028	0.61747	5.33864E-06	2.9020E-04
610301.43	4206519.03	1653.95461	0.00029	0.61968	5.35775E-06	2.9579E-04
610308.43	4206519.03	1686.57707	0.00030	0.62184	5.37643E-06	3.0154E-04
610315.43	4206519.03	1720.19612	0.00030	0.62392	5.39441E-06	3.0746E-04
610322.43	4206519.03	1754.96719	0.00031	0.62587	5.41127E-06	3.1358E-04
610329.43	4206519.03	1790.69909	0.00031	0.62769	5.42700E-06	3.1987E-04
610336.43	4206519.03	1827.63604	0.00032	0.62937	5.44153E-06	3.2637E-04
610343.43	4206519.03	1866.1285	0.00033	0.63099	5.45554E-06	3.3314E-04
610350.43	4206519.03	1905.78219	0.00033	0.63253	5.46885E-06	3.4012E-04
610357.43	4206519.03	1946.50346	0.00034	0.63398	5.48139E-06	3.4728E-04
610364.43	4206519.03	1988.54818	0.00035	0.63537	5.49341E-06	3.5468E-04
610371.43	4206519.03	2031.70648	0.00036	0.63668	5.50473E-06	3.6227E-04
610378.43	4206519.03	2076.22316	0.00036	0.63793	5.51554E-06	3.7010E-04
610385.43	4206519.03	2121.99926	0.00037	0.63911	5.52574E-06	3.7814E-04
610392.43	4206519.03	2169.10928	0.00038	0.64020	5.53517E-06	3.8643E-04
610399.43	4206519.03	2217.38508	0.00039	0.64123	5.54407E-06	3.9491E-04
610406.43	4206519.03	2267.13969	0.00040	0.64218	5.55229E-06	4.0366E-04
610413.43	4206519.03	2318.66135	0.00041	0.64304	5.55972E-06	4.1271E-04
610420.43	4206519.03	2371.64042	0.00042	0.64380	5.56629E-06	4.2202E-04
610427.43	4206519.03	2425.98382	0.00043	0.64445	5.57191E-06	4.3157E-04
610434.43	4206519.03	2481.71473	0.00044	0.64500	5.57667E-06	4.4136E-04
610441.43	4206519.03	2538.86374	0.00045	0.64544	5.58047E-06	4.5140E-04
610448.43	4206519.03	2597.38219	0.00046	0.64577	5.58332E-06	4.6168E-04
610455.43	4206519.03	2657.42362	0.00047	0.64599	5.58523E-06	4.7222E-04
610462.43	4206519.03	2718.85082	0.00048	0.64612	5.58635E-06	4.8301E-04
610469.43	4206519.03	2781.88555	0.00049	0.64613	5.58644E-06	4.9408E-04
610497.43	4206519.03	3050.50628	0.00054	0.64514	5.57788E-06	5.4124E-04
610504.43	4206519.03	3122.51206	0.00055	0.64463	5.57347E-06	5.5388E-04
610511.43	4206519.03	3196.73371	0.00056	0.64402	5.56819E-06	5.6691E-04
610518.43	4206519.03	3273.56008	0.00057	0.64330	5.56197E-06	5.8039E-04
610525.43	4206519.03	3353.27046	0.00059	0.64248	5.55488E-06	5.9438E-04
610532.43	4206519.03	3436.25796	0.00060	0.64155	5.54684E-06	6.0895E-04
610539.43	4206519.03	3523.01351	0.00062	0.64052	5.53793E-06	6.2417E-04
610546.43	4206519.03	3613.94533	0.00063	0.63938	5.52808E-06	6.4013E-04
610553.43	4206519.03	3709.73123	0.00065	0.63813	5.51727E-06	6.5694E-04
610560.43	4206519.03	3811.51863	0.00067	0.63669	5.50482E-06	6.7480E-04
610567.43	4206519.03	3919.64576	0.00069	0.63514	5.49142E-06	6.9377E-04
610574.43	4206519.03	4034.65433	0.00071	0.63350	5.47724E-06	7.1395E-04
610581.43	4206519.03	4157.32365	0.00073	0.63176	5.46219E-06	7.3548E-04
610588.43	4206519.03	4288.2521	0.00075	0.62993	5.44637E-06	7.5845E-04
610595.43	4206519.03	4427.91909	0.00078	0.62799	5.42960E-06	7.8296E-04
610602.43	4206519.03	4576.82373	0.00080	0.62595	5.41196E-06	8.0909E-04
610609.43	4206519.03	4735.26385	0.00083	0.62380	5.39337E-06	8.3690E-04
610616.43	4206519.03	4903.47317	0.00086	0.62151	5.37357E-06	8.6641E-04
610623.43	4206519.03	5081.65618	0.00089	0.61910	5.35274E-06	8.9768E-04
610630.43	4206519.03	5270.04868	0.00093	0.61653	5.33052E-06	9.3074E-04
610637.43	4206519.03	5470.08525	0.00096	0.61378	5.30674E-06	9.6584E-04
610644.43	4206519.03	5679.6389	0.00100	0.61088	5.28167E-06	1.0026E-03
610651.43	4206519.03	5899.56817	0.00104	0.60779	5.25495E-06	1.0412E-03
610658.43	4206519.03	6128.36055	0.00108	0.60453	5.22676E-06	1.0814E-03
610665.43	4206519.03	6367.47326	0.00112	0.60109	5.19702E-06	1.1233E-03
610672.43	4206519.03	6615.37865	0.00116	0.59748	5.16581E-06	1.1668E-03
610679.43	4206519.03	6873.92526	0.00121	0.59369	5.13304E-06	1.2122E-03
610686.43	4206519.03	7141.68592	0.00125	0.58973	5.09880E-06	1.2592E-03
610693.43	4206519.03	7421.2953	0.00130	0.58557	5.06284E-06	1.3082E-03
610700.43	4206519.03	7710.9727	0.00135	0.58124	5.02540E-06	1.3591E-03
610707.43	4206519.03	8005.89599	0.00141	0.57674	4.98649E-06	1.4108E-03
610714.43	4206519.03	8311.9909	0.00146	0.57204	4.94586E-06	1.4645E-03
610721.43	4206519.03	8627.77344	0.00152	0.56714	4.90349E-06	1.5199E-03
610735.43	4206519.03	9301.61344	0.00163	0.55662	4.81253E-06	1.6382E-03
610742.43	4206519.03	9655.88701	0.00170	0.55100	4.76394E-06	1.7003E-03
610749.43	4206519.03	10026.9098	0.00176	0.54511	4.71302E-06	1.7654E-03
610756.43	4206519.03	10412.31773	0.00183	0.53895	4.65976E-06	1.8330E-03
610763.43	4206519.03	10808.364	0.00190	0.53251	4.60408E-06	1.9025E-03
610770.43	4206519.03	11201.59342	0.00197	0.52579	4.54598E-06	1.9715E-03
610777.43	4206519.03	11605.71977	0.00204	0.51877	4.48528E-06	2.0424E-03
610784.43	4206519.03	12020.19677	0.00211	0.51147	4.42217E-06	2.1151E-03
610791.43	4206519.03	12444.07161	0.00219	0.50390	4.35672E-06	2.1895E-03
610798.43	4206519.03	12876.03237	0.00226	0.49608	4.28911E-06	2.2653E-03
610805.43	4206519.03	13314.61629	0.00234	0.48803	4.21950E-06	2.3422E-03
610812.43	4206519.03	13757.68384	0.00242	0.47976	4.14800E-06	2.4200E-03
610819.43	4206519.03	14203.54198	0.00249	0.47131	4.07494E-06	2.4982E-03
610826.43	4206519.03	14649.84938	0.00257	0.46269	4.00042E-06	2.5765E-03
610833.43	4206519.03	15094.45547	0.00265	0.45395	3.92485E-06	2.6545E-03
610840.43	4206519.03	15534.75311	0.00273	0.44509	3.84825E-06	2.7317E-03
610847.43	4206519.03	15968.1992	0.00280	0.43616	3.77104E-06	2.8078E-03
610854.43	4206519.03	16392.65989	0.00288	0.42719	3.69348E-06	2.8822E-03
610861.43	4206519.03	16805.49596	0.00295	0.41819	3.61567E-06	2.9546E-03
610868.43	4206519.03	17203.89155	0.00302	0.40919	3.53785E-06	3.0245E-03
610875.43	4206519.03	17585.97751	0.00309	0.40021	3.46021E-06	3.0915E-03
610882.43	4206519.03	17949.9554	0.00315	0.39128	3.38300E-06	3.1554E-03
610889.43	4206519.03	18293.83876	0.00321	0.38240	3.30623E-06	3.2157E-03
610910.43	4206519.03	19192.45393	0.00337	0.35630	3.08057E-06	3.3732E-03
610917.43	4206519.03	19444.57998	0.00341	0.34782	3.00725E-06	3.4174E-03
610924.43	4206519.03	19672.33985	0.00345	0.33947	2.93506E-06	3.4574E-03
610931.43	4206519.03	19875.67447	0.00349	0.33126	2.86407E-06	3.4930E-03
610938.43	4206519.03	20054.07707	0.00352	0.32320	2.79439E-06	3.5242E-03
610945.43	4206519.03	20208.04272	0.00355	0.31529	2.72600E-06	3.5512E-03
610952.43	4206519.03	20337.76689	0.00357	0.30754	2.65899E-06	3.5739E-03
610959.43	4206519.03	20443.85216	0.00359	0.29994	2.59328E-06	3.5925E-03

610966.43	4206519.03	20526.98657	0.00360	0.29251	2.52904E-06	3.6070E-03
610973.43	4206519.03	20587.77713	0.00362	0.28525	2.46627E-06	3.6176E-03
610980.43	4206519.03	20626.9642	0.00362	0.27816	2.40497E-06	3.6245E-03
610987.43	4206519.03	20645.56313	0.00363	0.27123	2.34505E-06	3.6277E-03
611008.43	4206519.03	20586.55025	0.00361	0.25146	2.17412E-06	3.6171E-03
611015.43	4206519.03	20531.84803	0.00361	0.24521	2.12008E-06	3.6075E-03
611022.43	4206519.03	20461.16702	0.00359	0.23912	2.06743E-06	3.5950E-03
611029.43	4206519.03	20375.55539	0.00358	0.23320	2.01625E-06	3.5799E-03
611036.43	4206519.03	20275.91865	0.00356	0.22743	1.96636E-06	3.5624E-03
611043.43	4206519.03	20163.16477	0.00354	0.22182	1.91785E-06	3.5425E-03
611050.43	4206519.03	20038.182	0.00352	0.21637	1.87073E-06	3.5205E-03
611057.43	4206519.03	19901.90264	0.00349	0.21107	1.82491E-06	3.4966E-03
611062.21	4206518.92	19813.49831	0.00348	0.20751	1.79413E-06	3.4810E-03
611078.43	4206519.03	19433.50286	0.00341	0.19604	1.69496E-06	3.4142E-03
611085.43	4206519.03	19260.13835	0.00338	0.19132	1.65415E-06	3.3837E-03
611092.43	4206519.03	19079.42641	0.00335	0.18672	1.61438E-06	3.3519E-03
610294.43	4206526.03	1588.63587	0.00028	0.58795	5.08341E-06	2.8404E-04
610301.43	4206526.03	1619.37102	0.00028	0.59017	5.10261E-06	2.8946E-04
610308.43	4206526.03	1651.0103	0.00029	0.59231	5.12111E-06	2.9503E-04
610315.43	4206526.03	1683.73326	0.00030	0.59436	5.13883E-06	3.0080E-04
610322.43	4206526.03	1717.32475	0.00030	0.59635	5.15604E-06	3.0671E-04
610329.43	4206526.03	1751.9342	0.00031	0.59821	5.17212E-06	3.1281E-04
610336.43	4206526.03	1787.7803	0.00031	0.59995	5.18716E-06	3.1912E-04
610343.43	4206526.03	1824.82093	0.00032	0.60159	5.20134E-06	3.2564E-04
610350.43	4206526.03	1863.0294	0.00033	0.60313	5.21466E-06	3.3236E-04
610357.43	4206526.03	1902.35921	0.00033	0.60460	5.22737E-06	3.3928E-04
610364.43	4206526.03	1942.81896	0.00034	0.60600	5.23947E-06	3.4639E-04
610371.43	4206526.03	1984.41975	0.00035	0.60733	5.25097E-06	3.5371E-04
610378.43	4206526.03	2027.16987	0.00036	0.60859	5.26187E-06	3.6123E-04
610385.43	4206526.03	2071.14603	0.00036	0.60978	5.27215E-06	3.6896E-04
610392.43	4206526.03	2116.29026	0.00037	0.61090	5.28184E-06	3.7690E-04
610399.43	4206526.03	2162.67197	0.00038	0.61195	5.29092E-06	3.8505E-04
610406.43	4206526.03	2210.26611	0.00039	0.61292	5.29930E-06	3.9342E-04
610413.43	4206526.03	2259.61216	0.00040	0.61383	5.30717E-06	4.0209E-04
610420.43	4206526.03	2310.25476	0.00041	0.61465	5.31426E-06	4.1099E-04
610427.43	4206526.03	2362.18431	0.00041	0.61536	5.32040E-06	4.2011E-04
610434.43	4206526.03	2415.32948	0.00042	0.61597	5.32567E-06	4.2945E-04
610441.43	4206526.03	2469.74385	0.00043	0.61648	5.33008E-06	4.3901E-04
610448.43	4206526.03	2525.46334	0.00044	0.61689	5.33363E-06	4.4880E-04
610455.43	4206526.03	2582.43628	0.00045	0.61719	5.33622E-06	4.5881E-04
610462.43	4206526.03	2640.82832	0.00046	0.61739	5.33795E-06	4.6906E-04
610469.43	4206526.03	2700.49244	0.00047	0.61749	5.33882E-06	4.7954E-04
610497.43	4206526.03	2954.60717	0.00052	0.61687	5.33345E-06	5.2416E-04
610504.43	4206526.03	3022.54918	0.00053	0.61647	5.33000E-06	5.3608E-04
610511.43	4206526.03	3092.64743	0.00054	0.61596	5.32559E-06	5.4839E-04
610518.43	4206526.03	3165.19397	0.00056	0.61535	5.32031E-06	5.6112E-04
610525.43	4206526.03	3240.45728	0.00057	0.61465	5.31426E-06	5.7433E-04
610532.43	4206526.03	3318.84631	0.00058	0.61384	5.30726E-06	5.8809E-04
610539.43	4206526.03	3400.73964	0.00060	0.61293	5.29939E-06	6.0246E-04
610546.43	4206526.03	3486.72072	0.00061	0.61193	5.29074E-06	6.1755E-04
610553.43	4206526.03	3577.23646	0.00063	0.61082	5.28115E-06	6.3344E-04
610560.43	4206526.03	3673.54348	0.00065	0.60951	5.26982E-06	6.5034E-04
610567.43	4206526.03	3775.94429	0.00066	0.60810	5.25763E-06	6.6831E-04
610574.43	4206526.03	3884.88041	0.00068	0.60659	5.24457E-06	6.8742E-04
610581.43	4206526.03	4000.82729	0.00070	0.60502	5.23100E-06	7.0777E-04
610588.43	4206526.03	4124.71668	0.00072	0.60333	5.21639E-06	7.2951E-04
610595.43	4206526.03	4256.88367	0.00075	0.60156	5.20108E-06	7.5270E-04
610602.43	4206526.03	4397.41109	0.00077	0.59970	5.18500E-06	7.7736E-04
610609.43	4206526.03	4547.00306	0.00080	0.59772	5.16788E-06	8.0361E-04
610616.43	4206526.03	4705.42824	0.00083	0.59564	5.14990E-06	8.3141E-04
610623.43	4206526.03	4873.37337	0.00086	0.59343	5.13079E-06	8.6088E-04
610630.43	4206526.03	5050.94663	0.00089	0.59108	5.11047E-06	8.9205E-04
610637.43	4206526.03	5238.82451	0.00092	0.58856	5.08869E-06	9.2501E-04
610644.43	4206526.03	5435.33401	0.00095	0.58590	5.06569E-06	9.5950E-04
610651.43	4206526.03	5641.25769	0.00099	0.58307	5.04122E-06	9.9563E-04
610658.43	4206526.03	5855.21979	0.00103	0.58010	5.01554E-06	1.0332E-03
610665.43	4206526.03	6077.58722	0.00107	0.57698	4.98857E-06	1.0722E-03
610672.43	4206526.03	6309.3953	0.00111	0.57368	4.96003E-06	1.1129E-03
610679.43	4206526.03	6548.85858	0.00115	0.57024	4.93029E-06	1.1549E-03
610686.43	4206526.03	6798.22069	0.00119	0.56662	4.89899E-06	1.1987E-03
610693.43	4206526.03	7055.88501	0.00124	0.56285	4.86640E-06	1.2439E-03
610700.43	4206526.03	7324.71439	0.00129	0.55891	4.83233E-06	1.2910E-03
610707.43	4206526.03	7594.85946	0.00133	0.55484	4.79714E-06	1.3384E-03
610714.43	4206526.03	7874.3055	0.00138	0.55059	4.76040E-06	1.3875E-03
610721.43	4206526.03	8163.68723	0.00143	0.54615	4.72201E-06	1.4382E-03
610735.43	4206526.03	8774.83563	0.00154	0.53667	4.64005E-06	1.5455E-03
610742.43	4206526.03	9097.71888	0.00160	0.53160	4.59621E-06	1.6021E-03
610749.43	4206526.03	9432.78642	0.00166	0.52630	4.55039E-06	1.6609E-03
610756.43	4206526.03	9780.41968	0.00172	0.52077	4.50257E-06	1.7219E-03
610763.43	4206526.03	10133.82092	0.00178	0.51498	4.45251E-06	1.7839E-03
610770.43	4206526.03	10491.56561	0.00184	0.50893	4.40021E-06	1.8467E-03
610777.43	4206526.03	10859.72744	0.00191	0.50261	4.34556E-06	1.9113E-03
610784.43	4206526.03	11238.06037	0.00197	0.49603	4.28867E-06	1.9777E-03
610791.43	4206526.03	11625.74007	0.00204	0.48920	4.22962E-06	2.0457E-03
610798.43	4206526.03	12021.9915	0.00211	0.48213	4.16849E-06	2.1152E-03
610805.43	4206526.03	12425.58285	0.00218	0.47484	4.10546E-06	2.1860E-03
610812.43	4206526.03	12834.65656	0.00225	0.46733	4.04053E-06	2.2578E-03
610819.43	4206526.03	13247.97522	0.00233	0.45964	3.97405E-06	2.3303E-03
610924.43	4206526.03	18547.29039	0.00326	0.33681	2.91206E-06	3.2598E-03
610931.43	4206526.03	18762.57213	0.00329	0.32899	2.84445E-06	3.2975E-03
610938.43	4206526.03	18955.30279	0.00333	0.32130	2.77796E-06	3.3313E-03
610945.43	4206526.03	19125.444	0.00336	0.31373	2.71251E-06	3.3611E-03
610952.43	4206526.03	19273.12465	0.00338	0.30630	2.64827E-06	3.3870E-03
610959.43	4206526.03	19398.79079	0.00341	0.29900	2.58515E-06	3.4090E-03
610966.43	4206526.03	19502.78843	0.00342	0.29184	2.52325E-06	3.4272E-03
610973.43	4206526.03	19585.57988	0.00344	0.28484	2.46273E-06	3.4416E-03
610980.43	4206526.03	19647.94837	0.00345	0.27798	2.40341E-06	3.4525E-03
610987.43	4206526.03	19690.42927	0.00346	0.27127	2.34540E-06	3.4599E-03
611008.43	4206526.03	19706.86759	0.00346	0.25205	2.17922E-06	3.4627E-03
611015.43	4206526.03	19677.95019	0.00346	0.24595	2.12648E-06	3.4575E-03
611022.43	4206526.03	19633.20731	0.00345	0.24000	2.07504E-06	3.4496E-03
611029.43	4206526.03	19573.53937	0.00344	0.23420	2.02489E-06	3.4391E-03
611036.43	4206526.03	19499.83709	0.00342	0.22855	1.97604E-06	3.4261E-03
611043.43	4206526.03	19412.82841	0.00341	0.22304	1.92840E-06	3.4108E-03
611050.43	4206526.03	19313.51291	0.00339	0.21768	1.88206E-06	3.3933E-03
611057.43	4206526.03	19202.58784	0.00337	0.21246	1.83693E-06	3.3738E-03
611062.21	4206525.92	19131.27296	0.00336	0.20896	1.80667E-06	3.3612E-03
611078.43	4206526.03	18808.09312	0.00330	0.19763	1.70871E-06	3.3044E-03
611085.43	4206526.03	18658.50701	0.00328	0.19295	1.66824E-06	3.2781E-03
611092.43	4206526.03	18501.09283	0.00325	0.18841	1.62899E-06	3.2504E-03
610294.43	4206533.03	1556.26098	0.00027	0.56037	4.84496E-06	2.7812E-04
610301.43	4206533.03	1586.07669	0.00028	0.56256	4.86389E-06	2.8338E-04
610308.43	4206533.03	1616.91134	0.00028	0.56467	4.88213E-06	2.8881E-04
610315.43	4206533.03	1648.54496	0.00029	0.56672	4.89986E-06	2.9438E-04
610322.43	4206533.03	1681.09937	0.00030	0.56871	4.91706E-06	3.0011E-04
610329.43	4206533.03	1714.72178	0.00030	0.57060	4.93340E-06	3.0603E-04
610336.43	4206533.03	1749.34627	0.00031	0.57237	4.94871E-06	3.1213E-04
610343.43	4206533.03	1785.16013	0.00031	0.57405	4.96323E-06	3.1843E-04
610350.43	4206533.03	1822.00018	0.00032	0.57562	4.97681E-06	3.2492E-04
610357.43	4206533.03	1859.87493	0.00033	0.57710	4.98960E-06	3.3158E-04
610364.43	4206533.03	1898.91886	0.00033	0.57852	5.00188E-06	3.3845E-04
610371.43	4206533.03	1938.88988	0.00034	0.57985	5.01338E-06	3.4548E-04
610378.43	4206533.03	1980.01474	0.00035	0.58112	5.02436E-06	3.5271E-04
610385.43	4206533.03	2022.20118	0.00036	0.58232	5.03474E-06	3.6013E-04
610392.43	4206533.03	2065.58148	0.00036	0.58346	5.04459E-06	3.6776E-04
610399.43	4206533.03	2110.0328	0.00037	0.58453	5.05384E-06	3.7557E-04
610406.43	4206533.03	2155.58986	0.00038	0.58553	5.06249E-06	3.8358E-04
610413.43	4206533.03	2202.82311	0.00039	0.58648	5.07070E-06	3.9188E-04
610420.43	4206533.03	2251.28078	0.00040	0.58735	5.07823E-06	4.0040E-04
610427.43	4206533.03	2300.82172	0.00040	0.58811	5.08480E-06	4.0910E-04
610434.43	4206533.03	2351.54781	0.00041	0.58878	5.09059E-06	4.1802E-04
610441.43	4206533.03	2403.36455	0.00042	0.58936	5.09560E-06	4.2712E-04
610448.43	4206533.03	2456.36182	0.00043	0.58983	5.09967E-06	4.3643E-04
610455.43	4206533.03	2510.53537	0.00044	0.59021	5.10295E-06	4.4595E-04
610462.43	4206533.03	2565.87388	0.00045	0.59048	5.10529E-06	4.5567E-04
610469.43	4206533.03	2622.50563	0.00046	0.59066	5.10684E-06	4.6561E-04
610497.43	4206533.03	2862.95547	0.00050	0.59040	5.10460E-06	5.0783E-04
610504.43	4206533.03	2927.11459	0.00051	0.59009	5.10192E-06	5.1910E-04
610511.43	4206533.03	2993.38447	0.00053	0.58969	5.09846E-06	5.3073E-04
610518.43	4206533.03	3061.91657	0.00054	0.58919	5.09413E-06	5.4276E-04
610525.43	4206533.03	3133.07064	0.00055	0.58859	5.08895E-06	5.5525E-04
610532.43	4206533.03	3207.16208	0.00056	0.58790	5.08298E-06	5.6825E-04
610539.43	4206533.03	3284.62543	0.00058	0.58711	5.07615E-06	5.8185E-04
610546.43	4206533.03	3365.94621	0.00059	0.58623	5.06854E-06	5.9612E-04
610553.43	4206533.03	3451.65908	0.00061	0.58526	5.06016E-06	6.1116E-04
610560.43	4206533.03	3542.96668	0.00062	0.58407	5.04987E-06	6.2719E-04
610567.43	4206533.03	3639.91183	0.00064	0.58280	5.03889E-06	6.4420E-04
610574.43	4206533.03	3743.18716	0.00066	0.58142	5.02695E-06	6.6232E-04
610581.43	4206533.03	3853.13076	0.00068	0.57999	5.01459E-06	6.8162E-04

610588.43	4206533.03	3970.56872	0.00070	0.57844	5.00119E-06	7.0222E-04
610595.43	4206533.03	4095.54597	0.00072	0.57683	4.98727E-06	7.2416E-04
610602.43	4206533.03	4228.58	0.00074	0.57513	4.97257E-06	7.4750E-04
610609.43	4206533.03	4370.12822	0.00077	0.57331	4.95684E-06	7.7234E-04
610616.43	4206533.03	4519.93264	0.00079	0.57141	4.94041E-06	7.9863E-04
610623.43	4206533.03	4678.25249	0.00082	0.56939	4.92294E-06	8.2641E-04
610630.43	4206533.03	4845.80711	0.00085	0.56724	4.90435E-06	8.5582E-04
610637.43	4206533.03	5022.10911	0.00088	0.56494	4.88447E-06	8.8676E-04
610644.43	4206533.03	5207.26337	0.00091	0.56249	4.86329E-06	9.1925E-04
610651.43	4206533.03	5399.83649	0.00095	0.55992	4.84107E-06	9.5304E-04
610658.43	4206533.03	5600.92298	0.00098	0.55720	4.81755E-06	9.8833E-04
610665.43	4206533.03	5808.93631	0.00102	0.55435	4.79291E-06	1.0248E-03
610672.43	4206533.03	6025.27405	0.00106	0.55135	4.76697E-06	1.0628E-03
610679.43	4206533.03	6248.45261	0.00110	0.54821	4.73982E-06	1.1020E-03
610686.43	4206533.03	6480.43125	0.00114	0.54491	4.71129E-06	1.1427E-03
610693.43	4206533.03	6719.5762	0.00118	0.54148	4.68163E-06	1.1846E-03
610700.43	4206533.03	6967.2403	0.00122	0.53790	4.65068E-06	1.2281E-03
610707.43	4206533.03	7216.60733	0.00127	0.53420	4.61869E-06	1.2718E-03
610714.43	4206533.03	7472.42012	0.00131	0.53035	4.58540E-06	1.3167E-03
610721.43	4206533.03	7736.4986	0.00136	0.52633	4.55065E-06	1.3631E-03
610735.43	4206533.03	8294.02801	0.00146	0.51776	4.47655E-06	1.4609E-03
610742.43	4206533.03	8586.56855	0.00151	0.51319	4.43704E-06	1.5122E-03
610749.43	4206533.03	8889.52297	0.00156	0.50841	4.39571E-06	1.5654E-03
610756.43	4206533.03	9206.28771	0.00162	0.50342	4.35257E-06	1.6210E-03
610763.43	4206533.03	9522.035	0.00167	0.49820	4.30743E-06	1.6764E-03
610770.43	4206533.03	9847.92028	0.00173	0.49275	4.26031E-06	1.7335E-03
611001.43	4206533.03	18844.35726	0.00331	0.25841	2.23421E-06	3.3113E-03
611008.43	4206533.03	18854.79589	0.00331	0.25233	2.18164E-06	3.3130E-03
611015.43	4206533.03	18848.96068	0.00331	0.24639	2.13029E-06	3.3120E-03
611022.43	4206533.03	18827.64686	0.00331	0.24059	2.08014E-06	3.3082E-03
611029.43	4206533.03	18791.60396	0.00330	0.23492	2.03112E-06	3.3018E-03
611036.43	4206533.03	18741.52402	0.00329	0.22939	1.98330E-06	3.2930E-03
611043.43	4206533.03	18678.33172	0.00328	0.22400	1.93670E-06	3.2818E-03
611050.43	4206533.03	18602.58102	0.00327	0.21874	1.89122E-06	3.2685E-03
611057.43	4206533.03	18515.05792	0.00325	0.21361	1.84687E-06	3.2530E-03
611062.21	4206532.92	18459.4396	0.00324	0.21017	1.81713E-06	3.2433E-03
611078.43	4206533.03	18189.46633	0.00319	0.19901	1.72064E-06	3.1958E-03
611085.43	4206533.03	18062.28876	0.00317	0.19439	1.68069E-06	3.1734E-03
611092.43	4206533.03	17926.762	0.00315	0.18989	1.64179E-06	3.1495E-03
610294.43	4206540.03	1525.15636	0.00027	0.53452	4.62146E-06	2.7244E-04
610301.43	4206540.03	1554.12537	0.00027	0.53668	4.64013E-06	2.7754E-04
610308.43	4206540.03	1583.96131	0.00028	0.53878	4.65829E-06	2.8280E-04
610315.43	4206540.03	1614.74187	0.00028	0.54081	4.67584E-06	2.8822E-04
610322.43	4206540.03	1646.31965	0.00029	0.54278	4.69287E-06	2.9378E-04
610329.43	4206540.03	1678.8197	0.00029	0.54468	4.70930E-06	2.9951E-04
610336.43	4206540.03	1712.30792	0.00030	0.54649	4.72495E-06	3.0540E-04
610343.43	4206540.03	1746.95184	0.00031	0.54819	4.73965E-06	3.1150E-04
610350.43	4206540.03	1782.47297	0.00031	0.54980	4.75357E-06	3.1775E-04
610357.43	4206540.03	1818.9664	0.00032	0.55130	4.76654E-06	3.2417E-04
610364.43	4206540.03	1856.50956	0.00033	0.55272	4.77881E-06	3.3078E-04
610371.43	4206540.03	1895.00705	0.00033	0.55406	4.79040E-06	3.3755E-04
610378.43	4206540.03	1934.57242	0.00034	0.55535	4.80155E-06	3.4451E-04
610385.43	4206540.03	1975.17713	0.00035	0.55657	4.81210E-06	3.5165E-04
610392.43	4206540.03	2016.72877	0.00035	0.55772	4.82204E-06	3.5896E-04
610399.43	4206540.03	2059.34924	0.00036	0.55880	4.83138E-06	3.6645E-04
610406.43	4206540.03	2102.97488	0.00037	0.55982	4.84020E-06	3.7412E-04
610413.43	4206540.03	2148.16973	0.00038	0.56081	4.84876E-06	3.8206E-04
610420.43	4206540.03	2194.48058	0.00039	0.56172	4.85663E-06	3.9020E-04
610427.43	4206540.03	2241.83214	0.00039	0.56254	4.86372E-06	3.9852E-04
610434.43	4206540.03	2290.13802	0.00040	0.56327	4.87003E-06	4.0701E-04
610441.43	4206540.03	2339.55992	0.00041	0.56390	4.87548E-06	4.1570E-04
610448.43	4206540.03	2389.91875	0.00042	0.56444	4.88015E-06	4.2454E-04
610455.43	4206540.03	2441.41966	0.00043	0.56488	4.88395E-06	4.3359E-04
610462.43	4206540.03	2493.94876	0.00044	0.56523	4.88698E-06	4.4282E-04
610469.43	4206540.03	2547.61243	0.00045	0.56548	4.88914E-06	4.5224E-04
610497.43	4206540.03	2775.19721	0.00049	0.56555	4.88974E-06	4.9221E-04
610504.43	4206540.03	2835.9443	0.00050	0.56534	4.88793E-06	5.0287E-04
610511.43	4206540.03	2898.60798	0.00051	0.56503	4.88525E-06	5.1387E-04
610518.43	4206540.03	2963.42246	0.00052	0.56463	4.88179E-06	5.2525E-04
610525.43	4206540.03	3030.7239	0.00053	0.56414	4.87755E-06	5.3707E-04
610532.43	4206540.03	3100.86264	0.00054	0.56356	4.87254E-06	5.4938E-04
610539.43	4206540.03	3174.23704	0.00056	0.56289	4.86674E-06	5.6226E-04
610546.43	4206540.03	3251.30468	0.00057	0.56213	4.86017E-06	5.7578E-04
610553.43	4206540.03	3332.47775	0.00059	0.56128	4.85282E-06	5.9003E-04
610560.43	4206540.03	3419.14492	0.00060	0.56021	4.84357E-06	6.0524E-04
610567.43	4206540.03	3511.25386	0.00062	0.55906	4.83363E-06	6.2140E-04
610574.43	4206540.03	3609.19833	0.00063	0.55782	4.82291E-06	6.3859E-04
610581.43	4206540.03	3713.58617	0.00065	0.55651	4.81158E-06	6.5691E-04
610588.43	4206540.03	3824.87617	0.00067	0.55511	4.79948E-06	6.7644E-04
610595.43	4206540.03	3943.41385	0.00069	0.55364	4.78677E-06	6.9724E-04
610602.43	4206540.03	4069.5683	0.00071	0.55207	4.77319E-06	7.1938E-04
610609.43	4206540.03	4203.49951	0.00074	0.55042	4.75893E-06	7.4288E-04
610616.43	4206540.03	4345.31236	0.00076	0.54868	4.74388E-06	7.6777E-04
610623.43	4206540.03	4495.13087	0.00079	0.54683	4.72789E-06	7.9406E-04
610630.43	4206540.03	4653.57489	0.00082	0.54485	4.71077E-06	8.2187E-04
610637.43	4206540.03	4819.68755	0.00085	0.54275	4.69261E-06	8.5102E-04
610644.43	4206540.03	4993.4511	0.00088	0.54053	4.67342E-06	8.8151E-04
610651.43	4206540.03	5174.95306	0.00091	0.53817	4.65302E-06	9.1336E-04
610658.43	4206540.03	5362.99932	0.00094	0.53570	4.63166E-06	9.4636E-04
610665.43	4206540.03	5558.5893	0.00098	0.53309	4.60909E-06	9.8069E-04
610672.43	4206540.03	5760.18489	0.00101	0.53035	4.58540E-06	1.0161E-03
610679.43	4206540.03	5969.34476	0.00105	0.52748	4.56059E-06	1.0528E-03
610686.43	4206540.03	6184.62217	0.00109	0.52448	4.53465E-06	1.0905E-03
610693.43	4206540.03	6408.14067	0.00113	0.52135	4.50759E-06	1.1298E-03
610700.43	4206540.03	6638.07456	0.00117	0.51808	4.47932E-06	1.1701E-03
610707.43	4206540.03	6867.58926	0.00121	0.51473	4.45035E-06	1.2104E-03
610714.43	4206540.03	7102.31461	0.00125	0.51124	4.42018E-06	1.2516E-03
610735.43	4206540.03	7853.79126	0.00138	0.49982	4.32144E-06	1.3834E-03
610742.43	4206540.03	8119.37461	0.00143	0.49569	4.28573E-06	1.4300E-03
610749.43	4206540.03	8396.33846	0.00147	0.49137	4.24838E-06	1.4786E-03
610812.43	4206540.03	11233.58798	0.00197	0.44313	3.83130E-06	1.9764E-03
610819.43	4206540.03	11587.69459	0.00203	0.43675	3.77614E-06	2.0385E-03
610826.43	4206540.03	11946.4054	0.00210	0.43020	3.71951E-06	2.1015E-03
610833.43	4206540.03	12308.13829	0.00216	0.42349	3.66149E-06	2.1649E-03
610840.43	4206540.03	12671.44291	0.00223	0.41665	3.60235E-06	2.2287E-03
610847.43	4206540.03	13034.26368	0.00229	0.40969	3.54218E-06	2.2923E-03
610854.43	4206540.03	13395.12226	0.00235	0.40263	3.48114E-06	2.3556E-03
610910.43	4206540.03	15985.40837	0.00281	0.34474	2.98062E-06	2.8100E-03
610917.43	4206540.03	16248.84254	0.00285	0.33757	2.91863E-06	2.8562E-03
610924.43	4206540.03	16495.79635	0.00290	0.33045	2.85707E-06	2.8995E-03
610931.43	4206540.03	16725.07887	0.00294	0.32341	2.79620E-06	2.9397E-03
610938.43	4206540.03	16935.97296	0.00297	0.31644	2.73594E-06	2.9767E-03
610945.43	4206540.03	17128.38397	0.00301	0.30956	2.67645E-06	3.0104E-03
610952.43	4206540.03	17301.86892	0.00304	0.30276	2.61766E-06	3.0408E-03
611001.43	4206540.03	18000.71369	0.00316	0.25821	2.23248E-06	3.1631E-03
611008.43	4206540.03	18031.18426	0.00317	0.25231	2.18147E-06	3.1684E-03
611015.43	4206540.03	18046.07619	0.00317	0.24654	2.13158E-06	3.1710E-03
611022.43	4206540.03	18045.78013	0.00317	0.24090	2.08282E-06	3.1709E-03
611029.43	4206540.03	18030.9783	0.00317	0.23537	2.03501E-06	3.1682E-03
611036.43	4206540.03	18002.44454	0.00316	0.22998	1.98841E-06	3.1632E-03
611043.43	4206540.03	17960.75994	0.00315	0.22471	1.94284E-06	3.1558E-03
611050.43	4206540.03	17906.60981	0.00314	0.21956	1.89831E-06	3.1463E-03
611057.43	4206540.03	17840.76557	0.00313	0.21453	1.85483E-06	3.1347E-03
611062.21	4206539.92	17799.58006	0.00313	0.21115	1.82560E-06	3.1274E-03
611078.43	4206540.03	17579.2567	0.00309	0.20018	1.73076E-06	3.0886E-03
611085.43	4206540.03	17472.87999	0.00307	0.19563	1.69142E-06	3.0699E-03
611092.43	4206540.03	17358.13714	0.00305	0.19119	1.65303E-06	3.0497E-03
610294.43	4206547.03	1495.06507	0.00026	0.51026	4.41171E-06	2.6694E-04
610301.43	4206547.03	1523.24489	0.00027	0.51240	4.43021E-06	2.7191E-04
610308.43	4206547.03	1552.29056	0.00027	0.51446	4.44802E-06	2.7703E-04
610315.43	4206547.03	1582.07737	0.00028	0.51649	4.46557E-06	2.8227E-04
610322.43	4206547.03	1612.69483	0.00028	0.51844	4.48243E-06	2.8767E-04
610329.43	4206547.03	1644.25957	0.00029	0.52033	4.49877E-06	2.9323E-04
610336.43	4206547.03	1676.61105	0.00029	0.52216	4.51459E-06	2.9892E-04
610343.43	4206547.03	1710.04903	0.00030	0.52389	4.52955E-06	3.0481E-04
610350.43	4206547.03	1744.36205	0.00031	0.52552	4.54364E-06	3.1085E-04
610357.43	4206547.03	1779.59089	0.00031	0.52706	4.55696E-06	3.1705E-04
610364.43	4206547.03	1815.66772	0.00032	0.52849	4.56932E-06	3.2340E-04
610371.43	4206547.03	1852.7519	0.00033	0.52984	4.58099E-06	3.2992E-04
610378.43	4206547.03	1890.78634	0.00033	0.53113	4.59215E-06	3.3661E-04
610385.43	4206547.03	1929.75375	0.00034	0.53236	4.60278E-06	3.4346E-04
610392.43	4206547.03	1969.65051	0.00035	0.53353	4.61290E-06	3.5048E-04
610399.43	4206547.03	2010.46571	0.00035	0.53461	4.62224E-06	3.5766E-04
610406.43	4206547.03	2052.2315	0.00036	0.53565	4.63123E-06	3.6500E-04
610413.43	4206547.03	2095.53009	0.00037	0.53668	4.64013E-06	3.7261E-04
610420.43	4206547.03	2139.79953	0.00038	0.53764	4.64843E-06	3.8039E-04
610427.43	4206547.03	2184.95487	0.00038	0.53850	4.65587E-06	3.8833E-04
610434.43	4206547.03	2231.08267	0.00039	0.53928	4.66261E-06	3.9644E-04
610441.43	4206547.03	2278.04728	0.00040	0.53996	4.66849E-06	4.0469E-04

610448.43	4206547.03	2326.05993	0.00041	0.54056	4.67368E-06	4.1312E-04
610455.43	4206547.03	2374.91397	0.00042	0.54106	4.67800E-06	4.2171E-04
610462.43	4206547.03	2424.82534	0.00043	0.54148	4.68163E-06	4.3048E-04
610469.43	4206547.03	2475.72438	0.00043	0.54180	4.68440E-06	4.3942E-04
610497.43	4206547.03	2691.2441	0.00047	0.54219	4.68777E-06	4.7726E-04
610504.43	4206547.03	2748.69647	0.00048	0.54206	4.68665E-06	4.8735E-04
610511.43	4206547.03	2808.00779	0.00049	0.54185	4.68483E-06	4.9776E-04
610518.43	4206547.03	2869.41144	0.00050	0.54154	4.68215E-06	5.0854E-04
610525.43	4206547.03	2933.18095	0.00052	0.54115	4.67878E-06	5.1974E-04
610532.43	4206547.03	2999.62668	0.00053	0.54067	4.67463E-06	5.3140E-04
610539.43	4206547.03	3069.20109	0.00054	0.54011	4.66979E-06	5.4361E-04
610546.43	4206547.03	3142.26165	0.00055	0.53947	4.66425E-06	5.5644E-04
610553.43	4206547.03	3219.32652	0.00057	0.53873	4.65786E-06	5.6996E-04
610560.43	4206547.03	3301.57446	0.00058	0.53779	4.64973E-06	5.8440E-04
610567.43	4206547.03	3389.12879	0.00060	0.53676	4.64082E-06	5.9976E-04
610574.43	4206547.03	3482.27845	0.00061	0.53564	4.63114E-06	6.1611E-04
610581.43	4206547.03	3581.56996	0.00063	0.53444	4.62077E-06	6.3354E-04
610588.43	4206547.03	3687.37161	0.00065	0.53317	4.60979E-06	6.5210E-04
610595.43	4206547.03	3800.0217	0.00067	0.53182	4.59811E-06	6.7187E-04
610602.43	4206547.03	3919.63061	0.00069	0.53040	4.58584E-06	6.9286E-04
610609.43	4206547.03	4046.77825	0.00071	0.52889	4.57278E-06	7.1518E-04
610616.43	4206547.03	4181.30564	0.00073	0.52729	4.55895E-06	7.3879E-04
610623.43	4206547.03	4323.35431	0.00076	0.52560	4.54434E-06	7.6372E-04
610630.43	4206547.03	4472.67119	0.00079	0.52380	4.52877E-06	7.8992E-04
610637.43	4206547.03	4629.88711	0.00081	0.52188	4.51217E-06	8.1751E-04
610644.43	4206547.03	4793.60815	0.00084	0.51985	4.49462E-06	8.4624E-04
610651.43	4206547.03	4964.51963	0.00087	0.51770	4.47603E-06	8.7623E-04
610658.43	4206547.03	5141.2731	0.00090	0.51544	4.45649E-06	9.0725E-04
610665.43	4206547.03	5324.87582	0.00094	0.51306	4.43591E-06	9.3947E-04
610672.43	4206547.03	5513.85654	0.00097	0.51056	4.41430E-06	9.7264E-04
610679.43	4206547.03	5708.75997	0.00100	0.50795	4.39173E-06	1.0068E-03
610686.43	4206547.03	5910.66364	0.00104	0.50520	4.36796E-06	1.0423E-03
610693.43	4206547.03	6117.98736	0.00107	0.50235	4.34332E-06	1.0786E-03
610700.43	4206547.03	6333.01651	0.00111	0.49937	4.31755E-06	1.1164E-03
610707.43	4206547.03	6543.42953	0.00115	0.49632	4.29118E-06	1.1533E-03
610714.43	4206547.03	6760.58912	0.00119	0.49315	4.26377E-06	1.1914E-03
610777.43	4206547.03	9010.1573	0.00158	0.45767	3.95701E-06	1.5861E-03
610784.43	4206547.03	9299.24484	0.00163	0.45280	3.91491E-06	1.6368E-03
610791.43	4206547.03	9596.904	0.00169	0.44774	3.87116E-06	1.6891E-03
610798.43	4206547.03	9903.03551	0.00174	0.44249	3.82577E-06	1.7428E-03
610805.43	4206547.03	10217.1134	0.00179	0.43704	3.77865E-06	1.7979E-03
610812.43	4206547.03	10538.34306	0.00185	0.43140	3.72988E-06	1.8542E-03
610819.43	4206547.03	10865.86728	0.00191	0.42559	3.67965E-06	1.9117E-03
610826.43	4206547.03	11198.65598	0.00197	0.41961	3.62795E-06	1.9701E-03
610833.43	4206547.03	11535.43485	0.00203	0.41348	3.57495E-06	2.0292E-03
610840.43	4206547.03	11874.83394	0.00209	0.40720	3.52065E-06	2.0887E-03
610847.43	4206547.03	12215.30796	0.00214	0.40080	3.46531E-06	2.1484E-03
610854.43	4206547.03	12555.30177	0.00220	0.39430	3.40912E-06	2.2081E-03
610861.43	4206547.03	12892.90814	0.00226	0.38770	3.35205E-06	2.2673E-03
610868.43	4206547.03	13226.6534	0.00232	0.38103	3.29438E-06	2.3259E-03
610875.43	4206547.03	13554.62882	0.00238	0.37430	3.23620E-06	2.3834E-03
610882.43	4206547.03	13875.21588	0.00244	0.36753	3.17766E-06	2.4396E-03
610889.43	4206547.03	14186.71802	0.00249	0.36073	3.11887E-06	2.4943E-03
610910.43	4206547.03	15053.43947	0.00264	0.34032	2.94241E-06	2.6463E-03
610917.43	4206547.03	15315.59242	0.00269	0.33355	2.88387E-06	2.6923E-03
610924.43	4206547.03	15563.33082	0.00273	0.32683	2.82577E-06	2.7357E-03
610931.43	4206547.03	15795.4983	0.00277	0.32016	2.76810E-06	2.7764E-03
610938.43	4206547.03	16011.45298	0.00281	0.31355	2.71095E-06	2.8143E-03
610945.43	4206547.03	16210.60053	0.00285	0.30700	2.65432E-06	2.8492E-03
610952.43	4206547.03	16392.65906	0.00288	0.30052	2.59829E-06	2.8811E-03
610959.43	4206547.03	16557.44194	0.00291	0.29413	2.54305E-06	2.9100E-03
610966.43	4206547.03	16704.9322	0.00293	0.28782	2.48849E-06	2.9358E-03
610973.43	4206547.03	16835.16646	0.00296	0.28160	2.43471E-06	2.9587E-03
611001.43	4206547.03	17188.60298	0.00302	0.25772	2.22825E-06	3.0205E-03
611008.43	4206547.03	17236.82972	0.00303	0.25202	2.17896E-06	3.0289E-03
611015.43	4206547.03	17269.81725	0.00303	0.24642	2.13055E-06	3.0347E-03
611022.43	4206547.03	17288.20971	0.00304	0.24094	2.08317E-06	3.0379E-03
611029.43	4206547.03	17292.57169	0.00304	0.23557	2.03674E-06	3.0386E-03
611036.43	4206547.03	17283.36023	0.00303	0.23031	1.99126E-06	3.0369E-03
611043.43	4206547.03	17261.2839	0.00303	0.22517	1.94682E-06	3.0330E-03
611050.43	4206547.03	17227.01434	0.00303	0.22014	1.90333E-06	3.0269E-03
611057.43	4206547.03	17180.91993	0.00302	0.21522	1.86079E-06	3.0188E-03
611078.43	4206547.03	16978.57288	0.00298	0.20114	1.73906E-06	2.9831E-03
611085.43	4206547.03	16891.76991	0.00297	0.19666	1.70032E-06	2.9679E-03
611092.43	4206547.03	16796.23368	0.00295	0.19229	1.66254E-06	2.9510E-03
610294.43	4206554.03	1466.09136	0.00026	0.48746	4.21458E-06	2.6166E-04
610301.43	4206554.03	1493.53297	0.00026	0.48956	4.23273E-06	2.6649E-04
610308.43	4206554.03	1521.66513	0.00027	0.49162	4.25054E-06	2.7145E-04
610315.43	4206554.03	1550.55082	0.00027	0.49361	4.26775E-06	2.7654E-04
610322.43	4206554.03	1580.33912	0.00028	0.49555	4.28452E-06	2.8179E-04
610329.43	4206554.03	1610.84536	0.00028	0.49743	4.30078E-06	2.8716E-04
610336.43	4206554.03	1642.25291	0.00029	0.49925	4.31651E-06	2.9269E-04
610343.43	4206554.03	1674.47872	0.00029	0.50100	4.33164E-06	2.9837E-04
610350.43	4206554.03	1707.57653	0.00030	0.50266	4.34600E-06	3.0419E-04
610357.43	4206554.03	1741.51278	0.00031	0.50422	4.35948E-06	3.1017E-04
610364.43	4206554.03	1776.31133	0.00031	0.50568	4.37211E-06	3.1629E-04
610371.43	4206554.03	1811.97594	0.00032	0.50704	4.38387E-06	3.2256E-04
610378.43	4206554.03	1848.51716	0.00032	0.50834	4.39511E-06	3.2899E-04
610385.43	4206554.03	1885.90308	0.00033	0.50957	4.40574E-06	3.3557E-04
610392.43	4206554.03	1924.19897	0.00034	0.51074	4.41586E-06	3.4230E-04
610399.43	4206554.03	1963.30436	0.00034	0.51185	4.42545E-06	3.4918E-04
610406.43	4206554.03	2003.33121	0.00035	0.51289	4.43444E-06	3.5621E-04
610413.43	4206554.03	2044.73909	0.00036	0.51396	4.44370E-06	3.6350E-04
610420.43	4206554.03	2087.03757	0.00037	0.51495	4.45226E-06	3.7093E-04
610427.43	4206554.03	2130.15427	0.00037	0.51586	4.46012E-06	3.7851E-04
610434.43	4206554.03	2174.09465	0.00038	0.51668	4.46721E-06	3.8623E-04
610441.43	4206554.03	2218.86577	0.00039	0.51742	4.47361E-06	3.9410E-04
610448.43	4206554.03	2264.47164	0.00040	0.51807	4.47923E-06	4.0212E-04
610455.43	4206554.03	2310.97373	0.00041	0.51863	4.48407E-06	4.1029E-04
610462.43	4206554.03	2358.28171	0.00041	0.51910	4.48814E-06	4.1860E-04
610469.43	4206554.03	2406.61324	0.00042	0.51949	4.49151E-06	4.2709E-04
610497.43	4206554.03	2610.76554	0.00046	0.52018	4.49747E-06	4.6294E-04
610504.43	4206554.03	2665.25869	0.00047	0.52013	4.49704E-06	4.7251E-04
610511.43	4206554.03	2721.39955	0.00048	0.52000	4.49592E-06	4.8237E-04
610518.43	4206554.03	2779.60623	0.00049	0.51979	4.49410E-06	4.9259E-04
610525.43	4206554.03	2840.07865	0.00050	0.51950	4.49159E-06	5.0320E-04
610532.43	4206554.03	2903.12658	0.00051	0.51912	4.48831E-06	5.1427E-04
610539.43	4206554.03	2969.17166	0.00052	0.51866	4.48433E-06	5.2586E-04
610546.43	4206554.03	3038.5597	0.00053	0.51812	4.47966E-06	5.3804E-04
610553.43	4206554.03	3111.74785	0.00055	0.51750	4.47430E-06	5.5089E-04
610560.43	4206554.03	3190.09834	0.00056	0.51666	4.46704E-06	5.6464E-04
610567.43	4206554.03	3273.46727	0.00057	0.51573	4.45900E-06	5.7927E-04
610574.43	4206554.03	3361.98836	0.00059	0.51474	4.45044E-06	5.9481E-04
610581.43	4206554.03	3456.54736	0.00061	0.51366	4.44110E-06	6.1140E-04
610588.43	4206554.03	3557.30111	0.00062	0.51250	4.43107E-06	6.2909E-04
610595.43	4206554.03	3664.34095	0.00064	0.51128	4.42052E-06	6.4787E-04
610602.43	4206554.03	3778.36105	0.00066	0.50997	4.40920E-06	6.6788E-04
610609.43	4206554.03	3898.98333	0.00068	0.50860	4.39735E-06	6.8905E-04
610616.43	4206554.03	4026.7669	0.00071	0.50714	4.38473E-06	7.1148E-04
610623.43	4206554.03	4161.31916	0.00073	0.50560	4.37142E-06	7.3509E-04
610630.43	4206554.03	4302.90751	0.00076	0.50396	4.35724E-06	7.5994E-04
610637.43	4206554.03	4451.12106	0.00078	0.50222	4.34219E-06	7.8595E-04
610644.43	4206554.03	4606.13071	0.00081	0.50036	4.32611E-06	8.1315E-04
610651.43	4206554.03	4766.75864	0.00084	0.49841	4.30925E-06	8.4134E-04
610658.43	4206554.03	4933.71025	0.00087	0.49634	4.29135E-06	8.7064E-04
610665.43	4206554.03	5105.7026	0.00090	0.49417	4.27259E-06	9.0082E-04
610672.43	4206554.03	5283.75041	0.00093	0.49188	4.25279E-06	9.3207E-04
610679.43	4206554.03	5466.4781	0.00096	0.48949	4.23213E-06	9.6413E-04
610686.43	4206554.03	5655.50756	0.00099	0.48699	4.21051E-06	9.9731E-04
610693.43	4206554.03	5849.19924	0.00103	0.48438	4.18795E-06	1.0313E-03
610700.43	4206554.03	6048.56046	0.00106	0.48167	4.16452E-06	1.0663E-03
610707.43	4206554.03	6244.17303	0.00110	0.47891	4.14065E-06	1.1006E-03
610714.43	4206554.03	6444.27981	0.00113	0.47602	4.11567E-06	1.1357E-03
610756.43	4206554.03	7753.78332	0.00136	0.45595	3.94214E-06	1.3655E-03
610763.43	4206554.03	7994.44498	0.00140	0.45208	3.90868E-06	1.4077E-03
610770.43	4206554.03	8242.8983	0.00145	0.44804	3.87375E-06	1.4513E-03
610777.43	4206554.03	8493.3687	0.00149	0.44381	3.83718E-06	1.4963E-03
610784.43	4206554.03	8764.14264	0.00154	0.43940	3.79905E-06	1.5428E-03
610791.43	4206554.03	9037.17672	0.00159	0.43481	3.75937E-06	1.5907E-03
610798.43	4206554.03	9318.38284	0.00164	0.43004	3.71812E-06	1.6400E-03
610805.43	4206554.03	9607.38046	0.00169	0.42508	3.67524E-06	1.6907E-03
610812.43	4206554.03	9903.57072	0.00174	0.41996	3.63097E-06	1.7427E-03
610819.43	4206554.03	10206.34994	0.00179	0.41466	3.58515E-06	1.7958E-03
610826.43	4206554.03	10514.87001	0.00185	0.40920	3.53794E-06	1.8499E-03
610833.43	4206554.03	10828.2075	0.00190	0.40358	3.48935E-06	1.9049E-03
610840.43	4206554.03	11144.9382	0.00196	0.39783	3.43964E-06	1.9605E-03
610847.43	4206554.03	11463.89565	0.00201	0.39195	3.38880E-06	2.0164E-03
610854.43	4206554.03	11783.59409	0.00207	0.38596	3.33701E-06	2.0725E-03
610861.43	4206554.03	12102.42084	0.00213	0.37986	3.28427E-06	2.1284E-03

610868.43	4206554.03	12418.8986	0.00218	0.37369	3.23092E-06	2.1840E-03
610875.43	4206554.03	12731.53369	0.00224	0.36745	3.17697E-06	2.2388E-03
610882.43	4206554.03	13038.67547	0.00229	0.36115	3.12250E-06	2.2927E-03
610889.43	4206554.03	13338.79488	0.00234	0.35481	3.06769E-06	2.3453E-03
610910.43	4206554.03	14183.43021	0.00249	0.33568	2.90229E-06	2.4935E-03
610917.43	4206554.03	14442.43628	0.00254	0.32931	2.84721E-06	2.5389E-03
610924.43	4206554.03	14688.93331	0.00258	0.32296	2.79231E-06	2.5821E-03
610931.43	4206554.03	14921.95677	0.00262	0.31666	2.73784E-06	2.6230E-03
610938.43	4206554.03	15140.49441	0.00266	0.31039	2.68363E-06	2.6613E-03
610945.43	4206554.03	15344.02221	0.00269	0.30417	2.62985E-06	2.6970E-03
610952.43	4206554.03	15532.26856	0.00273	0.29801	2.57659E-06	2.7300E-03
610959.43	4206554.03	15704.713	0.00276	0.29191	2.52385E-06	2.7602E-03
610966.43	4206554.03	15861.34182	0.00279	0.28588	2.47172E-06	2.7877E-03
610973.43	4206554.03	16002.12266	0.00281	0.27993	2.42027E-06	2.8124E-03
610994.43	4206554.03	16329.7448	0.00287	0.26257	2.27018E-06	2.8697E-03
611001.43	4206554.03	16408.19811	0.00288	0.25696	2.22167E-06	2.8835E-03
611008.43	4206554.03	16471.72822	0.00289	0.25145	2.17404E-06	2.8946E-03
611015.43	4206554.03	16520.76353	0.00290	0.24604	2.12726E-06	2.9031E-03
611022.43	4206554.03	16555.78917	0.00291	0.24072	2.08126E-06	2.9092E-03
611029.43	4206554.03	16577.1261	0.00291	0.23551	2.03622E-06	2.9129E-03
611036.43	4206554.03	16585.33661	0.00291	0.23040	1.99204E-06	2.9143E-03
611043.43	4206554.03	16581.01015	0.00291	0.22539	1.94872E-06	2.9135E-03
611050.43	4206554.03	16564.51558	0.00291	0.22048	1.90627E-06	2.9106E-03
611057.43	4206554.03	16536.53573	0.00290	0.21568	1.86477E-06	2.9056E-03
610294.43	4206561.03	1437.98099	0.00025	0.46600	4.02903E-06	2.5654E-04
610301.43	4206561.03	1464.67652	0.00026	0.46807	4.04693E-06	2.6124E-04
610308.43	4206561.03	1491.96882	0.00026	0.47011	4.06457E-06	2.6605E-04
610315.43	4206561.03	1520.13207	0.00027	0.47208	4.08160E-06	2.7101E-04
610322.43	4206561.03	1548.91035	0.00027	0.47400	4.09820E-06	2.7608E-04
610329.43	4206561.03	1578.4648	0.00028	0.47587	4.11437E-06	2.8129E-04
610336.43	4206561.03	1608.8575	0.00028	0.47767	4.12993E-06	2.8664E-04
610343.43	4206561.03	1639.9875	0.00029	0.47943	4.14515E-06	2.9212E-04
610350.43	4206561.03	1671.95385	0.00029	0.48110	4.15959E-06	2.9775E-04
610357.43	4206561.03	1704.61896	0.00030	0.48268	4.17325E-06	3.0350E-04
610364.43	4206561.03	1738.22269	0.00031	0.48416	4.18604E-06	3.0941E-04
610371.43	4206561.03	1772.50662	0.00031	0.48554	4.19798E-06	3.1545E-04
610378.43	4206561.03	1807.6006	0.00032	0.48683	4.20913E-06	3.2162E-04
610385.43	4206561.03	1843.57729	0.00032	0.48808	4.21994E-06	3.2795E-04
610392.43	4206561.03	1880.26254	0.00033	0.48925	4.23005E-06	3.3440E-04
610399.43	4206561.03	1917.81204	0.00034	0.49038	4.23982E-06	3.4100E-04
610406.43	4206561.03	1956.07565	0.00034	0.49143	4.24890E-06	3.4773E-04
610413.43	4206561.03	1995.69178	0.00035	0.49252	4.25833E-06	3.5470E-04
610420.43	4206561.03	2036.11348	0.00036	0.49355	4.26723E-06	3.6180E-04
610427.43	4206561.03	2077.26449	0.00036	0.49450	4.27544E-06	3.6904E-04
610434.43	4206561.03	2119.13326	0.00037	0.49536	4.28288E-06	3.7640E-04
610441.43	4206561.03	2161.78011	0.00038	0.49614	4.28962E-06	3.8389E-04
610448.43	4206561.03	2205.16061	0.00039	0.49684	4.29568E-06	3.9152E-04
610455.43	4206561.03	2249.29441	0.00039	0.49746	4.30104E-06	3.9927E-04
610462.43	4206561.03	2294.30319	0.00040	0.49799	4.30562E-06	4.0718E-04
610469.43	4206561.03	2340.10884	0.00041	0.49844	4.30951E-06	4.1523E-04
610497.43	4206561.03	2533.67604	0.00044	0.49940	4.31781E-06	4.4923E-04
610504.43	4206561.03	2585.28775	0.00045	0.49944	4.31816E-06	4.5829E-04
610511.43	4206561.03	2638.56829	0.00046	0.49939	4.31772E-06	4.6764E-04
610518.43	4206561.03	2693.77234	0.00047	0.49926	4.31660E-06	4.7734E-04
610525.43	4206561.03	2751.15433	0.00048	0.49906	4.31487E-06	4.8741E-04
610532.43	4206561.03	2811.08346	0.00049	0.49877	4.31236E-06	4.9793E-04
610539.43	4206561.03	2873.80935	0.00050	0.49841	4.30925E-06	5.0894E-04
610546.43	4206561.03	2939.83125	0.00052	0.49797	4.30545E-06	5.2053E-04
610553.43	4206561.03	3009.45424	0.00053	0.49745	4.30095E-06	5.3275E-04
610560.43	4206561.03	3084.08733	0.00054	0.49673	4.29473E-06	5.4585E-04
610567.43	4206561.03	3161.45584	0.00056	0.49591	4.28764E-06	5.5978E-04
610574.43	4206561.03	3248.07026	0.00057	0.49501	4.27985E-06	5.7463E-04
610581.43	4206561.03	3338.0379	0.00059	0.49405	4.27155E-06	5.9042E-04
610588.43	4206561.03	3433.88565	0.00060	0.49301	4.26256E-06	6.0725E-04
610595.43	4206561.03	3536.08171	0.00062	0.49188	4.25279E-06	6.2518E-04
610602.43	4206561.03	3644.52316	0.00064	0.49071	4.24268E-06	6.4421E-04
610609.43	4206561.03	3759.35949	0.00066	0.48946	4.23187E-06	6.6437E-04
610616.43	4206561.03	3880.68309	0.00068	0.48814	4.22046E-06	6.8566E-04
610623.43	4206561.03	4008.56519	0.00070	0.48673	4.20827E-06	7.0810E-04
610630.43	4206561.03	4143.0974	0.00073	0.48522	4.19521E-06	7.3171E-04
610637.43	4206561.03	4283.36003	0.00075	0.48364	4.18155E-06	7.5633E-04
610644.43	4206561.03	4429.91598	0.00078	0.48195	4.16694E-06	7.8205E-04
610651.43	4206561.03	4581.56487	0.00080	0.48017	4.15155E-06	8.0866E-04
610658.43	4206561.03	4738.50305	0.00083	0.47829	4.13529E-06	8.3621E-04
610665.43	4206561.03	4901.01316	0.00086	0.47630	4.11809E-06	8.6473E-04
610672.43	4206561.03	5067.80663	0.00089	0.47422	4.10010E-06	8.9400E-04
610679.43	4206561.03	5240.04878	0.00092	0.47204	4.08126E-06	9.2422E-04
610686.43	4206561.03	5416.45999	0.00095	0.46975	4.06146E-06	9.5518E-04
610693.43	4206561.03	5598.62955	0.00098	0.46737	4.04088E-06	9.8715E-04
610700.43	4206561.03	5780.66578	0.00102	0.46492	4.01970E-06	1.0191E-03
610707.43	4206561.03	5961.40953	0.00105	0.46240	3.99791E-06	1.0508E-03
610714.43	4206561.03	6145.80822	0.00108	0.45977	3.97517E-06	1.0832E-03
610735.43	4206561.03	6724.1189	0.00118	0.45120	3.90107E-06	1.1846E-03
610742.43	4206561.03	6926.51397	0.00122	0.44811	3.87436E-06	1.2202E-03
610749.43	4206561.03	7134.48788	0.00125	0.44488	3.84643E-06	1.2566E-03
610756.43	4206561.03	7348.52673	0.00129	0.44151	3.81729E-06	1.2942E-03
610763.43	4206561.03	7569.12778	0.00133	0.43800	3.78695E-06	1.3329E-03
610770.43	4206561.03	7796.84913	0.00137	0.43433	3.75522E-06	1.3729E-03
610777.43	4206561.03	8031.95091	0.00141	0.43049	3.72201E-06	1.4141E-03
610784.43	4206561.03	8274.7636	0.00145	0.42649	3.68743E-06	1.4567E-03
610791.43	4206561.03	8525.3702	0.00150	0.42231	3.65129E-06	1.5007E-03
610798.43	4206561.03	8783.76191	0.00154	0.41797	3.61377E-06	1.5460E-03
610805.43	4206561.03	9049.79582	0.00159	0.41347	3.57486E-06	1.5927E-03
610812.43	4206561.03	9322.96587	0.00164	0.40880	3.53448E-06	1.6406E-03
610819.43	4206561.03	9602.89075	0.00169	0.40396	3.49264E-06	1.6897E-03
610826.43	4206561.03	9888.80546	0.00174	0.39898	3.44958E-06	1.7399E-03
610833.43	4206561.03	10179.96263	0.00179	0.39384	3.40514E-06	1.7910E-03
610840.43	4206561.03	10475.29473	0.00184	0.38856	3.35949E-06	1.8428E-03
610847.43	4206561.03	10773.66078	0.00189	0.38316	3.31280E-06	1.8951E-03
610854.43	4206561.03	11073.72972	0.00194	0.37764	3.26507E-06	1.9478E-03
610861.43	4206561.03	11374.28484	0.00200	0.37202	3.21648E-06	2.0005E-03
610868.43	4206561.03	11673.8465	0.00205	0.36630	3.16703E-06	2.0531E-03
610875.43	4206561.03	11970.98853	0.00210	0.36051	3.11697E-06	2.1052E-03
610882.43	4206561.03	12264.26298	0.00215	0.35466	3.06639E-06	2.1566E-03
610889.43	4206561.03	12552.25379	0.00220	0.34875	3.01529E-06	2.2072E-03
610910.43	4206561.03	13371.64073	0.00235	0.33084	2.86044E-06	2.3509E-03
610917.43	4206561.03	13625.78307	0.00239	0.32485	2.80865E-06	2.3955E-03
610924.43	4206561.03	13869.57069	0.00244	0.31888	2.75703E-06	2.4382E-03
610931.43	4206561.03	14101.52817	0.00248	0.31292	2.70550E-06	2.4789E-03
610938.43	4206561.03	14320.78867	0.00251	0.30699	2.65423E-06	2.5174E-03
610945.43	4206561.03	14526.73318	0.00255	0.30110	2.60331E-06	2.5535E-03
610952.43	4206561.03	14718.8586	0.00258	0.29524	2.55264E-06	2.5872E-03
610959.43	4206561.03	14896.86434	0.00262	0.28944	2.50250E-06	2.6184E-03
610966.43	4206561.03	15060.40478	0.00264	0.28369	2.45278E-06	2.6470E-03
610973.43	4206561.03	15209.33709	0.00267	0.27800	2.40359E-06	2.6731E-03
610994.43	4206561.03	15568.64709	0.00273	0.26135	2.25963E-06	2.7361E-03
611001.43	4206561.03	15659.46826	0.00275	0.25595	2.21294E-06	2.7520E-03
611008.43	4206561.03	15736.23128	0.00276	0.25063	2.16695E-06	2.7654E-03
611015.43	4206561.03	15799.18853	0.00277	0.24541	2.12181E-06	2.7764E-03
611022.43	4206561.03	15848.68295	0.00278	0.24026	2.07729E-06	2.7851E-03
611029.43	4206561.03	15885.07215	0.00279	0.23521	2.03362E-06	2.7914E-03
611036.43	4206561.03	15908.90064	0.00279	0.23025	1.99074E-06	2.7956E-03
611043.43	4206561.03	15920.37848	0.00280	0.22538	1.94863E-06	2.7975E-03
611050.43	4206561.03	15920.10142	0.00280	0.22061	1.90739E-06	2.7974E-03
611057.43	4206561.03	15908.61582	0.00279	0.21593	1.86693E-06	2.7954E-03
610294.43	4206568.03	1410.32571	0.00025	0.44577	3.85413E-06	2.5150E-04
610301.43	4206568.03	1436.23976	0.00025	0.44782	3.87185E-06	2.5607E-04
610308.43	4206568.03	1462.7739	0.00026	0.44983	3.88923E-06	2.6075E-04
610315.43	4206568.03	1489.99963	0.00026	0.45179	3.90617E-06	2.6555E-04
610322.43	4206568.03	1518.02886	0.00027	0.45369	3.92260E-06	2.7049E-04
610329.43	4206568.03	1546.64901	0.00027	0.45554	3.93860E-06	2.7553E-04
610336.43	4206568.03	1576.12252	0.00028	0.45734	3.95416E-06	2.8072E-04
610343.43	4206568.03	1606.21751	0.00028	0.45908	3.96920E-06	2.8602E-04
610350.43	4206568.03	1637.10197	0.00029	0.46075	3.98364E-06	2.9146E-04
610357.43	4206568.03	1668.71843	0.00029	0.46233	3.99730E-06	2.9702E-04
610364.43	4206568.03	1701.00001	0.00030	0.46380	4.01001E-06	3.0270E-04
610371.43	4206568.03	1734.10459	0.00030	0.46519	4.02203E-06	3.0853E-04
610378.43	4206568.03	1767.91013	0.00031	0.46650	4.03336E-06	3.1447E-04
610385.43	4206568.03	1802.50356	0.00032	0.46776	4.04425E-06	3.2056E-04
610392.43	4206568.03	1837.7148	0.00032	0.46895	4.05454E-06	3.2675E-04
610399.43	4206568.03	1873.74752	0.00033	0.47009	4.06440E-06	3.3309E-04
610406.43	4206568.03	1910.41069	0.00034	0.47116	4.07365E-06	3.3954E-04
610413.43	4206568.03	1948.3459	0.00034	0.47229	4.08342E-06	3.4621E-04
610420.43	4206568.03	1986.98075	0.00035	0.47335	4.09258E-06	3.5300E-04
610427.43	4206568.03	2026.27104	0.00036	0.47434	4.10114E-06	3.5991E-04
610434.43	4206568.03	2066.25946	0.00036	0.47524	4.10892E-06	3.6694E-04
610441.43	4206568.03	2106.83284	0.00037	0.47606	4.11601E-06	3.7407E-04
610448.43	4206568.03	2148.14201	0.00038	0.47680	4.12241E-06	3.8133E-04
610455.43	4206568.03	2190.14732	0.00038	0.47746	4.12812E-06	3.8871E-04

610462.43	4206568.03	2232.82247	0.00039	0.47803	4.13305E-06	3.9621E-04
610469.43	4206568.03	2276.35456	0.00040	0.47853	4.13737E-06	4.0386E-04
610497.43	4206568.03	2459.9303	0.00043	0.47972	4.14766E-06	4.3611E-04
610504.43	4206568.03	2508.85253	0.00044	0.47984	4.14869E-06	4.4470E-04
610511.43	4206568.03	2559.40933	0.00045	0.47988	4.14904E-06	4.5358E-04
610518.43	4206568.03	2611.85772	0.00046	0.47983	4.14861E-06	4.6279E-04
610525.43	4206568.03	2666.36589	0.00047	0.47972	4.14766E-06	4.7236E-04
610532.43	4206568.03	2723.32902	0.00048	0.47952	4.14593E-06	4.8236E-04
610539.43	4206568.03	2782.97418	0.00049	0.47926	4.14368E-06	4.9283E-04
610546.43	4206568.03	2845.79817	0.00050	0.47892	4.14074E-06	5.0386E-04
610553.43	4206568.03	2912.04226	0.00051	0.47851	4.13720E-06	5.1549E-04
610560.43	4206568.03	2983.17892	0.00052	0.47789	4.13183E-06	5.2797E-04
610567.43	4206568.03	3058.81056	0.00054	0.47720	4.12587E-06	5.4125E-04
610574.43	4206568.03	3139.29274	0.00055	0.47643	4.11921E-06	5.5537E-04
610581.43	4206568.03	3224.98367	0.00057	0.47558	4.11186E-06	5.7041E-04
610588.43	4206568.03	3316.22746	0.00058	0.47466	4.10391E-06	5.8643E-04
610595.43	4206568.03	3413.25111	0.00060	0.47367	4.09535E-06	6.0345E-04
610602.43	4206568.03	3516.50733	0.00062	0.47259	4.08601E-06	6.2158E-04
610609.43	4206568.03	3625.52463	0.00064	0.47146	4.07624E-06	6.4071E-04
610616.43	4206568.03	3740.61134	0.00066	0.47027	4.06595E-06	6.6091E-04
610623.43	4206568.03	3861.79515	0.00068	0.46899	4.05489E-06	6.8218E-04
610630.43	4206568.03	3989.13531	0.00070	0.46762	4.04304E-06	7.0453E-04
610637.43	4206568.03	4122.10706	0.00072	0.46616	4.03042E-06	7.2786E-04
610644.43	4206568.03	4260.58248	0.00075	0.46462	4.01710E-06	7.5217E-04
610651.43	4206568.03	4404.05995	0.00077	0.46299	4.00301E-06	7.7735E-04
610658.43	4206568.03	4552.46829	0.00080	0.46126	3.98805E-06	8.0339E-04
610665.43	4206568.03	4705.43059	0.00083	0.45945	3.97240E-06	8.3024E-04
610672.43	4206568.03	4862.84078	0.00085	0.45754	3.95589E-06	8.5786E-04
610679.43	4206568.03	5024.5025	0.00088	0.45553	3.93851E-06	8.8623E-04
610686.43	4206568.03	5190.52643	0.00091	0.45344	3.92044E-06	9.1537E-04
610693.43	4206568.03	5360.94737	0.00094	0.45127	3.90168E-06	9.4527E-04
610700.43	4206568.03	5527.02155	0.00097	0.44904	3.88240E-06	9.7442E-04
610707.43	4206568.03	5695.1387	0.00100	0.44674	3.86251E-06	1.0039E-03
610714.43	4206568.03	5866.35102	0.00103	0.44434	3.84176E-06	1.0340E-03
610735.43	4206568.03	6401.11136	0.00112	0.43653	3.77424E-06	1.1278E-03
610742.43	4206568.03	6587.59788	0.00116	0.43371	3.74985E-06	1.1605E-03
610749.43	4206568.03	6778.96816	0.00119	0.43077	3.72444E-06	1.1941E-03
610756.43	4206568.03	6975.19683	0.00122	0.42771	3.69798E-06	1.2286E-03
610763.43	4206568.03	7178.34312	0.00126	0.42451	3.67031E-06	1.2642E-03
610770.43	4206568.03	7387.38979	0.00130	0.42118	3.64152E-06	1.3009E-03
610777.43	4206568.03	7603.17112	0.00134	0.41769	3.61135E-06	1.3387E-03
610784.43	4206568.03	7826.11193	0.00137	0.41404	3.57979E-06	1.3778E-03
610791.43	4206568.03	8056.33624	0.00141	0.41024	3.54693E-06	1.4182E-03
610798.43	4206568.03	8293.97479	0.00146	0.40629	3.51278E-06	1.4599E-03
610805.43	4206568.03	8538.96341	0.00150	0.40219	3.47733E-06	1.5029E-03
610812.43	4206568.03	8790.9835	0.00154	0.39793	3.44050E-06	1.5471E-03
610819.43	4206568.03	9049.78777	0.00159	0.39352	3.40237E-06	1.5925E-03
610826.43	4206568.03	9314.68529	0.00164	0.38896	3.36295E-06	1.6390E-03
610833.43	4206568.03	9585.16397	0.00168	0.38426	3.32231E-06	1.6865E-03
610840.43	4206568.03	9860.2872	0.00173	0.37942	3.28046E-06	1.7347E-03
610847.43	4206568.03	10139.02466	0.00178	0.37446	3.23758E-06	1.7836E-03
610854.43	4206568.03	10420.41661	0.00183	0.36938	3.19366E-06	1.8330E-03
610861.43	4206568.03	10703.1915	0.00188	0.36419	3.14878E-06	1.8826E-03
610868.43	4206568.03	10986.12896	0.00193	0.35891	3.10313E-06	1.9322E-03
610875.43	4206568.03	11267.87348	0.00198	0.35354	3.05671E-06	1.9817E-03
610882.43	4206568.03	11547.16893	0.00203	0.34810	3.00967E-06	2.0307E-03
610889.43	4206568.03	11822.73274	0.00208	0.34260	2.96212E-06	2.0790E-03
610910.43	4206568.03	12614.31256	0.00222	0.32586	2.81738E-06	2.2179E-03
610917.43	4206568.03	12862.57565	0.00226	0.32023	2.76871E-06	2.2614E-03
610924.43	4206568.03	13101.99808	0.00230	0.31461	2.72012E-06	2.3034E-03
610931.43	4206568.03	13331.39748	0.00234	0.30899	2.67153E-06	2.3436E-03
610938.43	4206568.03	13549.78336	0.00238	0.30339	2.62311E-06	2.3819E-03
610945.43	4206568.03	13756.35131	0.00242	0.29781	2.57486E-06	2.4182E-03
610952.43	4206568.03	13950.6895	0.00245	0.29225	2.52679E-06	2.4522E-03
610959.43	4206568.03	14132.32035	0.00248	0.28673	2.47907E-06	2.4841E-03
610966.43	4206568.03	14300.84372	0.00251	0.28126	2.43177E-06	2.5136E-03
610973.43	4206568.03	14455.99054	0.00254	0.27583	2.38482E-06	2.5408E-03
610994.43	4206568.03	14840.73917	0.00261	0.25988	2.24692E-06	2.6082E-03
611001.43	4206568.03	14942.0331	0.00262	0.25469	2.20205E-06	2.6260E-03
611008.43	4206568.03	15030.09262	0.00264	0.24958	2.15787E-06	2.6414E-03
611015.43	4206568.03	15105.07221	0.00265	0.24454	2.11429E-06	2.6545E-03
611022.43	4206568.03	15167.23764	0.00266	0.23957	2.07132E-06	2.6654E-03
611029.43	4206568.03	15217.00207	0.00267	0.23469	2.02913E-06	2.6741E-03
611036.43	4206568.03	15254.48021	0.00268	0.22988	1.98754E-06	2.6806E-03
611043.43	4206568.03	15280.17316	0.00268	0.22516	1.94673E-06	2.6851E-03
611050.43	4206568.03	15294.50525	0.00269	0.22052	1.90661E-06	2.6876E-03
611057.43	4206568.03	15297.66055	0.00269	0.21596	1.86719E-06	2.6881E-03
611078.43	4206568.03	15245.48081	0.00268	0.20281	1.75349E-06	2.6788E-03
611085.43	4206568.03	15208.98859	0.00267	0.19860	1.71709E-06	2.6724E-03
611092.43	4206568.03	15163.53467	0.00266	0.19448	1.68147E-06	2.6644E-03
610294.43	4206575.03	1383.58353	0.00024	0.42665	3.68881E-06	2.4664E-04
610301.43	4206575.03	1408.70464	0.00025	0.42868	3.70637E-06	2.5107E-04
610308.43	4206575.03	1434.565	0.00025	0.43067	3.72357E-06	2.5563E-04
610315.43	4206575.03	1461.00216	0.00026	0.43260	3.74026E-06	2.6029E-04
610322.43	4206575.03	1488.155	0.00026	0.43449	3.75660E-06	2.6507E-04
610329.43	4206575.03	1515.93705	0.00027	0.43633	3.77251E-06	2.6997E-04
610336.43	4206575.03	1544.43533	0.00027	0.43811	3.78790E-06	2.7499E-04
610343.43	4206575.03	1573.54758	0.00028	0.43984	3.80285E-06	2.8011E-04
610350.43	4206575.03	1603.38242	0.00028	0.44150	3.81721E-06	2.8537E-04
610357.43	4206575.03	1633.9029	0.00029	0.44308	3.83087E-06	2.9074E-04
610364.43	4206575.03	1665.05864	0.00029	0.44456	3.84366E-06	2.9622E-04
610371.43	4206575.03	1696.97553	0.00030	0.44595	3.85568E-06	3.0184E-04
610378.43	4206575.03	1729.49885	0.00030	0.44727	3.86709E-06	3.0756E-04
610385.43	4206575.03	1762.72303	0.00031	0.44854	3.87807E-06	3.1341E-04
610392.43	4206575.03	1796.58132	0.00032	0.44974	3.88845E-06	3.1936E-04
610399.43	4206575.03	1831.11026	0.00032	0.45090	3.89848E-06	3.2544E-04
610406.43	4206575.03	1866.2357	0.00033	0.45198	3.90782E-06	3.3161E-04
610413.43	4206575.03	1902.49623	0.00033	0.45314	3.91785E-06	3.3799E-04
610420.43	4206575.03	1939.47931	0.00034	0.45425	3.92744E-06	3.4450E-04
610427.43	4206575.03	1976.99281	0.00035	0.45527	3.93626E-06	3.5109E-04
610434.43	4206575.03	2015.11402	0.00035	0.45621	3.94439E-06	3.5779E-04
610441.43	4206575.03	2053.80988	0.00036	0.45707	3.95182E-06	3.6460E-04
610448.43	4206575.03	2093.07237	0.00037	0.45784	3.95848E-06	3.7150E-04
610455.43	4206575.03	2133.03213	0.00037	0.45854	3.96453E-06	3.7852E-04
610462.43	4206575.03	2173.62958	0.00038	0.45915	3.96981E-06	3.8565E-04
610469.43	4206575.03	2214.93843	0.00039	0.45969	3.97448E-06	3.9291E-04
610497.43	4206575.03	2389.1952	0.00042	0.46110	3.98667E-06	4.2352E-04
610504.43	4206575.03	2435.6539	0.00043	0.46129	3.98831E-06	4.3168E-04
610511.43	4206575.03	2483.70278	0.00044	0.46139	3.98918E-06	4.4012E-04
610518.43	4206575.03	2533.46536	0.00044	0.46144	3.98961E-06	4.4886E-04
610525.43	4206575.03	2585.32684	0.00045	0.46140	3.98926E-06	4.5797E-04
610532.43	4206575.03	2639.53482	0.00046	0.46130	3.98840E-06	4.6748E-04
610539.43	4206575.03	2696.36542	0.00047	0.46112	3.98684E-06	4.7746E-04
610546.43	4206575.03	2756.11976	0.00048	0.46089	3.98485E-06	4.8795E-04
610553.43	4206575.03	2819.24283	0.00050	0.46057	3.98209E-06	4.9903E-04
610560.43	4206575.03	2886.99397	0.00051	0.46008	3.97785E-06	5.1093E-04
610567.43	4206575.03	2959.18401	0.00052	0.45949	3.97275E-06	5.2360E-04
610574.43	4206575.03	3035.77942	0.00053	0.45884	3.96713E-06	5.3704E-04
610581.43	4206575.03	3117.3392	0.00055	0.45812	3.96090E-06	5.5136E-04
610588.43	4206575.03	3204.23208	0.00056	0.45731	3.95390E-06	5.6661E-04
610595.43	4206575.03	3296.39479	0.00058	0.45645	3.94646E-06	5.8279E-04
610602.43	4206575.03	3394.34083	0.00060	0.45550	3.93825E-06	5.9998E-04
610609.43	4206575.03	3497.64828	0.00061	0.45450	3.92960E-06	6.1811E-04
610616.43	4206575.03	3606.78701	0.00063	0.45341	3.92018E-06	6.3726E-04
610623.43	4206575.03	3721.3225	0.00065	0.45227	3.91032E-06	6.5737E-04
610630.43	4206575.03	3841.83565	0.00067	0.45102	3.89952E-06	6.7852E-04
610637.43	4206575.03	3967.85443	0.00070	0.44968	3.88793E-06	7.0063E-04
610644.43	4206575.03	4098.59926	0.00072	0.44827	3.87574E-06	7.2358E-04
610651.43	4206575.03	4234.35254	0.00074	0.44677	3.86277E-06	7.4741E-04
610658.43	4206575.03	4374.59228	0.00077	0.44518	3.84902E-06	7.7202E-04
610665.43	4206575.03	4519.00707	0.00079	0.44351	3.83459E-06	7.9736E-04
610672.43	4206575.03	4666.83339	0.00082	0.44176	3.81945E-06	8.2331E-04
610679.43	4206575.03	4819.09362	0.00085	0.43992	3.80355E-06	8.5003E-04
610686.43	4206575.03	4975.31074	0.00087	0.43799	3.78686E-06	8.7744E-04
610693.43	4206575.03	5134.58501	0.00090	0.43601	3.76974E-06	9.0539E-04
610700.43	4206575.03	5290.49163	0.00093	0.43396	3.75202E-06	9.3275E-04
610707.43	4206575.03	5447.2178	0.00096	0.43186	3.73386E-06	9.6025E-04
610714.43	4206575.03	5606.46577	0.00098	0.42967	3.71492E-06	9.8820E-04
610735.43	4206575.03	6102.02282	0.00107	0.42254	3.65328E-06	1.0752E-03
610742.43	4206575.03	6274.24398	0.00110	0.41997	3.63106E-06	1.1054E-03
610749.43	4206575.03	6450.69035	0.00113	0.41729	3.60789E-06	1.1363E-03
610756.43	4206575.03	6631.88284	0.00116	0.41449	3.58368E-06	1.1681E-03
610763.43	4206575.03	6818.34228	0.00120	0.41158	3.55852E-06	1.2008E-03
610770.43	4206575.03	7010.55225	0.00123	0.40855	3.53232E-06	1.2346E-03
610777.43	4206575.03	7208.88977	0.00127	0.40537	3.50483E-06	1.2694E-03
610784.43	4206575.03	7413.89273	0.00130	0.40204	3.47604E-06	1.3053E-03
610791.43	4206575.03	7625.63659	0.00134	0.39859	3.44621E-06	1.3425E-03
610798.43	4206575.03	7844.40437	0.00138	0.39499	3.41508E-06	1.3809E-03
610805.43	4206575.03	8070.16375	0.00142	0.39125	3.38275E-06	1.4205E-03

610812.43	4206575.03	8302.71976	0.00146	0.38736	3.34911E-06	1.4613E-03
610819.43	4206575.03	8541.94042	0.00150	0.38334	3.31436E-06	1.5033E-03
610826.43	4206575.03	8787.37844	0.00154	0.37917	3.27830E-06	1.5463E-03
610833.43	4206575.03	9038.51709	0.00159	0.37486	3.24104E-06	1.5904E-03
610840.43	4206575.03	9294.70093	0.00163	0.37043	3.20274E-06	1.6353E-03
610847.43	4206575.03	9554.97529	0.00168	0.36587	3.16331E-06	1.6810E-03
610854.43	4206575.03	9818.53957	0.00172	0.36119	3.12285E-06	1.7272E-03
610861.43	4206575.03	10084.30479	0.00177	0.35641	3.08152E-06	1.7739E-03
610868.43	4206575.03	10351.07659	0.00182	0.35152	3.03924E-06	1.8207E-03
610875.43	4206575.03	10617.80179	0.00186	0.34656	2.99636E-06	1.8675E-03
610882.43	4206575.03	10883.42262	0.00191	0.34151	2.95269E-06	1.9141E-03
610889.43	4206575.03	11146.49055	0.00196	0.33640	2.90851E-06	1.9602E-03
610910.43	4206575.03	11908.87997	0.00209	0.32076	2.77329E-06	2.0939E-03
610917.43	4206575.03	12150.48246	0.00213	0.31548	2.72764E-06	2.1363E-03
610924.43	4206575.03	12384.65917	0.00217	0.31020	2.68199E-06	2.1774E-03
610931.43	4206575.03	12610.23044	0.00221	0.30490	2.63616E-06	2.2170E-03
610938.43	4206575.03	12826.11748	0.00225	0.29962	2.59051E-06	2.2548E-03
610945.43	4206575.03	13031.9248	0.00229	0.29434	2.54486E-06	2.2909E-03
610952.43	4206575.03	13226.67929	0.00232	0.28907	2.49930E-06	2.3251E-03
610959.43	4206575.03	13410.11245	0.00235	0.28383	2.45399E-06	2.3572E-03
610966.43	4206575.03	13581.74763	0.00238	0.27862	2.40895E-06	2.3873E-03
610973.43	4206575.03	13741.48342	0.00241	0.27345	2.36425E-06	2.4153E-03
610994.43	4206575.03	14146.0835	0.00248	0.25820	2.23240E-06	2.4863E-03
611001.43	4206575.03	14256.00082	0.00250	0.25322	2.18934E-06	2.5055E-03
611008.43	4206575.03	14353.50706	0.00252	0.24830	2.14680E-06	2.5226E-03
611015.43	4206575.03	14438.69545	0.00254	0.24345	2.10487E-06	2.5375E-03
611022.43	4206575.03	14511.76339	0.00255	0.23866	2.06345E-06	2.5503E-03
611029.43	4206575.03	14572.97969	0.00256	0.23394	2.02264E-06	2.5610E-03
611036.43	4206575.03	14622.50141	0.00257	0.22929	1.98244E-06	2.5697E-03
611043.43	4206575.03	14660.7921	0.00257	0.22472	1.94293E-06	2.5763E-03
611050.43	4206575.03	14687.9079	0.00258	0.22022	1.90402E-06	2.5811E-03
611057.43	4206575.03	14704.48331	0.00258	0.21579	1.86572E-06	2.5839E-03
611078.43	4206575.03	14693.72929	0.00258	0.20299	1.75505E-06	2.5819E-03
611085.43	4206575.03	14671.26314	0.00258	0.19888	1.71952E-06	2.5780E-03
611092.43	4206575.03	14640.07257	0.00257	0.19484	1.68459E-06	2.5724E-03
610294.43	4206582.03	1357.74217	0.00024	0.40855	3.53232E-06	2.4195E-04
610301.43	4206582.03	1382.18603	0.00024	0.41056	3.54970E-06	2.4626E-04
610308.43	4206582.03	1407.45916	0.00025	0.41253	3.56673E-06	2.5068E-04
610315.43	4206582.03	1432.93599	0.00025	0.41444	3.58325E-06	2.5520E-04
610322.43	4206582.03	1459.29855	0.00026	0.41632	3.59950E-06	2.5985E-04
610329.43	4206582.03	1486.17531	0.00026	0.41814	3.61524E-06	2.6458E-04
610336.43	4206582.03	1513.72417	0.00027	0.41991	3.63054E-06	2.6944E-04
610343.43	4206582.03	1541.96596	0.00027	0.42163	3.64541E-06	2.7441E-04
610350.43	4206582.03	1570.73833	0.00028	0.42328	3.65968E-06	2.7948E-04
610357.43	4206582.03	1600.22487	0.00028	0.42486	3.67334E-06	2.8467E-04
610364.43	4206582.03	1630.29358	0.00029	0.42633	3.68605E-06	2.8996E-04
610371.43	4206582.03	1661.00444	0.00029	0.42774	3.69824E-06	2.9537E-04
610378.43	4206582.03	1692.29498	0.00030	0.42906	3.70965E-06	3.0087E-04
610385.43	4206582.03	1724.23758	0.00030	0.43035	3.72080E-06	3.0649E-04
610392.43	4206582.03	1756.72861	0.00031	0.43156	3.73127E-06	3.1221E-04
610399.43	4206582.03	1789.78384	0.00031	0.43271	3.74121E-06	3.1802E-04
610406.43	4206582.03	1823.45724	0.00032	0.43383	3.75089E-06	3.2395E-04
610413.43	4206582.03	1858.19492	0.00033	0.43502	3.76118E-06	3.3006E-04
610420.43	4206582.03	1893.49098	0.00033	0.43616	3.77104E-06	3.3626E-04
610427.43	4206582.03	1929.27667	0.00034	0.43721	3.78012E-06	3.4256E-04
610434.43	4206582.03	1965.64634	0.00035	0.43818	3.78850E-06	3.4895E-04
610441.43	4206582.03	2002.49149	0.00035	0.43908	3.79628E-06	3.5543E-04
610448.43	4206582.03	2039.92626	0.00036	0.43989	3.80329E-06	3.6201E-04
610455.43	4206582.03	2077.91533	0.00036	0.44063	3.80968E-06	3.6869E-04
610462.43	4206582.03	2116.49994	0.00037	0.44128	3.81530E-06	3.7547E-04
610469.43	4206582.03	2155.78503	0.00038	0.44185	3.82023E-06	3.8237E-04
610497.43	4206582.03	2321.24167	0.00041	0.44347	3.83424E-06	4.1144E-04
610504.43	4206582.03	2365.38352	0.00042	0.44372	3.83640E-06	4.1919E-04
610511.43	4206582.03	2411.0738	0.00042	0.44389	3.83787E-06	4.2722E-04
610518.43	4206582.03	2458.46477	0.00043	0.44400	3.83882E-06	4.3554E-04
610525.43	4206582.03	2507.82969	0.00044	0.44405	3.83925E-06	4.4421E-04
610532.43	4206582.03	2559.44164	0.00045	0.44402	3.83899E-06	4.5327E-04
610539.43	4206582.03	2613.5884	0.00046	0.44394	3.83830E-06	4.6278E-04
610546.43	4206582.03	2670.5812	0.00047	0.44378	3.83692E-06	4.7279E-04
610553.43	4206582.03	2730.80487	0.00048	0.44356	3.83502E-06	4.8336E-04
610560.43	4206582.03	2795.50679	0.00049	0.44317	3.83165E-06	4.9472E-04
610567.43	4206582.03	2864.19507	0.00050	0.44271	3.82767E-06	5.0677E-04
610574.43	4206582.03	2937.34928	0.00052	0.44217	3.82300E-06	5.1962E-04
610581.43	4206582.03	3015.17189	0.00053	0.44155	3.81764E-06	5.3328E-04
610588.43	4206582.03	3097.74699	0.00054	0.44088	3.81185E-06	5.4777E-04
610595.43	4206582.03	3185.5354	0.00056	0.44012	3.80528E-06	5.6318E-04
610602.43	4206582.03	3278.54455	0.00058	0.43929	3.79810E-06	5.7950E-04
610609.43	4206582.03	3376.56581	0.00059	0.43841	3.79049E-06	5.9671E-04
610616.43	4206582.03	3479.92962	0.00061	0.43745	3.78219E-06	6.1485E-04
610623.43	4206582.03	3588.54763	0.00063	0.43641	3.77320E-06	6.3391E-04
610630.43	4206582.03	3702.71883	0.00065	0.43528	3.76343E-06	6.5395E-04
610637.43	4206582.03	3822.03669	0.00067	0.43405	3.75279E-06	6.7489E-04
610644.43	4206582.03	3946.3507	0.00069	0.43275	3.74155E-06	6.9671E-04
610651.43	4206582.03	4074.57992	0.00072	0.43137	3.72962E-06	7.1922E-04
610658.43	4206582.03	4207.27245	0.00074	0.42991	3.71700E-06	7.4250E-04
610665.43	4206582.03	4343.33125	0.00076	0.42838	3.70377E-06	7.6638E-04
610672.43	4206582.03	4483.45185	0.00079	0.42677	3.68985E-06	7.9097E-04
610679.43	4206582.03	4626.51548	0.00081	0.42508	3.67524E-06	8.1608E-04
610686.43	4206582.03	4773.04818	0.00084	0.42332	3.66002E-06	8.4180E-04
610693.43	4206582.03	4923.67816	0.00086	0.42149	3.64420E-06	8.6823E-04
610700.43	4206582.03	5069.52622	0.00089	0.41961	3.62795E-06	8.9383E-04
610707.43	4206582.03	5215.88126	0.00092	0.41770	3.61143E-06	9.1951E-04
610714.43	4206582.03	5364.32306	0.00094	0.41570	3.59414E-06	9.4556E-04
610735.43	4206582.03	5824.48193	0.00102	0.40919	3.53785E-06	1.0263E-03
610742.43	4206582.03	5983.85295	0.00105	0.40684	3.51754E-06	1.0543E-03
610749.43	4206582.03	6146.90267	0.00108	0.40439	3.49635E-06	1.0829E-03
610756.43	4206582.03	6314.12116	0.00111	0.40184	3.47431E-06	1.1122E-03
610763.43	4206582.03	6485.99568	0.00114	0.39919	3.45139E-06	1.1424E-03
610770.43	4206582.03	6663.03942	0.00117	0.39642	3.42745E-06	1.1734E-03
610777.43	4206582.03	6845.64631	0.00120	0.39352	3.40237E-06	1.2055E-03
610784.43	4206582.03	7034.30378	0.00124	0.39049	3.37617E-06	1.2386E-03
610791.43	4206582.03	7229.27222	0.00127	0.38734	3.34894E-06	1.2728E-03
610798.43	4206582.03	7430.81061	0.00130	0.38405	3.32049E-06	1.3082E-03
610805.43	4206582.03	7638.99934	0.00134	0.38064	3.29101E-06	1.3447E-03
610812.43	4206582.03	7853.77608	0.00138	0.37709	3.26032E-06	1.3824E-03
610819.43	4206582.03	8074.96361	0.00142	0.37341	3.22850E-06	1.4212E-03
610826.43	4206582.03	8302.3337	0.00146	0.36960	3.19556E-06	1.4611E-03
610833.43	4206582.03	8535.44623	0.00150	0.36566	3.16149E-06	1.5020E-03
610840.43	4206582.03	8773.8149	0.00154	0.36159	3.12631E-06	1.5438E-03
610847.43	4206582.03	9016.70574	0.00158	0.35740	3.09008E-06	1.5864E-03
610854.43	4206582.03	9263.39539	0.00163	0.35310	3.05290E-06	1.6297E-03
610861.43	4206582.03	9512.85036	0.00167	0.34869	3.01477E-06	1.6735E-03
610868.43	4206582.03	9764.17923	0.00171	0.34418	2.97578E-06	1.7175E-03
610875.43	4206582.03	10016.32753	0.00176	0.33958	2.93601E-06	1.7618E-03
610882.43	4206582.03	10268.18369	0.00180	0.33490	2.89554E-06	1.8060E-03
610889.43	4206582.03	10518.63215	0.00185	0.33015	2.85448E-06	1.8499E-03
610910.43	4206582.03	11251.02748	0.00198	0.31556	2.72833E-06	1.9784E-03
610917.43	4206582.03	11485.0844	0.00202	0.31061	2.68553E-06	2.0194E-03
610924.43	4206582.03	11713.11054	0.00206	0.30565	2.64265E-06	2.0594E-03
610931.43	4206582.03	11933.7798	0.00210	0.30067	2.59959E-06	2.0981E-03
610938.43	4206582.03	12146.23981	0.00213	0.29569	2.55653E-06	2.1354E-03
610945.43	4206582.03	12349.86617	0.00217	0.29070	2.51339E-06	2.1711E-03
610952.43	4206582.03	12543.82643	0.00220	0.28572	2.47033E-06	2.2051E-03
610959.43	4206582.03	12727.82964	0.00223	0.28075	2.42736E-06	2.2374E-03
610966.43	4206582.03	12901.18669	0.00227	0.27580	2.38457E-06	2.2678E-03
610973.43	4206582.03	13063.75591	0.00229	0.27087	2.34194E-06	2.2963E-03
610994.43	4206582.03	13483.54276	0.00237	0.25631	2.21606E-06	2.3699E-03
611001.43	4206582.03	13600.37256	0.00239	0.25154	2.17481E-06	2.3904E-03
611008.43	4206582.03	13705.70877	0.00241	0.24682	2.13400E-06	2.4088E-03
611015.43	4206582.03	13799.54436	0.00242	0.24216	2.09371E-06	2.4253E-03
611022.43	4206582.03	13881.8884	0.00244	0.23755	2.05386E-06	2.4397E-03
611029.43	4206582.03	13953.03488	0.00245	0.23300	2.01452E-06	2.4521E-03
611036.43	4206582.03	14013.12711	0.00246	0.22851	1.97570E-06	2.4626E-03
611043.43	4206582.03	14062.32886	0.00247	0.22408	1.93739E-06	2.4713E-03
611050.43	4206582.03	14100.94251	0.00248	0.21972	1.89970E-06	2.4780E-03
611057.43	4206582.03	14129.37046	0.00248	0.21543	1.86261E-06	2.4829E-03
611078.43	4206582.03	14155.93998	0.00249	0.20298	1.75496E-06	2.4875E-03
611085.43	4206582.03	14146.36432	0.00248	0.19897	1.72029E-06	2.4858E-03
611092.43	4206582.03	14128.24683	0.00248	0.19503	1.68623E-06	2.4826E-03
610294.43	4206589.03	1332.76106	0.00023	0.39141	3.38413E-06	2.3741E-04
610301.43	4206589.03	1356.49112	0.00024	0.39339	3.40125E-06	2.4160E-04
610308.43	4206589.03	1380.89019	0.00024	0.39534	3.41811E-06	2.4590E-04
610315.43	4206589.03	1405.78024	0.00025	0.39724	3.43454E-06	2.5029E-04
610322.43	4206589.03	1431.25255	0.00025	0.39909	3.45053E-06	2.5478E-04
610329.43	4206589.03	1457.3883	0.00026	0.40090	3.46618E-06	2.5938E-04
610336.43	4206589.03	1484.0424	0.00026	0.40266	3.48140E-06	2.6408E-04
610343.43	4206589.03	1511.32731	0.00027	0.40437	3.49618E-06	2.6888E-04
610350.43	4206589.03	1539.14	0.00027	0.40601	3.51036E-06	2.7378E-04
610357.43	4206589.03	1567.61021	0.00028	0.40758	3.52393E-06	2.7879E-04

610364.43	4206589.03	1596.53957	0.00028	0.40906	3.53673E-06	2.8389E-04
610371.43	4206589.03	1626.14993	0.00029	0.41047	3.54892E-06	2.8910E-04
610378.43	4206589.03	1656.23356	0.00029	0.41180	3.56042E-06	2.9439E-04
610385.43	4206589.03	1686.86898	0.00030	0.41308	3.57149E-06	2.9978E-04
610392.43	4206589.03	1718.07823	0.00030	0.41431	3.58212E-06	3.0527E-04
610399.43	4206589.03	1749.76912	0.00031	0.41548	3.59224E-06	3.1085E-04
610406.43	4206589.03	1782.00898	0.00031	0.41661	3.60201E-06	3.1652E-04
610413.43	4206589.03	1815.26043	0.00032	0.41784	3.61264E-06	3.2237E-04
610420.43	4206589.03	1848.97493	0.00032	0.41901	3.62276E-06	3.2830E-04
610427.43	4206589.03	1883.14953	0.00033	0.42008	3.63201E-06	3.3431E-04
610434.43	4206589.03	1917.78306	0.00034	0.42109	3.64074E-06	3.4040E-04
610441.43	4206589.03	1952.91108	0.00034	0.42202	3.64878E-06	3.4658E-04
610448.43	4206589.03	1988.52344	0.00035	0.42288	3.65622E-06	3.5284E-04
610455.43	4206589.03	2024.64226	0.00036	0.42364	3.66279E-06	3.5919E-04
610462.43	4206589.03	2061.31933	0.00036	0.42433	3.66876E-06	3.6563E-04
610469.43	4206589.03	2098.6761	0.00037	0.42494	3.67403E-06	3.7220E-04
610497.43	4206589.03	2255.94668	0.00040	0.42674	3.68959E-06	3.9983E-04
610504.43	4206589.03	2297.9692	0.00040	0.42705	3.69227E-06	4.0721E-04
610511.43	4206589.03	2341.42846	0.00041	0.42729	3.69435E-06	4.1484E-04
610518.43	4206589.03	2386.60899	0.00042	0.42746	3.69582E-06	4.2278E-04
610525.43	4206589.03	2433.64874	0.00043	0.42758	3.69685E-06	4.3104E-04
610532.43	4206589.03	2482.82955	0.00044	0.42763	3.69729E-06	4.3968E-04
610539.43	4206589.03	2534.51195	0.00045	0.42763	3.69729E-06	4.4875E-04
610546.43	4206589.03	2588.95446	0.00045	0.42755	3.69660E-06	4.5831E-04
610553.43	4206589.03	2646.39833	0.00046	0.42741	3.69538E-06	4.6840E-04
610560.43	4206589.03	2708.19707	0.00048	0.42712	3.69288E-06	4.7925E-04
610567.43	4206589.03	2773.86402	0.00049	0.42676	3.68976E-06	4.9077E-04
610574.43	4206589.03	2843.63128	0.00050	0.42633	3.68605E-06	5.0302E-04
610581.43	4206589.03	2917.84617	0.00051	0.42582	3.68164E-06	5.1605E-04
610588.43	4206589.03	2996.68522	0.00053	0.42525	3.67671E-06	5.2989E-04
610595.43	4206589.03	3080.25354	0.00054	0.42461	3.67118E-06	5.4456E-04
610602.43	4206589.03	3168.6875	0.00056	0.42390	3.66504E-06	5.6008E-04
610609.43	4206589.03	3261.97453	0.00057	0.42312	3.65829E-06	5.7645E-04
610616.43	4206589.03	3360.03228	0.00059	0.42227	3.65094E-06	5.9367E-04
610623.43	4206589.03	3462.95959	0.00061	0.42135	3.64299E-06	6.1173E-04
610630.43	4206589.03	3571.24278	0.00063	0.42032	3.63408E-06	6.3074E-04
610637.43	4206589.03	3684.62125	0.00065	0.41920	3.62440E-06	6.5064E-04
610644.43	4206589.03	3802.24877	0.00067	0.41801	3.61411E-06	6.7129E-04
610651.43	4206589.03	3923.95819	0.00069	0.41675	3.60322E-06	6.9264E-04
610658.43	4206589.03	4049.6977	0.00071	0.41540	3.59155E-06	7.1471E-04
610665.43	4206589.03	4178.5291	0.00073	0.41399	3.57936E-06	7.3732E-04
610672.43	4206589.03	4310.61086	0.00076	0.41251	3.56656E-06	7.6050E-04
610679.43	4206589.03	4445.71366	0.00078	0.41096	3.55316E-06	7.8421E-04
610686.43	4206589.03	4584.01525	0.00080	0.40934	3.53915E-06	8.0848E-04
610693.43	4206589.03	4725.31543	0.00083	0.40766	3.52463E-06	8.3328E-04
610700.43	4206589.03	4862.69901	0.00085	0.40595	3.50984E-06	8.5739E-04
610707.43	4206589.03	4999.63087	0.00088	0.40420	3.49471E-06	8.8142E-04
610714.43	4206589.03	5138.25152	0.00090	0.40237	3.47889E-06	9.0574E-04
610735.43	4206589.03	5566.47608	0.00098	0.39642	3.42745E-06	9.8089E-04
610742.43	4206589.03	5714.25161	0.00100	0.39428	3.40894E-06	1.0068E-03
610749.43	4206589.03	5865.21085	0.00103	0.39204	3.38958E-06	1.0333E-03
610756.43	4206589.03	6019.75321	0.00106	0.38971	3.36943E-06	1.0604E-03
610763.43	4206589.03	6178.46502	0.00108	0.38729	3.34851E-06	1.0883E-03
610770.43	4206589.03	6341.80189	0.00111	0.38476	3.32663E-06	1.1169E-03
610777.43	4206589.03	6510.16852	0.00114	0.38212	3.30381E-06	1.1465E-03
610784.43	4206589.03	6684.10299	0.00117	0.37935	3.27986E-06	1.1770E-03
610791.43	4206589.03	6863.84853	0.00121	0.37647	3.25496E-06	1.2085E-03
610798.43	4206589.03	7049.67685	0.00124	0.37348	3.22911E-06	1.2411E-03
610805.43	4206589.03	7241.75033	0.00127	0.37036	3.20213E-06	1.2748E-03
610812.43	4206589.03	7440.1595	0.00131	0.36712	3.17412E-06	1.3096E-03
610819.43	4206589.03	7644.81299	0.00134	0.36376	3.14507E-06	1.3456E-03
610826.43	4206589.03	7855.51835	0.00138	0.36027	3.11489E-06	1.3825E-03
610833.43	4206589.03	8071.99567	0.00142	0.35666	3.08368E-06	1.4205E-03
610840.43	4206589.03	8293.80828	0.00146	0.35292	3.05134E-06	1.4594E-03
610847.43	4206589.03	8520.34829	0.00150	0.34907	3.01806E-06	1.4992E-03
610854.43	4206589.03	8750.93603	0.00154	0.34512	2.98391E-06	1.5396E-03
610861.43	4206589.03	8984.87507	0.00158	0.34105	2.94872E-06	1.5807E-03
610868.43	4206589.03	9221.27997	0.00162	0.33689	2.91275E-06	1.6221E-03
610875.43	4206589.03	9459.21529	0.00166	0.33263	2.87592E-06	1.6639E-03
610882.43	4206589.03	9697.71617	0.00170	0.32830	2.83848E-06	1.7057E-03
610889.43	4206589.03	9935.75144	0.00174	0.32388	2.80026E-06	1.7475E-03
610910.43	4206589.03	10637.06891	0.00187	0.31028	2.68268E-06	1.8705E-03
610917.43	4206589.03	10863.41484	0.00191	0.30565	2.64265E-06	1.9102E-03
610924.43	4206589.03	11084.49721	0.00195	0.30100	2.60244E-06	1.9490E-03
610931.43	4206589.03	11299.56728	0.00198	0.29632	2.56198E-06	1.9867E-03
610938.43	4206589.03	11507.73173	0.00202	0.29162	2.52135E-06	2.0233E-03
610945.43	4206589.03	11708.0716	0.00206	0.28691	2.48062E-06	2.0584E-03
610952.43	4206589.03	11900.22229	0.00209	0.28220	2.43990E-06	2.0921E-03
610959.43	4206589.03	12083.4271	0.00212	0.27750	2.39926E-06	2.1242E-03
610966.43	4206589.03	12257.29854	0.00215	0.27280	2.35863E-06	2.1547E-03
610973.43	4206589.03	12421.38427	0.00218	0.26812	2.31816E-06	2.1835E-03
610994.43	4206589.03	12852.06558	0.00226	0.25423	2.19807E-06	2.2590E-03
611001.43	4206589.03	12974.46209	0.00228	0.24967	2.15865E-06	2.2804E-03
611008.43	4206589.03	13086.14862	0.00230	0.24515	2.11957E-06	2.3000E-03
611015.43	4206589.03	13187.07849	0.00232	0.24067	2.08083E-06	2.3177E-03
611022.43	4206589.03	13277.31765	0.00233	0.23624	2.04253E-06	2.3335E-03
611029.43	4206589.03	13356.98835	0.00235	0.23185	2.00457E-06	2.3475E-03
611036.43	4206589.03	13426.05154	0.00236	0.22753	1.96722E-06	2.3596E-03
611043.43	4206589.03	13484.91918	0.00237	0.22325	1.93022E-06	2.3699E-03
611050.43	4206589.03	13533.69188	0.00238	0.21904	1.89382E-06	2.3784E-03
611057.43	4206589.03	13572.52153	0.00238	0.21488	1.85785E-06	2.3852E-03
611078.43	4206589.03	13632.74314	0.00239	0.20279	1.75332E-06	2.3956E-03
611085.43	4206589.03	13634.9565	0.00239	0.19889	1.71960E-06	2.3960E-03
611092.43	4206589.03	13628.56549	0.00239	0.19506	1.68649E-06	2.3948E-03
610294.43	4206596.03	1308.54675	0.00023	0.37516	3.24363E-06	2.3302E-04
610301.43	4206596.03	1331.64204	0.00023	0.37712	3.26058E-06	2.3709E-04
610308.43	4206596.03	1355.22491	0.00024	0.37904	3.27718E-06	2.4125E-04
610315.43	4206596.03	1379.4619	0.00024	0.38092	3.29343E-06	2.4552E-04
610322.43	4206596.03	1404.15748	0.00025	0.38276	3.30934E-06	2.4988E-04
610329.43	4206596.03	1429.47261	0.00025	0.38455	3.32482E-06	2.5434E-04
610336.43	4206596.03	1455.2362	0.00026	0.38629	3.33986E-06	2.5888E-04
610343.43	4206596.03	1481.63498	0.00026	0.38799	3.35456E-06	2.6353E-04
610350.43	4206596.03	1508.49507	0.00026	0.38963	3.36874E-06	2.6826E-04
610357.43	4206596.03	1535.90787	0.00027	0.39119	3.38223E-06	2.7308E-04
610364.43	4206596.03	1563.84393	0.00027	0.39267	3.39502E-06	2.7800E-04
610371.43	4206596.03	1592.26616	0.00028	0.39407	3.40713E-06	2.8301E-04
610378.43	4206596.03	1621.24043	0.00028	0.39542	3.41880E-06	2.8811E-04
610385.43	4206596.03	1650.66585	0.00029	0.39671	3.42995E-06	2.9328E-04
610392.43	4206596.03	1680.61997	0.00030	0.39795	3.44067E-06	2.9855E-04
610399.43	4206596.03	1710.96057	0.00030	0.39913	3.45088E-06	3.0389E-04
610406.43	4206596.03	1741.83276	0.00031	0.40027	3.46073E-06	3.0932E-04
610413.43	4206596.03	1773.56854	0.00031	0.40152	3.47154E-06	3.1491E-04
610420.43	4206596.03	1805.82373	0.00032	0.40272	3.48192E-06	3.2058E-04
610427.43	4206596.03	1838.44747	0.00032	0.40384	3.49160E-06	3.2632E-04
610434.43	4206596.03	1871.4781	0.00033	0.40487	3.50050E-06	3.3213E-04
610441.43	4206596.03	1904.91891	0.00033	0.40584	3.50889E-06	3.3801E-04
610448.43	4206596.03	1938.79169	0.00034	0.40671	3.51641E-06	3.4396E-04
610455.43	4206596.03	1973.19204	0.00035	0.40752	3.52342E-06	3.5001E-04
610462.43	4206596.03	2008.09695	0.00035	0.40824	3.52964E-06	3.5615E-04
610469.43	4206596.03	2043.60947	0.00036	0.40889	3.53526E-06	3.6239E-04
610497.43	4206596.03	2193.24282	0.00039	0.41086	3.55229E-06	3.8868E-04
610504.43	4206596.03	2233.19641	0.00039	0.41122	3.55541E-06	3.9570E-04
610511.43	4206596.03	2274.66553	0.00040	0.41151	3.55791E-06	4.0298E-04
610518.43	4206596.03	2317.69538	0.00041	0.41176	3.56007E-06	4.1054E-04
610525.43	4206596.03	2362.59472	0.00041	0.41193	3.56154E-06	4.1843E-04
610532.43	4206596.03	2409.58438	0.00042	0.41206	3.56267E-06	4.2668E-04
610539.43	4206596.03	2458.93532	0.00043	0.41211	3.56310E-06	4.3535E-04
610546.43	4206596.03	2510.88695	0.00044	0.41212	3.56319E-06	4.4447E-04
610553.43	4206596.03	2565.82579	0.00045	0.41206	3.56267E-06	4.5412E-04
610560.43	4206596.03	2624.84515	0.00046	0.41187	3.56103E-06	4.6448E-04
610567.43	4206596.03	2687.72591	0.00047	0.41160	3.55869E-06	4.7552E-04
610574.43	4206596.03	2754.36664	0.00048	0.41126	3.55575E-06	4.8722E-04
610581.43	4206596.03	2825.16887	0.00050	0.41086	3.55229E-06	4.9965E-04
610588.43	4206596.03	2900.34534	0.00051	0.41040	3.54832E-06	5.1284E-04
610595.43	4206596.03	2979.96103	0.00052	0.40986	3.54365E-06	5.2682E-04
610602.43	4206596.03	3064.33808	0.00054	0.40925	3.53837E-06	5.4163E-04
610609.43	4206596.03	3153.10624	0.00055	0.40858	3.53258E-06	5.5720E-04
610616.43	4206596.03	3246.12861	0.00057	0.40784	3.52618E-06	5.7354E-04
610623.43	4206596.03	3343.94714	0.00059	0.40702	3.51909E-06	5.9071E-04
610630.43	4206596.03	3446.82833	0.00061	0.40610	3.51114E-06	6.0877E-04
610637.43	4206596.03	3554.69709	0.00062	0.40507	3.50223E-06	6.2770E-04
610644.43	4206596.03	3666.56456	0.00064	0.40397	3.49272E-06	6.4733E-04
610651.43	4206596.03	3782.12563	0.00066	0.40281	3.48269E-06	6.6762E-04
610658.43	4206596.03	3901.13483	0.00069	0.40158	3.47206E-06	6.8850E-04
610665.43	4206596.03	4022.81237	0.00071	0.40030	3.46099E-06	7.0986E-04
610672.43	4206596.03	4147.87709	0.00073	0.39894	3.44923E-06	7.3181E-04
610679.43	4206596.03	4275.72395	0.00075	0.39751	3.43687E-06	7.5424E-04
610686.43	4206596.03	4406.44281	0.00077	0.39602	3.42399E-06	7.7719E-04
610693.43	4206596.03	4539.88641	0.00080	0.39447	3.41059E-06	8.0060E-04

610700.43	4206596.03	4668.83935	0.00082	0.39291	3.39710E-06	8.2323E-04
610707.43	4206596.03	4797.16768	0.00084	0.39131	3.38326E-06	8.4576E-04
610714.43	4206596.03	4926.85389	0.00087	0.38965	3.36891E-06	8.6851E-04
610735.43	4206596.03	5326.08454	0.00094	0.38421	3.32188E-06	9.3857E-04
610742.43	4206596.03	5463.39313	0.00096	0.38225	3.30493E-06	9.6266E-04
610749.43	4206596.03	5603.37275	0.00098	0.38021	3.28729E-06	9.8723E-04
610756.43	4206596.03	5746.52417	0.00101	0.37808	3.26888E-06	1.0123E-03
610763.43	4206596.03	5893.37255	0.00103	0.37587	3.24977E-06	1.0381E-03
610770.43	4206596.03	6044.30098	0.00106	0.37356	3.22980E-06	1.0646E-03
610777.43	4206596.03	6199.74164	0.00109	0.37114	3.20887E-06	1.0919E-03
610784.43	4206596.03	6360.27287	0.00112	0.36861	3.18700E-06	1.1200E-03
610791.43	4206596.03	6526.13981	0.00115	0.36598	3.16426E-06	1.1491E-03
610798.43	4206596.03	6697.73878	0.00118	0.36325	3.14066E-06	1.1792E-03
610805.43	4206596.03	6875.2007	0.00121	0.36040	3.11602E-06	1.2104E-03
610812.43	4206596.03	7058.61894	0.00124	0.35744	3.09042E-06	1.2426E-03
610819.43	4206596.03	7247.99658	0.00127	0.35436	3.06379E-06	1.2758E-03
610826.43	4206596.03	7443.25283	0.00131	0.35117	3.03621E-06	1.3101E-03
610833.43	4206596.03	7644.19716	0.00134	0.34786	3.00760E-06	1.3453E-03
610840.43	4206596.03	7850.55287	0.00138	0.34443	2.97794E-06	1.3815E-03
610847.43	4206596.03	8061.74923	0.00142	0.34090	2.94742E-06	1.4186E-03
610854.43	4206596.03	8277.28258	0.00145	0.33726	2.91595E-06	1.4564E-03
610861.43	4206596.03	8496.52373	0.00149	0.33351	2.88353E-06	1.4949E-03
610868.43	4206596.03	8718.66075	0.00153	0.32967	2.85033E-06	1.5338E-03
610875.43	4206596.03	8942.90388	0.00157	0.32573	2.81626E-06	1.5732E-03
610882.43	4206596.03	9168.42969	0.00161	0.32172	2.78159E-06	1.6127E-03
610889.43	4206596.03	9394.28842	0.00165	0.31762	2.74614E-06	1.6524E-03
610910.43	4206596.03	10064.55892	0.00177	0.30495	2.63660E-06	1.7700E-03
610917.43	4206596.03	10282.417	0.00181	0.30062	2.59916E-06	1.8082E-03
610924.43	4206596.03	10496.24549	0.00184	0.29625	2.56138E-06	1.8457E-03
610931.43	4206596.03	10705.04664	0.00188	0.29186	2.52342E-06	1.8823E-03
610938.43	4206596.03	10908.05602	0.00192	0.28744	2.48520E-06	1.9179E-03
610945.43	4206596.03	11104.47883	0.00195	0.28300	2.44682E-06	1.9524E-03
610952.43	4206596.03	11293.75986	0.00198	0.27856	2.40843E-06	1.9856E-03
610959.43	4206596.03	11475.29587	0.00202	0.27410	2.36987E-06	2.0174E-03
610966.43	4206596.03	11648.49867	0.00205	0.26965	2.33139E-06	2.0478E-03
610973.43	4206596.03	11813.11362	0.00207	0.26521	2.29300E-06	2.0766E-03
610994.43	4206596.03	12250.87415	0.00215	0.25199	2.17870E-06	2.1534E-03
611001.43	4206596.03	12377.58239	0.00217	0.24762	2.14092E-06	2.1756E-03
611008.43	4206596.03	12494.26356	0.00219	0.24330	2.10357E-06	2.1961E-03
611015.43	4206596.03	12600.96498	0.00221	0.23900	2.06639E-06	2.2148E-03
611022.43	4206596.03	12697.74039	0.00223	0.23475	2.02965E-06	2.2317E-03
611029.43	4206596.03	12784.45658	0.00224	0.23053	1.99316E-06	2.2469E-03
611036.43	4206596.03	12861.4691	0.00226	0.22637	1.95719E-06	2.2604E-03
611043.43	4206596.03	12928.58488	0.00227	0.22225	1.92157E-06	2.2722E-03
611050.43	4206596.03	12986.07868	0.00228	0.21818	1.88638E-06	2.2822E-03
611057.43	4206596.03	13034.30397	0.00229	0.21416	1.85163E-06	2.2906E-03
611078.43	4206596.03	13124.44188	0.00230	0.20244	1.75030E-06	2.3064E-03
611085.43	4206596.03	13137.15995	0.00231	0.19865	1.71753E-06	2.3086E-03
611092.43	4206596.03	13141.74334	0.00231	0.19491	1.68519E-06	2.3093E-03
610294.43	4206603.03	1285.04012	0.00023	0.35972	3.11014E-06	2.2876E-04
610301.43	4206603.03	1307.50063	0.00023	0.36167	3.12700E-06	2.3272E-04
610308.43	4206603.03	1330.44375	0.00023	0.36357	3.14342E-06	2.3677E-04
610315.43	4206603.03	1353.93042	0.00024	0.36543	3.15951E-06	2.4091E-04
610322.43	4206603.03	1377.87845	0.00024	0.36725	3.17524E-06	2.4513E-04
610329.43	4206603.03	1402.35582	0.00025	0.36903	3.19063E-06	2.4944E-04
610336.43	4206603.03	1427.31025	0.00025	0.37075	3.20550E-06	2.5384E-04
610343.43	4206603.03	1452.80633	0.00026	0.37245	3.22020E-06	2.5833E-04
610350.43	4206603.03	1478.71365	0.00026	0.37407	3.23421E-06	2.6289E-04
610357.43	4206603.03	1505.14967	0.00026	0.37562	3.24761E-06	2.6755E-04
610364.43	4206603.03	1532.09	0.00027	0.37710	3.26040E-06	2.7229E-04
610371.43	4206603.03	1559.40841	0.00027	0.37850	3.27251E-06	2.7710E-04
610378.43	4206603.03	1587.28273	0.00028	0.37986	3.28427E-06	2.8201E-04
610385.43	4206603.03	1615.51879	0.00028	0.38115	3.29542E-06	2.8698E-04
610392.43	4206603.03	1644.22685	0.00029	0.38240	3.30623E-06	2.9203E-04
610399.43	4206603.03	1673.30685	0.00029	0.38359	3.31652E-06	2.9715E-04
610406.43	4206603.03	1702.80478	0.00030	0.38473	3.32637E-06	3.0234E-04
610413.43	4206603.03	1733.19927	0.00030	0.38603	3.33761E-06	3.0768E-04
610420.43	4206603.03	1763.96297	0.00031	0.38724	3.34808E-06	3.1310E-04
610427.43	4206603.03	1795.12679	0.00032	0.38839	3.35802E-06	3.1858E-04
610434.43	4206603.03	1826.59702	0.00032	0.38946	3.36727E-06	3.2411E-04
610441.43	4206603.03	1858.46518	0.00033	0.39045	3.37583E-06	3.2972E-04
610448.43	4206603.03	1890.72982	0.00033	0.39136	3.38370E-06	3.3539E-04
610455.43	4206603.03	1923.4516	0.00034	0.39220	3.39096E-06	3.4114E-04
610462.43	4206603.03	1956.64863	0.00034	0.39295	3.39744E-06	3.4698E-04
610469.43	4206603.03	1990.4793	0.00035	0.39363	3.40332E-06	3.5293E-04
610497.43	4206603.03	2132.94047	0.00037	0.39576	3.42174E-06	3.7796E-04
610504.43	4206603.03	2171.04259	0.00038	0.39617	3.42528E-06	3.8466E-04
610511.43	4206603.03	2210.56446	0.00039	0.39652	3.42831E-06	3.9160E-04
610518.43	4206603.03	2251.65711	0.00040	0.39681	3.43082E-06	3.9882E-04
610525.43	4206603.03	2294.54796	0.00040	0.39705	3.43289E-06	4.0635E-04
610532.43	4206603.03	2339.4123	0.00041	0.39724	3.43454E-06	4.1423E-04
610539.43	4206603.03	2386.62202	0.00042	0.39736	3.43557E-06	4.2252E-04
610546.43	4206603.03	2436.33831	0.00043	0.39743	3.43618E-06	4.3125E-04
610553.43	4206603.03	2488.89427	0.00044	0.39744	3.43626E-06	4.4048E-04
610560.43	4206603.03	2545.4478	0.00045	0.39733	3.43531E-06	4.5041E-04
610567.43	4206603.03	2605.4276	0.00046	0.39716	3.43384E-06	4.6094E-04
610574.43	4206603.03	2669.25834	0.00047	0.39691	3.43168E-06	4.7215E-04
610581.43	4206603.03	2736.89299	0.00048	0.39661	3.42909E-06	4.8402E-04
610588.43	4206603.03	2808.79565	0.00049	0.39623	3.42580E-06	4.9664E-04
610595.43	4206603.03	2884.73524	0.00051	0.39580	3.42208E-06	5.0998E-04
610602.43	4206603.03	2965.15597	0.00052	0.39529	3.41768E-06	5.2409E-04
610609.43	4206603.03	3049.52558	0.00054	0.39473	3.41283E-06	5.3890E-04
610616.43	4206603.03	3138.25555	0.00055	0.39408	3.40721E-06	5.5448E-04
610623.43	4206603.03	3230.91652	0.00057	0.39338	3.40116E-06	5.7074E-04
610630.43	4206603.03	3328.96543	0.00058	0.39254	3.39390E-06	5.8795E-04
610637.43	4206603.03	3431.68372	0.00060	0.39160	3.38577E-06	6.0598E-04
610644.43	4206603.03	3537.89281	0.00062	0.39061	3.37721E-06	6.2462E-04
610651.43	4206603.03	3647.73257	0.00064	0.38955	3.36805E-06	6.4390E-04
610658.43	4206603.03	3760.84558	0.00066	0.38842	3.35828E-06	6.6375E-04
610665.43	4206603.03	3876.36886	0.00068	0.38724	3.34808E-06	6.8403E-04
610672.43	4206603.03	3994.98161	0.00070	0.38598	3.33718E-06	7.0485E-04
610679.43	4206603.03	4115.65397	0.00072	0.38468	3.32594E-06	7.2603E-04
610686.43	4206603.03	4239.35368	0.00074	0.38331	3.31410E-06	7.4774E-04
610693.43	4206603.03	4364.9258	0.00077	0.38189	3.30182E-06	7.6977E-04
610700.43	4206603.03	4486.79451	0.00079	0.38046	3.28946E-06	7.9116E-04
610707.43	4206603.03	4607.28068	0.00081	0.37900	3.27683E-06	8.1231E-04
610714.43	4206603.03	4728.85683	0.00083	0.37748	3.26369E-06	8.3364E-04
610735.43	4206603.03	5101.68879	0.00090	0.37252	3.22081E-06	8.9907E-04
610742.43	4206603.03	5229.51358	0.00092	0.37073	3.20533E-06	9.2150E-04
610749.43	4206603.03	5359.62359	0.00094	0.36886	3.18916E-06	9.4433E-04
610756.43	4206603.03	5492.46103	0.00096	0.36692	3.17239E-06	9.6764E-04
610763.43	4206603.03	5628.4678	0.00099	0.36489	3.15484E-06	9.9150E-04
610770.43	4206603.03	5768.16428	0.00101	0.36279	3.13668E-06	1.0160E-03
610777.43	4206603.03	5911.98642	0.00104	0.36057	3.11749E-06	1.0412E-03
610784.43	4206603.03	6060.36882	0.00106	0.35826	3.09751E-06	1.0673E-03
610791.43	4206603.03	6213.62508	0.00109	0.35586	3.07676E-06	1.0942E-03
610798.43	4206603.03	6372.18231	0.00112	0.35336	3.05515E-06	1.1220E-03
610805.43	4206603.03	6536.21712	0.00115	0.35076	3.03267E-06	1.1508E-03
610812.43	4206603.03	6705.89093	0.00118	0.34805	3.00924E-06	1.1805E-03
610819.43	4206603.03	6881.2732	0.00121	0.34523	2.98486E-06	1.2113E-03
610826.43	4206603.03	7062.31356	0.00124	0.34231	2.95961E-06	1.2431E-03
610833.43	4206603.03	7248.92997	0.00127	0.33927	2.93333E-06	1.2758E-03
610840.43	4206603.03	7440.84803	0.00131	0.33613	2.90618E-06	1.3095E-03
610847.43	4206603.03	7637.69138	0.00134	0.33288	2.87808E-06	1.3440E-03
610854.43	4206603.03	7839.06644	0.00138	0.32953	2.84911E-06	1.3794E-03
610861.43	4206603.03	8044.3718	0.00141	0.32608	2.81929E-06	1.4154E-03
610868.43	4206603.03	8252.96607	0.00145	0.32253	2.78859E-06	1.4520E-03
610875.43	4206603.03	8464.13766	0.00149	0.31890	2.75721E-06	1.4890E-03
610882.43	4206603.03	8677.06561	0.00152	0.31518	2.72504E-06	1.5264E-03
610889.43	4206603.03	8890.94659	0.00156	0.31138	2.69219E-06	1.5639E-03
610910.43	4206603.03	9530.1892	0.00167	0.29958	2.59017E-06	1.6761E-03
610917.43	4206603.03	9739.49674	0.00171	0.29553	2.55515E-06	1.7128E-03
610924.43	4206603.03	9945.67953	0.00175	0.29144	2.51979E-06	1.7490E-03
610931.43	4206603.03	10147.77667	0.00178	0.28732	2.48417E-06	1.7844E-03
610938.43	4206603.03	10345.18416	0.00182	0.28317	2.44829E-06	1.8190E-03
610945.43	4206603.03	10536.98591	0.00185	0.27899	2.41215E-06	1.8527E-03
610952.43	4206603.03	10722.64976	0.00188	0.27479	2.37583E-06	1.8852E-03
610959.43	4206603.03	10901.62495	0.00191	0.27059	2.33952E-06	1.9166E-03
610966.43	4206603.03	11073.28703	0.00194	0.26637	2.30303E-06	1.9467E-03
610973.43	4206603.03	11237.18843	0.00197	0.26216	2.26663E-06	1.9755E-03
610994.43	4206603.03	11679.05835	0.00205	0.24958	2.15787E-06	2.0530E-03
611001.43	4206603.03	11808.60766	0.00207	0.24542	2.12190E-06	2.0757E-03
611008.43	4206603.03	11929.23547	0.00209	0.24128	2.08611E-06	2.0968E-03
611015.43	4206603.03	12040.55498	0.00211	0.23717	2.05057E-06	2.1163E-03
611022.43	4206603.03	12142.59906	0.00213	0.23309	2.01529E-06	2.1342E-03
611029.43	4206603.03	12235.40525	0.00215	0.22905	1.98037E-06	2.1505E-03
611036.43	4206603.03	12318.84243	0.00216	0.22504	1.94569E-06	2.1651E-03
611043.43	4206603.03	12393.12705	0.00218	0.22107	1.91137E-06	2.1781E-03
611050.43	4206603.03	12458.29433	0.00219	0.21715	1.87748E-06	2.1895E-03

611057.43	4206603.03	12514.503	0.00220	0.21327	1.84393E-06	2.1994E-03
611078.43	4206603.03	12631.29549	0.00222	0.20192	1.74580E-06	2.2198E-03
611085.43	4206603.03	12653.61837	0.00222	0.19824	1.71398E-06	2.2237E-03
611092.43	4206603.03	12667.9064	0.00222	0.19462	1.68268E-06	2.2261E-03
610294.43	4206610.03	1262.26484	0.00022	0.34507	2.98347E-06	2.2463E-04
610301.43	4206610.03	1284.11634	0.00023	0.34699	3.00007E-06	2.2849E-04
610308.43	4206610.03	1306.35966	0.00023	0.34887	3.01633E-06	2.3241E-04
610315.43	4206610.03	1329.14896	0.00023	0.35072	3.03232E-06	2.3643E-04
610322.43	4206610.03	1352.33414	0.00024	0.35251	3.04780E-06	2.4051E-04
610329.43	4206610.03	1376.05236	0.00024	0.35428	3.06310E-06	2.4469E-04
610336.43	4206610.03	1400.16844	0.00025	0.35599	3.07789E-06	2.4894E-04
610343.43	4206610.03	1424.72079	0.00025	0.35766	3.09233E-06	2.5327E-04
610350.43	4206610.03	1449.82397	0.00025	0.35928	3.10633E-06	2.5769E-04
610357.43	4206610.03	1475.28155	0.00026	0.36082	3.11965E-06	2.6218E-04
610364.43	4206610.03	1501.18398	0.00026	0.36231	3.13253E-06	2.6674E-04
610371.43	4206610.03	1527.52329	0.00027	0.36370	3.14455E-06	2.7137E-04
610378.43	4206610.03	1554.26298	0.00027	0.36507	3.15639E-06	2.7608E-04
610385.43	4206610.03	1581.36641	0.00028	0.36636	3.16755E-06	2.8085E-04
610392.43	4206610.03	1608.8473	0.00028	0.36761	3.17835E-06	2.8569E-04
610399.43	4206610.03	1636.75996	0.00029	0.36882	3.18882E-06	2.9060E-04
610406.43	4206610.03	1664.94692	0.00029	0.36997	3.19876E-06	2.9556E-04
610413.43	4206610.03	1694.01238	0.00030	0.37129	3.21017E-06	3.0067E-04
610420.43	4206610.03	1723.42531	0.00030	0.37253	3.22089E-06	3.0585E-04
610427.43	4206610.03	1753.10599	0.00031	0.37370	3.23101E-06	3.1107E-04
610434.43	4206610.03	1783.10495	0.00031	0.37479	3.24043E-06	3.1635E-04
610441.43	4206610.03	1813.48673	0.00032	0.37581	3.24925E-06	3.2169E-04
610448.43	4206610.03	1844.20445	0.00032	0.37675	3.25738E-06	3.2710E-04
610455.43	4206610.03	1875.35163	0.00033	0.37762	3.26490E-06	3.3257E-04
610462.43	4206610.03	1906.99348	0.00033	0.37841	3.27173E-06	3.3814E-04
610469.43	4206610.03	1939.12998	0.00034	0.37912	3.27787E-06	3.4378E-04
610497.43	4206610.03	2074.88231	0.00036	0.38140	3.29758E-06	3.6764E-04
610504.43	4206610.03	2111.28466	0.00037	0.38185	3.30147E-06	3.7404E-04
610511.43	4206610.03	2149.0255	0.00038	0.38225	3.30493E-06	3.8067E-04
610518.43	4206610.03	2188.27422	0.00038	0.38259	3.30787E-06	3.8756E-04
610525.43	4206610.03	2229.27978	0.00039	0.38288	3.31038E-06	3.9477E-04
610532.43	4206610.03	2272.23181	0.00040	0.38312	3.31245E-06	4.0231E-04
610539.43	4206610.03	2317.39222	0.00041	0.38331	3.31410E-06	4.1024E-04
610546.43	4206610.03	2365.05312	0.00042	0.38344	3.31522E-06	4.1861E-04
610553.43	4206610.03	2415.31125	0.00042	0.38351	3.31583E-06	4.2744E-04
610560.43	4206610.03	2469.46191	0.00043	0.38349	3.31565E-06	4.3695E-04
610567.43	4206610.03	2527.00197	0.00044	0.38339	3.31479E-06	4.4705E-04
610574.43	4206610.03	2587.93426	0.00045	0.38324	3.31349E-06	4.5775E-04
610581.43	4206610.03	2652.74886	0.00047	0.38302	3.31159E-06	4.6913E-04
610588.43	4206610.03	2721.40455	0.00048	0.38273	3.30908E-06	4.8118E-04
610595.43	4206610.03	2794.056	0.00049	0.38239	3.30614E-06	4.9394E-04
610602.43	4206610.03	2870.76492	0.00050	0.38198	3.30260E-06	5.0740E-04
610609.43	4206610.03	2951.35234	0.00052	0.38150	3.29845E-06	5.2155E-04
610616.43	4206610.03	3035.59375	0.00053	0.38097	3.29386E-06	5.3634E-04
610623.43	4206610.03	3123.89356	0.00055	0.38036	3.28859E-06	5.5184E-04
610630.43	4206610.03	3217.2346	0.00056	0.37961	3.28211E-06	5.6822E-04
610637.43	4206610.03	3314.87968	0.00058	0.37877	3.27484E-06	5.8536E-04
610644.43	4206610.03	3416.33165	0.00060	0.37785	3.26689E-06	6.0317E-04
610651.43	4206610.03	3520.63566	0.00062	0.37689	3.25859E-06	6.2147E-04
610658.43	4206610.03	3627.84253	0.00064	0.37586	3.24968E-06	6.4029E-04
610665.43	4206610.03	3738.02342	0.00066	0.37477	3.24026E-06	6.5963E-04
610672.43	4206610.03	3850.22313	0.00068	0.37363	3.23040E-06	6.7932E-04
610679.43	4206610.03	3964.71242	0.00070	0.37243	3.22003E-06	6.9941E-04
610686.43	4206610.03	4081.95408	0.00072	0.37116	3.20905E-06	7.1999E-04
610693.43	4206610.03	4200.86972	0.00074	0.36986	3.19781E-06	7.4086E-04
610700.43	4206610.03	4315.63193	0.00076	0.36856	3.18657E-06	7.6100E-04
610707.43	4206610.03	4428.92742	0.00078	0.36723	3.17507E-06	7.8088E-04
610714.43	4206610.03	4543.06217	0.00080	0.36585	3.16314E-06	8.0091E-04
610735.43	4206610.03	4891.92519	0.00086	0.36132	3.12397E-06	8.6214E-04
610742.43	4206610.03	5011.11488	0.00088	0.35968	3.10979E-06	8.8305E-04
610749.43	4206610.03	5132.22835	0.00090	0.35797	3.09501E-06	9.0430E-04
610756.43	4206610.03	5255.64914	0.00092	0.35620	3.07970E-06	9.2596E-04
610763.43	4206610.03	5381.93158	0.00095	0.35435	3.06371E-06	9.4812E-04
610770.43	4206610.03	5511.47989	0.00097	0.35242	3.04702E-06	9.7085E-04
610777.43	4206610.03	5644.64605	0.00099	0.35039	3.02947E-06	9.9422E-04
610784.43	4206610.03	5781.95794	0.00102	0.34828	3.01123E-06	1.0183E-03
610791.43	4206610.03	5923.76002	0.00104	0.34608	2.99221E-06	1.0432E-03
610798.43	4206610.03	6070.51168	0.00107	0.34380	2.97249E-06	1.0689E-03
610805.43	4206610.03	6222.28264	0.00109	0.34142	2.95192E-06	1.0956E-03
610812.43	4206610.03	6379.37598	0.00112	0.33894	2.93047E-06	1.1231E-03
610819.43	4206610.03	6541.85973	0.00115	0.33636	2.90817E-06	1.1516E-03
610826.43	4206610.03	6709.78768	0.00118	0.33368	2.88500E-06	1.1811E-03
610833.43	4206610.03	6883.11169	0.00121	0.33090	2.86096E-06	1.2115E-03
610840.43	4206610.03	7061.66978	0.00124	0.32801	2.83597E-06	1.2428E-03
610847.43	4206610.03	7245.1531	0.00127	0.32502	2.81012E-06	1.2750E-03
610854.43	4206610.03	7433.23423	0.00131	0.32194	2.78349E-06	1.3080E-03
610861.43	4206610.03	7625.37139	0.00134	0.31876	2.75600E-06	1.3418E-03
610868.43	4206610.03	7821.03428	0.00137	0.31549	2.72772E-06	1.3761E-03
610875.43	4206610.03	8019.63904	0.00141	0.31213	2.69867E-06	1.4109E-03
610882.43	4206610.03	8220.50655	0.00144	0.30869	2.66893E-06	1.4462E-03
610889.43	4206610.03	8422.95587	0.00148	0.30517	2.63850E-06	1.4817E-03
610910.43	4206610.03	9031.5002	0.00159	0.29419	2.54357E-06	1.5885E-03
610917.43	4206610.03	9232.18073	0.00162	0.29041	2.51088E-06	1.6237E-03
610924.43	4206610.03	9430.40357	0.00166	0.28658	2.47777E-06	1.6584E-03
610931.43	4206610.03	9625.56925	0.00169	0.28272	2.44440E-06	1.6927E-03
610938.43	4206610.03	9816.79443	0.00172	0.27882	2.41068E-06	1.7262E-03
610945.43	4206610.03	10003.48068	0.00176	0.27489	2.37670E-06	1.7590E-03
610952.43	4206610.03	10184.92735	0.00179	0.27093	2.34246E-06	1.7908E-03
610959.43	4206610.03	10360.58896	0.00182	0.26696	2.30813E-06	1.8216E-03
610966.43	4206610.03	10529.92046	0.00185	0.26298	2.27372E-06	1.8513E-03
610973.43	4206610.03	10692.47336	0.00188	0.25899	2.23923E-06	1.8798E-03
610994.43	4206610.03	11135.34944	0.00196	0.24703	2.13582E-06	1.9575E-03
611001.43	4206610.03	11267.00137	0.00198	0.24307	2.10158E-06	1.9806E-03
611008.43	4206610.03	11390.36035	0.00200	0.23912	2.06743E-06	2.0022E-03
611015.43	4206610.03	11505.20986	0.00202	0.23519	2.03345E-06	2.0223E-03
611022.43	4206610.03	11611.49886	0.00204	0.23128	1.99965E-06	2.0410E-03
611029.43	4206610.03	11709.1126	0.00206	0.22740	1.96610E-06	2.0581E-03
611036.43	4206610.03	11797.98093	0.00207	0.22355	1.93281E-06	2.0736E-03
611043.43	4206610.03	11878.36909	0.00209	0.21974	1.89987E-06	2.0877E-03
611050.43	4206610.03	11950.00846	0.00210	0.21596	1.86719E-06	2.1003E-03
611057.43	4206610.03	12013.2279	0.00211	0.21222	1.83485E-06	2.1113E-03
611078.43	4206610.03	12153.58691	0.00213	0.20125	1.74001E-06	2.1359E-03
611085.43	4206610.03	12184.39378	0.00214	0.19769	1.70923E-06	2.1413E-03
611092.43	4206610.03	12207.42992	0.00214	0.19417	1.67879E-06	2.1453E-03
610294.43	4206617.03	1240.16739	0.00022	0.33114	2.86303E-06	2.2063E-04
610301.43	4206617.03	1261.38432	0.00022	0.33304	2.87946E-06	2.2438E-04
610308.43	4206617.03	1282.96466	0.00023	0.33490	2.89554E-06	2.2818E-04
610315.43	4206617.03	1305.05788	0.00023	0.33673	2.91137E-06	2.3208E-04
610322.43	4206617.03	1327.51349	0.00023	0.33850	2.92667E-06	2.3604E-04
610329.43	4206617.03	1350.40421	0.00024	0.34024	2.94171E-06	2.4007E-04
610336.43	4206617.03	1373.76581	0.00024	0.34195	2.95650E-06	2.4419E-04
610343.43	4206617.03	1397.5084	0.00025	0.34360	2.97076E-06	2.4837E-04
610350.43	4206617.03	1421.67244	0.00025	0.34521	2.98468E-06	2.5263E-04
610357.43	4206617.03	1446.2018	0.00025	0.34675	2.99800E-06	2.5695E-04
610364.43	4206617.03	1471.18237	0.00026	0.34823	3.01079E-06	2.6135E-04
610371.43	4206617.03	1496.47376	0.00026	0.34962	3.02281E-06	2.6580E-04
610378.43	4206617.03	1522.12483	0.00027	0.35097	3.03448E-06	2.7032E-04
610385.43	4206617.03	1548.17363	0.00027	0.35229	3.04590E-06	2.7490E-04
610392.43	4206617.03	1574.52772	0.00028	0.35354	3.05671E-06	2.7954E-04
610399.43	4206617.03	1601.21158	0.00028	0.35476	3.06725E-06	2.8424E-04
610406.43	4206617.03	1628.19034	0.00029	0.35591	3.07720E-06	2.8898E-04
610413.43	4206617.03	1655.98898	0.00029	0.35725	3.08878E-06	2.9388E-04
610420.43	4206617.03	1684.02369	0.00030	0.35851	3.09968E-06	2.9881E-04
610427.43	4206617.03	1712.34677	0.00030	0.35971	3.11005E-06	3.0379E-04
610434.43	4206617.03	1741.00437	0.00031	0.36083	3.11973E-06	3.0884E-04
610441.43	4206617.03	1769.89833	0.00031	0.36188	3.12881E-06	3.1392E-04
610448.43	4206617.03	1799.16823	0.00032	0.36284	3.13711E-06	3.1907E-04
610455.43	4206617.03	1828.85303	0.00032	0.36374	3.14489E-06	3.2429E-04
610462.43	4206617.03	1858.97708	0.00033	0.36455	3.15190E-06	3.2958E-04
610469.43	4206617.03	1889.63748	0.00033	0.36529	3.15830E-06	3.3497E-04
610497.43	4206617.03	2019.10563	0.00035	0.36771	3.17922E-06	3.5773E-04
610504.43	4206617.03	2053.84867	0.00036	0.36820	3.18346E-06	3.6383E-04
610511.43	4206617.03	2089.90148	0.00037	0.36864	3.18726E-06	3.7017E-04
610518.43	4206617.03	2127.50458	0.00037	0.36903	3.19063E-06	3.7678E-04
610525.43	4206617.03	2166.71279	0.00038	0.36938	3.19366E-06	3.8366E-04
610532.43	4206617.03	2207.85789	0.00039	0.36967	3.19617E-06	3.9089E-04
610539.43	4206617.03	2251.18535	0.00040	0.36990	3.19815E-06	3.9850E-04
610546.43	4206617.03	2296.73223	0.00040	0.37009	3.19980E-06	4.0650E-04
610553.43	4206617.03	2344.97355	0.00041	0.37023	3.20101E-06	4.1497E-04
610560.43	4206617.03	2396.85636	0.00042	0.37027	3.20135E-06	4.2408E-04
610567.43	4206617.03	2451.95231	0.00043	0.37026	3.20127E-06	4.3376E-04
610574.43	4206617.03	2510.41736	0.00044	0.37018	3.20057E-06	4.4402E-04
610581.43	4206617.03	2572.44166	0.00045	0.37004	3.19936E-06	4.5491E-04
610588.43	4206617.03	2638.10413	0.00046	0.36984	3.19763E-06	4.6644E-04
610595.43	4206617.03	2707.69019	0.00048	0.36958	3.19539E-06	4.7866E-04

610602.43	4206617.03	2780.87761	0.00049	0.36925	3.19253E-06	4.9151E-04
610609.43	4206617.03	2857.7427	0.00050	0.36887	3.18925E-06	5.0500E-04
610616.43	4206617.03	2938.17715	0.00052	0.36842	3.18536E-06	5.1912E-04
610623.43	4206617.03	3022.22565	0.00053	0.36791	3.18095E-06	5.3388E-04
610630.43	4206617.03	3111.1365	0.00055	0.36726	3.17533E-06	5.4948E-04
610637.43	4206617.03	3204.39609	0.00056	0.36650	3.16876E-06	5.6585E-04
610644.43	4206617.03	3300.82689	0.00058	0.36568	3.16167E-06	5.8278E-04
610651.43	4206617.03	3401.24737	0.00060	0.36479	3.15397E-06	6.0023E-04
610658.43	4206617.03	3502.31688	0.00061	0.36385	3.14585E-06	6.1814E-04
610665.43	4206617.03	3606.80499	0.00063	0.36286	3.13729E-06	6.3648E-04
610672.43	4206617.03	3713.89694	0.00065	0.36180	3.12812E-06	6.5528E-04
610679.43	4206617.03	3822.66864	0.00067	0.36070	3.11861E-06	6.7437E-04
610686.43	4206617.03	3933.48774	0.00069	0.35955	3.10867E-06	6.9382E-04
610693.43	4206617.03	4046.26846	0.00071	0.35836	3.09838E-06	7.1361E-04
610700.43	4206617.03	4154.48235	0.00073	0.35717	3.08809E-06	7.3261E-04
610707.43	4206617.03	4261.16833	0.00075	0.35596	3.07763E-06	7.5133E-04
610714.43	4206617.03	4368.47238	0.00077	0.35470	3.06673E-06	7.7016E-04
610735.43	4206617.03	4695.39267	0.00082	0.35057	3.03103E-06	8.2753E-04
610742.43	4206617.03	4806.7433	0.00084	0.34907	3.01806E-06	8.4707E-04
610749.43	4206617.03	4919.68467	0.00086	0.34751	3.00457E-06	8.6689E-04
610756.43	4206617.03	5034.63938	0.00088	0.34589	2.99056E-06	8.8706E-04
610763.43	4206617.03	5152.06889	0.00090	0.34420	2.97595E-06	9.0767E-04
610770.43	4206617.03	5272.3236	0.00093	0.34244	2.96073E-06	9.2877E-04
610777.43	4206617.03	5395.83697	0.00095	0.34059	2.94474E-06	9.5044E-04
610784.43	4206617.03	5523.15097	0.00097	0.33865	2.92797E-06	9.7278E-04
610791.43	4206617.03	5654.50052	0.00099	0.33664	2.91059E-06	9.9583E-04
610798.43	4206617.03	5790.38657	0.00102	0.33455	2.89252E-06	1.0197E-03
610805.43	4206617.03	5930.98109	0.00104	0.33237	2.87367E-06	1.0443E-03
610812.43	4206617.03	6076.56825	0.00107	0.33010	2.85404E-06	1.0699E-03
610819.43	4206617.03	6227.23563	0.00109	0.32774	2.83364E-06	1.0963E-03
610826.43	4206617.03	6383.05076	0.00112	0.32528	2.81237E-06	1.1237E-03
610833.43	4206617.03	6544.10236	0.00115	0.32273	2.79032E-06	1.1519E-03
610840.43	4206617.03	6710.19079	0.00118	0.32008	2.76741E-06	1.1811E-03
610847.43	4206617.03	6881.15797	0.00121	0.31734	2.74372E-06	1.2111E-03
610854.43	4206617.03	7056.78513	0.00124	0.31450	2.71917E-06	1.2419E-03
610861.43	4206617.03	7236.60566	0.00127	0.31158	2.69392E-06	1.2734E-03
610868.43	4206617.03	7420.17633	0.00130	0.30856	2.66781E-06	1.3056E-03
610875.43	4206617.03	7606.90424	0.00134	0.30545	2.64092E-06	1.3384E-03
610882.43	4206617.03	7796.21027	0.00137	0.30227	2.61342E-06	1.3716E-03
610889.43	4206617.03	7987.4502	0.00140	0.29900	2.58515E-06	1.4052E-03
610910.43	4206617.03	8565.91326	0.00150	0.28879	2.49688E-06	1.5067E-03
610917.43	4206617.03	8757.86708	0.00154	0.28527	2.46644E-06	1.5403E-03
610924.43	4206617.03	8948.19429	0.00157	0.28169	2.43549E-06	1.5737E-03
610931.43	4206617.03	9136.0889	0.00160	0.27807	2.40419E-06	1.6067E-03
610938.43	4206617.03	9320.86208	0.00164	0.27441	2.37255E-06	1.6391E-03
610945.43	4206617.03	9502.01725	0.00167	0.27071	2.34056E-06	1.6709E-03
610952.43	4206617.03	9678.71806	0.00170	0.26699	2.30839E-06	1.7019E-03
610959.43	4206617.03	9850.58504	0.00173	0.26325	2.27606E-06	1.7320E-03
610966.43	4206617.03	10016.97722	0.00176	0.25948	2.24346E-06	1.7612E-03
610973.43	4206617.03	10177.35498	0.00179	0.25571	2.21087E-06	1.7893E-03
610994.43	4206617.03	10618.81236	0.00186	0.24436	2.11274E-06	1.8668E-03
611001.43	4206617.03	10751.63974	0.00189	0.24058	2.08005E-06	1.8900E-03
611008.43	4206617.03	10876.79213	0.00191	0.23682	2.04754E-06	1.9120E-03
611015.43	4206617.03	10994.2458	0.00193	0.23306	2.01504E-06	1.9326E-03
611022.43	4206617.03	11103.74518	0.00195	0.22933	1.98279E-06	1.9518E-03
611029.43	4206617.03	11205.21392	0.00197	0.22561	1.95062E-06	1.9696E-03
611036.43	4206617.03	11298.63858	0.00198	0.22192	1.91872E-06	1.9859E-03
611043.43	4206617.03	11383.89699	0.00200	0.21826	1.88707E-06	2.0009E-03
611050.43	4206617.03	11461.16377	0.00201	0.21462	1.85560E-06	2.0144E-03
611057.43	4206617.03	11530.38944	0.00202	0.21102	1.82448E-06	2.0265E-03
611078.43	4206617.03	11691.28345	0.00205	0.20043	1.73292E-06	2.0547E-03
611085.43	4206617.03	11729.61516	0.00206	0.19698	1.70309E-06	2.0614E-03
611092.43	4206617.03	11760.59183	0.00207	0.19357	1.67361E-06	2.0668E-03
610047.65	4206286.3	1669.13837	0.00029	4.82044	4.16775E-05	3.3477E-04
610039.73	4206286.73	1631.50572	0.00029	4.91716	4.25137E-05	3.2900E-04
610043.53	4206284.3	1658.03588	0.00029	4.49113	3.88303E-05	3.2998E-04
610039.41	4206281.55	1649.88163	0.00029	4.09589	3.54130E-05	3.2513E-04
610047.33	4206280.92	1688.97156	0.00030	3.99660	3.45546E-05	3.3113E-04
610056.94	4206274.55	1761.6126	0.00031	3.28196	2.83758E-05	3.3771E-04
610016.6	4206276.59	1568.34672	0.00028	3.54091	3.06147E-05	3.0601E-04
610010.58	4206276.91	1542.25637	0.00027	3.58262	3.09753E-05	3.0179E-04
609990.09	4206276.91	1461.70271	0.00026	3.60158	3.11392E-05	2.8781E-04
609997.17	4206277.12	1488.11098	0.00026	3.61814	3.12824E-05	2.9259E-04
610003.29	4206276.8	1513.1878	0.00027	3.57801	3.09355E-05	2.9665E-04
610016.87	4206272.41	1584.06048	0.00028	3.13993	2.71478E-05	3.0531E-04
610010.86	4206272.72	1557.65023	0.00027	3.17461	2.74477E-05	3.0097E-04
609990.37	4206272.72	1475.83562	0.00026	3.19295	2.76062E-05	2.8676E-04
609997.44	4206272.93	1502.62638	0.00026	3.20651	2.77235E-05	2.9158E-04
610003.57	4206272.62	1528.08873	0.00027	3.17417	2.74439E-05	2.9577E-04
610016.77	4206267.65	1600.28161	0.00028	2.76913	2.39419E-05	3.0495E-04
610010.75	4206267.97	1573.37895	0.00028	2.79893	2.41995E-05	3.0048E-04
609990.26	4206267.97	1490.26013	0.00026	2.81885	2.43718E-05	2.8606E-04
609997.34	4206268.18	1517.52085	0.00027	2.82831	2.44536E-05	2.9093E-04
610003.46	4206267.87	1543.33672	0.00027	2.80027	2.42111E-05	2.9522E-04
610053.21	4206274.91	1741.64056	0.00031	3.31869	2.86934E-05	3.3452E-04
610060.84	4206274.45	1781.82639	0.00031	3.27033	2.82753E-05	3.4116E-04
610056.81	4206270.86	1775.53476	0.00031	2.96553	2.56400E-05	3.3742E-04
610053.08	4206271.22	1755.32311	0.00031	2.99567	2.59005E-05	3.3413E-04
610060.71	4206270.76	1796.00141	0.00032	2.95618	2.55591E-05	3.4093E-04
610056.43	4206267.19	1788.08746	0.00031	2.70182	2.33599E-05	3.3734E-04
610052.7	4206267.55	1767.54287	0.00031	2.72687	2.35765E-05	3.3395E-04
610060.33	4206267.1	1808.74253	0.00032	2.69455	2.32971E-05	3.4091E-04
610056.05	4206263.23	1801.76497	0.00032	2.46046	2.12731E-05	3.3766E-04
610052.32	4206263.59	1780.98717	0.00031	2.48160	2.14559E-05	3.3419E-04
610059.95	4206263.13	1822.71088	0.00032	2.45378	2.12154E-05	3.4128E-04
609925.72	4206285.31	1226.86227	0.00022	4.86992	4.21053E-05	2.5754E-04
609918.48	4206285.06	1206.96078	0.00021	4.83456	4.17996E-05	2.5374E-04
609939	4206285.67	1264.96789	0.00022	4.91556	4.24999E-05	2.6463E-04
609932.14	4206285.33	1245.43393	0.00022	4.86387	4.20530E-05	2.6075E-04
609926.48	4206290.44	1216.70997	0.00021	5.97461	5.16564E-05	2.6531E-04
609919.24	4206290.19	1197.08654	0.00021	5.92747	5.12489E-05	2.6145E-04
609939.76	4206290.8	1254.27546	0.00022	6.03419	5.21716E-05	2.7242E-04
609932.9	4206290.46	1235.02737	0.00022	5.96528	5.15758E-05	2.6844E-04
609921.43	4206281.32	1224.09698	0.00021	4.22544	3.65331E-05	2.5148E-04
609920.74	4206293.38	1193.74995	0.00021	6.79956	5.87890E-05	2.6841E-04
609896.52	4206280.85	1157.01364	0.00020	4.17878	3.61297E-05	2.3930E-04
609903.36	4206280.73	1175.39771	0.00021	4.15640	3.59362E-05	2.4233E-04
609887.95	4206283.34	1128.92141	0.00020	4.57000	3.95122E-05	2.3775E-04
609887.82	4206278	1139.29956	0.00020	3.81311	3.29681E-05	2.3303E-04
609913.97	4206339.55	1071.04873	0.00019	4.93272	4.26483E-05	2.3072E-04
609908.27	4206339.66	1057.85962	0.00019	4.88736	4.22561E-05	2.2801E-04
609880.81	4206325.4	1027.19713	0.00018	8.09130	6.99573E-05	2.5033E-04
609873.42	4206326.35	1009.3179	0.00018	7.72097	6.67555E-05	2.4399E-04
609876.48	4206330.05	1008.7715	0.00018	6.65783	5.75636E-05	2.3470E-04
609879.23	4206335.33	1004.11061	0.00018	5.49085	4.74739E-05	2.2379E-04
609874.37	4206334.8	995.13645	0.00017	5.56894	4.81490E-05	2.2289E-04
609706.71	4206240.52	835.25665	0.00015	1.38143	1.19438E-05	1.5861E-04
609714.61	4206240.72	847.37681	0.00015	1.42015	1.22786E-05	1.6108E-04
609688.36	4206319.93	712.9018	0.00013	5.22742	4.51962E-05	1.7038E-04
609697.23	4206319.93	723.91823	0.00013	6.41552	5.54686E-05	1.8259E-04
609706.1	4206319.93	735.18676	0.00013	7.21003	6.23379E-05	1.9144E-04
609714.97	4206319.93	746.75805	0.00013	7.74479	6.69614E-05	1.9809E-04
609723.84	4206319.93	758.62369	0.00013	8.12709	7.02668E-05	2.0348E-04
609732.71	4206319.93	770.79873	0.00014	8.41496	7.27557E-05	2.0811E-04
609741.58	4206319.93	783.29725	0.00014	8.64413	7.47371E-05	2.1228E-04
609750.45	4206319.93	796.13156	0.00014	8.83586	7.63948E-05	2.1619E-04
609759.32	4206319.93	809.43785	0.00014	8.97656	7.76113E-05	2.1975E-04
609768.19	4206319.93	823.13632	0.00014	9.10682	7.87375E-05	2.2328E-04
609777.06	4206319.93	837.2205	0.00015	9.23424	7.98392E-05	2.2685E-04
609785.93	4206319.93	851.70663	0.00015	9.35461	8.08799E-05	2.3044E-04
609794.8	4206319.93	866.61007	0.00015	9.46722	8.18535E-05	2.3403E-04
609803.67	4206319.93	881.97443	0.00015	9.56602	8.27078E-05	2.3758E-04
609812.54	4206319.93	897.75248	0.00016	9.66629	8.35747E-05	2.4122E-04
609821.41	4206319.93	913.99695	0.00016	9.76013	8.43860E-05	2.4488E-04
609830.28	4206319.93	930.8748	0.00016	9.82993	8.49895E-05	2.4845E-04
609839.15	4206319.93	948.364	0.00017	9.89278	8.55329E-05	2.5206E-04
609848.02	4206319.93	966.41957	0.00017	9.96222	8.61333E-05	2.5583E-04
609856.89	4206319.93	985.06236	0.00017	10.03258	8.67416E-05	2.5972E-04
609688.36	4206326.9	705.7465	0.00012	3.33951	2.88734E-05	1.5280E-04
609697.23	4206326.9	716.5694	0.00013	4.17699	3.61142E-05	1.6194E-04
609706.1	4206326.9	727.6571	0.00013	4.82680	4.17325E-05	1.6951E-04
609714.97	4206326.9	739.0257	0.00013	5.30719	4.58859E-05	1.7566E-04
609723.84	4206326.9	750.66977	0.00013	5.66911	4.90151E-05	1.8083E-04
609732.71	4206326.9	762.64041	0.00013	5.94539	5.14038E-05	1.8532E-04
609741.58	4206326.9	774.92456	0.00014	6.16564	5.33081E-05	1.8938E-04
609750.45	4206326.9	787.53272	0.00014	6.34778	5.48829E-05	1.9317E-04
609759.32	4206326.9	800.57443	0.00014	6.49342	5.61421E-05	1.9672E-04
609768.19	4206326.9	814.02688	0.00014	6.61748	5.72147E-05	2.0016E-04
609777.06	4206326.9	827.82842	0.00015	6.73303	5.82137E-05	2.0358E-04

609785.93	4206326.9	842.01457	0.00015	6.83894	5.91294E-05	2.0699E-04
609794.8	4206326.9	856.59891	0.00015	6.93647	5.99727E-05	2.1039E-04
609803.67	4206326.9	871.63247	0.00015	7.02392	6.07288E-05	2.1379E-04
609812.54	4206326.9	887.07366	0.00016	7.10872	6.14620E-05	2.1723E-04
609821.41	4206326.9	902.96926	0.00016	7.18964	6.21616E-05	2.2072E-04
609830.28	4206326.9	919.51876	0.00016	7.25320	6.27111E-05	2.2418E-04
609839.15	4206326.9	936.65975	0.00016	7.31158	6.32159E-05	2.2769E-04
609848.02	4206326.9	954.34641	0.00017	7.37113	6.37308E-05	2.3131E-04
609856.89	4206326.9	972.61228	0.00017	7.43100	6.42484E-05	2.3504E-04
609688.36	4206333.87	698.56126	0.00012	2.28564	1.97616E-05	1.4243E-04
609697.23	4206333.87	709.20279	0.00012	2.84088	2.45622E-05	1.4910E-04
609706.1	4206333.87	720.1102	0.00013	3.33428	2.88282E-05	1.5528E-04
609714.97	4206333.87	731.29174	0.00013	3.73567	3.22986E-05	1.6071E-04
609723.84	4206333.87	742.75763	0.00013	4.05410	3.50517E-05	1.6548E-04
609732.71	4206333.87	754.49471	0.00013	4.30909	3.72564E-05	1.6974E-04
609741.58	4206333.87	766.55718	0.00013	4.51504	3.90370E-05	1.7364E-04
609750.45	4206333.87	778.93801	0.00014	4.68559	4.05116E-05	1.7729E-04
609759.32	4206333.87	791.74305	0.00014	4.82521	4.17187E-05	1.8075E-04
609768.19	4206333.87	804.89533	0.00014	4.94584	4.27617E-05	1.8410E-04
609777.06	4206333.87	818.40644	0.00014	5.05233	4.36824E-05	1.8739E-04
609785.93	4206333.87	832.32346	0.00015	5.14621	4.44941E-05	1.9065E-04
609794.8	4206333.87	846.60626	0.00015	5.23231	4.52385E-05	1.9390E-04
609803.67	4206333.87	861.29244	0.00015	5.31087	4.59178E-05	1.9716E-04
609812.54	4206333.87	876.43168	0.00015	5.38145	4.65280E-05	2.0043E-04
609821.41	4206333.87	891.97826	0.00016	5.44854	4.71081E-05	2.0374E-04
609830.28	4206333.87	908.15685	0.00016	5.50615	4.76061E-05	2.0708E-04
609839.15	4206333.87	924.98596	0.00016	5.55685	4.80445E-05	2.1047E-04
609848.02	4206333.87	942.31179	0.00017	5.60767	4.84839E-05	2.1395E-04
609856.89	4206333.87	960.1994	0.00017	5.65784	4.89177E-05	2.1753E-04
609688.36	4206340.84	691.37683	0.00012	1.67672	1.44969E-05	1.3590E-04
609697.23	4206340.84	701.83862	0.00012	2.04668	1.76956E-05	1.4094E-04
609706.1	4206340.84	712.55517	0.00013	2.40946	2.08322E-05	1.4596E-04
609714.97	4206340.84	723.53739	0.00013	2.73112	2.36133E-05	1.5066E-04
609723.84	4206340.84	734.79674	0.00013	3.00281	2.59623E-05	1.5499E-04
609732.71	4206340.84	746.34245	0.00013	3.22918	2.79195E-05	1.5898E-04
609741.58	4206340.84	758.18553	0.00013	3.41804	2.95524E-05	1.6269E-04
609750.45	4206340.84	770.31181	0.00014	3.57770	3.09328E-05	1.6620E-04
609759.32	4206340.84	782.85495	0.00014	3.71125	3.20874E-05	1.6956E-04
609768.19	4206340.84	795.76873	0.00014	3.82550	3.30753E-05	1.7281E-04
609777.06	4206340.84	809.0083	0.00014	3.92588	3.39431E-05	1.7600E-04
609785.93	4206340.84	822.6114	0.00014	4.01484	3.47123E-05	1.7916E-04
609794.8	4206340.84	836.62034	0.00015	4.09360	3.53932E-05	1.8230E-04
609803.67	4206340.84	850.99125	0.00015	4.16506	3.60111E-05	1.8544E-04
609812.54	4206340.84	865.79549	0.00015	4.22976	3.65705E-05	1.8860E-04
609821.41	4206340.84	880.99521	0.00015	4.28927	3.70850E-05	1.9179E-04
609830.28	4206340.84	896.84905	0.00016	4.34150	3.75366E-05	1.9502E-04
609839.15	4206340.84	913.30318	0.00016	4.38930	3.79499E-05	1.9832E-04
609848.02	4206340.84	930.32141	0.00016	4.43458	3.83414E-05	2.0170E-04
609856.89	4206340.84	947.84831	0.00017	4.47915	3.87267E-05	2.0517E-04
609688.36	4206347.81	684.20807	0.00012	1.29665	1.12108E-05	1.3136E-04
609697.23	4206347.81	694.4637	0.00012	1.55087	1.34088E-05	1.3536E-04
609706.1	4206347.81	704.98703	0.00012	1.81645	1.57050E-05	1.3950E-04
609714.97	4206347.81	715.77127	0.00013	2.06869	1.78859E-05	1.4357E-04
609723.84	4206347.81	726.82391	0.00013	2.29482	1.98410E-05	1.4747E-04
609732.71	4206347.81	738.15694	0.00013	2.49196	2.15455E-05	1.5116E-04
609741.58	4206347.81	749.78561	0.00013	2.66192	2.30149E-05	1.5468E-04
609750.45	4206347.81	761.71844	0.00013	2.80833	2.42808E-05	1.5804E-04
609759.32	4206347.81	774.01298	0.00014	2.93393	2.53667E-05	1.6128E-04
609768.19	4206347.81	786.63371	0.00014	3.04299	2.63097E-05	1.6444E-04
6097777.06	4206347.81	799.62153	0.00014	3.13829	2.71336E-05	1.6755E-04
609785.93	4206347.81	812.93091	0.00014	3.22262	2.78628E-05	1.7061E-04
609794.8	4206347.81	826.63017	0.00015	3.29750	2.85102E-05	1.7366E-04
609803.67	4206347.81	840.67989	0.00015	3.36498	2.90936E-05	1.7672E-04
609812.54	4206347.81	855.16036	0.00015	3.42556	2.96174E-05	1.7978E-04
609821.41	4206347.81	870.02286	0.00015	3.48130	3.00993E-05	1.8287E-04
609830.28	4206347.81	885.55934	0.00016	3.53063	3.05258E-05	1.8603E-04
609839.15	4206347.81	901.67962	0.00016	3.57609	3.09189E-05	1.8925E-04
609848.02	4206347.81	918.30326	0.00016	3.61924	3.12919E-05	1.9254E-04
609856.89	4206347.81	935.46178	0.00016	3.66077	3.16510E-05	1.9592E-04
609688.36	4206354.78	677.06681	0.00012	1.04221	9.01094E-06	1.2790E-04
609697.23	4206354.78	687.16007	0.00012	1.22322	1.05760E-05	1.3124E-04
609706.1	4206354.78	697.47731	0.00012	1.41972	1.22749E-05	1.3475E-04
609714.97	4206354.78	708.07048	0.00012	1.61620	1.39737E-05	1.3831E-04
609723.84	4206354.78	718.92736	0.00013	1.80152	1.55759E-05	1.4182E-04
609732.71	4206354.78	730.06024	0.00013	1.96997	1.70324E-05	1.4523E-04
609741.58	4206354.78	741.47291	0.00013	2.12023	1.83315E-05	1.4853E-04
609750.45	4206354.78	753.17948	0.00013	2.25289	1.94785E-05	1.5174E-04
609759.32	4206354.78	765.21207	0.00013	2.36934	2.04853E-05	1.5485E-04
609768.19	4206354.78	777.58279	0.00014	2.47182	2.13713E-05	1.5791E-04
609777.06	4206354.78	790.25508	0.00014	2.56238	2.21543E-05	1.6092E-04
609785.93	4206354.78	803.29855	0.00014	2.64276	2.28493E-05	1.6391E-04
609794.8	4206354.78	816.67239	0.00014	2.71456	2.34701E-05	1.6688E-04
609803.67	4206354.78	830.44336	0.00015	2.77894	2.40267E-05	1.6985E-04
609812.54	4206354.78	844.59885	0.00015	2.83705	2.45291E-05	1.7284E-04
609821.41	4206354.78	859.15328	0.00015	2.88975	2.49848E-05	1.7585E-04
609830.28	4206354.78	874.33337	0.00015	2.93763	2.53987E-05	1.7893E-04
609839.15	4206354.78	890.11676	0.00016	2.98173	2.57800E-05	1.8208E-04
609848.02	4206354.78	906.39486	0.00016	3.02328	2.61393E-05	1.8530E-04
609856.89	4206354.78	923.18763	0.00016	3.06312	2.64837E-05	1.8859E-04
609688.36	4206361.75	669.91883	0.00012	0.86221	7.45466E-06	1.2509E-04
609697.23	4206361.75	679.83262	0.00012	0.99570	8.60882E-06	1.2799E-04
609706.1	4206361.75	689.98516	0.00012	1.14340	9.88583E-06	1.3105E-04
609714.97	4206361.75	700.38516	0.00012	1.29677	1.12119E-05	1.3420E-04
609723.84	4206361.75	711.0223	0.00012	1.44748	1.25149E-05	1.3737E-04
609732.71	4206361.75	721.94501	0.00013	1.58963	1.37439E-05	1.4052E-04
609741.58	4206361.75	733.13826	0.00013	1.72050	1.48754E-05	1.4361E-04
609750.45	4206361.75	744.61436	0.00013	1.83897	1.58997E-05	1.4665E-04
609759.32	4206361.75	756.40993	0.00013	1.94540	1.68199E-05	1.4964E-04
609768.19	4206361.75	768.49259	0.00013	2.04069	1.76438E-05	1.5259E-04
609777.06	4206361.75	780.92595	0.00014	2.12596	1.83810E-05	1.5551E-04
609785.93	4206361.75	793.66143	0.00014	2.20235	1.90415E-05	1.5841E-04
609794.8	4206361.75	806.76421	0.00014	2.27104	1.96354E-05	1.6130E-04
609803.67	4206361.75	820.22308	0.00014	2.33282	2.01696E-05	1.6420E-04
609812.54	4206361.75	834.05364	0.00015	2.38884	2.06539E-05	1.6711E-04
609821.41	4206361.75	848.2698	0.00015	2.43970	2.10936E-05	1.7005E-04
609830.28	4206361.75	863.12852	0.00015	2.48611	2.14949E-05	1.7306E-04
609839.15	4206361.75	878.57743	0.00015	2.52913	2.18668E-05	1.7614E-04
609848.02	4206361.75	894.50894	0.00016	2.56954	2.22162E-05	1.7929E-04
609856.89	4206361.75	910.95033	0.00016	2.60814	2.25500E-05	1.8251E-04
610626.79	4206314.62	54977.39259	0.00965	6.47841	5.60123E-05	9.7099E-03
610758.51	4206316.46	275773.904	0.04843	0.67569	5.84201E-06	4.8431E-02
610764.49	4206027.44	85900.68046	0.01508	0.05788	5.00430E-07	1.5084E-02
610678.11	4206026.84	216557.9821	0.03803	0.08930	7.72087E-07	3.8028E-02
610678.11	4206019.82	195221.9911	0.03428	0.08644	7.47360E-07	3.4281E-02
610677.96	4206019.22	193602.3767	0.03400	0.08627	7.45890E-07	3.3997E-02
610671.98	4206019.22	194498.4174	0.03415	0.08896	7.69148E-07	3.4154E-02
610672.13	4206010.55	172326.3828	0.03026	0.08542	7.38541E-07	3.0261E-02
610664.66	4206010.7	177455.5845	0.03116	0.08873	7.67159E-07	3.1162E-02
610664.66	4206013.39	183914.4744	0.03229	0.08985	7.76843E-07	3.2296E-02
610664.51	4206018.92	196178.2687	0.03445	0.09228	7.97852E-07	3.4449E-02
610664.51	4206019.67	197853.1206	0.03474	0.09261	8.00706E-07	3.4743E-02
610665.41	4206025.5	212017.7762	0.03723	0.09480	8.19640E-07	3.7231E-02
610628.64	4206024.3	188716.4762	0.03314	0.11327	9.79332E-07	3.3139E-02
610625.95	4206028.19	188897.8203	0.03317	0.11713	1.01271E-06	3.3171E-02
610625.95	4206061.81	210951.3944	0.03704	0.14186	1.22652E-06	3.7044E-02
610626.25	4206102.46	218042.1943	0.03829	0.18547	1.60357E-06	3.8289E-02
610626.4	4206155.21	211889.825	0.03721	0.28785	2.48875E-06	3.7210E-02
610626.55	4206190.63	201639.6533	0.03541	0.42321	3.65907E-06	3.5411E-02
610626.55	4206202.14	197019.7888	0.03460	0.49124	4.24726E-06	3.4600E-02
610626.7	4206204.98	196114.3137	0.03444	0.51019	4.41110E-06	3.4442E-02
610626.85	4206213.34	192474.4964	0.03380	0.57485	4.97015E-06	3.3803E-02
610626.85	4206216.78	190643.8838	0.03348	0.60569	5.23679E-06	3.3482E-02
610626.7	4206228.29	183461.5207	0.03222	0.73171	6.32636E-06	3.2222E-02
610626.85	4206264.9	149700.288	0.02629	1.59444	1.37855E-05	2.6301E-02
610626.85	4206289.71	106624.9792	0.01872	3.51754	3.04126E-05	1.8754E-02
610627.15	4206302.86	75262.74571	0.01322	6.23372	5.38967E-05	1.3270E-02
CONCUNIT ug/	m^3					
DEPUNIT g/m^	2					

The Vines at Oakley Project

Construction Annual DPM Emissions (as PM2.5 Exhaust)

Mitigated Concentrations at MIR

Maximum DPM (ug/m3)

Annual Average Onsite DPM Exhaust Emission Rate (grams/m2/sec): 1.76E-08

Annual Average Offsite DPM Exhaust Emission Rate - Road Segment 1 (grams/sec): 8.65E-06

5.645E-03

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road Segment 1 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite-Road Segment 1 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
610294.43	4205714.03	7090.07169	0.00012	0.07638	6.60381E-07	1.2520E-04
610301.43	4205714.03	7236.6894	0.00013	0.07565	6.54070E-07	1.2777E-04
610308.43	4205714.03	7384.41632	0.00013	0.07492	6.47758E-07	1.3036E-04
610315.43	4205714.03	7533.42786	0.00013	0.07415	6.41101E-07	1.3297E-04
610322.43	4205714.03	7683.19542	0.00013	0.07340	6.34616E-07	1.3560E-04
610329.43	4205714.03	7833.89471	0.00014	0.07265	6.28132E-07	1.3824E-04
610336.43	4205714.03	7985.14875	0.00014	0.07189	6.21561E-07	1.4089E-04
610343.43	4205714.03	8136.38867	0.00014	0.07111	6.14817E-07	1.4354E-04
610350.43	4205714.03	8287.87751	0.00015	0.07033	6.08073E-07	1.4619E-04
610357.43	4205714.03	8438.91454	0.00015	0.06954	6.01242E-07	1.4884E-04
610364.43	4205714.03	8589.60813	0.00015	0.06877	5.94585E-07	1.5148E-04
610371.43	4205714.03	8739.22835	0.00015	0.06813	5.89052E-07	1.5410E-04
610378.43	4205714.03	8905.12154	0.00016	0.06734	5.82221E-07	1.5701E-04
610385.43	4205714.03	9052.79066	0.00016	0.06656	5.75477E-07	1.5959E-04
610392.43	4205714.03	9198.87265	0.00016	0.06576	5.68565E-07	1.6215E-04
610399.43	4205714.03	9342.72523	0.00016	0.06497	5.61730E-07	1.6467E-04
610406.43	4205714.03	9483.59942	0.00017	0.06415	5.54641E-07	1.6714E-04
610413.43	4205714.03	9621.6647	0.00017	0.06333	5.47551E-07	1.6956E-04
610420.43	4205714.03	9755.90134	0.00017	0.06250	5.40375E-07	1.7191E-04
610427.43	4205714.03	9886.42257	0.00017	0.06165	5.33026E-07	1.7420E-04
610434.43	4205714.03	10012.12712	0.00018	0.06078	5.25504E-07	1.7640E-04
610441.43	4205714.03	10133.31951	0.00018	0.05992	5.18068E-07	1.7852E-04
610448.43	4205714.03	10248.97914	0.00018	0.05906	5.10632E-07	1.8054E-04
610455.43	4205714.03	10358.48279	0.00018	0.05820	5.01197E-07	1.8246E-04
610462.43	4205714.03	10461.87248	0.00018	0.05734	4.95761E-07	1.8427E-04
610469.43	4205714.03	10558.12251	0.00019	0.05648	4.88326E-07	1.8595E-04
610476.43	4205714.03	10647.36107	0.00019	0.05562	4.80890E-07	1.8751E-04
610483.43	4205714.03	10728.47643	0.00019	0.05476	4.73455E-07	1.8893E-04
610490.43	4205714.03	10801.63452	0.00019	0.05390	4.66019E-07	1.9020E-04
610504.43	4205714.03	10920.49512	0.00019	0.05219	4.51234E-07	1.9228E-04
610511.43	4205714.03	10965.99562	0.00019	0.05134	4.43885E-07	1.9307E-04
610518.43	4205714.03	11001.80591	0.00019	0.05049	4.36536E-07	1.9369E-04
610525.43	4205714.03	11027.4445	0.00019	0.04965	4.29274E-07	1.9413E-04
610532.43	4205714.03	11042.9196	0.00019	0.04881	4.22011E-07	1.9440E-04
610539.43	4205714.03	11047.42453	0.00019	0.04797	4.14748E-07	1.9447E-04
610546.43	4205714.03	11041.63325	0.00019	0.04713	4.07486E-07	1.9436E-04
610553.43	4205714.03	11024.84773	0.00019	0.04629	4.00223E-07	1.9406E-04
610560.43	4205714.03	10997.07118	0.00019	0.04546	3.93047E-07	1.9356E-04
610567.43	4205714.03	10957.20379	0.00019	0.04462	3.85784E-07	1.9286E-04
610574.43	4205714.03	10905.14321	0.00019	0.04379	3.78608E-07	1.9194E-04
610581.43	4205714.03	10841.81091	0.00019	0.04297	3.71518E-07	1.9082E-04
610588.43	4205714.03	10766.91312	0.00019	0.04214	3.64342E-07	1.8949E-04
610595.43	4205714.03	10681.14937	0.00019	0.04133	3.57339E-07	1.8798E-04
610602.43	4205714.03	10584.39991	0.00019	0.04052	3.50336E-07	1.8627E-04
610609.43	4205714.03	10476.53225	0.00018	0.03973	3.43505E-07	1.8437E-04
610616.43	4205714.03	10357.45383	0.00018	0.03893	3.36589E-07	1.8227E-04
610623.43	4205714.03	10227.97545	0.00018	0.03815	3.29845E-07	1.7999E-04
610630.43	4205714.03	10087.83115	0.00018	0.03738	3.23187E-07	1.7752E-04
610651.43	4205714.03	9609.28171	0.00017	0.03513	3.03734E-07	1.6910E-04
610658.43	4205714.03	9430.86418	0.00017	0.03441	2.97509E-07	1.6696E-04
610665.43	4205714.03	9243.20462	0.00016	0.03369	2.91284E-07	1.6265E-04
610672.43	4205714.03	9046.35049	0.00016	0.03298	2.85145E-07	1.5919E-04
610679.43	4205714.03	8841.56837	0.00016	0.03229	2.79179E-07	1.5559E-04
610686.43	4205714.03	8628.9274	0.00015	0.03161	2.73300E-07	1.5185E-04
610693.43	4205714.03	8408.66124	0.00015	0.03093	2.67421E-07	1.4797E-04
610700.43	4205714.03	8182.15868	0.00014	0.03027	2.61714E-07	1.4399E-04
610707.43	4205714.03	7949.42085	0.00014	0.02963	2.56181E-07	1.3989E-04
610714.43	4205714.03	7710.91344	0.00014	0.02899	2.50647E-07	1.3570E-04
610721.43	4205714.03	7467.05573	0.00013	0.02836	2.45200E-07	1.3141E-04
610847.43	4205714.03	3301.19061	0.00006	0.01954	1.68943E-07	5.8157E-05
610854.43	4205714.03	3126.93942	0.00005	0.01918	1.65830E-07	5.5093E-05
610861.43	4205714.03	2963.18703	0.00005	0.01884	1.62891E-07	5.2213E-05
610868.43	4205714.03	2809.3861	0.00005	0.01851	1.60037E-07	4.9509E-05
610875.43	4205714.03	2664.50591	0.00005	0.01819	1.57271E-07	4.6961E-05
610882.43	4205714.03	2527.47475	0.00004	0.01788	1.54590E-07	4.4552E-05
610889.43	4205714.03	2398.55887	0.00004	0.01758	1.51997E-07	4.2284E-05
610910.43	4205714.03	2058.28775	0.00004	0.01674	1.44734E-07	3.6300E-05
610917.43	4205714.03	1959.04957	0.00003	0.01648	1.42486E-07	3.4555E-05
610924.43	4205714.03	1866.84295	0.00003	0.01622	1.40238E-07	3.2933E-05
610931.43	4205714.03	1780.04392	0.00003	0.01598	1.38163E-07	3.1406E-05
610938.43	4205714.03	1696.72814	0.00003	0.01574	1.36088E-07	2.9948E-05
610945.43	4205714.03	1619.14173	0.00003	0.01551	1.34099E-07	2.8576E-05
610952.43	4205714.03	1546.97176	0.00003	0.01529	1.32197E-07	2.7306E-05
610959.43	4205714.03	1479.85672	0.00003	0.01507	1.30295E-07	2.6129E-05
610966.43	4205714.03	1417.45728	0.00002	0.01486	1.28479E-07	2.5027E-05
610973.43	4205714.03	1359.46774	0.00002	0.01465	1.26664E-07	2.4007E-05
610980.43	4205714.03	1305.55749	0.00002	0.01445	1.24935E-07	2.3058E-05
610987.43	4205714.03	1255.47036	0.00002	0.01426	1.23292E-07	2.2177E-05
610994.43	4205714.03	1208.92047	0.00002	0.01407	1.21649E-07	2.1357E-05
611001.43	4205714.03	1165.32828	0.00002	0.01389	1.20093E-07	2.0590E-05
611008.43	4205714.03	1125.03051	0.00002	0.01372	1.18623E-07	1.9881E-05
611015.43	4205714.03	1087.48507	0.00002	0.01354	1.17067E-07	1.9220E-05
611022.43	4205714.03	1052.49071	0.00002	0.01338	1.15683E-07	1.8603E-05
611029.43	4205714.03	1019.87563	0.00002	0.01321	1.14214E-07	1.8029E-05
611050.43	4205714.03	934.1842	0.00002	0.01275	1.10236E-07	1.6520E-05
611057.43	4205714.03	909.14291	0.00002	0.01260	1.08940E-07	1.6079E-05
611064.43	4205714.03	885.6481	0.00002	0.01245	1.07643E-07	1.5665E-05
611071.43	4205714.03	863.36682	0.00002	0.01231	1.06432E-07	1.5272E-05
611078.43	4205714.03	842.55673	0.00001	0.01217	1.05222E-07	1.4905E-05
611085.43	4205714.03	822.89619	0.00001	0.01204	1.04098E-07	1.4559E-05
611092.43	4205714.03	804.32322	0.00001	0.01190	1.02887E-07	1.4231E-05
610294.43	4205721.03	7184.4317	0.00013	0.07801	6.74674E-07	1.2687E-04
610301.43	4205721.03	7337.09208	0.00013	0.07726	6.67990E-07	1.2955E-04
610308.43	4205721.03	7490.97113	0.00013	0.07652	6.61592E-07	1.3225E-04
610315.43	4205721.03	7646.56921	0.00013	0.07574	6.54848E-07	1.3497E-04
610322.43	4205721.03	7803.34434	0.00014	0.07497	6.48190E-07	1.3772E-04
610329.43	4205721.03	7960.86747	0.00014	0.07421	6.41619E-07	1.4048E-04
610336.43	4205721.03	8119.36814	0.00014	0.07343	6.34875E-07	1.4326E-04
610343.43	4205721.03	8278.22427	0.00015	0.07263	6.27959E-07	1.4604E-04
610350.43	4205721.03	8437.58827	0.00015	0.07184	6.21128E-07	1.4883E-04
610357.43	4205721.03	8596.71356	0.00015	0.07104	6.14211E-07	1.5162E-04
610364.43	4205721.03	8755.79212	0.00015	0.07024	6.07295E-07	1.5441E-04
610371.43	4205721.03	8914.01	0.00016	0.06960	6.01761E-07	1.5718E-04
610378.43	4205721.03	9088.77516	0.00016	0.06879	5.94758E-07	1.6025E-04
610385.43	4205721.03	9245.77167	0.00016	0.06799	5.87841E-07	1.6300E-04
610392.43	4205721.03	9400.76784	0.00017	0.06716	5.80665E-07	1.6571E-04
610399.43	4205721.03	9554.00425	0.00017	0.06635	5.73662E-07	1.6840E-04
610406.43	4205721.03	9704.45087	0.00017	0.06551	5.66399E-07	1.7103E-04
610413.43	4205721.03	9852.23001	0.00017	0.06467	5.59137E-07	1.7362E-04
610420.43	4205721.03	9996.27707	0.00018	0.06383	5.51874E-07	1.7614E-04
610427.43	4205721.03	10136.75021	0.00018	0.06295	5.44265E-07	1.7860E-04
610434.43	4205721.03	10272.77895	0.00018	0.06207	5.36657E-07	1.8099E-04
610441.43	4205721.03	10403.56326	0.00018	0.06118	5.28962E-07	1.8328E-04
610448.43	4205721.03	10529.27806	0.00018	0.06030	5.21354E-07	1.8548E-04
610455.43	4205721.03	10648.62812	0.00019	0.05942	5.13745E-07	1.8756E-04
610462.43	4205721.03	10761.85179	0.00019	0.05853	5.06050E-07	1.8953E-04
610469.43	4205721.03	10867.73144	0.00019	0.05765	4.98442E-07	1.9140E-04
610476.43	4205721.03	10966.42719	0.00019	0.05677	4.90833E-07	1.9312E-04
610483.43	4205721.03	11056.66929	0.00019	0.05588	4.83138E-07	1.9470E-04
610490.43	4205721.03	11138.81452	0.00020	0.05501	4.75616E-07	1.9614E-04
610504.43	4205721.03	11274.88021	0.00020	0.05326	4.60486E-07	1.9851E-04
610511.43	4205721.03	11328.00035	0.00020	0.05238	4.52877E-07	1.9944E-04
610518.43	4205721.03	11371.22752	0.00020	0.05152	4.45442E-07	2.0019E-04
610525.43	4205721.03	11403.46569	0.00020	0.05065	4.37920E-07	2.0076E-04
610532.43	4205721.03	11425.19406	0.00020	0.04979	4.30484E-07	2.0113E-04
610539.43	4205721.03	11435.29697	0.00020	0.04893	4.23049E-07	2.0129E-04
610546.43	4205721.03	11434.41832	0.00020	0.04806	4.15527E-07	2.0127E-04
610553.43	4205721.03	11421.51684	0.00020	0.04720	4.08091E-07	2.0104E-04
610560.43	4205721.03	11397.21057	0.00020	0.04635	4.00742E-07	2.0060E-04
610567.43	4205721.03	11359.95067	0.00020	0.04550	3.93393E-07	1.9994E-04
610574.43	4205721.03	11308.88851	0.00020	0.04464	3.85957E-07	1.9903E-04
610581.43	4205721.03	11245.77045	0.00020	0.04379	3.78608E-07	1.9792E-04
610588.43	4205721.03	11170.62456	0.00020	0.04295	3.71345E-07	1.9659E-04
610595.43	4205721.03	11083.29763	0.00019	0.04211	3.64083E-07	1.9505E-04
610602.43	4205721.03	10984.08292	0.00019	0.04128	3.56907E-07	1.9330E-04
610609.43	4205721.03	10873.01421	0.00019	0.04046	3.49817E-07	1.9134E-04
610616.43	4205721.03	10750.13238	0.00019	0.03964	3.42727E-07	1.8918E-04
610623.43	4205721.03	10615.63814	0.00019	0.03884	3.35810E-07	1.8681E-04
610630.43	4205721.03	10469.69463	0.00018	0.03804	3.28894E-07	1.8424E-04
610651.43	4205721.03	9970.14079	0.00018	0.03574	3.09008E-07	1.7544E-04
610658.43	4205721.03	9783.14737	0.00017	0.03499	3.02523E-07	1.7215E-04
610665.43	4205721.03	9586.58411	0.00017	0.03426	2.96212E-07	1.6869E-04
610672.43	4205721.03	9380.11892	0.00016	0.03354	2.89987E-07	1.6506E-04
610679.43	4205721.03	9164.7562	0.00016	0.03283	2.83848E-07	1.6127E-04
610686.43	4205721.03	8941.34862	0.00016	0.03213	2.77796E-07	1.5734E-04
610693.43	4205721.03	8709.86449	0.00015	0.03144	2.71830E-07	1.5327E-04
610700.43	4205721.03	8471.35962	0.00015	0.03076	2.65951E-07	1.4907E-04
610707.43	4205721.03	8227.00732	0.00014	0.03010	2.60244E-07	1.4477E-04
610714.43	4205721.03	7975.90473	0.00014	0.02944	2.54538E-07	1.4036E-04
610735.43	4205721.03	7194.56506	0.00013	0.02756	2.38284E-07	1.2662E-04
610742.43	4205721.03	6929.34869	0.00012	0.02696	2.33096E-07	1.2195E-04
610749.43	4205721.03	6663.80871	0.00012	0.02637	2.27995E-07	1.1728E-04
610756.43	4205721.03	6398.0704	0.00011	0.02581	2.23153E-07	1.1261E-04
610763.43	4205721.03	6133.5775	0.00011	0.02525	2.18311E-07	1.0796E-04
610770.43	4205721.03	5871.31662	0.00010	0.02472	2.13729E-07	1.0335E-04
610777.43	4205721.03	5612.72098	0.00010	0.02419	2.09147E-07	9.8801E-05
610784.43	4205721.03	5357.77656	0.00009	0.02369	2.04824E-07	9.4318E-05
610791.43	4205721.03	5107.34819	0.00009	0.02320	2.00587E-07	8.9915E-05
610798.43	4205721.03	4862.5306	0.00009	0.02272	1.96437E-07	8.5610E-05
610805.43	4205721.03	4624.21412	0.00008	0.02226	1.92460E-07	8.1428E-05
610812.43	4205721.03	4392.86887	0.00008	0.02181	1.88569E-07	7.7353E-05
610819.43	4205721.03	4169.34862	0.00007	0.02138	1.84851E-07	7.3423E-05
610826.43	4205721.03	3953.89102	0.00007	0.02096	1.81220E-07	6.9634E-05
610833.43	4205721.03	3746.9886	0.00007	0.02055	1.77675E-07	6.5996E-05
610840.43	4205721.03	3548.96701	0.00006	0.02016	1.74303E-07	6.2515E-05
610847.43	4205721.03	3359.94571	0.00006	0.01979	1.71104E-07	5.9191E-05
610854.43	4205721.03	3180.06817	0.00006	0.01942	1.67905E-07	5.6028E-05
610861.43	4205721.03	3011.3052	0.00005	0.01907	1.64879E-07	5.3061E-05
610868.43	4205721.03	2853.6154	0.00005	0.01873	1.61939E-07	5.0288E-05
610875.43	4205721.03	2704.84028	0.00005	0.01841	1.59173E-07	4.7672E-05
610882.43	4205721.03	2565.32385	0.00005	0.01810	1.56493E-07	4.5218E-05
610889.43	4205721.03	2433.80673	0.00004	0.01779	1.53812E-07	4.2905E-05
610910.43	4205721.03	2087.43307	0.00004	0.01694	1.46463E-07	3.6814E-05
610917.43	4205721.03	1986.8647	0.00003	0.01668	1.44215E-07	3.5045E-05
610924.43	4205721.03	1893.15738	0.00003	0.01642	1.41967E-07	3.3397E-05
610931.43	4205721.03	1805.42297	0.00003	0.01617	1.39806E-07	3.1853E-05
610938.43	4205721.03	1720.80402	0.00003	0.01593	1.37731E-07	3.0365E-05
610945.43	4205721.03	1642.10796	0.00003	0.01569	1.35656E-07	2.8983E-05
610952.43	4205721.03	1568.93231	0.00003	0.01547	1.33754E-07	2.7693E-05
610959.43	4205721.03	1500.99263	0.00003	0.01525	1.31851E-07	2.6498E-05
610966.43	4205721.03	1437.85333	0.00003	0.01503	1.29949E-07	2.5387E-05
610973.43	4205721.03	1378.91138	0.00002	0.01482	1.28134E-07	2.4350E-05
610980.43	4205721.03	1324.47979	0.00002	0.01462	1.26404E-07	2.3392E-05
610987.43	4205721.03	1273.92459	0.00002	0.01443	1.24762E-07	2.2502E-05

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610770.43	4206197.03

610994.43	4205721.03	1226.9318	0.00002	0.01424	1.23119E-07	2.1675E-05
611001.43	4205721.03	1183.24455	0.00002	0.01405	1.21476E-07	2.0906E-05
611008.43	4205721.03	1142.61385	0.00002	0.01387	1.19920E-07	2.0191E-05
611015.43	4205721.03	1104.78323	0.00002	0.01370	1.18450E-07	1.9525E-05
611022.43	4205721.03	1069.51349	0.00002	0.01353	1.16980E-07	1.8904E-05
611029.43	4205721.03	1036.60774	0.00002	0.01336	1.15510E-07	1.8324E-05
611050.43	4205721.03	950.03384	0.00002	0.01289	1.11447E-07	1.6799E-05
611057.43	4205721.03	924.78893	0.00002	0.01274	1.10150E-07	1.6355E-05
611064.43	4205721.03	901.05399	0.00002	0.01259	1.08853E-07	1.5937E-05
611071.43	4205721.03	878.74343	0.00002	0.01245	1.07643E-07	1.5543E-05
611078.43	4205721.03	857.70552	0.00002	0.01231	1.06432E-07	1.5173E-05
611085.43	4205721.03	837.83472	0.00001	0.01217	1.05222E-07	1.4822E-05
611092.43	4205721.03	819.05774	0.00001	0.01204	1.04098E-07	1.4491E-05
610294.43	4205728.03	7278.14877	0.00013	0.07969	6.88999E-07	1.2854E-04
610301.43	4205728.03	7436.87762	0.00013	0.07893	6.82428E-07	1.3132E-04
610308.43	4205728.03	7597.18219	0.00013	0.07817	6.75857E-07	1.3413E-04
610315.43	4205728.03	7759.44516	0.00014	0.07738	6.69027E-07	1.3697E-04
610322.43	4205728.03	7922.9131	0.00014	0.07659	6.62197E-07	1.3983E-04
610329.43	4205728.03	8087.96572	0.00014	0.07582	6.55539E-07	1.4273E-04
610336.43	4205728.03	8253.83107	0.00014	0.07502	6.48623E-07	1.4563E-04
610343.43	4205728.03	8420.71189	0.00015	0.07423	6.41792E-07	1.4856E-04
610350.43	4205728.03	8587.99492	0.00015	0.07340	6.34616E-07	1.5149E-04
610357.43	4205728.03	8755.79694	0.00015	0.07258	6.27526E-07	1.5443E-04
610364.43	4205728.03	8923.35651	0.00016	0.07177	6.20523E-07	1.5737E-04
610371.43	4205728.03	9090.81299	0.00016	0.07111	6.14817E-07	1.6030E-04
610378.43	4205728.03	9274.72898	0.00016	0.07028	6.07641E-07	1.6353E-04
610385.43	4205728.03	9441.12724	0.00017	0.06946	6.00551E-07	1.6644E-04
610392.43	4205728.03	9605.86321	0.00017	0.06861	5.93202E-07	1.6933E-04
610399.43	4205728.03	9768.98897	0.00017	0.06778	5.86026E-07	1.7219E-04
610406.43	4205728.03	9929.53571	0.00017	0.06692	5.78590E-07	1.7500E-04
610413.43	4205728.03	10087.61298	0.00018	0.06606	5.71154E-07	1.7777E-04
610420.43	4205728.03	10242.4785	0.00018	0.06520	5.63719E-07	1.8048E-04
610427.43	4205728.03	10393.11232	0.00018	0.06429	5.55851E-07	1.8312E-04
610434.43	4205728.03	10539.86685	0.00019	0.06339	5.48070E-07	1.8569E-04
610441.43	4205728.03	10681.30132	0.00019	0.06249	5.40288E-07	1.8817E-04
610448.43	4205728.03	10817.69428	0.00019	0.06158	5.32420E-07	1.9055E-04
610455.43	4205728.03	10947.81797	0.00019	0.06067	5.24553E-07	1.9283E-04
610462.43	4205728.03	11071.59803	0.00019	0.05977	5.16771E-07	1.9500E-04
610469.43	4205728.03	11188.26872	0.00020	0.05886	5.08903E-07	1.9704E-04
610476.43	4205728.03	11296.84839	0.00020	0.05795	5.01035E-07	1.9894E-04
610483.43	4205728.03	11397.50908	0.00020	0.05705	4.93254E-07	2.0070E-04
610490.43	4205728.03	11488.99771	0.00020	0.05615	4.85473E-07	2.0230E-04
610504.43	4205728.03	11643.75268	0.00020	0.05435	4.69910E-07	2.0500E-04
610511.43	4205728.03	11705.63325	0.00021	0.05346	4.62215E-07	2.0608E-04
610518.43	4205728.03	11757.12185	0.00021	0.05258	4.54606E-07	2.0698E-04
610525.43	4205728.03	11797.08793	0.00021	0.05169	4.46911E-07	2.0767E-04
610532.43	4205728.03	11825.45934	0.00021	0.05080	4.39217E-07	2.0816E-04
610539.43	4205728.03	11842.01799	0.00021	0.04992	4.31608E-07	2.0845E-04
610546.43	4205728.03	11846.71912	0.00021	0.04903	4.23913E-07	2.0852E-04
610553.43	4205728.03	11838.68508	0.00021	0.04815	4.16305E-07	2.0837E-04
610560.43	4205728.03	11818.02793	0.00021	0.04727	4.08696E-07	2.0800E-04
610567.43	4205728.03	11783.51711	0.00021	0.04640	4.01174E-07	2.0739E-04
610574.43	4205728.03	11733.92958	0.00021	0.04551	3.93479E-07	2.0651E-04
610581.43	4205728.03	11671.38289	0.00021	0.04464	3.85957E-07	2.0540E-04
610588.43	4205728.03	11596.14081	0.00020	0.04377	3.78435E-07	2.0407E-04
610595.43	4205728.03	11507.4478	0.00020	0.04291	3.71000E-07	2.0251E-04
610602.43	4205728.03	11405.9649	0.00020	0.04205	3.63564E-07	2.0072E-04
610609.43	4205728.03	11291.97653	0.00020	0.04121	3.56301E-07	1.9871E-04
610616.43	4205728.03	11164.85822	0.00020	0.04037	3.49039E-07	1.9647E-04
610623.43	4205728.03	11025.20769	0.00019	0.03955	3.41948E-07	1.9401E-04
610630.43	4205728.03	10873.50442	0.00019	0.03873	3.34859E-07	1.9134E-04
610651.43	4205728.03	10351.57881	0.00018	0.03636	3.14368E-07	1.8215E-04
610658.43	4205728.03	10156.17958	0.00018	0.03560	3.07797E-07	1.7871E-04
610665.43	4205728.03	9949.72443	0.00017	0.03485	3.01313E-07	1.7508E-04
610672.43	4205728.03	9733.02882	0.00017	0.03411	2.94915E-07	1.7126E-04
610679.43	4205728.03	9506.75463	0.00017	0.03338	2.88603E-07	1.6728E-04
610686.43	4205728.03	9271.46787	0.00016	0.03266	2.82378E-07	1.6314E-04
610693.43	4205728.03	9027.92839	0.00016	0.03195	2.76240E-07	1.5886E-04
610700.43	4205728.03	8776.96344	0.00015	0.03126	2.70074E-07	1.5444E-04
610707.43	4205728.03	8519.44035	0.00015	0.03058	2.64395E-07	1.4991E-04
610728.43	4205728.03	7708.78546	0.00014	0.02860	2.47275E-07	1.3566E-04
610735.43	4205728.03	7430.85059	0.00013	0.02797	2.41828E-07	1.3077E-04
610742.43	4205728.03	7151.66994	0.00013	0.02736	2.36554E-07	1.2586E-04
610749.43	4205728.03	6871.44159	0.00012	0.02676	2.31367E-07	1.2093E-04
610756.43	4205728.03	6592.09699	0.00012	0.02618	2.26352E-07	1.1602E-04
610763.43	4205728.03	6313.78587	0.00011	0.02562	2.21510E-07	1.1113E-04
610770.43	4205728.03	6038.54189	0.00011	0.02507	2.16755E-07	1.0629E-04
610777.43	4205728.03	5766.45838	0.00010	0.02453	2.12086E-07	1.0150E-04
610784.43	4205728.03	5499.41524	0.00010	0.02402	2.07677E-07	9.6809E-05
610791.43	4205728.03	5237.40736	0.00009	0.02351	2.03267E-07	9.2202E-05
610798.43	4205728.03	4981.58093	0.00009	0.02303	1.99117E-07	8.7704E-05
610805.43	4205728.03	4732.8825	0.00008	0.02256	1.95054E-07	8.3332E-05
610812.43	4205728.03	4491.81062	0.00008	0.02210	1.91076E-07	7.9093E-05
610819.43	4205728.03	4259.18622	0.00007	0.02166	1.87272E-07	7.5003E-05
610826.43	4205728.03	4035.34143	0.00007	0.02123	1.83554E-07	7.1067E-05
610833.43	4205728.03	3820.69768	0.00007	0.02082	1.80010E-07	6.7293E-05
610840.43	4205728.03	3615.58524	0.00006	0.02042	1.76551E-07	6.3687E-05
610847.43	4205728.03	3420.14552	0.00006	0.02004	1.73266E-07	6.0251E-05
610854.43	4205728.03	3234.49271	0.00006	0.01967	1.70067E-07	5.6984E-05
610861.43	4205728.03	3061.06709	0.00005	0.01931	1.66954E-07	5.3937E-05
610868.43	4205728.03	2899.34856	0.00005	0.01897	1.64015E-07	5.1093E-05
610875.43	4205728.03	2746.5803	0.00005	0.01864	1.61161E-07	4.8407E-05
610882.43	4205728.03	2603.57112	0.00005	0.01832	1.58395E-07	4.5892E-05
610889.43	4205728.03	2469.46986	0.00004	0.01801	1.55714E-07	4.3534E-05
610910.43	4205728.03	2117.01206	0.00004	0.01715	1.48279E-07	3.7335E-05
610917.43	4205728.03	2015.18801	0.00004	0.01688	1.45944E-07	3.5544E-05
610924.43	4205728.03	1920.42635	0.00003	0.01662	1.43696E-07	3.3877E-05
610931.43	4205728.03	1831.84921	0.00003	0.01637	1.41535E-07	3.2319E-05
610938.43	4205728.03	1745.88763	0.00003	0.01612	1.39373E-07	3.0807E-05
610945.43	4205728.03	1665.62536	0.00003	0.01588	1.37298E-07	2.9395E-05
610952.43	4205728.03	1591.5233	0.00003	0.01565	1.35310E-07	2.8092E-05
610959.43	4205728.03	1522.71258	0.00003	0.01543	1.33408E-07	2.6881E-05
610966.43	4205728.03	1458.8451	0.00003	0.01521	1.31506E-07	2.5757E-05
610973.43	4205728.03	1398.5844	0.00002	0.01500	1.29690E-07	2.4714E-05
610980.43	4205728.03	1344.60927	0.00002	0.01480	1.27961E-07	2.3747E-05
610987.43	4205728.03	1293.54606	0.00002	0.01460	1.26232E-07	2.2848E-05
610994.43	4205728.03	1246.15735	0.00002	0.01440	1.24502E-07	2.2014E-05
611001.43	4205728.03	1202.08169	0.00002	0.01422	1.22946E-07	2.1238E-05
611008.43	4205728.03	1161.08771	0.00002	0.01403	1.21303E-07	2.0517E-05
611015.43	4205728.03	1122.67449	0.00002	0.01386	1.19833E-07	1.9840E-05
611022.43	4205728.03	1087.13126	0.00002	0.01368	1.18277E-07	1.9215E-05
611029.43	4205728.03	1053.98286	0.00002	0.01352	1.16894E-07	1.8631E-05
611050.43	4205728.03	966.83384	0.00002	0.01304	1.12744E-07	1.7096E-05
611057.43	4205728.03	941.35005	0.00002	0.01288	1.11360E-07	1.6647E-05
611064.43	4205728.03	917.39173	0.00002	0.01273	1.10064E-07	1.6225E-05
611071.43	4205728.03	894.84159	0.00002	0.01259	1.08853E-07	1.5827E-05
611078.43	4205728.03	873.42781	0.00002	0.01244	1.07556E-07	1.5450E-05
611085.43	4205728.03	853.35361	0.00001	0.01230	1.06346E-07	1.5096E-05
611092.43	4205728.03	834.3624	0.00001	0.01217	1.05222E-07	1.4761E-05
610294.43	4205735.03	7372.71018	0.00013	0.08147	7.04389E-07	1.3021E-04
610301.43	4205735.03	7537.68272	0.00013	0.08071	6.97818E-07	1.3310E-04
610308.43	4205735.03	7704.5844	0.00014	0.07991	6.90901E-07	1.3603E-04
610315.43	4205735.03	7873.37992	0.00014	0.07912	6.84071E-07	1.3899E-04
610322.43	4205735.03	8044.35967	0.00014	0.07833	6.77241E-07	1.4198E-04
610329.43	4205735.03	8216.62541	0.00014	0.07753	6.70324E-07	1.4500E-04
610336.43	4205735.03	8390.57578	0.00015	0.07671	6.63234E-07	1.4805E-04
610343.43	4205735.03	8565.40035	0.00015	0.07589	6.56145E-07	1.5111E-04
610350.43	4205735.03	8741.37687	0.00015	0.07506	6.48968E-07	1.5420E-04
610357.43	4205735.03	8917.71509	0.00016	0.07424	6.41879E-07	1.5729E-04
610364.43	4205735.03	9094.62043	0.00016	0.07337	6.34357E-07	1.6039E-04
610371.43	4205735.03	9288.04431	0.00016	0.07273	6.28823E-07	1.6378E-04
610378.43	4205735.03	9465.12018	0.00017	0.07188	6.21474E-07	1.6688E-04
610385.43	4205735.03	9641.17537	0.00017	0.07103	6.14125E-07	1.6997E-04
610392.43	4205735.03	9816.36804	0.00017	0.07017	6.06689E-07	1.7304E-04
610399.43	4205735.03	9989.68628	0.00018	0.06930	5.99167E-07	1.7608E-04
610406.43	4205735.03	10160.9615	0.00018	0.06844	5.91732E-07	1.7908E-04
610413.43	4205735.03	10329.94099	0.00018	0.06755	5.84037E-07	1.8204E-04
610420.43	4205735.03	10495.52426	0.00018	0.06663	5.76083E-07	1.8494E-04
610427.43	4205735.03	10657.89148	0.00019	0.06571	5.68128E-07	1.8778E-04
610434.43	4205735.03	10815.57183	0.00019	0.06478	5.60088E-07	1.9054E-04
610441.43	4205735.03	10968.99535	0.00019	0.06385	5.52047E-07	1.9323E-04
610448.43	4205735.03	11116.48288	0.00020	0.06292	5.44006E-07	1.9581E-04
610455.43	4205735.03	11258.41257	0.00020	0.06199	5.35965E-07	1.9830E-04
610462.43	4205735.03	11393.37572	0.00020	0.06106	5.27924E-07	2.0066E-04
610469.43	4205735.03	11521.33665	0.00020	0.06013	5.19884E-07	2.0290E-04
610476.43	4205735.03	11641.14598	0.00020	0.05920	5.11843E-07	2.0500E-04
610483.43	4205735.03	11752.76544	0.00021	0.05828	5.03889E-07	2.0695E-04
610490.43	4205735.03	11854.84634	0.00021	0.05735	4.95848E-07	2.0873E-04
610504.43	4205735.03	12019.40121	0.00021	0.05551	4.79939E-07	2.1178E-04
610511.43	4205735.03	12100.72279	0.00021	0.05459	4.71985E-07	2.1303E-04
610518.43	4205735.03	12160.71442	0.00021	0.05367	4.64031E-07	2.1408E-04
610525.43	4205735.03	12208.8531	0.00021	0.05277	4.56249E-07	2.1491E-04
610532.43	4205735.03	12244.82733	0.00022	0.05185	4.48295E-07	2.1554E-04
610539.43	4205735.03	12268.12664	0.00022	0.05094	4.40427E-07	2.1594E-04
610546.43	4205735.03	12278.51335	0.00022	0.05003	4.32559E-07	2.1613E-04
610553.43	4205735.03	12275.67651	0.00022	0.04912	4.24691E-07	2.1606E-04
610560.43	4205735.03	12259.29178	0.00022	0.04822	4.16910E-07	2.1576E-04
610567.43	4205735.03	12228.15929	0.00021	0.04732	4.09128E-07	2.1521E-04
610574.43	4205735.03	12181.27089	0.00021	0.04641	4.01261E-07	2.1437E-04
610581.43	4205735.03	12119.97143	0.00021	0.04551	3.93479E-07	2.1329E-04
610588.43	4205735.03	12044.688	0.00021	0.04462	3.85784E-07	2.1196E-04
610595.43	4205735.03	11955.65144	0.00021	0.04373	3.78089E-07	2.1039E-04
610602.43	4205735.03	11852.35528	0.00021	0.04286	3.70567E-07	2.0857E-04
610609.43	4205735.03	11735.14332	0.00021	0.04199	3.63045E-07	2.0650E-04
610616.43	4205735.03	11604.50189	0.00020	0.04113	3.55610E-07	2.0420E-04
610623.43	4205735.03	11459.91061	0.00020	0.04028	3.48261E-07	2.0165E-04
610630.43	4205735.03	11301.8047	0.00020	0.03944	3.40998E-07	1.9887E-04
610651.43	4205735.03	10757.05417	0.00019	0.03701	3.19888E-07	1.8928E-04
610658.43	4205735.03	10551.62975	0.00019	0.03623	3.13244E-07	1.8566E-04
610665.43	4205735.03	10334.95346	0.00018	0.03545	3.06501E-07	1.8185E-04
610672.43	4205735.03	10106.92522	0.00018	0.03469	2.99930E-07	1.7784E-04
610679.43	4205735.03	9868.60195	0.00017	0.03394	2.93445E-07	1.7364E-04
610686.43	4205735.03	9620.999	0.00017	0.03321	2.87133E-07	1.6929E-04
610693.43	4205735.03	9364.17888	0.00016	0.03248	2.80822E-07	1.6477E-04
610700.43	4205735.03	9099.86063	0.00016	0.03177	2.74683E-07	1.6012E-04
610707.43	4205735.03	8828.22838	0.00016	0.03107	2.68631E-07	1.5534E-04
610728.43	4205735.03	7973.19267	0.00014	0.02905	2.51166E-07	1.4031E-04
610735.43	4205735.03	7680.21991	0.00013	0.02840	2.45546E-07	1.3515E-04
610742.43	4205735.03	7385.68824	0.00013	0.02778	2.40186E-07	1.2998E-04
610749.43	4205735.03	7090.66282	0.00012	0.02716	2.34825E-07	1.2479E-04
610756.43	4205735.03	6796.2941	0.00012	0.02657	2.29724E-07	1.1961E-04
610763.43	4205735.03	6503.75379	0.00011	0.02599	2.24709E-07	1.1447E-04
610770.43	4205735.03	6214.19222	0.00011	0.02543	2.19868E-07	1.0938E-04
610777.43	4205735.03	5928.72501	0.00010	0.02488	2.15112E-07	1.0436E-04
610784.43	4205735.03	5648.35294	0.00010	0.02435	2.10530E-07	9.9428E-05
610791.43	4205735.03	5374.07425	0.00009	0.02384	2.06121E-07	9.4606E-05
610798.43	4205735.03	5106.08369	0.00009	0.02334	2.01798E-07	8.9894E-05
610805.43	4205735.03	4846.4335	0.00009	0.02286	1.97647E-07	8.5329E-05
610812.43	4205735.03	4595.1165	0.00008	0.02240	1.93670E-07	8.0910E-05
610819.43	4205735.03	4352.96271	0.00008	0.02195	1.89780E-07	7.6653E-05
610826.43	4205735.03	4119.77272	0.00007	0.02151	1.85975E-07	7.2553E-05
610833.43	4205735.03	3897.05369	0.00007	0.02109	1.82344E-07	6.8637E-05
610840.43	4205735.03	3684.56358	0.00006	0.02069	1.78886E-07	6.4901E-05
610847.43	4205735.03	3482.41072	0.00006	0.02030	1.75514E-07	6.1347E-05
610854.43	4205735.03	3290.72017	0.00006	0.01992	1.72228E-07	5.7976E-05
610861.43	4205735.03	3112.03246	0.00005	0.01956	1.69116E-07	5.4834E-05

610868.43	4205735.03	2945.68497	0.00005	0.01921	1.66090E-07	5.1909E-05
610875.43	4205735.03	2789.40012	0.00005	0.01887	1.63150E-07	4.9161E-05
610882.43	4205735.03	2643.3496	0.00005	0.01855	1.60383E-07	4.6593E-05
610889.43	4205735.03	2506.1352	0.00004	0.01824	1.57703E-07	4.4188E-05
610910.43	4205735.03	2148.09998	0.00004	0.01736	1.50094E-07	3.7883E-05
610917.43	4205735.03	2044.5353	0.00004	0.01709	1.47760E-07	3.6062E-05
610924.43	4205735.03	1948.74939	0.00003	0.01682	1.45426E-07	3.4377E-05
610931.43	4205735.03	1855.46172	0.00003	0.01657	1.43264E-07	3.2736E-05
610938.43	4205735.03	1768.33358	0.00003	0.01632	1.41103E-07	3.1203E-05
610945.43	4205735.03	1687.50548	0.00003	0.01607	1.38941E-07	2.9781E-05
610952.43	4205735.03	1612.52054	0.00003	0.01584	1.36953E-07	2.8462E-05
610959.43	4205735.03	1543.02692	0.00003	0.01561	1.34964E-07	2.7239E-05
610966.43	4205735.03	1478.59133	0.00003	0.01539	1.33062E-07	2.6106E-05
610973.43	4205735.03	1418.82197	0.00002	0.01518	1.31246E-07	2.5054E-05
610980.43	4205735.03	1363.39568	0.00002	0.01497	1.29431E-07	2.4078E-05
610987.43	4205735.03	1311.97342	0.00002	0.01477	1.27701E-07	2.3173E-05
610994.43	4205735.03	1264.20753	0.00002	0.01457	1.25972E-07	2.2333E-05
611001.43	4205735.03	1219.87372	0.00002	0.01438	1.24329E-07	2.1552E-05
611008.43	4205735.03	1178.61664	0.00002	0.01420	1.22773E-07	2.0826E-05
611015.43	4205735.03	1140.23114	0.00002	0.01402	1.21217E-07	2.0150E-05
611022.43	4205735.03	1104.4301	0.00002	0.01384	1.19661E-07	1.9520E-05
611029.43	4205735.03	1071.05481	0.00002	0.01367	1.18191E-07	1.8932E-05
611050.43	4205735.03	983.31027	0.00002	0.01318	1.13954E-07	1.7387E-05
611057.43	4205735.03	957.63193	0.00002	0.01303	1.12657E-07	1.6934E-05
611064.43	4205735.03	933.48699	0.00002	0.01288	1.11360E-07	1.6509E-05
611071.43	4205735.03	910.76133	0.00002	0.01273	1.10064E-07	1.6108E-05
611078.43	4205735.03	889.28361	0.00002	0.01258	1.08767E-07	1.5730E-05
611085.43	4205735.03	869.0125	0.00002	0.01244	1.07556E-07	1.5372E-05
611092.43	4205735.03	849.79476	0.00001	0.01230	1.06346E-07	1.5034E-05
610294.43	4205742.03	7466.04362	0.00013	0.08331	7.20298E-07	1.3187E-04
610301.43	4205742.03	7637.14125	0.00013	0.08252	7.13468E-07	1.3487E-04
610308.43	4205742.03	7810.98753	0.00014	0.08172	7.06551E-07	1.3791E-04
610315.43	4205742.03	7986.89119	0.00014	0.08093	6.99720E-07	1.4100E-04
610322.43	4205742.03	8165.16935	0.00014	0.08010	6.92544E-07	1.4412E-04
610329.43	4205742.03	8345.151	0.00015	0.07927	6.85368E-07	1.4727E-04
610336.43	4205742.03	8527.16861	0.00015	0.07846	6.78365E-07	1.5046E-04
610343.43	4205742.03	8710.41683	0.00015	0.07762	6.71102E-07	1.5368E-04
610350.43	4205742.03	8894.87122	0.00016	0.07677	6.63753E-07	1.5691E-04
610357.43	4205742.03	9080.60997	0.00016	0.07592	6.56404E-07	1.6016E-04
610364.43	4205742.03	9266.66181	0.00016	0.07524	6.50525E-07	1.6343E-04
610371.43	4205742.03	9470.35762	0.00017	0.07440	6.43262E-07	1.6700E-04
610378.43	4205742.03	9657.17244	0.00017	0.07353	6.35740E-07	1.7027E-04
610385.43	4205742.03	9843.93158	0.00017	0.07267	6.28304E-07	1.7354E-04
610392.43	4205742.03	10029.54696	0.00018	0.07178	6.20610E-07	1.7680E-04
610399.43	4205742.03	10214.21048	0.00018	0.07089	6.12915E-07	1.8003E-04
610406.43	4205742.03	10396.72977	0.00018	0.07000	6.05220E-07	1.8323E-04
610413.43	4205742.03	10577.32959	0.00019	0.06906	5.97092E-07	1.8640E-04
610420.43	4205742.03	10754.72165	0.00019	0.06812	5.88965E-07	1.8950E-04
610427.43	4205742.03	10929.00208	0.00019	0.06717	5.80751E-07	1.9256E-04
610434.43	4205742.03	11098.96947	0.00019	0.06622	5.72538E-07	1.9533E-04
610441.43	4205742.03	11264.1399	0.00020	0.06527	5.64324E-07	1.9843E-04
610448.43	4205742.03	11424.49271	0.00020	0.06432	5.56110E-07	2.0124E-04
610455.43	4205742.03	11578.43636	0.00020	0.06336	5.47810E-07	2.0393E-04
610462.43	4205742.03	11726.07615	0.00021	0.06241	5.39597E-07	2.0652E-04
610469.43	4205742.03	11866.0763	0.00021	0.06145	5.31296E-07	2.0897E-04
610476.43	4205742.03	11998.31255	0.00021	0.06050	5.23083E-07	2.1128E-04
610483.43	4205742.03	12121.47218	0.00021	0.05955	5.14869E-07	2.1344E-04
610490.43	4205742.03	12235.73274	0.00021	0.05860	5.06655E-07	2.1544E-04
610504.43	4205742.03	12431.63644	0.00022	0.05670	4.90228E-07	2.1886E-04
610511.43	4205742.03	12513.38232	0.00022	0.05576	4.82101E-07	2.2029E-04
610518.43	4205742.03	12582.74063	0.00022	0.05481	4.73887E-07	2.2150E-04
610525.43	4205742.03	12639.81854	0.00022	0.05387	4.65760E-07	2.2249E-04
610532.43	4205742.03	12683.80764	0.00022	0.05293	4.57633E-07	2.2326E-04
610539.43	4205742.03	12714.83751	0.00022	0.05199	4.49505E-07	2.2379E-04
610546.43	4205742.03	12731.74261	0.00022	0.05105	4.41378E-07	2.2408E-04
610553.43	4205742.03	12734.4157	0.00022	0.05012	4.33337E-07	2.2413E-04
610560.43	4205742.03	12723.17056	0.00022	0.04919	4.25296E-07	2.2392E-04
610567.43	4205742.03	12695.59887	0.00022	0.04826	4.17256E-07	2.2342E-04
610574.43	4205742.03	12651.95042	0.00022	0.04733	4.09215E-07	2.2265E-04
610581.43	4205742.03	12592.90499	0.00022	0.04641	4.01261E-07	2.2160E-04
610588.43	4205742.03	12518.68599	0.00022	0.04549	3.93306E-07	2.2029E-04
610595.43	4205742.03	12429.20303	0.00022	0.04458	3.85438E-07	2.1871E-04
610602.43	4205742.03	12324.70411	0.00022	0.04368	3.77657E-07	2.1687E-04
610609.43	4205742.03	12205.17388	0.00021	0.04279	3.69962E-07	2.1476E-04
610616.43	4205742.03	12070.65051	0.00021	0.04191	3.62354E-07	2.1239E-04
610623.43	4205742.03	11921.32169	0.00021	0.04104	3.54832E-07	2.0976E-04
610630.43	4205742.03	11757.44435	0.00021	0.04018	3.47396E-07	2.0688E-04
610651.43	4205742.03	11187.73402	0.00020	0.03768	3.25781E-07	1.9685E-04
610658.43	4205742.03	10972.40251	0.00019	0.03688	3.18864E-07	1.9306E-04
610665.43	4205742.03	10744.1686	0.00019	0.03608	3.11948E-07	1.8904E-04
610672.43	4205742.03	10504.38129	0.00018	0.03530	3.05204E-07	1.8482E-04
610679.43	4205742.03	10253.14338	0.00018	0.03453	2.98546E-07	1.8040E-04
610686.43	4205742.03	9991.93781	0.00018	0.03377	2.91975E-07	1.7581E-04
610693.43	4205742.03	9720.90031	0.00017	0.03303	2.85577E-07	1.7104E-04
610700.43	4205742.03	9441.84853	0.00017	0.03229	2.79179E-07	1.6613E-04
610707.43	4205742.03	9155.06943	0.00016	0.03158	2.73041E-07	1.6109E-04
610728.43	4205742.03	8252.90532	0.00014	0.02951	2.55143E-07	1.4522E-04
610735.43	4205742.03	7944.3359	0.00014	0.02885	2.49437E-07	1.3988E-04
610742.43	4205742.03	7634.29275	0.00013	0.02820	2.43817E-07	1.3435E-04
610749.43	4205742.03	7323.48965	0.00013	0.02758	2.38457E-07	1.2888E-04
610756.43	4205742.03	7014.13432	0.00012	0.02697	2.33182E-07	1.2344E-04
610763.43	4205742.03	6707.03444	0.00012	0.02638	2.28081E-07	1.1804E-04
610770.43	4205742.03	6403.36974	0.00011	0.02580	2.23067E-07	1.1270E-04
610777.43	4205742.03	6103.75402	0.00011	0.02525	2.18311E-07	1.0744E-04
610784.43	4205742.03	5810.42832	0.00010	0.02471	2.13649E-07	1.0228E-04
610791.43	4205742.03	5523.24807	0.00010	0.02418	2.09060E-07	9.7229E-05
610798.43	4205742.03	5242.9819	0.00009	0.02367	2.04651E-07	9.2301E-05
610805.43	4205742.03	4971.82913	0.00009	0.02318	2.00414E-07	8.7534E-05
610812.43	4205742.03	4709.76562	0.00008	0.02271	1.96351E-07	8.2927E-05
610819.43	4205742.03	4457.57601	0.00008	0.02225	1.92373E-07	7.8493E-05
610826.43	4205742.03	4215.67639	0.00007	0.02181	1.88569E-07	7.4240E-05
610833.43	4205742.03	3983.83231	0.00007	0.02138	1.84851E-07	7.0164E-05
610840.43	4205742.03	3763.5751	0.00007	0.02097	1.81307E-07	6.6291E-05
610847.43	4205742.03	3554.3776	0.00006	0.02057	1.77848E-07	6.2613E-05
610854.43	4205742.03	3356.28266	0.00006	0.02018	1.74476E-07	5.9130E-05
610861.43	4205742.03	3172.13885	0.00006	0.01982	1.71364E-07	5.5892E-05
610868.43	4205742.03	3000.54559	0.00005	0.01946	1.68251E-07	5.2875E-05
610875.43	4205742.03	2840.05096	0.00005	0.01912	1.65311E-07	5.0053E-05
610882.43	4205742.03	2689.24359	0.00005	0.01879	1.62458E-07	4.7401E-05
610889.43	4205742.03	2548.83899	0.00004	0.01847	1.59692E-07	4.4932E-05
610910.43	4205742.03	2181.94916	0.00004	0.01758	1.51997E-07	3.8480E-05
610917.43	4205742.03	2076.59969	0.00004	0.01730	1.49576E-07	3.6627E-05
610924.43	4205742.03	1975.11899	0.00003	0.01703	1.47241E-07	3.4842E-05
610931.43	4205742.03	1879.93899	0.00003	0.01677	1.44993E-07	3.3167E-05
610938.43	4205742.03	1791.67653	0.00003	0.01652	1.42832E-07	3.1615E-05
610945.43	4205742.03	1709.86332	0.00003	0.01627	1.40670E-07	3.0176E-05
610952.43	4205742.03	1634.09028	0.00003	0.01603	1.38595E-07	2.8843E-05
610959.43	4205742.03	1563.84886	0.00003	0.01580	1.36607E-07	2.7607E-05
610966.43	4205742.03	1498.82654	0.00003	0.01558	1.34705E-07	2.6463E-05
610973.43	4205742.03	1438.5849	0.00003	0.01536	1.32802E-07	2.5403E-05
610980.43	4205742.03	1382.73577	0.00002	0.01515	1.30987E-07	2.4420E-05
610987.43	4205742.03	1330.95835	0.00002	0.01495	1.29258E-07	2.3509E-05
610994.43	4205742.03	1282.88376	0.00002	0.01475	1.27528E-07	2.2662E-05
611001.43	4205742.03	1238.24317	0.00002	0.01455	1.25799E-07	2.1876E-05
611008.43	4205742.03	1196.76233	0.00002	0.01437	1.24243E-07	2.1146E-05
611015.43	4205742.03	1158.12317	0.00002	0.01418	1.22600E-07	2.0466E-05
611022.43	4205742.03	1122.15579	0.00002	0.01401	1.21130E-07	1.9833E-05
611029.43	4205742.03	1088.53009	0.00002	0.01383	1.19574E-07	1.9244E-05
611050.43	4205742.03	1000.21986	0.00002	0.01334	1.15338E-07	1.7685E-05
611057.43	4205742.03	974.35892	0.00002	0.01318	1.13954E-07	1.7229E-05
611064.43	4205742.03	950.02339	0.00002	0.01302	1.12571E-07	1.6800E-05
611071.43	4205742.03	927.07739	0.00002	0.01287	1.11274E-07	1.6396E-05
611078.43	4205742.03	905.44315	0.00002	0.01273	1.10064E-07	1.6015E-05
611085.43	4205742.03	884.95891	0.00002	0.01258	1.08767E-07	1.5654E-05
611092.43	4205742.03	865.53515	0.00002	0.01244	1.07556E-07	1.5311E-05
610294.43	4205749.03	7557.70272	0.00013	0.08520	7.36639E-07	1.3349E-04
610301.43	4205749.03	7735.59301	0.00014	0.08440	7.29722E-07	1.3661E-04
610308.43	4205749.03	7915.9586	0.00014	0.08359	7.22719E-07	1.3977E-04
610315.43	4205749.03	8099.31254	0.00014	0.08277	7.15629E-07	1.4299E-04
610322.43	4205749.03	8284.90224	0.00015	0.08194	7.08453E-07	1.4624E-04
610329.43	4205749.03	8473.06722	0.00015	0.08112	7.01363E-07	1.4954E-04
610336.43	4205749.03	8663.06938	0.00015	0.08027	6.94014E-07	1.5287E-04
610343.43	4205749.03	8855.24552	0.00016	0.07941	6.86578E-07	1.5624E-04
610350.43	4205749.03	9048.77684	0.00016	0.07854	6.79056E-07	1.5963E-04
610357.43	4205749.03	9243.96176	0.00016	0.07787	6.73264E-07	1.6305E-04
610364.43	4205749.03	9456.64351	0.00017	0.07699	6.65655E-07	1.6678E-04
610371.43	4205749.03	9653.91518	0.00017	0.07613	6.58220E-07	1.7024E-04
610378.43	4205749.03	9851.24054	0.00017	0.07524	6.50525E-07	1.7369E-04
610385.43	4205749.03	10048.57796	0.00018	0.07434	6.42743E-07	1.7715E-04
610392.43	4205749.03	10245.77807	0.00018	0.07345	6.35048E-07	1.8061E-04
610399.43	4205749.03	10441.62864	0.00018	0.07253	6.27094E-07	1.8404E-04
610406.43	4205749.03	10636.47938	0.00019	0.07159	6.18967E-07	1.8746E-04
610413.43	4205749.03	10828.90718	0.00019	0.07062	6.10580E-07	1.9083E-04
610420.43	4205749.03	11019.16375	0.00019	0.06966	6.02280E-07	1.9416E-04
610427.43	4205749.03	11205.83665	0.00020	0.06869	5.93893E-07	1.9743E-04
610434.43	4205749.03	11389.04724	0.00020	0.06772	5.85507E-07	2.0064E-04
610441.43	4205749.03	11567.48175	0.00020	0.06674	5.77034E-07	2.0377E-04
610448.43	4205749.03	11741.00295	0.00021	0.06576	5.68561E-07	2.0681E-04
610455.43	4205749.03	11908.26278	0.00021	0.06478	5.60088E-07	2.0974E-04
610462.43	4205749.03	12069.30364	0.00021	0.06380	5.51614E-07	2.1256E-04
610469.43	4205749.03	12222.54871	0.00021	0.06282	5.43141E-07	2.1524E-04
610476.43	4205749.03	12367.64499	0.00022	0.06184	5.34668E-07	2.1778E-04
610483.43	4205749.03	12504.2646	0.00022	0.06087	5.26282E-07	2.2017E-04
610490.43	4205749.03	12630.69745	0.00022	0.05989	5.17809E-07	2.2239E-04
610504.43	4205749.03	12851.12402	0.00023	0.05794	5.00949E-07	2.2624E-04
610511.43	4205749.03	12943.52961	0.00023	0.05696	4.92476E-07	2.2786E-04
610518.43	4205749.03	13023.94696	0.00023	0.05600	4.84176E-07	2.2926E-04
610525.43	4205749.03	13090.71365	0.00023	0.05502	4.75703E-07	2.3042E-04
610532.43	4205749.03	13144.31043	0.00023	0.05404	4.67230E-07	2.3136E-04
610539.43	4205749.03	13183.2943	0.00023	0.05307	4.58843E-07	2.3203E-04
610546.43	4205749.03	13207.93325	0.00023	0.05211	4.50543E-07	2.3246E-04
610553.43	4205749.03	13217.60718	0.00023	0.05115	4.42243E-07	2.3262E-04
610560.43	4205749.03	13211.30885	0.00023	0.05019	4.33942E-07	2.3250E-04
610567.43	4205749.03	13188.88194	0.00023	0.04924	4.25729E-07	2.3210E-04
610574.43	4205749.03	13148.87822	0.00023	0.04828	4.17429E-07	2.3139E-04
610581.43	4205749.03	13092.16625	0.00023	0.04733	4.09215E-07	2.3038E-04
610588.43	4205749.03	13019.54446	0.00023	0.04639	4.01088E-07	2.2910E-04
610595.43	4205749.03	12930.4207	0.00023	0.04546	3.93047E-07	2.2753E-04
610602.43	4205749.03	12825.01523	0.00023	0.04454	3.85093E-07	2.2567E-04
610609.43	4205749.03	12703.32947	0.00022	0.04362	3.77138E-07	2.2352E-04
610616.43	4205749.03	12564.9096	0.00022	0.04272	3.69357E-07	2.2108E-04
610623.43	4205749.03	12410.86593	0.00022	0.04182	3.61576E-07	2.1837E-04
610630.43	4205749.03	12240.98265	0.00022	0.04094	3.53967E-07	2.1538E-04
610651.43	4205749.03	11645.51003	0.00020	0.03837	3.31747E-07	2.0488E-04
610658.43	4205749.03	11418.79707	0.00020	0.03754	3.24571E-07	2.0090E-04
610665.43	4205749.03	11178.92321	0.00020	0.03673	3.17567E-07	1.9668E-04
610672.43	4205749.03	10925.77203	0.00019	0.03592	3.10564E-07	1.9223E-04
610679.43	4205749.03	10661.09404	0.00019	0.03513	3.03734E-07	1.8757E-04
610686.43	4205749.03	10384.85297	0.00018	0.03435	2.96990E-07	1.8271E-04
610693.43	4205749.03	10098.94115	0.00018	0.03359	2.90419E-07	1.7769E-04
610700.43	4205749.03	9803.63298	0.00017	0.03284	2.83934E-07	1.7249E-04
610707.43	4205749.03	9501.02657	0.00017	0.03210	2.77536E-07	1.6717E-04
610728.43	4205749.03	8548.2118	0.00015	0.02998	2.59207E-07	1.5041E-04
610735.43	4205749.03	8222.91246	0.00014	0.02930	2.53328E-07	1.4469E-04
610742.43	4205749.03	7895.73911	0.00014	0.02864	2.47621E-07	1.3894E-04
610749.43	4205749.03	7569.12134	0.00013	0.02800	2.42088E-07	1.3320E-04

610756.43	4205749.03	7243.2322	0.00013	0.02738	2.36727E-07	1.2747E-04
610763.43	4205749.03	6920.59834	0.00012	0.02678	2.31540E-07	1.2180E-04
610770.43	4205749.03	6601.34272	0.00012	0.02619	2.26439E-07	1.1618E-04
610777.43	4205749.03	6287.91622	0.00011	0.02562	2.21510E-07	1.1067E-04
610784.43	4205749.03	5980.24386	0.00011	0.02507	2.16755E-07	1.0526E-04
610791.43	4205749.03	5679.36354	0.00010	0.02453	2.12086E-07	9.9974E-05
610798.43	4205749.03	5386.7491	0.00009	0.02401	2.07590E-07	9.4830E-05
610805.43	4205749.03	5102.75795	0.00009	0.02351	2.03267E-07	8.9837E-05
610812.43	4205749.03	4829.36036	0.00008	0.02303	1.99117E-07	8.5036E-05
610819.43	4205749.03	4566.6257	0.00008	0.02256	1.95054E-07	8.0411E-05
610826.43	4205749.03	4314.98042	0.00008	0.02211	1.91163E-07	7.5987E-05
610833.43	4205749.03	4074.82004	0.00007	0.02167	1.87359E-07	7.1765E-05
610840.43	4205749.03	3845.77945	0.00007	0.02125	1.83727E-07	6.7738E-05
610847.43	4205749.03	3629.21913	0.00006	0.02085	1.80269E-07	6.3930E-05
610854.43	4205749.03	3424.50137	0.00006	0.02046	1.76897E-07	6.0331E-05
610861.43	4205749.03	3234.042	0.00006	0.02008	1.73612E-07	5.6982E-05
610868.43	4205749.03	3057.55139	0.00005	0.01972	1.70499E-07	5.3879E-05
610875.43	4205749.03	2892.16675	0.00005	0.01937	1.67478E-07	5.0971E-05
610882.43	4205749.03	2737.5133	0.00005	0.01903	1.64533E-07	4.8251E-05
610889.43	4205749.03	2593.26632	0.00005	0.01871	1.61767E-07	4.5714E-05
610910.43	4205749.03	2217.77689	0.00004	0.01780	1.53899E-07	3.9111E-05
610917.43	4205749.03	2106.04402	0.00004	0.01752	1.51478E-07	3.7146E-05
610924.43	4205749.03	2001.87527	0.00004	0.01724	1.49057E-07	3.5313E-05
610931.43	4205749.03	1905.34332	0.00003	0.01698	1.46809E-07	3.3616E-05
610938.43	4205749.03	1815.9235	0.00003	0.01672	1.44561E-07	3.2043E-05
610945.43	4205749.03	1733.15905	0.00003	0.01647	1.42400E-07	3.0587E-05
610952.43	4205749.03	1656.56898	0.00003	0.01623	1.40325E-07	2.9238E-05
610959.43	4205749.03	1585.67916	0.00003	0.01600	1.38336E-07	2.7992E-05
610966.43	4205749.03	1520.08199	0.00003	0.01577	1.36347E-07	2.6838E-05
610973.43	4205749.03	1459.3306	0.00003	0.01555	1.34445E-07	2.5769E-05
610980.43	4205749.03	1403.05797	0.00002	0.01533	1.32543E-07	2.4778E-05
610987.43	4205749.03	1350.89356	0.00002	0.01513	1.30814E-07	2.3860E-05
610994.43	4205749.03	1302.52668	0.00002	0.01493	1.29085E-07	2.3009E-05
611001.43	4205749.03	1257.60116	0.00002	0.01473	1.27356E-07	2.2218E-05
611008.43	4205749.03	1215.83713	0.00002	0.01454	1.25713E-07	2.1483E-05
611015.43	4205749.03	1176.97661	0.00002	0.01435	1.24070E-07	2.0799E-05
611022.43	4205749.03	1140.73914	0.00002	0.01417	1.22514E-07	2.0160E-05
611029.43	4205749.03	1106.95997	0.00002	0.01400	1.21044E-07	1.9566E-05
611050.43	4205749.03	1018.00326	0.00002	0.01349	1.16634E-07	1.7999E-05
611057.43	4205749.03	991.91589	0.00002	0.01333	1.15251E-07	1.7539E-05
611064.43	4205749.03	967.38076	0.00002	0.01318	1.13954E-07	1.7107E-05
611071.43	4205749.03	944.23091	0.00002	0.01302	1.12571E-07	1.6699E-05
611078.43	4205749.03	922.37079	0.00002	0.01287	1.11274E-07	1.6313E-05
611085.43	4205749.03	901.6589	0.00002	0.01273	1.10064E-07	1.5948E-05
611092.43	4205749.03	882.04418	0.00002	0.01258	1.08767E-07	1.5603E-05
610294.43	4205756.03	7648.10124	0.00013	0.08716	7.53585E-07	1.3510E-04
610301.43	4205756.03	7832.5305	0.00014	0.08635	7.46582E-07	1.3833E-04
610308.43	4205756.03	8019.86466	0.00014	0.08552	7.39406E-07	1.4161E-04
610315.43	4205756.03	8210.55046	0.00014	0.08469	7.32229E-07	1.4496E-04
610322.43	4205756.03	8403.8004	0.00015	0.08386	7.25053E-07	1.4834E-04
610329.43	4205756.03	8599.78479	0.00015	0.08298	7.17445E-07	1.5178E-04
610336.43	4205756.03	8798.5853	0.00015	0.08212	7.10009E-07	1.5526E-04
610343.43	4205756.03	8999.39456	0.00016	0.08126	7.02574E-07	1.5878E-04
610350.43	4205756.03	9202.53998	0.00016	0.08058	6.96694E-07	1.6235E-04
610357.43	4205756.03	9424.04143	0.00017	0.07970	6.89086E-07	1.6623E-04
610364.43	4205756.03	9630.693	0.00017	0.07881	6.81391E-07	1.6985E-04
610371.43	4205756.03	9838.16377	0.00017	0.07792	6.73696E-07	1.7348E-04
610378.43	4205756.03	10046.77925	0.00018	0.07701	6.65828E-07	1.7714E-04
610385.43	4205756.03	10255.47322	0.00018	0.07608	6.57787E-07	1.8080E-04
610392.43	4205756.03	10464.41156	0.00018	0.07517	6.49919E-07	1.8446E-04
610399.43	4205756.03	10672.51123	0.00019	0.07421	6.41619E-07	1.8811E-04
610406.43	4205756.03	10879.82518	0.00019	0.07323	6.33146E-07	1.9175E-04
610413.43	4205756.03	11085.21026	0.00019	0.07224	6.24587E-07	1.9534E-04
610420.43	4205756.03	11288.30099	0.00020	0.07125	6.16027E-07	1.9890E-04
610427.43	4205756.03	11488.90093	0.00020	0.07026	6.07468E-07	2.0242E-04
610434.43	4205756.03	11685.54869	0.00021	0.06926	5.98822E-07	2.0586E-04
610441.43	4205756.03	11878.32373	0.00021	0.06826	5.90176E-07	2.0924E-04
610448.43	4205756.03	12065.68469	0.00021	0.06725	5.81443E-07	2.1252E-04
610455.43	4205756.03	12247.70434	0.00022	0.06625	5.72797E-07	2.1571E-04
610462.43	4205756.03	12422.70297	0.00022	0.06525	5.64151E-07	2.1878E-04
610469.43	4205756.03	12590.73162	0.00022	0.06424	5.55419E-07	2.2172E-04
610476.43	4205756.03	12750.14373	0.00022	0.06324	5.46773E-07	2.2451E-04
610483.43	4205756.03	12900.8424	0.00023	0.06224	5.38127E-07	2.2715E-04
610490.43	4205756.03	13041.3338	0.00023	0.06123	5.29394E-07	2.2961E-04
610504.43	4205756.03	13287.72758	0.00023	0.05922	5.12016E-07	2.3392E-04
610511.43	4205756.03	13392.8746	0.00024	0.05822	5.03370E-07	2.3576E-04
610518.43	4205756.03	13484.88895	0.00024	0.05721	4.94637E-07	2.3737E-04
610525.43	4205756.03	13562.79401	0.00024	0.05620	4.85905E-07	2.3873E-04
610532.43	4205756.03	13626.6958	0.00024	0.05520	4.77259E-07	2.3984E-04
610539.43	4205756.03	13675.41451	0.00024	0.05420	4.68613E-07	2.4069E-04
610546.43	4205756.03	13708.6982	0.00024	0.05320	4.59967E-07	2.4126E-04
610553.43	4205756.03	13725.69564	0.00024	0.05221	4.51407E-07	2.4155E-04
610560.43	4205756.03	13726.23692	0.00024	0.05123	4.42934E-07	2.4155E-04
610567.43	4205756.03	13709.11307	0.00024	0.05025	4.34461E-07	2.4125E-04
610574.43	4205756.03	13673.73905	0.00024	0.04926	4.25902E-07	2.4062E-04
610581.43	4205756.03	13620.54828	0.00024	0.04829	4.17515E-07	2.3967E-04
610588.43	4205756.03	13550.11967	0.00024	0.04732	4.09128E-07	2.3843E-04
610595.43	4205756.03	13461.45631	0.00024	0.04637	4.00915E-07	2.3686E-04
610602.43	4205756.03	13355.49063	0.00023	0.04542	3.92703E-07	2.3499E-04
610609.43	4205756.03	13231.34908	0.00023	0.04448	3.84574E-07	2.3280E-04
610616.43	4205756.03	13090.04446	0.00023	0.04355	3.76533E-07	2.3031E-04
610623.43	4205756.03	12930.81465	0.00023	0.04263	3.68579E-07	2.2751E-04
610630.43	4205756.03	12754.73864	0.00022	0.04172	3.60711E-07	2.2441E-04
610651.43	4205756.03	12132.06786	0.00021	0.03908	3.37885E-07	2.1345E-04
610658.43	4205756.03	11893.68799	0.00021	0.03823	3.30536E-07	2.0925E-04
610665.43	4205756.03	11640.97521	0.00020	0.03739	3.23274E-07	2.0481E-04
610672.43	4205756.03	11373.90273	0.00020	0.03656	3.16098E-07	2.0011E-04
610679.43	4205756.03	11094.37082	0.00019	0.03575	3.09094E-07	1.9519E-04
610686.43	4205756.03	10802.42391	0.00019	0.03495	3.02178E-07	1.9005E-04
610693.43	4205756.03	10499.63434	0.00018	0.03416	2.95347E-07	1.8473E-04
610700.43	4205756.03	10187.75365	0.00018	0.03339	2.88609E-07	1.7924E-04
610707.43	4205756.03	9867.07366	0.00017	0.03264	2.82205E-07	1.7360E-04
610728.43	4205756.03	8860.8323	0.00016	0.03046	2.63357E-07	1.5591E-04
610735.43	4205756.03	8517.09002	0.00015	0.02977	2.57391E-07	1.4987E-04
610742.43	4205756.03	8172.1183	0.00014	0.02909	2.51512E-07	1.4380E-04
610749.43	4205756.03	7828.04425	0.00014	0.02844	2.45892E-07	1.3775E-04
610756.43	4205756.03	7485.03676	0.00013	0.02780	2.40359E-07	1.3172E-04
610763.43	4205756.03	7145.22324	0.00013	0.02718	2.34998E-07	1.2575E-04
610770.43	4205756.03	6809.97535	0.00012	0.02658	2.29811E-07	1.1985E-04
610777.43	4205756.03	6480.61402	0.00011	0.02600	2.24796E-07	1.1404E-04
610784.43	4205756.03	6158.37953	0.00011	0.02544	2.19954E-07	1.0840E-04
610791.43	4205756.03	5842.92142	0.00010	0.02489	2.15199E-07	1.0285E-04
610798.43	4205756.03	5536.60515	0.00010	0.02436	2.10616E-07	9.7465E-05
610805.43	4205756.03	5240.38407	0.00009	0.02385	2.06207E-07	9.2257E-05
610812.43	4205756.03	4954.26016	0.00009	0.02336	2.01970E-07	8.7227E-05
610819.43	4205756.03	4680.4369	0.00008	0.02288	1.97820E-07	8.2413E-05
610826.43	4205756.03	4418.56933	0.00008	0.02242	1.93843E-07	7.7809E-05
610833.43	4205756.03	4169.04285	0.00007	0.02197	1.89953E-07	7.3422E-05
610840.43	4205756.03	3931.4223	0.00007	0.02154	1.86235E-07	6.9245E-05
610847.43	4205756.03	3707.14117	0.00007	0.02113	1.82690E-07	6.5301E-05
610854.43	4205756.03	3495.51046	0.00006	0.02073	1.79231E-07	6.1580E-05
610861.43	4205756.03	3299.09954	0.00006	0.02035	1.75944E-07	5.8127E-05
610868.43	4205756.03	3116.86696	0.00005	0.01998	1.72747E-07	5.4923E-05
610875.43	4205756.03	2947.09293	0.00005	0.01963	1.69721E-07	5.1938E-05
610882.43	4205756.03	2787.89685	0.00005	0.01929	1.66781E-07	4.9138E-05
610889.43	4205756.03	2639.59613	0.00005	0.01895	1.63842E-07	4.6530E-05
610910.43	4205756.03	2249.65903	0.00004	0.01803	1.55887E-07	3.9673E-05
610917.43	4205756.03	2135.44578	0.00004	0.01774	1.53380E-07	3.7664E-05
610924.43	4205756.03	2029.67277	0.00004	0.01746	1.50959E-07	3.5804E-05
610931.43	4205756.03	1931.76287	0.00003	0.01719	1.48625E-07	3.4081E-05
610938.43	4205756.03	1841.22039	0.00003	0.01693	1.46377E-07	3.2488E-05
610945.43	4205756.03	1757.50923	0.00003	0.01668	1.44215E-07	3.1016E-05
610952.43	4205756.03	1680.07208	0.00003	0.01643	1.42054E-07	2.9654E-05
610959.43	4205756.03	1608.5299	0.00003	0.01619	1.39979E-07	2.8395E-05
610966.43	4205756.03	1542.34531	0.00003	0.01596	1.37990E-07	2.7230E-05
610973.43	4205756.03	1481.12395	0.00003	0.01574	1.36088E-07	2.6153E-05
610980.43	4205756.03	1424.43169	0.00003	0.01552	1.34186E-07	2.5155E-05
610987.43	4205756.03	1371.88728	0.00002	0.01531	1.32370E-07	2.4231E-05
610994.43	4205756.03	1323.18812	0.00002	0.01511	1.30641E-07	2.3373E-05
611001.43	4205756.03	1277.95947	0.00002	0.01491	1.28912E-07	2.2577E-05
611008.43	4205756.03	1235.93755	0.00002	0.01471	1.27183E-07	2.1837E-05
611015.43	4205756.03	1196.83533	0.00002	0.01453	1.25626E-07	2.1149E-05
611022.43	4205756.03	1160.37223	0.00002	0.01434	1.23984E-07	2.0507E-05
611029.43	4205756.03	1126.3197	0.00002	0.01416	1.22427E-07	1.9907E-05
611050.43	4205756.03	1036.70375	0.00002	0.01365	1.18018E-07	1.8328E-05
611057.43	4205756.03	1010.40411	0.00002	0.01349	1.16634E-07	1.7865E-05
611064.43	4205756.03	985.61281	0.00002	0.01333	1.15251E-07	1.7428E-05
611071.43	4205756.03	962.25482	0.00002	0.01317	1.13868E-07	1.7017E-05
611078.43	4205756.03	940.14202	0.00002	0.01302	1.12571E-07	1.6627E-05
611085.43	4205756.03	919.20604	0.00002	0.01287	1.11274E-07	1.6258E-05
611092.43	4205756.03	899.33985	0.00002	0.01272	1.09977E-07	1.5908E-05
610294.43	4205763.03	7736.61434	0.00014	0.08917	7.70963E-07	1.3667E-04
610301.43	4205763.03	7927.47435	0.00014	0.08836	7.63960E-07	1.4002E-04
610308.43	4205763.03	8122.16441	0.00014	0.08752	7.56697E-07	1.4343E-04
610315.43	4205763.03	8319.97353	0.00015	0.08669	7.49521E-07	1.4690E-04
610322.43	4205763.03	8521.40875	0.00015	0.08581	7.41913E-07	1.5043E-04
610329.43	4205763.03	8725.65524	0.00015	0.08494	7.34391E-07	1.5401E-04
610336.43	4205763.03	8933.20498	0.00016	0.08408	7.26955E-07	1.5765E-04
610343.43	4205763.03	9143.11178	0.00016	0.08337	7.20817E-07	1.6133E-04
610350.43	4205763.03	9373.12378	0.00016	0.08250	7.13295E-07	1.6536E-04
610357.43	4205763.03	9587.96283	0.00017	0.08159	7.05427E-07	1.6913E-04
610364.43	4205763.03	9804.67487	0.00017	0.08068	6.97559E-07	1.7292E-04
610371.43	4205763.03	10023.44374	0.00018	0.07977	6.89691E-07	1.7676E-04
610378.43	4205763.03	10243.10092	0.00018	0.07884	6.81650E-07	1.8061E-04
610385.43	4205763.03	10463.98555	0.00018	0.07789	6.73437E-07	1.8448E-04
610392.43	4205763.03	10684.92029	0.00019	0.07693	6.65136E-07	1.8835E-04
610399.43	4205763.03	10906.06617	0.00019	0.07594	6.56577E-07	1.9223E-04
610406.43	4205763.03	11126.29911	0.00020	0.07493	6.47844E-07	1.9609E-04
610413.43	4205763.03	11345.56462	0.00020	0.07392	6.39112E-07	1.9993E-04
610420.43	4205763.03	11562.67443	0.00020	0.07290	6.30293E-07	2.0374E-04
610427.43	4205763.03	11777.61509	0.00021	0.07188	6.21474E-07	2.0750E-04
610434.43	4205763.03	11988.97953	0.00021	0.07086	6.12655E-07	2.1121E-04
610441.43	4205763.03	12196.67849	0.00021	0.06983	6.03750E-07	2.1485E-04
610448.43	4205763.03	12399.26577	0.00022	0.06880	5.94844E-07	2.1840E-04
610455.43	4205763.03	12596.22156	0.00022	0.06777	5.85939E-07	2.2185E-04
610462.43	4205763.03	12787.13588	0.00022	0.06674	5.77034E-07	2.2519E-04
610469.43	4205763.03	12970.31673	0.00023	0.06571	5.68128E-07	2.2840E-04
610476.43	4205763.03	13145.63265	0.00023	0.06468	5.59223E-07	2.3147E-04
610483.43	4205763.03	13311.39997	0.00023	0.06365	5.50318E-07	2.3437E-04
610490.43	4205763.03	13467.51553	0.00024	0.06262	5.41412E-07	2.3711E-04
610504.43	4205763.03	13742.5463	0.00024	0.06054	5.23428E-07	2.4192E-04
610511.43	4205763.03	13861.23204	0.00024	0.05950	5.14437E-07	2.4400E-04
610518.43	4205763.03	13966.36851	0.00025	0.05846	5.05445E-07	2.4583E-04
610525.43	4205763.03	14057.45441	0.00025	0.05743	4.96539E-07	2.4743E-04
610532.43	4205763.03	14132.84894	0.00025	0.05639	4.87548E-07	2.4874E-04
610539.43	4205763.03	14192.35239	0.00025	0.05536	4.78642E-07	2.4978E-04
610546.43	4205763.03	14235.16475	0.00025	0.05433	4.69737E-07	2.5052E-04
610553.43	4205763.03	14260.87872	0.00025	0.05331	4.60918E-07	2.5096E-04
610560.43	4205763.03	14268.89434	0.00025	0.05230	4.52186E-07	2.5110E-04
610567.43	4205763.03	14258.19218	0.00025	0.05129	4.43453E-07	2.5090E-04
610574.43	4205763.03	14228.66028	0.00025	0.05028	4.34721E-07	2.5037E-04
610581.43	4205763.03	14179.75856	0.00025	0.04928	4.26075E-07	2.4950E-04
610588.43	4205763.03	14111.7805	0.00025	0.04829	4.17515E-07	2.4830E-04
610595.43	4205763.03	14024.96058	0.00025	0.04730	4.08956E-07	2.4677E-04
610602.43	4205763.03	13918.38005	0.00024	0.04633	4.00569E-07	2.4489E-04
610609.43	4205763.03	13792.63579	0.00024	0.04536	3.92182E-07	2.4267E-04

610616.43	4205763.03	13647.65931	0.00024	0.04441	3.83969E-07	2.4012E-04
610623.43	4205763.03	13483.60642	0.00024	0.04346	3.75755E-07	2.3723E-04
610630.43	4205763.03	13301.27497	0.00023	0.04253	3.67714E-07	2.3401E-04
610651.43	4205763.03	12649.47279	0.00022	0.03982	3.44284E-07	2.2254E-04
610658.43	4205763.03	12399.08266	0.00022	0.03894	3.36675E-07	2.1814E-04
610665.43	4205763.03	12132.22438	0.00021	0.03808	3.29239E-07	2.1344E-04
610672.43	4205763.03	11850.75041	0.00021	0.03722	3.21804E-07	2.0849E-04
610679.43	4205763.03	11554.76109	0.00020	0.03639	3.14628E-07	2.0328E-04
610686.43	4205763.03	11246.39057	0.00020	0.03556	3.07452E-07	1.9786E-04
610693.43	4205763.03	10925.85141	0.00019	0.03475	3.00448E-07	1.9222E-04
610700.43	4205763.03	10595.58115	0.00019	0.03396	2.93618E-07	1.8641E-04
610707.43	4205763.03	10255.98201	0.00018	0.03319	2.86965E-07	1.8044E-04
610714.43	4205763.03	9907.44115	0.00017	0.03243	2.80390E-07	1.7431E-04
610735.43	4205763.03	8828.07067	0.00016	0.03025	2.61541E-07	1.5533E-04
610742.43	4205763.03	8464.00237	0.00015	0.02956	2.55576E-07	1.4893E-04
610749.43	4205763.03	8100.56182	0.00014	0.02889	2.49783E-07	1.4254E-04
610756.43	4205763.03	7739.26089	0.00014	0.02823	2.44076E-07	1.3619E-04
610763.43	4205763.03	7381.74128	0.00013	0.02760	2.38628E-07	1.2996E-04
610770.43	4205763.03	7029.49792	0.00012	0.02699	2.33355E-07	1.2371E-04
610777.43	4205763.03	6683.86277	0.00012	0.02639	2.28168E-07	1.1764E-04
610784.43	4205763.03	6345.42771	0.00011	0.02582	2.23240E-07	1.1169E-04
610791.43	4205763.03	6014.50836	0.00011	0.02526	2.18398E-07	1.0587E-04
610798.43	4205763.03	5693.63277	0.00010	0.02472	2.13729E-07	1.0023E-04
610805.43	4205763.03	5383.78738	0.00009	0.02419	2.09147E-07	9.4778E-05
610812.43	4205763.03	5084.89677	0.00009	0.02369	2.04824E-07	8.9525E-05
610819.43	4205763.03	4799.34829	0.00008	0.02320	2.00587E-07	8.4505E-05
610826.43	4205763.03	4526.73856	0.00008	0.02273	1.96523E-07	7.9712E-05
610833.43	4205763.03	4267.3819	0.00007	0.02228	1.92633E-07	7.5152E-05
610840.43	4205763.03	4021.56344	0.00007	0.02184	1.88829E-07	7.0831E-05
610847.43	4205763.03	3788.47754	0.00007	0.02142	1.85197E-07	6.6733E-05
610854.43	4205763.03	3569.64928	0.00006	0.02102	1.81739E-07	6.2885E-05
610861.43	4205763.03	3367.06349	0.00006	0.02063	1.78367E-07	5.932E-05
610868.43	4205763.03	3178.82658	0.00006	0.02025	1.75081E-07	5.6013E-05
610875.43	4205763.03	3003.69518	0.00005	0.01989	1.71969E-07	5.2934E-05
610882.43	4205763.03	2839.80137	0.00005	0.01954	1.68943E-07	5.005E-05
610889.43	4205763.03	2687.97662	0.00005	0.01920	1.66003E-07	4.732E-05
610910.43	4205763.03	2282.05943	0.00004	0.01826	1.57876E-07	4.0244E-05
610917.43	4205763.03	2165.93219	0.00004	0.01797	1.55369E-07	3.820E-05
610924.43	4205763.03	2058.56601	0.00004	0.01768	1.52861E-07	3.6313E-05
610931.43	4205763.03	1959.32446	0.00003	0.01741	1.50527E-07	3.4567E-05
610938.43	4205763.03	1867.62137	0.00003	0.01714	1.48192E-07	3.2954E-05
610945.43	4205763.03	1782.97609	0.00003	0.01689	1.46031E-07	3.146E-05
610952.43	4205763.03	1704.78438	0.00003	0.01664	1.43869E-07	3.0090E-05
610959.43	4205763.03	1632.53263	0.00003	0.01640	1.41794E-07	2.8818E-05
610966.43	4205763.03	1565.7485	0.00003	0.01616	1.39719E-07	2.7643E-05
610973.43	4205763.03	1504.02399	0.00003	0.01593	1.37731E-07	2.6557E-05
610980.43	4205763.03	1446.9085	0.00003	0.01571	1.35829E-07	2.5552E-05
610987.43	4205763.03	1394.01234	0.00002	0.01550	1.34013E-07	2.4621E-05
610994.43	4205763.03	1344.97429	0.00002	0.01529	1.32197E-07	2.375BE-05
611001.43	4205763.03	1299.45085	0.00002	0.01509	1.30468E-07	2.2956E-05
611008.43	4205763.03	1257.13756	0.00002	0.01489	1.28739E-07	2.2211E-05
611015.43	4205763.03	1217.74257	0.00002	0.01470	1.27096E-07	2.151BE-05
611022.43	4205763.03	1181.03533	0.00002	0.01451	1.25453E-07	2.0871E-05
611029.43	4205763.03	1146.76004	0.00002	0.01433	1.23897E-07	2.026BE-05
611050.43	4205763.03	1056.38681	0.00002	0.01381	1.19401E-07	1.867BE-05
611057.43	4205763.03	1029.83444	0.00002	0.01365	1.18018E-07	1.820BE-05
611064.43	4205763.03	1004.82384	0.00002	0.01349	1.16634E-07	1.776TE-05
611071.43	4205763.03	981.18666	0.00002	0.01333	1.15251E-07	1.735IE-05
611078.43	4205763.03	958.84655	0.00002	0.01317	1.13868E-07	1.695TE-05
611085.43	4205763.03	937.67813	0.00002	0.01302	1.12577E-07	1.658HE-05
611092.43	4205763.03	917.57027	0.00002	0.01287	1.11274E-07	1.6229E-05
610294.43	4205770.03	7823.18359	0.00014	0.09129	7.89293E-07	1.3821E-04
610301.43	4205770.03	8020.7475	0.00014	0.09045	7.82030E-07	1.4167E-04
610308.43	4205770.03	8222.29346	0.00014	0.08959	7.74595E-07	1.4521E-04
610315.43	4205770.03	8427.99289	0.00015	0.08872	7.67073E-07	1.4881E-04
610322.43	4205770.03	8637.11303	0.00015	0.08785	7.59551E-07	1.524BE-04
610329.43	4205770.03	8850.16236	0.00016	0.08698	7.52029E-07	1.5621E-04
610336.43	4205770.03	9066.21908	0.00016	0.08605	7.43938E-07	1.600DE-04
610343.43	4205770.03	9303.67409	0.00016	0.08538	7.38195E-07	1.641BE-04
610350.43	4205770.03	9525.97441	0.00017	0.08446	7.30241E-07	1.680IE-04
610357.43	4205770.03	9751.39626	0.00017	0.08356	7.22459E-07	1.7201E-04
610364.43	4205770.03	9979.00695	0.00018	0.08262	7.14332E-07	1.760DE-04
610371.43	4205770.03	10209.04696	0.00018	0.08169	7.06291E-07	1.8004E-04
610378.43	4205770.03	10440.60601	0.00018	0.08073	6.97991E-07	1.8409E-04
610385.43	4205770.03	10673.7807	0.00019	0.07976	6.89605E-07	1.881BE-04
610392.43	4205770.03	10907.58352	0.00019	0.07874	6.80786E-07	1.922BE-04
610399.43	4205770.03	11141.75001	0.00020	0.07772	6.71967E-07	1.9638E-04
610406.43	4205770.03	11376.12279	0.00020	0.07669	6.63061E-07	2.0048E-04
610413.43	4205770.03	11609.41263	0.00020	0.07565	6.54070E-07	2.045BE-04
610420.43	4205770.03	11841.63753	0.00021	0.07461	6.45078E-07	2.086IE-04
610427.43	4205770.03	12071.4283	0.00021	0.07357	6.36086E-07	2.126BE-04
610434.43	4205770.03	12298.68448	0.00022	0.07252	6.27008E-07	2.166EE-04
610441.43	4205770.03	12522.03086	0.00022	0.07146	6.17848E-07	2.205BE-04
610448.43	4205770.03	12741.38286	0.00022	0.07041	6.08765E-07	2.244ZE-04
610455.43	4205770.03	12954.67684	0.00023	0.06935	5.99600E-07	2.281IE-04
610462.43	4205770.03	13162.28373	0.00023	0.06829	5.90435E-07	2.318BE-04
610469.43	4205770.03	13362.1812	0.00023	0.06723	5.81270E-07	2.353DE-04
610476.43	4205770.03	13554.39757	0.00024	0.06617	5.72105E-07	2.386TE-04
610483.43	4205770.03	13736.95631	0.00024	0.06512	5.63027E-07	2.418BE-04
610490.43	4205770.03	13909.21389	0.00024	0.06406	5.53862E-07	2.448BE-04
610504.43	4205770.03	14216.54011	0.00025	0.06192	5.35360E-07	2.502GE-04
610511.43	4205770.03	14350.35599	0.00025	0.06084	5.26023E-07	2.526DE-04
610518.43	4205770.03	14468.97634	0.00025	0.05976	5.16685E-07	2.546HE-04
610525.43	4205770.03	14574.85336	0.00026	0.05869	5.07433E-07	2.565IE-04
610532.43	4205770.03	14663.28837	0.00026	0.05763	4.98269E-07	2.580TE-04
610539.43	4205770.03	14735.26903	0.00026	0.05657	4.89104E-07	2.593ZE-04
610546.43	4205770.03	14789.18562	0.00026	0.05551	4.79939E-07	2.602GE-04
610553.43	4205770.03	14824.77673	0.00026	0.05445	4.70774E-07	2.608BE-04
610560.43	4205770.03	14841.77765	0.00026	0.05341	4.61783E-07	2.611TE-04
610567.43	4205770.03	14838.9495	0.00026	0.05237	4.52791E-07	2.611IE-04
610574.43	4205770.03	14815.68014	0.00026	0.05133	4.43799E-07	2.606IE-04
610581.43	4205770.03	14772.02427	0.00026	0.05030	4.34894E-07	2.5992E-04
610588.43	4205770.03	14707.77087	0.00026	0.04928	4.26075E-07	2.587BE-04
610595.43	4205770.03	14622.51675	0.00026	0.04827	4.17342E-07	2.5727E-04
610602.43	4205770.03	14516.44961	0.00025	0.04727	4.08696E-07	2.554DE-04
610609.43	4205770.03	14389.37929	0.00025	0.04628	4.00137E-07	2.531GE-04
610616.43	4205770.03	14241.37661	0.00025	0.04529	3.91577E-07	2.505SE-04
610623.43	4205770.03	14072.65468	0.00025	0.04432	3.83191E-07	2.475BE-04
610630.43	4205770.03	13882.84593	0.00024	0.04336	3.74890E-07	2.442AE-04
610651.43	4205770.03	13201.47405	0.00023	0.04057	3.50768E-07	2.324AE-04
610658.43	4205770.03	12937.82588	0.00023	0.03967	3.42987E-07	2.2761E-04
610665.43	4205770.03	12656.21227	0.00022	0.03878	3.35292E-07	2.226SE-04
610672.43	4205770.03	12358.25776	0.00022	0.03790	3.27683E-07	2.1741E-04
610679.43	4205770.03	12045.57816	0.00021	0.03704	3.20248E-07	2.1191E-04
610686.43	4205770.03	11718.47706	0.00021	0.03619	3.12899E-07	2.0616E-04
610693.43	4205770.03	11379.3179	0.00020	0.03536	3.05722E-07	2.001BE-04
610700.43	4205770.03	11028.61921	0.00019	0.03455	2.98719E-07	1.940ZE-04
610707.43	4205770.03	10669.12751	0.00019	0.03376	2.91889E-07	1.877OE-04
610714.43	4205770.03	10299.61904	0.00018	0.03297	2.85058E-07	1.8121E-04
610742.43	4205770.03	8772.63416	0.00015	0.03003	2.59639E-07	1.543BE-04
610749.43	4205770.03	8389.11818	0.00015	0.02935	2.53760E-07	1.476IE-04
610756.43	4205770.03	8007.51599	0.00014	0.02868	2.47967E-07	1.4091E-04
610763.43	4205770.03	7631.0801	0.00013	0.02803	2.42347E-07	1.3429E-04
610770.43	4205770.03	7260.70815	0.00013	0.02740	2.36900E-07	1.277BE-04
610777.43	4205770.03	6896.99685	0.00012	0.02679	2.31626E-07	1.213BE-04
610784.43	4205770.03	6542.11561	0.00011	0.02620	2.26525E-07	1.1514E-04
610791.43	4205770.03	6194.72795	0.00011	0.02563	2.21597E-07	1.0904E-04
610798.43	4205770.03	5858.38465	0.00010	0.02508	2.16842E-07	1.0312E-04
610805.43	4205770.03	5534.08207	0.00010	0.02455	2.12259E-07	9.7422E-05
610812.43	4205770.03	5222.60615	0.00009	0.02403	2.07763E-07	9.1947E-05
610819.43	4205770.03	4923.81332	0.00009	0.02354	2.03527E-07	8.6694E-05
610826.43	4205770.03	4639.88148	0.00008	0.02306	1.99377E-07	8.1702E-05
610833.43	4205770.03	4370.1906	0.00008	0.02260	1.95399E-07	7.6961E-05
610840.43	4205770.03	4115.06546	0.00007	0.02215	1.91509E-07	7.247EE-05
610847.43	4205770.03	3874.34494	0.00007	0.02172	1.87791E-07	6.8243E-05
610854.43	4205770.03	3647.11244	0.00006	0.02131	1.84246E-07	6.4248E-05
610861.43	4205770.03	3438.11696	0.00006	0.02091	1.80788E-07	6.057 4E-05
610868.43	4205770.03	3244.36415	0.00006	0.02053	1.77502E-07	5.7167E-05
610875.43	4205770.03	3062.90646	0.00005	0.02016	1.74303E-07	5.397EE-05
610882.43	4205770.03	2890.86747	0.00005	0.01980	1.71191E-07	5.095 1E-05
610889.43	4205770.03	2730.3272	0.00005	0.01946	1.68251E-07	4.812BE-05
610910.43	4205770.03	2315.63524	0.00004	0.01850	1.59951E-07	4.083GE-05
610917.43	4205770.03	2197.64257	0.00004	0.01820	1.57357E-07	3.876 1E-05
610924.43	4205770.03	2088.66147	0.00004	0.01791	1.54850E-07	3.6844E-05
610931.43	4205770.03	1988.08115	0.00003	0.01763	1.52429E-07	3.507 5E-05
610938.43	4205770.03	1895.27269	0.00003	0.01736	1.50094E-07	3.3442E-05
610945.43	4205770.03	1809.64568	0.00003	0.01710	1.47847E-07	3.1936E-05
610952.43	4205770.03	1730.66112	0.00003	0.01685	1.45685E-07	3.0546E-05
610959.43	4205770.03	1657.74792	0.00003	0.01660	1.43524E-07	2.926 3E-05
610966.43	4205770.03	1590.44213	0.00003	0.01637	1.41535E-07	2.8079E-05
610973.43	4205770.03	1528.20096	0.00003	0.01613	1.39460E-07	2.6983E-05
610980.43	4205770.03	1470.66059	0.00003	0.01591	1.37558E-07	2.5971E-05
610987.43	4205770.03	1417.38505	0.00002	0.01569	1.35656E-07	2.5033E-05
610994.43	4205770.03	1367.97333	0.00002	0.01548	1.33840E-07	2.4163E-05
611001.43	4205770.03	1322.14423	0.00002	0.01528	1.32111E-07	2.335 7E-05
611008.43	4205770.03	1279.51675	0.00002	0.01508	1.30382E-07	2.2606E-05
611015.43	4205770.03	1239.8501	0.00002	0.01488	1.28652E-07	2.190BE-05
611022.43	4205770.03	1202.84333	0.00002	0.01469	1.27010E-07	2.125 4E-05
611043.43	4205770.03	1105.62228	0.00002	0.01415	1.22341E-07	1.9543E-05
611050.43	4205770.03	1077.12622	0.00002	0.01398	1.20871E-07	1.9041E-05
611057.43	4205770.03	1050.31981	0.00002	0.01381	1.19401E-07	1.8569E-05
611064.43	4205770.03	1025.04748	0.00002	0.01364	1.17931E-07	1.8124E-05
611071.43	4205770.03	1001.18211	0.00002	0.01348	1.16548E-07	1.770 8E-05
611078.43	4205770.03	978.56644	0.00002	0.01333	1.15251E-07	1.730 4E-05
611085.43	4205770.03	957.13301	0.00002	0.01317	1.13868E-07	1.6927E-05
611092.43	4205770.03	936.76493	0.00002	0.01302	1.12577E-07	1.6568E-05
610294.43	4205777.03	7907.19844	0.00014	0.09344	8.07882E-07	1.3970E-04
610301.43	4205777.03	8111.92124	0.00014	0.09260	8.00619E-07	1.4329E-04
610308.43	4205777.03	8320.67051	0.00015	0.09173	7.93097E-07	1.4695E-04
610315.43	4205777.03	8534.05721	0.00015	0.09085	7.85488E-07	1.5069E-04
610322.43	4205777.03	8751.26076	0.00015	0.08998	7.77967E-07	1.545DE-04
610329.43	4205777.03	8972.90557	0.00016	0.08905	7.69926E-07	1.5839E-04
610336.43	4205777.03	9216.56215	0.00016	0.08837	7.64047E-07	1.626EE-04
610343.43	4205777.03	9445.35229	0.00017	0.08745	7.56092E-07	1.666 7E-04
610350.43	4205777.03	9678.13638	0.00017	0.08651	7.47965E-07	1.707SE-04
610357.43	4205777.03	9913.8105	0.00017	0.08558	7.39924E-07	1.748IE-04
610364.43	4205777.03	10152.90601	0.00018	0.08463	7.31711E-07	1.790 7E-04
610371.43	4205777.03	10394.35978	0.00018	0.08365	7.23237E-07	1.8331E-04
610378.43	4205777.03	10638.44597	0.00019	0.08269	7.14937E-07	1.875 9E-04
610385.43	4205777.03	10884.2243	0.00019	0.08166	7.06032E-07	1.919 0E-04
610392.43	4205777.03	11131.71281	0.00020	0.08062	6.97040E-07	1.962 3E-04
610399.43	4205777.03	11379.8316	0.00020	0.07957	6.87962E-07	2.005BE-04
610406.43	4205777.03	11628.73182	0.00020	0.07852	6.78884E-07	2.049 5E-04
610413.43	4205777.03	11877.06751	0.00021	0.07745	6.69632E-07	2.093 6E-04
610420.43	4205777.03	12124.90013	0.00021	0.07639	6.60468E-07	2.136 4E-04
610427.43	4205777.03	12370.70039	0.00022	0.07531	6.51130E-07	2.179 5E-04
610434.43	4205777.03	12614.2089	0.00022	0.07423	6.41792E-07	2.222 2E-04
610441.43	4205777.03	12854.85078	0.00023	0.07315	6.32455E-07	2.264 4E-04
610448.43	4205777.03	13091.00951	0.00023	0.07207	6.23117E-07	2.305 8E-04
610455.43	4205777.03	13322.50502	0.00023	0.07099	6.13779E-07	2.346 3E-04
610462.43	4205777.03	13547.63379	0.00024	0.06990	6.04355E-07	2.385 8E-04
610469.43	4205777.03	13766.14876	0.00024	0.06881	5.94931E-07	2.424 1E-04
610476.43	4205777.03	13976.11216	0.00025	0.06772	5.85507E-07	2.460 9E-04
610483.43	4205777.03	14177.25376	0.00025	0.06664	5.76169E-07	2.496 1E-04
610490.43	4205777.03	14367.7662	0.00025	0.06555	5.66745E-07	2.529 5E-04
610504.43	4205777.03	14709.60611	0.00026	0.06333	5.47551E-07	2.589 3E-04

610511.43	4205777.03	14860.15909	0.00026	0.06222	5.37954E-07	2.6157E-04
610518.43	4205777.03	14996.27035	0.00026	0.06111	5.28357E-07	2.6395E-04
610525.43	4205777.03	15116.64901	0.00027	0.06001	5.18846E-07	2.6605E-04
610532.43	4205777.03	15219.59176	0.00027	0.05890	5.09249E-07	2.6785E-04
610539.43	4205777.03	15305.26931	0.00027	0.05781	4.99825E-07	2.6935E-04
610546.43	4205777.03	15372.19459	0.00027	0.05672	4.90401E-07	2.7051E-04
610553.43	4205777.03	15419.55482	0.00027	0.05563	4.80977E-07	2.7134E-04
610560.43	4205777.03	15446.21746	0.00027	0.05455	4.71639E-07	2.7180E-04
610567.43	4205777.03	15452.41717	0.00027	0.05348	4.62388E-07	2.7190E-04
610574.43	4205777.03	15437.09394	0.00027	0.05242	4.53223E-07	2.7162E-04
610581.43	4205777.03	15399.83808	0.00027	0.05136	4.44058E-07	2.7095E-04
610588.43	4205777.03	15339.75992	0.00027	0.05031	4.34980E-07	2.6989E-04
610595.43	4205777.03	15257.43625	0.00027	0.04927	4.25988E-07	2.6843E-04
610602.43	4205777.03	15152.39336	0.00027	0.04824	4.17083E-07	2.6658E-04
610609.43	4205777.03	15023.98617	0.00026	0.04722	4.08264E-07	2.6432E-04
610616.43	4205777.03	14873.35093	0.00026	0.04621	3.99531E-07	2.6166E-04
610623.43	4205777.03	14699.8955	0.00026	0.04521	3.90885E-07	2.5861E-04
610630.43	4205777.03	14501.46911	0.00025	0.04422	3.82326E-07	2.5515E-04
610637.43	4205777.03	14285.55307	0.00025	0.04325	3.73939E-07	2.5131E-04
610658.43	4205777.03	13512.16529	0.00024	0.04042	3.49471E-07	2.3770E-04
610665.43	4205777.03	13215.37281	0.00023	0.03950	3.41517E-07	2.3248E-04
610672.43	4205777.03	12900.20023	0.00023	0.03860	3.33735E-07	2.2694E-04
610679.43	4205777.03	12569.02468	0.00022	0.03772	3.26127E-07	2.2111E-04
610686.43	4205777.03	12222.22815	0.00021	0.03685	3.18695E-07	2.1501E-04
610693.43	4205777.03	11862.4533	0.00021	0.03599	3.11169E-07	2.0868E-04
610700.43	4205777.03	11490.26747	0.00020	0.03516	3.03993E-07	2.0214E-04
610707.43	4205777.03	11108.07331	0.00020	0.03434	2.96003E-07	1.9542E-04
610714.43	4205777.03	10716.47744	0.00019	0.03354	2.89987E-07	1.8853E-04
610721.43	4205777.03	10317.25843	0.00018	0.03275	2.83156E-07	1.8151E-04
610742.43	4205777.03	9099.42466	0.00016	0.03052	2.63876E-07	1.6010E-04
610749.43	4205777.03	8693.53329	0.00015	0.02982	2.57824E-07	1.5297E-04
610756.43	4205777.03	8291.73927	0.00015	0.02913	2.51858E-07	1.4590E-04
610763.43	4205777.03	7894.30052	0.00014	0.02847	2.46151E-07	1.3892E-04
610770.43	4205777.03	7503.70351	0.00013	0.02783	2.40618E-07	1.3205E-04
610777.43	4205777.03	7122.4524	0.00013	0.02721	2.35258E-07	1.2535E-04
610784.43	4205777.03	6748.33394	0.00012	0.02660	2.29983E-07	1.1877E-04
610791.43	4205777.03	6383.32824	0.00011	0.02602	2.24969E-07	1.1235E-04
610798.43	4205777.03	6030.53264	0.00011	0.02545	2.20041E-07	1.0615E-04
610805.43	4205777.03	5690.90474	0.00010	0.02491	2.15372E-07	1.0018E-04
610812.43	4205777.03	5365.2414	0.00009	0.02438	2.10789E-07	9.4455E-05
610819.43	4205777.03	5054.28006	0.00009	0.02388	2.06466E-07	8.8989E-05
610826.43	4205777.03	4758.37396	0.00008	0.02339	2.02230E-07	8.3787E-05
610833.43	4205777.03	4477.86299	0.00008	0.02292	1.98166E-07	7.8855E-05
610840.43	4205777.03	4212.95509	0.00007	0.02246	1.94189E-07	7.4198E-05
610847.43	4205777.03	3963.44977	0.00007	0.02203	1.90471E-07	6.9811E-05
610854.43	4205777.03	3728.28198	0.00007	0.02160	1.86753E-07	6.5677E-05
610861.43	4205777.03	3509.97324	0.00006	0.02120	1.83295E-07	6.1839E-05
610868.43	4205777.03	3305.32077	0.00006	0.02081	1.79923E-07	5.8240E-05
610875.43	4205777.03	3114.72503	0.00005	0.02043	1.76638E-07	5.4889E-05
610882.43	4205777.03	2937.60927	0.00005	0.02007	1.73525E-07	5.1775E-05
610889.43	4205777.03	2773.31137	0.00005	0.01972	1.70499E-07	4.8886E-05
610910.43	4205777.03	2350.57045	0.00004	0.01874	1.62026E-07	4.1452E-05
610917.43	4205777.03	2230.68625	0.00004	0.01844	1.59432E-07	3.9343E-05
610924.43	4205777.03	2120.09899	0.00004	0.01815	1.56925E-07	3.7398E-05
610931.43	4205777.03	2018.21	0.00004	0.01786	1.54417E-07	3.5606E-05
610938.43	4205777.03	1924.30712	0.00003	0.01759	1.52083E-07	3.3954E-05
610945.43	4205777.03	1837.74938	0.00003	0.01732	1.49749E-07	3.2431E-05
610952.43	4205777.03	1757.9802	0.00003	0.01706	1.47501E-07	3.1028E-05
610959.43	4205777.03	1684.36139	0.00003	0.01682	1.45426E-07	2.9732E-05
610966.43	4205777.03	1616.44896	0.00003	0.01657	1.43264E-07	2.8537E-05
610973.43	4205777.03	1553.73718	0.00003	0.01634	1.41276E-07	2.7434E-05
610980.43	4205777.03	1495.73699	0.00003	0.01611	1.39287E-07	2.6413E-05
610987.43	4205777.03	1442.05755	0.00003	0.01589	1.37385E-07	2.5468E-05
610994.43	4205777.03	1392.30852	0.00002	0.01568	1.35569E-07	2.4592E-05
611001.43	4205777.03	1346.11609	0.00002	0.01547	1.33754E-07	2.3779E-05
611008.43	4205777.03	1303.18724	0.00002	0.01526	1.31938E-07	2.3023E-05
611015.43	4205777.03	1263.20212	0.00002	0.01507	1.30295E-07	2.2319E-05
611043.43	4205777.03	1127.8013	0.00002	0.01432	1.23811E-07	1.9934E-05
611050.43	4205777.03	1099.05423	0.00002	0.01415	1.22341E-07	1.9438E-05
611057.43	4205777.03	1071.96699	0.00002	0.01398	1.20871E-07	1.8951E-05
611064.43	4205777.03	1046.41119	0.00002	0.01381	1.19401E-07	1.8500E-05
611071.43	4205777.03	1022.24986	0.00002	0.01364	1.17931E-07	1.8074E-05
611078.43	4205777.03	999.36233	0.00002	0.01348	1.16548E-07	1.7671E-05
611085.43	4205777.03	977.6445	0.00002	0.01333	1.15251E-07	1.7288E-05
611092.43	4205777.03	956.98618	0.00002	0.01317	1.13868E-07	1.6924E-05
610294.43	4205784.03	7989.07959	0.00014	0.09569	8.27335E-07	1.4116E-04
610301.43	4205784.03	8200.32179	0.00014	0.09483	8.19900E-07	1.4486E-04
610308.43	4205784.03	8416.71933	0.00015	0.09395	8.12291E-07	1.4866E-04
610315.43	4205784.03	8637.50653	0.00015	0.09305	8.04510E-07	1.5253E-04
610322.43	4205784.03	8863.31468	0.00016	0.09214	7.96642E-07	1.5649E-04
610329.43	4205784.03	9093.30505	0.00016	0.09143	7.90503E-07	1.6052E-04
610336.43	4205784.03	9347.14893	0.00016	0.09053	7.82722E-07	1.6497E-04
610343.43	4205784.03	9585.80705	0.00017	0.08959	7.74599E-07	1.6916E-04
610350.43	4205784.03	9828.851	0.00017	0.08864	7.66381E-07	1.7342E-04
610357.43	4205784.03	10075.49321	0.00018	0.08769	7.58167E-07	1.7774E-04
610364.43	4205784.03	10326.04186	0.00018	0.08671	7.49694E-07	1.8213E-04
610371.43	4205784.03	10579.56256	0.00019	0.08571	7.41048E-07	1.8658E-04
610378.43	4205784.03	10836.05508	0.00019	0.08468	7.32143E-07	1.9108E-04
610385.43	4205784.03	11095.42118	0.00019	0.08363	7.23065E-07	1.9562E-04
610392.43	4205784.03	11356.51071	0.00020	0.08256	7.13813E-07	2.0020E-04
610399.43	4205784.03	11619.62001	0.00020	0.08149	7.04562E-07	2.0481E-04
610406.43	4205784.03	11883.30035	0.00021	0.08040	6.95138E-07	2.0943E-04
610413.43	4205784.03	12147.78933	0.00021	0.07932	6.85800E-07	2.1407E-04
610420.43	4205784.03	12411.64138	0.00022	0.07822	6.76290E-07	2.1870E-04
610427.43	4205784.03	12674.86145	0.00022	0.07712	6.66779E-07	2.2331E-04
610434.43	4205784.03	12935.882	0.00023	0.07602	6.57269E-07	2.2789E-04
610441.43	4205784.03	13194.56607	0.00023	0.07491	6.47671E-07	2.3242E-04
610448.43	4205784.03	13449.22068	0.00024	0.07380	6.38074E-07	2.3688E-04
610455.43	4205784.03	13699.72564	0.00024	0.07268	6.28391E-07	2.4127E-04
610462.43	4205784.03	13944.0541	0.00024	0.07156	6.18707E-07	2.4556E-04
610469.43	4205784.03	14181.62654	0.00025	0.07045	6.09110E-07	2.4972E-04
610476.43	4205784.03	14411.69518	0.00025	0.06933	5.99427E-07	2.5375E-04
610483.43	4205784.03	14632.32088	0.00026	0.06821	5.89743E-07	2.5762E-04
610490.43	4205784.03	14842.94174	0.00026	0.06709	5.80060E-07	2.6131E-04
610504.43	4205784.03	15222.82554	0.00027	0.06479	5.60174E-07	2.6796E-04
610511.43	4205784.03	15392.17928	0.00027	0.06365	5.50318E-07	2.7093E-04
610518.43	4205784.03	15546.29283	0.00027	0.06251	5.40461E-07	2.7362E-04
610525.43	4205784.03	15683.80328	0.00028	0.06137	5.30605E-07	2.7603E-04
610532.43	4205784.03	15803.63935	0.00028	0.06023	5.20748E-07	2.7812E-04
610539.43	4205784.03	15904.76874	0.00028	0.05910	5.10978E-07	2.7989E-04
610546.43	4205784.03	15985.94516	0.00028	0.05798	5.01295E-07	2.8131E-04
610553.43	4205784.03	16046.36494	0.00028	0.05686	4.91611E-07	2.8236E-04
610560.43	4205784.03	16085.06629	0.00028	0.05574	4.81928E-07	2.8303E-04
610567.43	4205784.03	16101.78761	0.00028	0.05464	4.72417E-07	2.8331E-04
610574.43	4205784.03	16095.44565	0.00028	0.05354	4.62907E-07	2.8319E-04
610581.43	4205784.03	16065.88368	0.00028	0.05245	4.53482E-07	2.8266E-04
610588.43	4205784.03	16011.6101	0.00028	0.05137	4.44145E-07	2.8170E-04
610595.43	4205784.03	15932.57926	0.00028	0.05030	4.34894E-07	2.8030E-04
610602.43	4205784.03	15829.40581	0.00028	0.04925	4.25815E-07	2.7848E-04
610609.43	4205784.03	15700.77037	0.00028	0.04819	4.16651E-07	2.7621E-04
610616.43	4205784.03	15547.68097	0.00027	0.04716	4.07745E-07	2.7351E-04
610623.43	4205784.03	15369.26506	0.00027	0.04613	3.98840E-07	2.7037E-04
610630.43	4205784.03	15166.26183	0.00027	0.04511	3.90021E-07	2.6680E-04
610637.43	4205784.03	14939.55787	0.00026	0.04411	3.81375E-07	2.6281E-04
610658.43	4205784.03	14126.69263	0.00025	0.04120	3.56215E-07	2.4850E-04
610665.43	4205784.03	13812.53451	0.00024	0.04025	3.48001E-07	2.4298E-04
610672.43	4205784.03	13479.3851	0.00024	0.03932	3.39961E-07	2.3712E-04
610679.43	4205784.03	13127.66981	0.00023	0.03841	3.32093E-07	2.3093E-04
610686.43	4205784.03	12760.15925	0.00022	0.03752	3.24398E-07	2.2447E-04
610693.43	4205784.03	12377.38835	0.00022	0.03664	3.16789E-07	2.1773E-04
610700.43	4205784.03	11982.60018	0.00021	0.03578	3.09354E-07	2.1079E-04
610707.43	4205784.03	11576.44823	0.00020	0.03494	3.02091E-07	2.0365E-04
610714.43	4205784.03	11160.23861	0.00020	0.03412	2.95001E-07	1.9633E-04
610721.43	4205784.03	10736.07288	0.00019	0.03331	2.87998E-07	1.8887E-04
610728.43	4205784.03	10308.1973	0.00018	0.03253	2.81254E-07	1.8135E-04
610749.43	4205784.03	9016.85301	0.00016	0.03030	2.61974E-07	1.5865E-04
610756.43	4205784.03	8591.68014	0.00015	0.02960	2.55921E-07	1.5118E-04
610763.43	4205784.03	8170.65239	0.00014	0.02892	2.50042E-07	1.4377E-04
610770.43	4205784.03	7754.41288	0.00014	0.02826	2.44336E-07	1.3646E-04
611036.43	4205784.03	1182.26724	0.00002	0.01468	1.26923E-07	2.0894E-05
611043.43	4205784.03	1151.36387	0.00002	0.01450	1.25367E-07	2.0350E-05
611050.43	4205784.03	1122.28064	0.00002	0.01432	1.23811E-07	1.9837E-05
611057.43	4205784.03	1094.87855	0.00002	0.01415	1.22341E-07	1.9355E-05
611064.43	4205784.03	1069.03466	0.00002	0.01397	1.20785E-07	1.8899E-05
611071.43	4205784.03	1044.55317	0.00002	0.01381	1.19401E-07	1.8468E-05
611078.43	4205784.03	1021.36718	0.00002	0.01364	1.17931E-07	1.8059E-05
611085.43	4205784.03	999.34536	0.00002	0.01348	1.16548E-07	1.7671E-05
611092.43	4205784.03	978.4069	0.00002	0.01333	1.15251E-07	1.7302E-05
610294.43	4205791.03	8068.32195	0.00014	0.09803	8.47567E-07	1.4257E-04
610301.43	4205791.03	8286.42289	0.00015	0.09714	8.39872E-07	1.4640E-04
610308.43	4205791.03	8510.16945	0.00015	0.09624	8.32091E-07	1.5032E-04
610315.43	4205791.03	8738.79251	0.00015	0.09533	8.24223E-07	1.5433E-04
610322.43	4205791.03	8972.57518	0.00016	0.09462	8.18084E-07	1.5843E-04
610329.43	4205791.03	9231.58312	0.00016	0.09370	8.10130E-07	1.6297E-04
610336.43	4205791.03	9475.2512	0.00017	0.09275	8.01916E-07	1.6724E-04
610343.43	4205791.03	9724.21695	0.00017	0.09181	7.93789E-07	1.7161E-04
610350.43	4205791.03	9977.50077	0.00018	0.09083	7.85316E-07	1.7605E-04
610357.43	4205791.03	10235.63844	0.00018	0.08986	7.76929E-07	1.8057E-04
610364.43	4205791.03	10497.65426	0.00018	0.08885	7.68197E-07	1.8517E-04
610371.43	4205791.03	10763.98574	0.00019	0.08782	7.59291E-07	1.8984E-04
610378.43	4205791.03	11033.58041	0.00019	0.08675	7.50040E-07	1.9456E-04
610385.43	4205791.03	11306.7528	0.00020	0.08567	7.40702E-07	1.9935E-04
610392.43	4205791.03	11582.35712	0.00020	0.08457	7.31192E-07	2.0418E-04
610399.43	4205791.03	11860.53368	0.00021	0.08348	7.21768E-07	2.0906E-04
610406.43	4205791.03	12140.15767	0.00021	0.08237	7.12171E-07	2.1396E-04
610413.43	4205791.03	12420.79256	0.00022	0.08125	7.02487E-07	2.1888E-04
610420.43	4205791.03	12702.27019	0.00022	0.08013	6.92804E-07	2.2382E-04
610427.43	4205791.03	12983.02951	0.00023	0.07900	6.83034E-07	2.2874E-04
610434.43	4205791.03	13262.91464	0.00023	0.07787	6.73264E-07	2.3365E-04
610441.43	4205791.03	13540.4078	0.00024	0.07673	6.63407E-07	2.3851E-04
610448.43	4205791.03	13815.17348	0.00024	0.07559	6.53551E-07	2.4333E-04
610455.43	4205791.03	14085.39913	0.00025	0.07444	6.43608E-07	2.4806E-04
610462.43	4205791.03	14350.85776	0.00025	0.07330	6.33751E-07	2.5272E-04
610469.43	4205791.03	14609.48869	0.00026	0.07215	6.23809E-07	2.5725E-04
610476.43	4205791.03	14860.91638	0.00026	0.07100	6.13866E-07	2.6166E-04
610483.43	4205791.03	15102.92328	0.00027	0.06984	6.03836E-07	2.6590E-04
610490.43	4205791.03	15335.1647	0.00027	0.06868	5.93807E-07	2.6997E-04
610504.43	4205791.03	15756.64717	0.00028	0.06631	5.73316E-07	2.7735E-04
610511.43	4205791.03	15946.44054	0.00028	0.06513	5.63114E-07	2.8067E-04
610518.43	4205791.03	16120.86107	0.00028	0.06395	5.52911E-07	2.8373E-04
610525.43	4205791.03	16277.59856	0.00029	0.06278	5.42796E-07	2.8647E-04
610532.43	4205791.03	16415.8757	0.00029	0.06160	5.32593E-07	2.8889E-04
610539.43	4205791.03	16534.282	0.00029	0.06044	5.22564E-07	2.9096E-04
610546.43	4205791.03	16632.25858	0.00029	0.05928	5.12535E-07	2.9267E-04
610553.43	4205791.03	16707.54127	0.00029	0.05812	5.02505E-07	2.9398E-04
610560.43	4205791.03	16759.62074	0.00029	0.05697	4.92562E-07	2.9489E-04
610567.43	4205791.03	16788.7458	0.00029	0.05583	4.82706E-07	2.9539E-04
610574.43	4205791.03	16793.41577	0.00029	0.05471	4.73022E-07	2.9546E-04
610581.43	4205791.03	16772.43759	0.00029	0.05359	4.63339E-07	2.9508E-04
610588.43	4205791.03	16725.79163	0.00029	0.05248	4.53742E-07	2.9425E-04
610595.43	4205791.03	16651.84816	0.00029	0.05138	4.44231E-07	2.9295E-04
610602.43	4205791.03	16550.89883	0.00029	0.05028	4.34721E-07	2.9116E-04
610609.43	4205791.03	16422.66078	0.00029	0.04920	4.25383E-07	2.8890E-04
610616.43	4205791.03	16267.22722	0.00029	0.04813	4.16132E-07	2.8616E-04
610623.43	4205791.03	16084.54568	0.00028	0.04708	4.07053E-07	2.8294E-04
610630.43	4205791.03	15874.81622	0.00028	0.04603	3.97975E-07	2.7925E-04

610637.43	4205791.03	15638.63447	0.00027	0.04500	3.89070E-07	2.7509E-04
610644.43	4205791.03	15378.8891	0.00027	0.04398	3.80251E-07	2.7052E-04
610658.43	4205791.03	14784.52485	0.00026	0.04200	3.63132E-07	2.6093E-04
610665.43	4205791.03	14452.1943	0.00025	0.04102	3.54659E-07	2.5422E-04
610672.43	4205791.03	14099.13528	0.00025	0.04007	3.46445E-07	2.4801E-04
610679.43	4205791.03	13725.84413	0.00024	0.03913	3.38318E-07	2.4144E-04
610686.43	4205791.03	13335.338	0.00023	0.03821	3.30363E-07	2.3458E-04
610693.43	4205791.03	12928.32456	0.00023	0.03731	3.22582E-07	2.2742E-04
610700.43	4205791.03	12507.65767	0.00022	0.03642	3.14887E-07	2.2002E-04
610707.43	4205791.03	12076.17151	0.00021	0.03556	3.07452E-07	2.1243E-04
610714.43	4205791.03	11633.35192	0.00020	0.03471	3.00102E-07	2.0465E-04
610721.43	4205791.03	11182.88822	0.00020	0.03389	2.93013E-07	1.9673E-04
610728.43	4205791.03	10727.92361	0.00019	0.03308	2.86010E-07	1.8873E-04
610735.43	4205791.03	10270.81833	0.00018	0.03230	2.79266E-07	1.8069E-04
611029.43	4205791.03	1240.78712	0.00002	0.01505	1.30122E-07	2.1925E-05
611036.43	4205791.03	1207.52317	0.00002	0.01486	1.28479E-07	2.1340E-05
611043.43	4205791.03	1176.29308	0.00002	0.01468	1.26923E-07	2.0789E-05
611050.43	4205791.03	1146.87334	0.00002	0.01450	1.25367E-07	2.0271E-05
611057.43	4205791.03	1119.16401	0.00002	0.01432	1.23811E-07	1.9783E-05
611064.43	4205791.03	1092.95555	0.00002	0.01415	1.22341E-07	1.9321E-05
611071.43	4205791.03	1068.17603	0.00002	0.01398	1.20871E-07	1.8884E-05
611078.43	4205791.03	1044.66115	0.00002	0.01381	1.19401E-07	1.8470E-05
611085.43	4205791.03	1022.30267	0.00002	0.01365	1.18018E-07	1.8076E-05
611092.43	4205791.03	1001.02664	0.00002	0.01349	1.16634E-07	1.7700E-05
610294.43	4205798.03	8144.32561	0.00014	0.10042	8.68231E-07	1.4393E-04
610301.43	4205798.03	8369.73476	0.00015	0.09952	8.60449E-07	1.4788E-04
610308.43	4205798.03	8600.43136	0.00015	0.09862	8.52668E-07	1.5193E-04
610315.43	4205798.03	8837.28275	0.00016	0.09790	8.46443E-07	1.5608E-04
610322.43	4205798.03	9099.91956	0.00016	0.09699	8.38575E-07	1.6069E-04
610329.43	4205798.03	9347.91458	0.00016	0.09604	8.30361E-07	1.6503E-04
610336.43	4205798.03	9601.23583	0.00017	0.09507	8.21975E-07	1.6947E-04
610343.43	4205798.03	9860.28439	0.00017	0.09411	8.13675E-07	1.7402E-04
610350.43	4205798.03	10124.35711	0.00018	0.09311	8.05029E-07	1.7865E-04
610357.43	4205798.03	10393.54386	0.00018	0.09209	7.96210E-07	1.8337E-04
610364.43	4205798.03	10667.99947	0.00019	0.09107	7.87391E-07	1.8818E-04
610371.43	4205798.03	10946.80167	0.00019	0.08998	7.77967E-07	1.9307E-04
610378.43	4205798.03	11230.20263	0.00020	0.08889	7.68543E-07	1.9804E-04
610385.43	4205798.03	11517.3112	0.00020	0.08778	7.58945E-07	2.0307E-04
610392.43	4205798.03	11808.19522	0.00021	0.08666	7.49262E-07	2.0817E-04
610399.43	4205798.03	12101.88822	0.00021	0.08554	7.39578E-07	2.1332E-04
610406.43	4205798.03	12398.35341	0.00022	0.08440	7.29722E-07	2.1852E-04
610413.43	4205798.03	12696.36799	0.00022	0.08326	7.19866E-07	2.2374E-04
610420.43	4205798.03	12995.9282	0.00023	0.08211	7.09923E-07	2.2899E-04
610427.43	4205798.03	13295.44494	0.00023	0.08095	6.99893E-07	2.3424E-04
610434.43	4205798.03	13595.06835	0.00024	0.07979	6.89864E-07	2.3950E-04
610441.43	4205798.03	13892.71585	0.00024	0.07862	6.79748E-07	2.4472E-04
610448.43	4205798.03	14188.07721	0.00025	0.07744	6.69546E-07	2.4989E-04
610455.43	4205798.03	14480.37128	0.00025	0.07627	6.59430E-07	2.5502E-04
610462.43	4205798.03	14767.44768	0.00026	0.07509	6.49228E-07	2.6005E-04
610469.43	4205798.03	15049.14161	0.00026	0.07391	6.39025E-07	2.6499E-04
610476.43	4205798.03	15323.15386	0.00027	0.07272	6.28737E-07	2.6979E-04
610483.43	4205798.03	15588.9127	0.00027	0.07153	6.18448E-07	2.7445E-04
610490.43	4205798.03	15844.1699	0.00028	0.07033	6.08073E-07	2.7892E-04
610504.43	4205798.03	16311.75455	0.00029	0.06789	5.86977E-07	2.8711E-04
610511.43	4205798.03	16524.48017	0.00029	0.06667	5.76428E-07	2.9084E-04
610518.43	4205798.03	16720.46446	0.00029	0.06545	5.65880E-07	2.9427E-04
610525.43	4205798.03	16899.18879	0.00030	0.06424	5.55419E-07	2.9740E-04
610532.43	4205798.03	17057.98998	0.00030	0.06303	5.44957E-07	3.0018E-04
610539.43	4205798.03	17196.61899	0.00030	0.06183	5.34582E-07	3.0261E-04
610546.43	4205798.03	17312.96955	0.00030	0.06063	5.24207E-07	3.0464E-04
610553.43	4205798.03	17405.24324	0.00031	0.05943	5.13831E-07	3.0625E-04
610560.43	4205798.03	17473.40394	0.00031	0.05825	5.03629E-07	3.0744E-04
610567.43	4205798.03	17516.14079	0.00031	0.05707	4.93427E-07	3.0818E-04
610574.43	4205798.03	17533.84408	0.00031	0.05591	4.83398E-07	3.0848E-04
610581.43	4205798.03	17523.80072	0.00031	0.05476	4.73455E-07	3.0829E-04
610588.43	4205798.03	17485.31056	0.00031	0.05362	4.63598E-07	3.0761E-04
610595.43	4205798.03	17417.73426	0.00031	0.05248	4.53742E-07	3.0641E-04
610602.43	4205798.03	17320.60235	0.00030	0.05136	4.44058E-07	3.0469E-04
610609.43	4205798.03	17193.78708	0.00030	0.05025	4.34461E-07	3.0248E-04
610616.43	4205798.03	17037.07815	0.00030	0.04915	4.24951E-07	2.9969E-04
610623.43	4205798.03	16849.86497	0.00030	0.04806	4.15527E-07	2.9640E-04
610630.43	4205798.03	16633.63727	0.00029	0.04698	4.06189E-07	2.9259E-04
610637.43	4205798.03	16388.19029	0.00029	0.04592	3.97024E-07	2.8827E-04
610644.43	4205798.03	16115.5262	0.00028	0.04487	3.87946E-07	2.8347E-04
610665.43	4205798.03	15138.02068	0.00027	0.04182	3.61576E-07	2.6627E-04
610672.43	4205798.03	14762.91209	0.00026	0.04083	3.53016E-07	2.5967E-04
610679.43	4205798.03	14366.87209	0.00025	0.03987	3.44716E-07	2.5271E-04
610686.43	4205798.03	13950.80235	0.00025	0.03892	3.36502E-07	2.4539E-04
610693.43	4205798.03	13518.1899	0.00024	0.03799	3.28461E-07	2.3779E-04
610700.43	4205798.03	13069.99601	0.00023	0.03708	3.20559E-07	2.2990E-04
610707.43	4205798.03	12610.32621	0.00022	0.03620	3.12985E-07	2.2182E-04
610714.43	4205798.03	12138.51291	0.00021	0.03533	3.05463E-07	2.1353E-04
610721.43	4205798.03	11659.5369	0.00020	0.03448	2.98114E-07	2.0511E-04
610728.43	4205798.03	11176.12482	0.00020	0.03365	2.90938E-07	1.9661E-04
610735.43	4205798.03	10688.02543	0.00019	0.03285	2.84021E-07	1.8803E-04
610794.43	4205798.03	7385.92083	0.00013	0.02785	2.40791E-07	1.2998E-04
610791.43	4205798.03	6959.91981	0.00012	0.02722	2.35344E-07	1.2249E-04
610798.43	4205798.03	6550.39785	0.00012	0.02662	2.30156E-07	1.1529E-04
610805.43	4205798.03	6158.34018	0.00011	0.02604	2.25142E-07	1.0840E-04
610812.43	4205798.03	5784.72152	0.00010	0.02548	2.20300E-07	1.0183E-04
610819.43	4205798.03	5430.13532	0.00010	0.02494	2.15631E-07	9.5600E-05
610826.43	4205798.03	5094.91868	0.00009	0.02442	2.11139E-07	8.9707E-05
610833.43	4205798.03	4779.16496	0.00008	0.02392	2.06812E-07	8.4156E-05
610840.43	4205798.03	4482.88746	0.00008	0.02344	2.02662E-07	7.8948E-05
610847.43	4205798.03	4205.74134	0.00007	0.02298	1.98685E-07	7.4076E-05
610854.43	4205798.03	3947.31429	0.00007	0.02253	1.94794E-07	6.9532E-05
610861.43	4205798.03	3707.01378	0.00007	0.02210	1.91076E-07	6.5307E-05
610868.43	4205798.03	3484.1276	0.00006	0.02169	1.87532E-07	6.1389E-05
610875.43	4205798.03	3277.92257	0.00006	0.02129	1.84073E-07	5.7763E-05
610882.43	4205798.03	3087.46882	0.00005	0.02091	1.80788E-07	5.4414E-05
610889.43	4205798.03	2911.85841	0.00005	0.02054	1.77588E-07	5.1327E-05
610910.43	4205798.03	2464.85149	0.00004	0.01951	1.68683E-07	4.3466E-05
610917.43	4205798.03	2339.32451	0.00004	0.01919	1.65917E-07	4.1258E-05
610924.43	4205798.03	2224.08538	0.00004	0.01888	1.63236E-07	3.9231E-05
610931.43	4205798.03	2118.24903	0.00004	0.01858	1.60643E-07	3.7369E-05
610938.43	4205798.03	2021.01737	0.00004	0.01829	1.58135E-07	3.5659E-05
610945.43	4205798.03	1931.70826	0.00003	0.01802	1.55801E-07	3.4088E-05
610952.43	4205798.03	1849.51626	0.00003	0.01775	1.53466E-07	3.2642E-05
610959.43	4205798.03	1773.89374	0.00003	0.01748	1.51132E-07	3.1311E-05
610966.43	4205798.03	1704.19475	0.00003	0.01723	1.48970E-07	3.0084E-05
610973.43	4205798.03	1639.8655	0.00003	0.01698	1.46809E-07	2.8952E-05
610980.43	4205798.03	1580.4602	0.00003	0.01674	1.44734E-07	2.7907E-05
610987.43	4205798.03	1525.45088	0.00003	0.01651	1.42745E-07	2.6938E-05
610994.43	4205798.03	1474.5015	0.00003	0.01629	1.40843E-07	2.6042E-05
611001.43	4205798.03	1427.18492	0.00003	0.01607	1.38941E-07	2.5208E-05
611008.43	4205798.03	1383.16901	0.00002	0.01585	1.37039E-07	2.4433E-05
611015.43	4205798.03	1342.11716	0.00002	0.01564	1.35223E-07	2.3710E-05
611022.43	4205798.03	1303.81632	0.00002	0.01544	1.33494E-07	2.3036E-05
611029.43	4205798.03	1267.966	0.00002	0.01524	1.31765E-07	2.2405E-05
611036.43	4205798.03	1234.33161	0.00002	0.01505	1.30122E-07	2.1812E-05
611043.43	4205798.03	1202.72934	0.00002	0.01486	1.28479E-07	2.1255E-05
611050.43	4205798.03	1172.99256	0.00002	0.01468	1.26923E-07	2.0731E-05
611057.43	4205798.03	1144.90795	0.00002	0.01450	1.25367E-07	2.0237E-05
611064.43	4205798.03	1118.35769	0.00002	0.01432	1.23811E-07	1.9769E-05
611071.43	4205798.03	1093.20656	0.00002	0.01415	1.22341E-07	1.9325E-05
611078.43	4205798.03	1069.33462	0.00002	0.01398	1.20871E-07	1.8905E-05
611085.43	4205798.03	1046.66128	0.00002	0.01381	1.19401E-07	1.8505E-05
611092.43	4205798.03	1025.0513	0.00002	0.01365	1.18018E-07	1.8124E-05
610294.43	4205805.03	8217.56018	0.00014	0.10091	8.89759E-07	1.4524E-04
610301.43	4205805.03	8449.44538	0.00015	0.10001	8.81978E-07	1.4930E-04
610308.43	4205805.03	8688.00274	0.00015	0.10130	8.75839E-07	1.5349E-04
610315.43	4205805.03	8953.47719	0.00016	0.10037	8.67799E-07	1.5814E-04
610322.43	4205805.03	9204.29096	0.00016	0.09944	8.59758E-07	1.6254E-04
610329.43	4205805.03	9460.98946	0.00017	0.09847	8.51371E-07	1.6704E-04
610336.43	4205805.03	9724.23383	0.00017	0.09748	8.42812E-07	1.7166E-04
610343.43	4205805.03	9993.26999	0.00018	0.09649	8.34252E-07	1.7637E-04
610350.43	4205805.03	10268.64822	0.00018	0.09547	8.25438E-07	1.8120E-04
610357.43	4205805.03	10549.4495	0.00019	0.09443	8.16441E-07	1.8613E-04
610364.43	4205805.03	10836.35242	0.00019	0.09334	8.07017E-07	1.9116E-04
610371.43	4205805.03	11128.12953	0.00020	0.09223	7.97420E-07	1.9627E-04
610378.43	4205805.03	11425.59614	0.00020	0.09111	7.87737E-07	2.0149E-04
610385.43	4205805.03	11727.21596	0.00021	0.08998	7.77967E-07	2.0678E-04
610392.43	4205805.03	12033.36045	0.00021	0.08883	7.68024E-07	2.1214E-04
610399.43	4205805.03	12343.67912	0.00022	0.08768	7.58081E-07	2.1758E-04
610406.43	4205805.03	12657.03603	0.00022	0.08651	7.47965E-07	2.2308E-04
610413.43	4205805.03	12973.49437	0.00023	0.08534	7.37849E-07	2.2863E-04
610420.43	4205805.03	13291.588	0.00023	0.08416	7.27647E-07	2.3420E-04
610427.43	4205805.03	13611.39347	0.00024	0.08297	7.17358E-07	2.3981E-04
610434.43	4205805.03	13931.12192	0.00024	0.08178	7.07069E-07	2.4542E-04
610441.43	4205805.03	14250.78094	0.00025	0.08058	6.96694E-07	2.5102E-04
610448.43	4205805.03	14568.31717	0.00026	0.07937	6.86233E-07	2.5659E-04
610455.43	4205805.03	14883.59407	0.00026	0.07817	6.75857E-07	2.6211E-04
610462.43	4205805.03	15194.42712	0.00027	0.07696	6.65396E-07	2.6757E-04
610469.43	4205805.03	15500.44675	0.00027	0.07574	6.54848E-07	2.7293E-04
610476.43	4205805.03	15799.10468	0.00028	0.07451	6.44213E-07	2.7817E-04
610483.43	4205805.03	16090.24612	0.00028	0.07328	6.33579E-07	2.8327E-04
610490.43	4205805.03	16370.92159	0.00029	0.07205	6.22944E-07	2.8819E-04
610504.43	4205805.03	16889.05247	0.00030	0.06953	6.01156E-07	2.9727E-04
610511.43	4205805.03	17126.08478	0.00030	0.06827	5.90262E-07	3.0142E-04
610518.43	4205805.03	17347.04965	0.00030	0.06701	5.79368E-07	3.0529E-04
610525.43	4205805.03	17549.5892	0.00031	0.06576	5.68565E-07	3.0884E-04
610532.43	4205805.03	17732.06208	0.00031	0.06451	5.57753E-07	3.1203E-04
610539.43	4205805.03	17892.75794	0.00031	0.06327	5.47032E-07	3.1485E-04
610546.43	4205805.03	18029.46656	0.00032	0.06202	5.36225E-07	3.1724E-04
610553.43	4205805.03	18141.85643	0.00032	0.06079	5.25590E-07	3.1926E-04
610560.43	4205805.03	18227.70469	0.00032	0.05957	5.15042E-07	3.2078E-04
610567.43	4205805.03	18287.68703	0.00032	0.05836	5.04580E-07	3.2174E-04
610574.43	4205805.03	18320.52614	0.00032	0.05717	4.94292E-07	3.2231E-04
610581.43	4205805.03	18322.77975	0.00032	0.05598	4.84003E-07	3.2234E-04
610588.43	4205805.03	18294.88798	0.00032	0.05480	4.73801E-07	3.2184E-04
610595.43	4205805.03	18234.59678	0.00032	0.05363	4.63685E-07	3.2077E-04
610602.43	4205805.03	18142.79215	0.00032	0.05248	4.53742E-07	3.1915E-04
610609.43	4205805.03	18018.36981	0.00032	0.05133	4.43799E-07	3.1695E-04
610616.43	4205805.03	17860.56784	0.00031	0.05020	4.34029E-07	3.1417E-04
610623.43	4205805.03	17670.52728	0.00031	0.04907	4.24259E-07	3.1082E-04
610630.43	4205805.03	17447.26828	0.00031	0.04796	4.14662E-07	3.0689E-04
610637.43	4205805.03	17192.42803	0.00030	0.04687	4.05238E-07	3.0240E-04
610644.43	4205805.03	16906.94813	0.00030	0.04579	3.95900E-07	2.9738E-04
610665.43	4205805.03	15874.61752	0.00028	0.04264	3.68655E-07	2.7922E-04
610672.43	4205805.03	15476.28535	0.00027	0.04163	3.59933E-07	2.7221E-04
610679.43	4205805.03	15054.25353	0.00026	0.04063	3.51287E-07	2.6479E-04
610686.43	4205805.03	14611.81049	0.00026	0.03966	3.42900E-07	2.5701E-04
610693.43	4205805.03	14149.88141	0.00025	0.03870	3.34600E-07	2.4889E-04
610700.43	4205805.03	13672.59975	0.00024	0.03777	3.26559E-07	2.4050E-04
610707.43	4205805.03	13181.34832	0.00023	0.03685	3.18605E-07	2.3186E-04
610714.43	4205805.03	12679.78958	0.00022	0.03596	3.10910E-07	2.2304E-04
610721.43	4205805.03	12169.0069	0.00021	0.03509	3.03388E-07	2.1406E-04
610728.43	4205805.03	11648.71824	0.00020	0.03424	2.96039E-07	2.0491E-04
610735.43	4205805.03	11124.32965	0.00020	0.03341	2.88863E-07	1.9570E-04
610763.43	4205805.03	9060.65363	0.00016	0.03034	2.62319E-07	1.5942E-04
610770.43	4205805.03	8566.28791	0.00015	0.02963	2.56181E-07	1.5073E-04
610777.43	4205805.03	8084.96007	0.00014	0.02895	2.50302E-07	1.4227E-04
610784.43	4205805.03	7618.83081	0.00013	0.02828	2.44609E-07	1.3407E-04
610791.43	4205805.03	7169.62403	0.00013	0.02764	2.38975E-07	1.2618E-04
610798.43	4205805.03	6738.62187	0.00012	0.02703	2.33701E-07	1.1860E-04
610805.43	4205805.03	6326.91527	0.00011	0.02643	2.28514E-07	1.1137E-04

610812.43	4205805.03	5935.40155	0.00010	0.02586	2.23585E-07	1.0448E-04
610819.43	4205805.03	5564.71172	0.00010	0.02531	2.18830E-07	9.7967E-05
610826.43	4205805.03	5215.04416	0.00009	0.02478	2.14248E-07	9.1826E-05
610833.43	4205805.03	4886.4068	0.00009	0.02427	2.09838E-07	8.6043E-05
610840.43	4205805.03	4578.83238	0.00008	0.02378	2.05602E-07	8.0636E-05
610847.43	4205805.03	4291.78712	0.00008	0.02331	2.01538E-07	7.5590E-05
610854.43	4205805.03	4024.72887	0.00007	0.02286	1.97647E-07	7.0895E-05
610861.43	4205805.03	3777.04397	0.00007	0.02242	1.93843E-07	6.6540E-05
610868.43	4205805.03	3547.82607	0.00006	0.02200	1.90212E-07	6.2510E-05
610875.43	4205805.03	3336.24246	0.00006	0.02159	1.86667E-07	5.8790E-05
610882.43	4205805.03	3141.25185	0.00006	0.02120	1.83295E-07	5.5362E-05
610889.43	4205805.03	2961.81092	0.00005	0.02083	1.80096E-07	5.2206E-05
610910.43	4205805.03	2506.67024	0.00004	0.01978	1.71018E-07	4.4203E-05
610917.43	4205805.03	2379.2897	0.00004	0.01945	1.68165E-07	4.1962E-05
610924.43	4205805.03	2262.49648	0.00004	0.01914	1.65484E-07	3.9908E-05
610931.43	4205805.03	2155.32963	0.00004	0.01884	1.62891E-07	3.8023E-05
610938.43	4205805.03	2057.01395	0.00004	0.01854	1.60297E-07	3.6293E-05
610945.43	4205805.03	1966.705	0.00003	0.01826	1.57876E-07	3.4704E-05
610952.43	4205805.03	1883.73389	0.00003	0.01798	1.55455E-07	3.3245E-05
610959.43	4205805.03	1807.38108	0.00003	0.01772	1.53207E-07	3.1901E-05
610966.43	4205805.03	1737.09668	0.00003	0.01746	1.50959E-07	3.0664E-05
610973.43	4205805.03	1672.22064	0.00003	0.01721	1.48798E-07	2.9523E-05
610980.43	4205805.03	1612.29028	0.00003	0.01697	1.46723E-07	2.8468E-05
610987.43	4205805.03	1556.86219	0.00003	0.01673	1.44647E-07	2.7492E-05
610994.43	4205805.03	1505.42352	0.00003	0.01650	1.42659E-07	2.6587E-05
611001.43	4205805.03	1457.69495	0.00003	0.01628	1.40757E-07	2.574E-05
611008.43	4205805.03	1413.25414	0.00002	0.01606	1.38855E-07	2.4954E-05
611015.43	4205805.03	1371.82434	0.00002	0.01585	1.37039E-07	2.4234E-05
611022.43	4205805.03	1333.09745	0.00002	0.01564	1.35223E-07	2.3552E-05
611029.43	4205805.03	1296.84336	0.00002	0.01544	1.33494E-07	2.2913E-05
611036.43	4205805.03	1262.83435	0.00002	0.01524	1.31765E-07	2.2314E-05
611043.43	4205805.03	1230.8425	0.00002	0.01505	1.30122E-07	2.1751E-05
611050.43	4205805.03	1200.70573	0.00002	0.01486	1.28479E-07	2.1220E-05
611057.43	4205805.03	1172.24655	0.00002	0.01468	1.26923E-07	2.0718E-05
611064.43	4205805.03	1145.34742	0.00002	0.01450	1.25367E-07	2.0244E-05
611071.43	4205805.03	1119.83584	0.00002	0.01432	1.23811E-07	1.9795E-05
611078.43	4205805.03	1095.60647	0.00002	0.01415	1.22341E-07	1.9367E-05
611085.43	4205805.03	1072.54391	0.00002	0.01398	1.20871E-07	1.8961E-05
611092.43	4205805.03	1050.58891	0.00002	0.01382	1.19488E-07	1.8574E-05
610294.43	4205812.03	8287.46713	0.00015	0.10552	9.12325E-07	1.4649E-04
610301.43	4205812.03	8526.26019	0.00015	0.10456	9.04025E-07	1.5067E-04
610308.43	4205812.03	8793.77704	0.00015	0.10388	8.98144E-07	1.5537E-04
610315.43	4205812.03	9045.97158	0.00016	0.10293	8.89932E-07	1.5979E-04
610322.43	4205812.03	9305.26074	0.00016	0.10198	8.81719E-07	1.6434E-04
610329.43	4205812.03	9571.08356	0.00017	0.10098	8.73073E-07	1.6900E-04
610336.43	4205812.03	9843.69424	0.00017	0.09997	8.64340E-07	1.737BE-04
610343.43	4205812.03	10123.46952	0.00018	0.09897	8.55694E-07	1.786BE-04
610350.43	4205812.03	10409.54232	0.00018	0.09792	8.46616E-07	1.837BE-04
610357.43	4205812.03	10702.64343	0.00019	0.09681	8.37019E-07	1.8884E-04
610364.43	4205812.03	11001.65837	0.00019	0.09569	8.27335E-07	1.940BE-04
610371.43	4205812.03	11307.37635	0.00020	0.09456	8.17565E-07	1.9944E-04
610378.43	4205812.03	11618.51849	0.00020	0.09341	8.07622E-07	2.0490E-04
610385.43	4205812.03	11935.798	0.00021	0.09225	7.97593E-07	2.104BE-04
610392.43	4205812.03	12257.84589	0.00022	0.09108	7.87477E-07	2.1611E-04
610399.43	4205812.03	12585.21243	0.00022	0.08990	7.77275E-07	2.218SE-04
610406.43	4205812.03	12916.30149	0.00023	0.08871	7.66986E-07	2.2765E-04
610413.43	4205812.03	13251.66156	0.00023	0.08751	7.56611E-07	2.335BE-04
610420.43	4205812.03	13589.53479	0.00024	0.08629	7.46063E-07	2.3946E-04
610427.43	4205812.03	13930.11617	0.00024	0.08508	7.35601E-07	2.4543E-04
610434.43	4205812.03	14271.53801	0.00025	0.08385	7.24967E-07	2.5141E-04
610441.43	4205812.03	14613.3387	0.00026	0.08261	7.14246E-07	2.5741E-04
610448.43	4205812.03	14955.01455	0.00026	0.08138	7.03611E-07	2.634DE-04
610455.43	4205812.03	15294.31339	0.00027	0.08014	6.92890E-07	2.6935E-04
610462.43	4205812.03	15630.88635	0.00027	0.07890	6.82169E-07	2.7525E-04
610469.43	4205812.03	15962.3973	0.00028	0.07763	6.71189E-07	2.810DE-04
610476.43	4205812.03	16288.40963	0.00029	0.07637	6.60295E-07	2.867BE-04
610483.43	4205812.03	16606.14722	0.00029	0.07510	6.49314E-07	2.9235E-04
610490.43	4205812.03	16915.15037	0.00030	0.07383	6.38334E-07	2.977TE-04
610504.43	4205812.03	17487.90495	0.00031	0.07123	6.15854E-07	3.078BE-04
610511.43	4205812.03	17752.90594	0.00031	0.06993	6.04614E-07	3.1245E-04
610518.43	4205812.03	18000.86922	0.00032	0.06863	5.93375E-07	3.167BE-04
610525.43	4205812.03	18230.02327	0.00032	0.06733	5.82135E-07	3.2081E-04
610532.43	4205812.03	18438.39165	0.00032	0.06604	5.70982E-07	3.2445E-04
610539.43	4205812.03	18623.97467	0.00033	0.06476	5.59915E-07	3.277DE-04
610546.43	4205812.03	18784.94632	0.00033	0.06348	5.48848E-07	3.305ZE-04
610553.43	4205812.03	18919.49012	0.00033	0.06220	5.37781E-07	3.3287E-04
610560.43	4205812.03	19025.84515	0.00033	0.06094	5.26887E-07	3.3473E-04
610567.43	4205812.03	19105.08473	0.00034	0.05969	5.16079E-07	3.361IE-04
610574.43	4205812.03	19155.61561	0.00034	0.05846	5.05445E-07	3.3699E-04
610581.43	4205812.03	19173.20604	0.00034	0.05724	4.94897E-07	3.372BE-04
610588.43	4205812.03	19157.28545	0.00034	0.05603	4.8443SE-07	3.370DE-04
610595.43	4205812.03	19107.54755	0.00034	0.05482	4.73973E-07	3.3611E-04
610602.43	4205812.03	19021.98587	0.00033	0.05363	4.63685E-07	3.3460E-04
610609.43	4205812.03	18900.64984	0.00033	0.05245	4.53482E-07	3.324GE-04
610616.43	4205812.03	18744.00898	0.00033	0.05128	4.43367E-07	3.2970E-04
610623.43	4205812.03	18550.49728	0.00033	0.05012	4.33337E-07	3.262IE-04
610630.43	4205812.03	18321.01367	0.00032	0.04898	4.23481E-07	3.225SE-04
610637.43	4205812.03	18056.12725	0.00032	0.04785	4.13711E-07	3.175BE-04
610644.43	4205812.03	17757.92837	0.00031	0.04673	4.04037E-07	3.123HE-04
610651.43	4205812.03	17425.45419	0.00031	0.04563	3.94517E-07	3.0649E-04
610672.43	4205812.03	16243.60279	0.00029	0.04245	3.67022E-07	2.857OE-04
610679.43	4205812.03	15794.22774	0.00028	0.04142	3.58117E-07	2.778OE-04
610686.43	4205812.03	15322.39857	0.00027	0.04042	3.49471E-07	2.695SE-04
610693.43	4205812.03	14829.2584	0.00026	0.03943	3.40912E-07	2.6083E-04
610700.43	4205812.03	14319.56382	0.00025	0.03847	3.32611E-07	2.5187E-04
610707.43	4205812.03	13794.71212	0.00024	0.03753	3.24484E-07	2.426HE-04
610714.43	4205812.03	13258.9268	0.00023	0.03661	3.16530E-07	2.3322E-04
610721.43	4205812.03	12707.20898	0.00022	0.03571	3.08748E-07	2.235ZE-04
610728.43	4205812.03	12149.20031	0.00021	0.03484	3.01226E-07	2.1371E-04
610756.43	4205812.03	9928.42438	0.00017	0.03159	2.73127E-07	1.746TE-04
610763.43	4205812.03	9390.96934	0.00016	0.03084	2.66642E-07	1.6523E-04
610770.43	4205812.03	8866.01037	0.00016	0.03011	2.60331E-07	1.560DE-04
610777.43	4205812.03	8356.001	0.00015	0.02941	2.54279E-07	1.4703E-04
610784.43	4205812.03	7861.10284	0.00014	0.02873	2.48399E-07	1.383TE-04
610791.43	4205812.03	7389.02612	0.00013	0.02808	2.42780E-07	1.300HE-04
610798.43	4205812.03	6935.14125	0.00012	0.02745	2.37333E-07	1.220GE-04
610805.43	4205812.03	6502.52049	0.00011	0.02684	2.32059E-07	1.144SE-04
610812.43	4205812.03	6092.10131	0.00011	0.02626	2.27044E-07	1.072HE-04
610819.43	4205812.03	5704.34041	0.00010	0.02569	2.22116E-07	1.004ZE-04
610826.43	4205812.03	5339.42256	0.00009	0.02515	2.17447E-07	9.400BE-05
610833.43	4205812.03	4997.41849	0.00009	0.02463	2.12951E-07	8.799GE-05
610840.43	4205812.03	4678.06894	0.00008	0.02413	2.08628E-07	8.238ZE-05
610847.43	4205812.03	4380.77652	0.00008	0.02365	2.04478E-07	7.715GE-05
610854.43	4205812.03	4104.90087	0.00007	0.02319	2.00501E-07	7.230GE-05
610861.43	4205812.03	3849.60827	0.00007	0.02274	1.96610E-07	6.781BE-05
610868.43	4205812.03	3613.93857	0.00006	0.02231	1.92892E-07	6.367HE-05
610875.43	4205812.03	3396.85112	0.00006	0.02190	1.89347E-07	5.985BE-05
610882.43	4205812.03	3197.25987	0.00006	0.02150	1.85889E-07	5.634BE-05
610889.43	4205812.03	3013.9884	0.00005	0.02112	1.82603E-07	5.312GE-05
610910.43	4205812.03	2550.65543	0.00004	0.02005	1.73352E-07	4.497TE-05
610917.43	4205812.03	2421.46789	0.00004	0.01972	1.70499E-07	4.270SE-05
610924.43	4205812.03	2303.05943	0.00004	0.01940	1.67732E-07	4.062IE-05
610931.43	4205812.03	2194.62377	0.00004	0.01910	1.65139E-07	3.871SE-05
610938.43	4205812.03	2095.20403	0.00004	0.01880	1.62545E-07	3.696GE-05
610945.43	4205812.03	2003.96621	0.00004	0.01851	1.60037E-07	3.536IE-05
610952.43	4205812.03	1920.1709	0.00003	0.01823	1.57616E-07	3.388TE-05
610959.43	4205812.03	1843.08753	0.00003	0.01796	1.55282E-07	3.253OE-05
610966.43	4205812.03	1772.12789	0.00003	0.01770	1.53034E-07	3.123EE-05
610973.43	4205812.03	1706.7021	0.00003	0.01744	1.50786E-07	3.013OE-05
610980.43	4205812.03	1646.24358	0.00003	0.01719	1.48625E-07	2.906GE-05
610987.43	4205812.03	1590.28353	0.00003	0.01695	1.46550E-07	2.808IE-05
610994.43	4205812.03	1538.41058	0.00003	0.01672	1.44561E-07	2.716BE-05
611001.43	4205812.03	1490.18896	0.00003	0.01649	1.42572E-07	2.6319E-05
611008.43	4205812.03	1445.31619	0.00003	0.01627	1.40670E-07	2.552RE-05
611015.43	4205812.03	1403.44765	0.00002	0.01605	1.38768E-07	2.4791E-05
611022.43	4205812.03	1364.32053	0.00002	0.01584	1.36953E-07	2.410ZE-05
611029.43	4205812.03	1327.62359	0.00002	0.01564	1.35223E-07	2.345GE-05
611036.43	4205812.03	1293.17262	0.00002	0.01544	1.33494E-07	2.284IE-05
611043.43	4205812.03	1260.78056	0.00002	0.01524	1.31765E-07	2.227BE-05
611050.43	4205812.03	1230.2421	0.00002	0.01505	1.30122E-07	2.174OE-05
611057.43	4205812.03	1201.39248	0.00002	0.01486	1.28479E-07	2.123ZE-05
611064.43	4205812.03	1174.07697	0.00002	0.01468	1.26923E-07	2.075OE-05
611071.43	4205812.03	1148.16682	0.00002	0.01450	1.25367E-07	2.029IE-05
611078.43	4205812.03	1123.54341	0.00002	0.01433	1.23897E-07	1.986OE-05
611085.43	4205812.03	1100.1195	0.00002	0.01415	1.22341E-07	1.944TE-05
611092.43	4205812.03	1077.75369	0.00002	0.01398	1.20871E-07	1.905ZE-05
610294.43	4205819.03	8353.51542	0.00015	0.10817	9.35237E-07	1.476TE-04
610301.43	4205819.03	8599.46071	0.00015	0.10747	9.29185E-07	1.519IE-04
610308.43	4205819.03	8874.36456	0.00016	0.10655	9.21231E-07	1.568IE-04
610315.43	4205819.03	9134.72396	0.00016	0.10558	9.12844E-07	1.613TE-04
610322.43	4205819.03	9402.20765	0.00017	0.10458	9.04198E-07	1.660GE-04
610329.43	4205819.03	9677.48385	0.00017	0.10359	8.95639E-07	1.708IE-04
610336.43	4205819.03	9959.9206	0.00017	0.10256	8.86733E-07	1.758AE-04
610343.43	4205819.03	10250.18029	0.00018	0.10153	8.77828E-07	1.809IE-04
610350.43	4205819.03	10547.48273	0.00019	0.10041	8.68144E-07	1.861AE-04
610357.43	4205819.03	10852.53134	0.00019	0.09929	8.58461E-07	1.914IE-04
610364.43	4205819.03	11164.43192	0.00020	0.09814	8.48518E-07	1.969GE-04
610371.43	4205819.03	11483.76806	0.00020	0.09698	8.38489E-07	2.025GE-04
610378.43	4205819.03	11809.49861	0.00021	0.09581	8.28373E-07	2.082TE-04
610385.43	4205819.03	12141.85007	0.00021	0.09462	8.18084E-07	2.141OE-04
610392.43	4205819.03	12480.78862	0.00022	0.09342	8.07709E-07	2.200AE-04
610399.43	4205819.03	12825.13113	0.00023	0.09220	7.97161E-07	2.260BE-04
610406.43	4205819.03	13175.28587	0.00023	0.09098	7.86613E-07	2.3222E-04
610413.43	4205819.03	13529.66078	0.00024	0.08975	7.75978E-07	2.384IE-04
610420.43	4205819.03	13888.6286	0.00024	0.08851	7.65257E-07	2.4473E-04
610427.43	4205819.03	14250.39882	0.00025	0.08726	7.54450E-07	2.5107E-04
610434.43	4205819.03	14615.20552	0.00026	0.08600	7.43556E-07	2.574TE-04
610441.43	4205819.03	14980.89172	0.00026	0.08473	7.32575E-07	2.638BE-04
610448.43	4205819.03	15347.48274	0.00027	0.08347	7.21681E-07	2.7031E-04
610455.43	4205819.03	15712.69685	0.00028	0.08219	7.10614E-07	2.767ZE-04
610462.43	4205819.03	16076.28773	0.00028	0.08090	6.99461E-07	2.830IE-04
610469.43	4205819.03	16435.70529	0.00029	0.07960	6.88221E-07	2.893IE-04
610476.43	4205819.03	16789.83607	0.00029	0.07830	6.76981E-07	2.956OE-04
610483.43	4205819.03	17137.63023	0.00030	0.07699	6.65655E-07	3.017OE-04
610490.43	4205819.03	17476.15011	0.00031	0.07568	6.54329E-07	3.076HE-04
610504.43	4205819.03	18105.28955	0.00032	0.07299	6.31071E-07	3.187EE-04
610511.43	4205819.03	18404.23698	0.00032	0.07165	6.19486E-07	3.239OE-04
610518.43	4205819.03	18682.87092	0.00033	0.07031	6.07900E-07	3.287HE-04
610525.43	4205819.03	18941.63109	0.00033	0.06897	5.96314E-07	3.333ZE-04
610532.43	4205819.03	19178.82638	0.00034	0.06764	5.84815E-07	3.374TE-04
610539.43	4205819.03	19393.12397	0.00034	0.06631	5.73316E-07	3.412GE-04
610546.43	4205819.03	19580.85194	0.00034	0.06499	5.61903E-07	3.445IE-04
610553.43	4205819.03	19740.74235	0.00035	0.06367	5.50491E-07	3.473IE-04
610560.43	4205819.03	19871.38921	0.00035	0.06236	5.39164E-07	3.495SE-04
610567.43	4205819.03	19972.75179	0.00035	0.06108	5.28097E-07	3.513GE-04
610574.43	4205819.03	20043.34905	0.00035	0.05981	5.17117E-07	3.525IE-04
610581.43	4205819.03	20078.97979	0.00035	0.05855	5.06223E-07	3.532IE-04
610588.43	4205819.03	20078.27411	0.00035	0.05730	4.95416E-07	3.5319E-04
610595.43	4205819.03	20040.01558	0.00035	0.05606	4.84694E-07	3.525OE-04
610602.43	4205819.03	19963.23907	0.00035	0.05483	4.74060E-07	3.511HE-04
610609.43	4205819.03	19847.27905	0.00035	0.05361	4.63512E-07	3.491OE-04
610616.43	4205819.03	19691.58448	0.00035	0.05240	4.53050E-07	3.463SE-04
610623.43	4205819.03	19496.14558	0.00034	0.05121	4.42761E-07	3.429IE-04
610630.43	4205819.03	19260.94469	0.00034	0.05003	4.32559E-07	3.387TE-04
610637.43	4205819.03	18986.49358	0.00033	0.04886	4.22443E-07	3.339IE-04
610644.43	4205819.03	18674.45321	0.00033	0.04771	4.12500E-07	3.284AE-04

610651.43	4205819.03	18324.53279	0.00032	0.04658	4.02730E-07	3.2229E-04
610658.43	4205819.03	17938.84798	0.00032	0.04546	3.93047E-07	3.1550E-04
610679.43	4205819.03	16591.57535	0.00029	0.04224	3.65207E-07	2.9181E-04
610686.43	4205819.03	16086.86874	0.00028	0.04120	3.56215E-07	2.8293E-04
610693.43	4205819.03	15560.60862	0.00027	0.04019	3.47483E-07	2.7368E-04
610700.43	4205819.03	15014.5121	0.00026	0.03920	3.38923E-07	2.6408E-04
610707.43	4205819.03	14454.01647	0.00025	0.03823	3.30536E-07	2.5423E-04
610714.43	4205819.03	13873.24178	0.00024	0.03728	3.23223E-07	2.4402E-04
610721.43	4205819.03	13281.38843	0.00023	0.03636	3.14368E-07	2.3361E-04
610749.43	4205819.03	10896.07382	0.00019	0.03292	2.84626E-07	1.9168E-04
610756.43	4205819.03	10312.31808	0.00018	0.03212	2.77709E-07	1.8142E-04
610763.43	4205819.03	9740.13259	0.00017	0.03135	2.71052E-07	1.7136E-04
610770.43	4205819.03	9182.27463	0.00016	0.03060	2.64567E-07	1.6156E-04
610777.43	4205819.03	8641.38293	0.00015	0.02988	2.58342E-07	1.5205E-04
610784.43	4205819.03	8119.54867	0.00014	0.02919	2.52377E-07	1.4288E-04
610791.43	4205819.03	7618.80756	0.00013	0.02852	2.46584E-07	1.3408E-04
610798.43	4205819.03	7140.42847	0.00013	0.02788	2.41050E-07	1.2567E-04
610805.43	4205819.03	6685.54351	0.00012	0.02726	2.35690E-07	1.1767E-04
610812.43	4205819.03	6254.98984	0.00011	0.02666	2.30502E-07	1.1010E-04
610819.43	4205819.03	5849.23664	0.00010	0.02609	2.25574E-07	1.0297E-04
610826.43	4205819.03	5468.40613	0.00010	0.02553	2.20732E-07	9.6277E-05
610833.43	4205819.03	5112.35015	0.00009	0.02500	2.16150E-07	9.0018E-05
610840.43	4205819.03	4780.75043	0.00008	0.02449	2.11740E-07	8.4189E-05
610847.43	4205819.03	4472.88062	0.00008	0.02400	2.07504E-07	7.8777E-05
610854.43	4205819.03	4187.9011	0.00007	0.02353	2.03440E-07	7.3767E-05
610861.43	4205819.03	3924.8783	0.00007	0.02307	1.99463E-07	6.9143E-05
610868.43	4205819.03	3682.64804	0.00006	0.02264	1.95745E-07	6.4884E-05
610875.43	4205819.03	3460.0309	0.00006	0.02222	1.92114E-07	6.0970E-05
610882.43	4205819.03	3255.75498	0.00006	0.02181	1.88569E-07	5.7378E-05
610889.43	4205819.03	3068.59005	0.00005	0.02142	1.85197E-07	5.4087E-05
610910.43	4205819.03	2597.13807	0.00005	0.02034	1.75860E-07	4.5796E-05
610917.43	4205819.03	2466.02159	0.00004	0.02000	1.72920E-07	4.3490E-05
610924.43	4205819.03	2346.0669	0.00004	0.01968	1.70153E-07	4.1381E-05
610931.43	4205819.03	2236.32893	0.00004	0.01936	1.67386E-07	3.9450E-05
610938.43	4205819.03	2135.79956	0.00004	0.01906	1.64793E-07	3.7682E-05
610945.43	4205819.03	2043.61519	0.00004	0.01876	1.62199E-07	3.6060E-05
610952.43	4205819.03	1959.01308	0.00003	0.01848	1.59778E-07	3.4571E-05
610959.43	4205819.03	1881.23811	0.00003	0.01820	1.57357E-07	3.3203E-05
610966.43	4205819.03	1809.59057	0.00003	0.01794	1.55109E-07	3.1942E-05
610973.43	4205819.03	1743.53256	0.00003	0.01768	1.52861E-07	3.0779E-05
610980.43	4205819.03	1682.50905	0.00003	0.01743	1.50700E-07	2.9705E-05
610987.43	4205819.03	1626.01735	0.00003	0.01718	1.48538E-07	2.8711E-05
610994.43	4205819.03	1573.62852	0.00003	0.01694	1.46463E-07	2.7788E-05
611001.43	4205819.03	1524.93963	0.00003	0.01671	1.44475E-07	2.6931E-05
611008.43	4205819.03	1479.57872	0.00003	0.01649	1.42572E-07	2.6132E-05
611015.43	4205819.03	1437.24629	0.00003	0.01627	1.40670E-07	2.5387E-05
611022.43	4205819.03	1397.62321	0.00002	0.01605	1.38768E-07	2.4689E-05
611029.43	4205819.03	1360.49832	0.00002	0.01584	1.36953E-07	2.4035E-05
611036.43	4205819.03	1325.59998	0.00002	0.01564	1.35223E-07	2.3420E-05
611043.43	4205819.03	1292.75974	0.00002	0.01544	1.33494E-07	2.2842E-05
611050.43	4205819.03	1261.7778	0.00002	0.01524	1.31765E-07	2.2296E-05
611057.43	4205819.03	1232.4908	0.00002	0.01505	1.30122E-07	2.1780E-05
611064.43	4205819.03	1204.75328	0.00002	0.01487	1.28566E-07	2.1291E-05
611071.43	4205819.03	1178.41348	0.00002	0.01468	1.26923E-07	2.0827E-05
611078.43	4205819.03	1153.3626	0.00002	0.01451	1.25453E-07	2.0385E-05
611085.43	4205819.03	1129.50554	0.00002	0.01433	1.23897E-07	1.9964E-05
611092.43	4205819.03	1106.74777	0.00002	0.01416	1.22427E-07	1.9563E-05
610294.43	4205826.03	8415.38976	0.00015	0.11117	9.61175E-07	1.4878E-04
610301.43	4205826.03	8690.26135	0.00015	0.11024	9.53134E-07	1.5360E-04
610308.43	4205826.03	8950.24171	0.00016	0.10927	9.44748E-07	1.5816E-04
610315.43	4205826.03	9217.76793	0.00016	0.10827	9.36102E-07	1.6285E-04
610322.43	4205826.03	9493.65995	0.00017	0.10726	9.27369E-07	1.6769E-04
610329.43	4205826.03	9777.69412	0.00017	0.10622	9.18378E-07	1.7267E-04
610336.43	4205826.03	10069.81482	0.00018	0.10519	9.09472E-07	1.7779E-04
610343.43	4205826.03	10370.18207	0.00018	0.10411	9.00135E-07	1.8306E-04
610350.43	4205826.03	10679.14267	0.00019	0.10298	8.90365E-07	1.8848E-04
610357.43	4205826.03	10995.81732	0.00019	0.10182	8.80335E-07	1.9403E-04
610364.43	4205826.03	11321.06074	0.00020	0.10065	8.70219E-07	1.9973E-04
610371.43	4205826.03	11653.77528	0.00020	0.09946	8.59931E-07	2.0557E-04
610378.43	4205826.03	11994.81102	0.00021	0.09826	8.49555E-07	2.1155E-04
610385.43	4205826.03	12343.30594	0.00022	0.09705	8.39094E-07	2.1766E-04
610392.43	4205826.03	12698.69199	0.00022	0.09582	8.28459E-07	2.2389E-04
610399.43	4205826.03	13061.41664	0.00023	0.09458	8.17738E-07	2.3025E-04
610406.43	4205826.03	13430.11533	0.00024	0.09332	8.06844E-07	2.3672E-04
610413.43	4205826.03	13805.18123	0.00024	0.09206	7.95950E-07	2.4329E-04
610420.43	4205826.03	14185.05573	0.00025	0.09078	7.84883E-07	2.4996E-04
610427.43	4205826.03	14569.97934	0.00026	0.08950	7.73817E-07	2.5671E-04
610434.43	4205826.03	14958.00477	0.00026	0.08821	7.62663E-07	2.6351E-04
610441.43	4205826.03	15349.29439	0.00027	0.08691	7.51423E-07	2.7037E-04
610448.43	4205826.03	15742.23123	0.00028	0.08561	7.40184E-07	2.7726E-04
610455.43	4205826.03	16134.9437	0.00028	0.08430	7.28857E-07	2.8415E-04
610462.43	4205826.03	16527.21111	0.00029	0.08297	7.17358E-07	2.9103E-04
610469.43	4205826.03	16916.35425	0.00030	0.08163	7.05773E-07	2.9785E-04
610476.43	4205826.03	17301.8923	0.00030	0.08029	6.94187E-07	3.0461E-04
610483.43	4205826.03	17680.89432	0.00031	0.07894	6.82515E-07	3.1126E-04
610490.43	4205826.03	18052.39601	0.00032	0.07759	6.70843E-07	3.1777E-04
610504.43	4205826.03	18752.03081	0.00033	0.07482	6.46893E-07	3.3004E-04
610511.43	4205826.03	19080.73589	0.00034	0.07343	6.34875E-07	3.3580E-04
610518.43	4205826.03	19392.39762	0.00034	0.07205	6.22944E-07	3.4126E-04
610525.43	4205826.03	19685.25355	0.00035	0.07067	6.11012E-07	3.4640E-04
610532.43	4205826.03	19955.57784	0.00035	0.06930	5.99167E-07	3.5113E-04
610539.43	4205826.03	20201.24737	0.00035	0.06792	5.87236E-07	3.5544E-04
610546.43	4205826.03	20420.12218	0.00036	0.06656	5.75477E-07	3.5927E-04
610553.43	4205826.03	20610.18261	0.00036	0.06520	5.63719E-07	3.6260E-04
610560.43	4205826.03	20767.83053	0.00036	0.06385	5.52047E-07	3.6535E-04
610567.43	4205826.03	20895.02826	0.00037	0.06252	5.40548E-07	3.6758E-04
610574.43	4205826.03	20989.70823	0.00037	0.06122	5.29308E-07	3.6923E-04
610581.43	4205826.03	21045.93946	0.00037	0.05991	5.17982E-07	3.7021E-04
610588.43	4205826.03	21063.35518	0.00037	0.05862	5.06828E-07	3.7050E-04
610595.43	4205826.03	21039.17325	0.00037	0.05734	4.95761E-07	3.7006E-04
610602.43	4205826.03	20972.85275	0.00037	0.05607	4.84781E-07	3.6889E-04
610609.43	4205826.03	20864.08529	0.00037	0.05482	4.73973E-07	3.6697E-04
610616.43	4205826.03	20710.95105	0.00036	0.05357	4.63166E-07	3.6427E-04
610623.43	4205826.03	20514.61863	0.00036	0.05234	4.52531E-07	3.6081E-04
610630.43	4205826.03	20273.54521	0.00036	0.05112	4.41983E-07	3.5656E-04
610637.43	4205826.03	19989.68302	0.00035	0.04991	4.31522E-07	3.5156E-04
610644.43	4205826.03	19662.67924	0.00035	0.04873	4.21319E-07	3.4581E-04
610651.43	4205826.03	19294.38399	0.00034	0.04756	4.11204E-07	3.3933E-04
610658.43	4205826.03	18887.16947	0.00033	0.04641	4.01261E-07	3.3217E-04
610686.43	4205826.03	16911.83294	0.00030	0.04201	3.63218E-07	2.9743E-04
610693.43	4205826.03	16348.49154	0.00029	0.04097	3.54226E-07	2.8753E-04
610700.43	4205826.03	15763.44554	0.00028	0.03995	3.45408E-07	2.7724E-04
610707.43	4205826.03	15157.28037	0.00027	0.03895	3.36762E-07	2.6659E-04
610742.43	4205826.03	11976.23208	0.00021	0.03433	2.96817E-07	2.1067E-04
610749.43	4205826.03	11343.01883	0.00020	0.03349	2.89554E-07	1.9954E-04
610756.43	4205826.03	10710.8998	0.00019	0.03267	2.82465E-07	1.8859E-04
610763.43	4205826.03	10110.0062	0.00018	0.03188	2.75634E-07	1.7787E-04
610770.43	4205826.03	9516.45276	0.00017	0.03111	2.68977E-07	1.6743E-04
610777.43	4205826.03	8942.0377	0.00016	0.03037	2.62579E-07	1.5734E-04
610784.43	4205826.03	8389.02825	0.00015	0.02966	2.56440E-07	1.4762E-04
610791.43	4205826.03	7859.71269	0.00014	0.02898	2.50561E-07	1.3831E-04
610798.43	4205826.03	7355.18142	0.00013	0.02832	2.44855E-07	1.2944E-04
610805.43	4205826.03	6876.53634	0.00012	0.02769	2.39408E-07	1.2103E-04
610812.43	4205826.03	6424.57531	0.00011	0.02708	2.34134E-07	1.1309E-04
610819.43	4205826.03	5999.86611	0.00011	0.02649	2.29032E-07	1.0562E-04
610826.43	4205826.03	5602.25969	0.00010	0.02592	2.24104E-07	9.8632E-05
610833.43	4205826.03	5231.58162	0.00009	0.02538	2.19435E-07	9.2116E-05
610840.43	4205826.03	4887.20431	0.00009	0.02486	2.14939E-07	8.6062E-05
610847.43	4205826.03	4568.36473	0.00008	0.02436	2.10616E-07	8.0457E-05
610854.43	4205826.03	4274.04006	0.00008	0.02388	2.06466E-07	7.5283E-05
610861.43	4205826.03	4003.02766	0.00007	0.02342	2.02489E-07	7.0519E-05
610868.43	4205826.03	3754.10589	0.00007	0.02297	1.98599E-07	6.6142E-05
610875.43	4205826.03	3525.88867	0.00006	0.02254	1.94881E-07	6.2130E-05
610882.43	4205826.03	3316.9605	0.00006	0.02213	1.91336E-07	5.8456E-05
610889.43	4205826.03	3125.89075	0.00005	0.02173	1.87877E-07	5.5096E-05
610910.43	4205826.03	2646.33468	0.00005	0.02063	1.78367E-07	4.6663E-05
610917.43	4205826.03	2513.37393	0.00004	0.02029	1.75427E-07	4.4325E-05
610924.43	4205826.03	2391.90478	0.00004	0.01995	1.72488E-07	4.2188E-05
610931.43	4205826.03	2280.82565	0.00004	0.01964	1.69807E-07	4.0234E-05
610938.43	4205826.03	2179.16732	0.00004	0.01933	1.67127E-07	3.8446E-05
610945.43	4205826.03	2086.04814	0.00004	0.01903	1.64533E-07	3.6807E-05
610952.43	4205826.03	2000.54374	0.00004	0.01874	1.62026E-07	3.5303E-05
610959.43	4205826.03	1921.99842	0.00003	0.01846	1.59605E-07	3.3921E-05
610966.43	4205826.03	1849.6896	0.00003	0.01819	1.57271E-07	3.2648E-05
610973.43	4205826.03	1783.00006	0.00003	0.01792	1.54936E-07	3.1475E-05
610980.43	4205826.03	1721.37689	0.00003	0.01767	1.52775E-07	3.0396E-05
610987.43	4205826.03	1664.31485	0.00003	0.01742	1.50613E-07	2.9386E-05
610994.43	4205826.03	1611.35694	0.00003	0.01717	1.48452E-07	2.8453E-05
611001.43	4205826.03	1562.1167	0.00003	0.01694	1.46463E-07	2.7586E-05
611008.43	4205826.03	1516.25319	0.00003	0.01671	1.44475E-07	2.6779E-05
611015.43	4205826.03	1473.41673	0.00003	0.01648	1.42486E-07	2.6024E-05
611022.43	4205826.03	1433.30583	0.00003	0.01627	1.40670E-07	2.5318E-05
611029.43	4205826.03	1395.66775	0.00002	0.01605	1.38768E-07	2.4655E-05
611036.43	4205826.03	1360.31714	0.00002	0.01584	1.36953E-07	2.4032E-05
611043.43	4205826.03	1327.00564	0.00002	0.01564	1.35223E-07	2.3445E-05
611050.43	4205826.03	1295.5422	0.00002	0.01544	1.33494E-07	2.2891E-05
611057.43	4205826.03	1265.77518	0.00002	0.01525	1.31851E-07	2.2366E-05
611064.43	4205826.03	1237.54835	0.00002	0.01506	1.30209E-07	2.1869E-05
611071.43	4205826.03	1210.74741	0.00002	0.01487	1.28566E-07	2.1396E-05
611078.43	4205826.03	1185.25291	0.00002	0.01469	1.27010E-07	2.0947E-05
611085.43	4205826.03	1160.94665	0.00002	0.01451	1.25453E-07	2.0518E-05
610294.43	4205833.03	8495.89441	0.00015	0.11407	9.86249E-07	1.5022E-04
610301.43	4205833.03	8754.43927	0.00015	0.11309	9.77776E-07	1.5476E-04
610308.43	4205833.03	9021.16676	0.00016	0.11210	9.69216E-07	1.5943E-04
610315.43	4205833.03	9296.84055	0.00016	0.11108	9.60397E-07	1.6427E-04
610322.43	4205833.03	9580.73225	0.00017	0.11004	9.51405E-07	1.6924E-04
610329.43	4205833.03	9873.3691	0.00017	0.10898	9.42241E-07	1.7438E-04
610336.43	4205833.03	10174.90338	0.00018	0.10789	9.32816E-07	1.7966E-04
610343.43	4205833.03	10485.32496	0.00018	0.10679	9.23306E-07	1.8511E-04
610350.43	4205833.03	10805.53882	0.00019	0.10563	9.13276E-07	1.9072E-04
610357.43	4205833.03	11134.39835	0.00020	0.10445	9.03074E-07	1.9649E-04
610364.43	4205833.03	11472.59905	0.00020	0.10325	8.92699E-07	2.0242E-04
610371.43	4205833.03	11819.81838	0.00021	0.10204	8.82237E-07	2.0851E-04
610378.43	4205833.03	12175.29042	0.00021	0.10081	8.71603E-07	2.1474E-04
610385.43	4205833.03	12539.97361	0.00022	0.09957	8.60882E-07	2.2113E-04
610392.43	4205833.03	12912.51083	0.00023	0.09830	8.49901E-07	2.2767E-04
610399.43	4205833.03	13293.54728	0.00023	0.09703	8.38821E-07	2.3435E-04
610406.43	4205833.03	13681.84071	0.00024	0.09575	8.27654E-07	2.4116E-04
610413.43	4205833.03	14077.78514	0.00025	0.09445	8.16614E-07	2.4810E-04
610420.43	4205833.03	14479.71685	0.00025	0.09314	8.05288E-07	2.5515E-04
610427.43	4205833.03	14888.1719	0.00026	0.09182	7.93875E-07	2.6232E-04
610434.43	4205833.03	15301.61759	0.00027	0.09050	7.82463E-07	2.6957E-04
610441.43	4205833.03	15718.63853	0.00028	0.08916	7.70877E-07	2.7688E-04
610448.43	4205833.03	16139.18197	0.00028	0.08782	7.59291E-07	2.8426E-04
610455.43	4205833.03	16560.91974	0.00029	0.08647	7.47619E-07	2.9165E-04
610462.43	4205833.03	16983.60381	0.00030	0.08510	7.35774E-07	2.9907E-04
610469.43	4205833.03	17404.4951	0.00031	0.08372	7.23843E-07	3.0645E-04
610476.43	4205833.03	17823.06845	0.00031	0.08234	7.11911E-07	3.1379E-04
610483.43	4205833.03	18236.68798	0.00032	0.08096	6.99980E-07	3.2104E-04
610490.43	4205833.03	18642.90552	0.00033	0.07956	6.87878E-07	3.2816E-04
610504.43	4205833.03	19415.41446	0.00034	0.07671	6.63234E-07	3.4171E-04
610511.43	4205833.03	19781.73141	0.00035	0.07528	6.50871E-07	3.4813E-04
610518.43	4205833.03	20131.23901	0.00035	0.07386	6.38598E-07	3.5426E-04
610525.43	4205833.03	20461.30296	0.00036	0.07244	6.26316E-07	3.6004E-04
610532.43	4205833.03	20769.04681	0.00036	0.07102	6.14039E-07	3.6544E-04
610539.43	4205833.03	21051.6546	0.00037	0.06961	6.01848E-07	3.7039E-04

610546.43	4205833.03	21306.23796	0.00037	0.06820	5.89657E-07	3.7485E-04
610553.43	4205833.03	21529.97513	0.00038	0.06680	5.77552E-07	3.7877E-04
610560.43	4205833.03	21720.26718	0.00038	0.06541	5.65535E-07	3.8215E-04
610567.43	4205833.03	21877.90153	0.00038	0.06404	5.53690E-07	3.8486E-04
610574.43	4205833.03	21999.10568	0.00039	0.06268	5.41931E-07	3.8697E-04
610581.43	4205833.03	22080.34441	0.00039	0.06134	5.30345E-07	3.8839E-04
610588.43	4205833.03	22117.99624	0.00039	0.06001	5.18846E-07	3.8904E-04
610595.43	4205833.03	22111.79562	0.00039	0.05868	5.07347E-07	3.8892E-04
610602.43	4205833.03	22058.49554	0.00039	0.05737	4.96021E-07	3.8797E-04
610609.43	4205833.03	21958.67641	0.00039	0.05607	4.84781E-07	3.8621E-04
610616.43	4205833.03	21809.98938	0.00038	0.05478	4.73628E-07	3.8358E-04
610623.43	4205833.03	21613.26512	0.00038	0.05350	4.62561E-07	3.8012E-04
610630.43	4205833.03	21367.15472	0.00038	0.05224	4.51667E-07	3.7578E-04
610637.43	4205833.03	21072.72935	0.00037	0.05100	4.40946E-07	3.7060E-04
610644.43	4205833.03	20731.08347	0.00036	0.04978	4.30398E-07	3.6459E-04
610651.43	4205833.03	20343.42671	0.00036	0.04857	4.19036E-07	3.5777E-04
610658.43	4205833.03	19910.82323	0.00035	0.04738	4.09647E-07	3.5016E-04
610665.43	4205833.03	19437.51877	0.00034	0.04621	3.99531E-07	3.4183E-04
610693.43	4205833.03	17193.48629	0.00030	0.04177	3.61143E-07	3.0238E-04
610700.43	4205833.03	16565.29524	0.00029	0.04072	3.52065E-07	2.9133E-04
610707.43	4205833.03	15912.85406	0.00028	0.03969	3.43160E-07	2.7986E-04
610728.43	4205833.03	13871.63767	0.00024	0.03676	3.17827E-07	2.4398E-04
610735.43	4205833.03	13183.22925	0.00023	0.03583	3.09786E-07	2.3188E-04
610742.43	4205833.03	12498.14361	0.00022	0.03494	3.02091E-07	2.1984E-04
610749.43	4205833.03	11820.27231	0.00021	0.03407	2.94569E-07	2.0793E-04
610756.43	4205833.03	11154.10437	0.00020	0.03323	2.87306E-07	1.9622E-04
610763.43	4205833.03	10503.29366	0.00018	0.03242	2.80303E-07	1.8478E-04
610770.43	4205833.03	9871.0128	0.00017	0.03164	2.73559E-07	1.7367E-04
610777.43	4205833.03	9260.30954	0.00016	0.03088	2.66988E-07	1.6293E-04
610784.43	4205833.03	8673.67668	0.00015	0.03015	2.60677E-07	1.5262E-04
610791.43	4205833.03	8113.38096	0.00014	0.02945	2.54625E-07	1.4277E-04
610798.43	4205833.03	7580.65206	0.00013	0.02878	2.48832E-07	1.3341E-04
610805.43	4205833.03	7076.55512	0.00012	0.02813	2.43212E-07	1.2455E-04
610812.43	4205833.03	6601.92645	0.00012	0.02750	2.37765E-07	1.1621E-04
610819.43	4205833.03	6157.00119	0.00011	0.02690	2.32577E-07	1.0838E-04
610826.43	4205833.03	5741.69861	0.00010	0.02633	2.27649E-07	1.0108E-04
610833.43	4205833.03	5355.57966	0.00009	0.02577	2.22807E-07	9.4297E-05
610840.43	4205833.03	4997.91602	0.00009	0.02524	2.18225E-07	8.8010E-05
610847.43	4205833.03	4667.63508	0.00008	0.02473	2.13815E-07	8.2204E-05
610854.43	4205833.03	4363.65341	0.00008	0.02424	2.09579E-07	7.6860E-05
610861.43	4205833.03	4084.54129	0.00007	0.02377	2.05515E-07	7.1953E-05
610868.43	4205833.03	3828.76702	0.00007	0.02331	2.01538E-07	6.7457E-05
610875.43	4205833.03	3594.85801	0.00006	0.02288	1.97820E-07	6.3344E-05
610882.43	4205833.03	3381.17828	0.00006	0.02246	1.94189E-07	5.9587E-05
610889.43	4205833.03	3186.20904	0.00006	0.02205	1.90644E-07	5.6159E-05
610910.43	4205833.03	2698.50884	0.00005	0.02093	1.80961E-07	4.7582E-05
610917.43	4205833.03	2563.67929	0.00005	0.02058	1.77935E-07	4.5211E-05
610924.43	4205833.03	2440.68718	0.00004	0.02024	1.74995E-07	4.3047E-05
610931.43	4205833.03	2328.28158	0.00004	0.01992	1.72228E-07	4.1070E-05
610938.43	4205833.03	2225.47335	0.00004	0.01960	1.69462E-07	3.9262E-05
610945.43	4205833.03	2131.39055	0.00004	0.01930	1.66868E-07	3.7606E-05
610952.43	4205833.03	2045.02406	0.00004	0.01900	1.64274E-07	3.6087E-05
610959.43	4205833.03	1965.70236	0.00003	0.01872	1.61853E-07	3.4691E-05
610966.43	4205833.03	1892.66831	0.00003	0.01844	1.59432E-07	3.3406E-05
610973.43	4205833.03	1825.28915	0.00003	0.01817	1.57098E-07	3.2220E-05
610980.43	4205833.03	1763.01555	0.00003	0.01791	1.54850E-07	3.1124E-05
610987.43	4205833.03	1705.3407	0.00003	0.01766	1.52688E-07	3.0108E-05
610994.43	4205833.03	1651.81802	0.00003	0.01741	1.50527E-07	2.9166E-05
611001.43	4205833.03	1602.03169	0.00003	0.01717	1.48452E-07	2.8289E-05
611008.43	4205833.03	1555.60342	0.00003	0.01694	1.46463E-07	2.7472E-05
611015.43	4205833.03	1512.18958	0.00003	0.01671	1.44475E-07	2.6707E-05
611022.43	4205833.03	1471.5647	0.00003	0.01648	1.42486E-07	2.5992E-05
611029.43	4205833.03	1433.42144	0.00003	0.01627	1.40670E-07	2.5320E-05
611036.43	4205833.03	1397.52608	0.00002	0.01606	1.38855E-07	2.4687E-05
611043.43	4205833.03	1363.67654	0.00002	0.01585	1.37039E-07	2.4091E-05
611050.43	4205833.03	1331.72343	0.00002	0.01565	1.35310E-07	2.3528E-05
611057.43	4205833.03	1301.43402	0.00002	0.01545	1.33581E-07	2.2994E-05
611064.43	4205833.03	1272.71224	0.00002	0.01525	1.31851E-07	2.2488E-05
611071.43	4205833.03	1245.41299	0.00002	0.01506	1.30209E-07	2.2007E-05
611078.43	4205833.03	1219.4163	0.00002	0.01488	1.28652E-07	2.1549E-05
611085.43	4205833.03	1194.62395	0.00002	0.01470	1.27096E-07	2.1112E-05
610294.43	4205840.03	8549.48156	0.00015	0.11704	1.01193E-06	1.5119E-04
610301.43	4205840.03	8814.44271	0.00015	0.11605	1.00337E-06	1.5584E-04
610308.43	4205840.03	9088.02085	0.00016	0.11503	9.94549E-07	1.6063E-04
610315.43	4205840.03	9370.92362	0.00016	0.11399	9.85557E-07	1.6559E-04
610322.43	4205840.03	9662.74411	0.00017	0.11290	9.76133E-07	1.7071E-04
610329.43	4205840.03	9964.33546	0.00018	0.11181	9.66709E-07	1.7600E-04
610336.43	4205840.03	10275.09204	0.00018	0.11070	9.57112E-07	1.8145E-04
610343.43	4205840.03	10596.00679	0.00019	0.10957	9.47342E-07	1.8707E-04
610350.43	4205840.03	10927.08387	0.00019	0.10838	9.37053E-07	1.9288E-04
610357.43	4205840.03	11268.52874	0.00020	0.10718	9.26678E-07	1.9887E-04
610364.43	4205840.03	11619.46016	0.00020	0.10595	9.16043E-07	2.0502E-04
610371.43	4205840.03	11980.79488	0.00021	0.10471	9.05322E-07	2.1136E-04
610378.43	4205840.03	12351.44779	0.00022	0.10345	8.94428E-07	2.1786E-04
610385.43	4205840.03	12732.37098	0.00022	0.10218	8.83448E-07	2.2454E-04
610392.43	4205840.03	13122.41578	0.00023	0.10089	8.72294E-07	2.3138E-04
610399.43	4205840.03	13522.2848	0.00024	0.09958	8.60968E-07	2.3839E-04
610406.43	4205840.03	13930.59879	0.00024	0.09826	8.49555E-07	2.4555E-04
610413.43	4205840.03	14347.97211	0.00025	0.09693	8.38058E-07	2.5287E-04
610420.43	4205840.03	14773.44966	0.00026	0.09559	8.26471E-07	2.6033E-04
610427.43	4205840.03	15205.57616	0.00027	0.09424	8.14799E-07	2.6791E-04
610434.43	4205840.03	15645.00074	0.00027	0.09288	8.03040E-07	2.7562E-04
610441.43	4205840.03	16089.37042	0.00028	0.09150	7.91109E-07	2.8341E-04
610448.43	4205840.03	16539.01904	0.00029	0.09013	7.79264E-07	2.9130E-04
610455.43	4205840.03	16991.39622	0.00030	0.08873	7.67159E-07	2.9923E-04
610462.43	4205840.03	17446.20893	0.00031	0.08733	7.55055E-07	3.0721E-04
610469.43	4205840.03	17901.45979	0.00031	0.08591	7.42777E-07	3.1520E-04
610476.43	4205840.03	18354.61358	0.00032	0.08448	7.30414E-07	3.2314E-04
610483.43	4205840.03	18805.02189	0.00033	0.08305	7.18050E-07	3.3104E-04
610490.43	4205840.03	19249.12655	0.00034	0.08162	7.05686E-07	3.3883E-04
610504.43	4205840.03	20101.62972	0.00035	0.07868	6.80267E-07	3.5378E-04
610511.43	4205840.03	20508.52263	0.00036	0.07721	6.67557E-07	3.6091E-04
610518.43	4205840.03	20899.91254	0.00037	0.07574	6.54848E-07	3.6778E-04
610525.43	4205840.03	21271.87152	0.00037	0.07428	6.42225E-07	3.7436E-04
610532.43	4205840.03	21621.40381	0.00038	0.07282	6.29601E-07	3.8043E-04
610539.43	4205840.03	21944.64968	0.00039	0.07136	6.16978E-07	3.8609E-04
610546.43	4205840.03	22239.61994	0.00039	0.06991	6.04442E-07	3.9126E-04
610553.43	4205840.03	22502.47458	0.00040	0.06846	5.91905E-07	3.9586E-04
610560.43	4205840.03	22729.25732	0.00040	0.06703	5.79541E-07	3.9984E-04
610567.43	4205840.03	22921.98562	0.00040	0.06561	5.67264E-07	4.0321E-04
610574.43	4205840.03	23075.05275	0.00041	0.06421	5.55159E-07	4.0589E-04
610581.43	4205840.03	23184.04605	0.00041	0.06282	5.43141E-07	4.0779E-04
610588.43	4205840.03	23247.36537	0.00041	0.06144	5.31210E-07	4.0889E-04
610595.43	4205840.03	23261.20049	0.00041	0.06007	5.19365E-07	4.0912E-04
610602.43	4205840.03	23225.1593	0.00041	0.05871	5.07606E-07	4.0847E-04
610609.43	4205840.03	23136.33108	0.00041	0.05737	4.96021E-07	4.0690E-04
610616.43	4205840.03	22994.92563	0.00040	0.05603	4.84435E-07	4.0441E-04
610623.43	4205840.03	22798.90383	0.00040	0.05472	4.73109E-07	4.0095E-04
610630.43	4205840.03	22549.53422	0.00040	0.05341	4.61783E-07	3.9656E-04
610637.43	4205840.03	22245.60893	0.00039	0.05213	4.50716E-07	3.9121E-04
610644.43	4205840.03	21888.23665	0.00038	0.05086	4.39735E-07	3.8492E-04
610661.43	4205840.03	21479.53178	0.00038	0.04962	4.29014E-07	3.7778E-04
610658.43	4205840.03	21021.56506	0.00037	0.04839	4.18380E-07	3.6968E-04
610665.43	4205840.03	20516.34259	0.00036	0.04718	4.07918E-07	3.6079E-04
610672.43	4205840.03	19969.06381	0.00035	0.04600	3.97716E-07	3.5117E-04
610721.43	4205840.03	15271.88066	0.00027	0.03841	3.32093E-07	2.6859E-04
610728.43	4205840.03	14532.43599	0.00026	0.03743	3.23620E-07	2.5560E-04
610735.43	4205840.03	13792.62223	0.00024	0.03649	3.15492E-07	2.4259E-04
610742.43	4205840.03	13056.96889	0.00023	0.03557	3.07538E-07	2.2966E-04
610749.43	4205840.03	12330.29793	0.00022	0.03467	2.99757E-07	2.1689E-04
610756.43	4205840.03	11617.02823	0.00020	0.03381	2.92321E-07	2.0435E-04
610763.43	4205840.03	10921.35246	0.00019	0.03298	2.85145E-07	1.9213E-04
610770.43	4205840.03	10246.94144	0.00018	0.03217	2.78142E-07	1.8027E-04
610777.43	4205840.03	9596.81139	0.00017	0.03140	2.71484E-07	1.6885E-04
610784.43	4205840.03	8973.74562	0.00016	0.03065	2.65000E-07	1.5790E-04
610791.43	4205840.03	8380.08792	0.00015	0.02994	2.58861E-07	1.4746E-04
610798.43	4205840.03	7817.11469	0.00014	0.02924	2.52809E-07	1.3757E-04
610805.43	4205840.03	7285.84075	0.00013	0.02858	2.47103E-07	1.2823E-04
610812.43	4205840.03	6787.00265	0.00012	0.02794	2.41569E-07	1.1946E-04
610819.43	4205840.03	6320.76819	0.00011	0.02733	2.36295E-07	1.1127E-04
610826.43	4205840.03	5886.7917	0.00010	0.02674	2.31194E-07	1.0364E-04
610833.43	4205840.03	5484.49417	0.00010	0.02618	2.26352E-07	9.6566E-05
610840.43	4205840.03	5113.00802	0.00009	0.02563	2.21597E-07	9.0035E-05
610847.43	4205840.03	4771.0176	0.00008	0.02511	2.17101E-07	8.4024E-05
610854.43	4205840.03	4457.07647	0.00008	0.02461	2.12778E-07	7.8505E-05
610861.43	4205840.03	4169.58099	0.00007	0.02413	2.08628E-07	7.3458E-05
610868.43	4205840.03	3906.87405	0.00007	0.02367	2.04651E-07	6.8832E-05
610875.43	4205840.03	3667.21085	0.00006	0.02322	2.00760E-07	6.4618E-05
610882.43	4205840.03	3448.8092	0.00006	0.02279	1.97042E-07	6.0778E-05
610889.43	4205840.03	3249.93551	0.00006	0.02238	1.93497E-07	5.7281E-05
610910.43	4205840.03	2754.15129	0.00005	0.02124	1.83641E-07	4.8562E-05
610917.43	4205840.03	2617.48156	0.00005	0.02088	1.80528E-07	4.6159E-05
610924.43	4205840.03	2492.90316	0.00004	0.02054	1.77589E-07	4.3967E-05
610931.43	4205840.03	2379.17862	0.00004	0.02021	1.74736E-07	4.1967E-05
610938.43	4205840.03	2275.21179	0.00004	0.01989	1.71969E-07	4.0138E-05
610945.43	4205840.03	2180.0523	0.00004	0.01958	1.69289E-07	3.8464E-05
610952.43	4205840.03	2092.79106	0.00004	0.01928	1.66695E-07	3.6928E-05
610959.43	4205840.03	2012.62701	0.00004	0.01898	1.64101E-07	3.5517E-05
610966.43	4205840.03	1938.84213	0.00003	0.01870	1.61680E-07	3.4219E-05
610973.43	4205840.03	1870.75599	0.00003	0.01843	1.59346E-07	3.3021E-05
610980.43	4205840.03	1807.81881	0.00003	0.01816	1.57011E-07	3.1913E-05
610987.43	4205840.03	1749.51269	0.00003	0.01790	1.54763E-07	3.0886E-05
610994.43	4205840.03	1695.33261	0.00003	0.01765	1.52602E-07	2.9932E-05
611001.43	4205840.03	1644.94906	0.00003	0.01741	1.505276-07	2.9045E-05
611008.43	4205840.03	1597.89586	0.00003	0.01717	1.48452E-07	2.8217E-05
611015.43	4205840.03	1553.92951	0.00003	0.01694	1.46463E-07	2.7442E-05
611022.43	4205840.03	1512.68008	0.00003	0.01671	1.44475E-07	2.6716E-05
611029.43	4205840.03	1473.97671	0.00003	0.01649	1.42572E-07	2.6034E-05
611036.43	4205840.03	1437.51738	0.00003	0.01627	1.40670E-07	2.5392E-05
611043.43	4205840.03	1403.11135	0.00002	0.01606	1.38855E-07	2.4788E-05
611050.43	4205840.03	1370.56917	0.00002	0.01585	1.37039E-07	2.4212E-05
611057.43	4205840.03	1339.73486	0.00002	0.01565	1.35310E-07	2.3669E-05
611064.43	4205840.03	1310.48048	0.00002	0.01545	1.33581E-07	2.3153E-05
611071.43	4205840.03	1282.64624	0.00002	0.01526	1.31938E-07	2.2663E-05
610294.43	4205847.03	8598.9341	0.00015	0.12013	1.03864E-06	1.5209E-04
610301.43	4205847.03	8869.62264	0.00016	0.11911	1.02982E-06	1.5683E-04
610308.43	4205847.03	9150.06491	0.00016	0.11807	1.02083E-06	1.6175E-04
610315.43	4205847.03	9440.17656	0.00017	0.11698	1.01141E-06	1.6684E-04
610322.43	4205847.03	9739.74194	0.00017	0.11589	1.00198E-06	1.7209E-04
610329.43	4205847.03	10049.81045	0.00018	0.11477	9.92301E-07	1.7752E-04
610336.43	4205847.03	10370.13678	0.00018	0.11362	9.82358E-07	1.8314E-04
610343.43	4205847.03	10700.9186	0.00019	0.11246	9.73329E-07	1.8894E-04
610350.43	4205847.03	11043.33477	0.00019	0.11124	9.61780E-07	1.9495E-04
610357.43	4205847.03	11396.86243	0.00020	0.11001	9.51146E-07	2.0115E-04
610364.43	4205847.03	11760.98833	0.00021	0.10876	9.40338E-07	2.0753E-04
610371.43	4205847.03	12136.47021	0.00021	0.10749	9.29358E-07	2.1412E-04
610378.43	4205847.03	12522.51182	0.00022	0.10620	9.18205E-07	2.2089E-04
610385.43	4205847.03	12919.94435	0.00023	0.10490	9.06965E-07	2.2786E-04
610392.43	4205847.03	13327.73147	0.00023	0.10357	8.95466E-07	2.3501E-04
610399.43	4205847.03	13746.7156	0.00024	0.10224	8.83967E-07	2.4236E-04
610406.43	4205847.03	14176.10647	0.00025	0.10089	8.72294E-07	2.4989E-04
610413.43	4205847.03	14615.01238	0.00026	0.09952	8.60449E-07	2.5758E-04
610420.43	4205847.03	15063.93595	0.00026	0.09814	8.48518E-07	2.6546E-04
610427.43	4205847.03	15521.34354	0.00027	0.09675	8.36500E-07	2.7348E-04
610434.43	4205847.03	15987.54246	0.00028	0.09535	8.24396E-07	2.8166E-04
610441.43	4205847.03	16460.60804	0.00029	0.09394	8.12205E-07	2.8995E-04

610448.43	4205847.03	16940.53983	0.00030	0.09252	7.99927E-07	2.9837E-04
610455.43	4205847.03	17425.67499	0.00031	0.09109	7.87564E-07	3.0688E-04
610462.43	4205847.03	17913.99479	0.00031	0.08964	7.75027E-07	3.1545E-04
610469.43	4205847.03	18405.00741	0.00032	0.08818	7.62404E-07	3.2406E-04
610476.43	4205847.03	18895.68838	0.00033	0.08671	7.49694E-07	3.3267E-04
610483.43	4205847.03	19385.4185	0.00034	0.08524	7.36985E-07	3.4126E-04
610490.43	4205847.03	19870.40081	0.00035	0.08375	7.24102E-07	3.4976E-04
610504.43	4205847.03	20809.02342	0.00037	0.08073	6.97991E-07	3.6622E-04
610511.43	4205847.03	21261.85359	0.00037	0.07922	6.84936E-07	3.7416E-04
610518.43	4205847.03	21698.43437	0.00038	0.07770	6.71794E-07	3.8182E-04
610525.43	4205847.03	22116.90705	0.00039	0.07620	6.58825E-07	3.8916E-04
610532.43	4205847.03	22512.3684	0.00040	0.07469	6.45769E-07	3.9609E-04
610539.43	4205847.03	22882.52071	0.00040	0.07318	6.32714E-07	4.025BE-04
610546.43	4205847.03	23222.40008	0.00041	0.07169	6.19831E-07	4.0854E-04
610553.43	4205847.03	23528.87974	0.00041	0.07019	6.06862E-07	4.1391E-04
610560.43	4205847.03	23798.94622	0.00042	0.06871	5.94066E-07	4.1864E-04
610567.43	4205847.03	24030.73172	0.00042	0.06725	5.81443E-07	4.2270E-04
610574.43	4205847.03	24221.55576	0.00043	0.06580	5.68906E-07	4.2604E-04
610581.43	4205847.03	24364.1675	0.00043	0.06436	5.56456E-07	4.2853E-04
610588.43	4205847.03	24457.16004	0.00043	0.06294	5.44179E-07	4.3015E-04
610595.43	4205847.03	24496.01907	0.00043	0.06152	5.31902E-07	4.3082E-04
610602.43	4205847.03	24480.45849	0.00043	0.06011	5.19711E-07	4.3054E-04
610609.43	4205847.03	24406.56716	0.00043	0.05872	5.07693E-07	4.2923E-04
610616.43	4205847.03	24273.87357	0.00043	0.05734	4.95761E-07	4.2688E-04
610623.43	4205847.03	24082.16012	0.00042	0.05597	4.83916E-07	4.2350E-04
610630.43	4205847.03	23829.41939	0.00042	0.05463	4.72331E-07	4.1905E-04
610637.43	4205847.03	23517.49231	0.00041	0.05330	4.60832E-07	4.135GE-04
610644.43	4205847.03	23144.20461	0.00041	0.05199	4.49505E-07	4.0699E-04
610651.43	4205847.03	22713.5882	0.00040	0.05070	4.38352E-07	3.9942E-04
610658.43	4205847.03	22227.64499	0.00039	0.04943	4.27372E-07	3.9087E-04
610665.43	4205847.03	21689.65479	0.00038	0.04819	4.16651E-07	3.8141E-04
610672.43	4205847.03	21103.6673	0.00037	0.04697	4.06102E-07	3.7111E-04
610679.43	4205847.03	20474.71582	0.00036	0.04577	3.95727E-07	3.6005E-04
610714.43	4205847.03	16832.74931	0.00030	0.04018	3.47396E-07	2.9603E-04
610721.43	4205847.03	16041.44302	0.00028	0.03914	3.38404E-07	2.8212E-04
610728.43	4205847.03	15244.62233	0.00027	0.03813	3.29672E-07	2.6811E-04
610735.43	4205847.03	14448.02966	0.00025	0.03716	3.21285E-07	2.5411E-04
610742.43	4205847.03	13656.86333	0.00024	0.03621	3.13071E-07	2.4021E-04
610749.43	4205847.03	12876.21664	0.00023	0.03530	3.05204E-07	2.2649E-04
610756.43	4205847.03	12111.30587	0.00021	0.03441	2.97509E-07	2.1304E-04
610763.43	4205847.03	11366.71757	0.00020	0.03356	2.90160E-07	1.9995E-04
610770.43	4205847.03	10646.20351	0.00019	0.03273	2.82983E-07	1.872BE-04
610777.43	4205847.03	9953.14623	0.00017	0.03194	2.76153E-07	1.7511E-04
610784.43	4205847.03	9290.6179	0.00016	0.03117	2.69496E-07	1.6347E-04
610791.43	4205847.03	8660.951	0.00015	0.03044	2.63184E-07	1.5240E-04
610798.43	4205847.03	8065.43895	0.00014	0.02973	2.57045E-07	1.4193E-04
610805.43	4205847.03	7505.08113	0.00013	0.02905	2.51166E-07	1.320BE-04
610812.43	4205847.03	6980.46278	0.00012	0.02840	2.45546E-07	1.228BE-04
610819.43	4205847.03	6491.59589	0.00011	0.02777	2.40099E-07	1.1427E-04
610826.43	4205847.03	6038.01907	0.00011	0.02717	2.34912E-07	1.0630E-04
610833.43	4205847.03	5618.86286	0.00010	0.02659	2.29897E-07	9.892BE-05
610840.43	4205847.03	5232.99825	0.00009	0.02604	2.25142E-07	9.214TE-05
610847.43	4205847.03	4878.84251	0.00009	0.02550	2.20473E-07	8.5921E-05
610854.43	4205847.03	4554.73936	0.00008	0.02499	2.16063E-07	8.022IE-05
610861.43	4205847.03	4258.79278	0.00007	0.02450	2.11827E-07	7.5021E-05
610868.43	4205847.03	3989.03799	0.00007	0.02403	2.07763E-07	7.027BE-05
610875.43	4205847.03	3743.55235	0.00007	0.02358	2.03873E-07	6.596ZE-05
610882.43	4205847.03	3520.39427	0.00006	0.02314	2.00068E-07	6.203BE-05
610889.43	4205847.03	3317.56827	0.00006	0.02272	1.96437E-07	5.847ZE-05
610910.43	4205847.03	2813.68473	0.00005	0.02155	1.86321E-07	4.9611E-05
610917.43	4205847.03	2675.20547	0.00005	0.02119	1.83209E-07	4.717SE-05
610924.43	4205847.03	2549.02183	0.00004	0.02084	1.80183E-07	4.495GE-05
610931.43	4205847.03	2433.95466	0.00004	0.02050	1.77243E-07	4.2931E-05
610938.43	4205847.03	2328.82302	0.00004	0.02018	1.74476E-07	4.1082E-05
610945.43	4205847.03	2232.59733	0.00004	0.01986	1.71709E-07	3.9389E-05
610952.43	4205847.03	2144.38099	0.00004	0.01955	1.69029E-07	3.783TE-05
610959.43	4205847.03	2063.32306	0.00004	0.01926	1.66522E-07	3.641OE-05
610966.43	4205847.03	1988.69771	0.00003	0.01897	1.64015E-07	3.5097E-05
610973.43	4205847.03	1919.85431	0.00003	0.01869	1.61594E-07	3.388IE-05
610980.43	4205847.03	1856.1783	0.00003	0.01842	1.59259E-07	3.276AE-05
610987.43	4205847.03	1797.16774	0.00003	0.01816	1.57011E-07	3.172EE-05
610994.43	4205847.03	1742.34258	0.00003	0.01790	1.54763E-07	3.076DE-05
611001.43	4205847.03	1691.23121	0.00003	0.01765	1.52602E-07	2.986OE-05
611008.43	4205847.03	1643.56207	0.00003	0.01741	1.50527E-07	2.9021E-05
611015.43	4205847.03	1598.91052	0.00003	0.01717	1.48452E-07	2.823AE-05
611022.43	4205847.03	1557.06935	0.00003	0.01694	1.46463E-07	2.749BE-05
611029.43	4205847.03	1517.69655	0.00003	0.01671	1.44475E-07	2.680AE-05
611036.43	4205847.03	1480.60906	0.00003	0.01649	1.42572E-07	2.615IE-05
611043.43	4205847.03	1445.60409	0.00003	0.01628	1.40757E-07	2.553AE-05
611050.43	4205847.03	1412.45412	0.00002	0.01607	1.38941E-07	2.495OE-05
611057.43	4205847.03	1381.03551	0.00002	0.01586	1.37125E-07	2.439EE-05
611064.43	4205847.03	1351.17918	0.00002	0.01566	1.35396E-07	2.387OE-05
610294.43	4205854.03	8643.40712	0.00015	0.12336	1.06657E-06	1.5289E-04
610301.43	4205854.03	8920.38901	0.00016	0.12229	1.05732E-06	1.577SE-04
610308.43	4205854.03	9207.19293	0.00016	0.12123	1.04815E-06	1.627BE-04
610315.43	4205854.03	9504.29848	0.00017	0.12011	1.03847E-06	1.6799E-04
610322.43	4205854.03	9811.86083	0.00017	0.11900	1.02887E-06	1.733BE-04
610329.43	4205854.03	10130.24287	0.00018	0.11783	1.01876E-06	1.789GE-04
610336.43	4205854.03	10459.63715	0.00018	0.11667	1.00873E-06	1.8474E-04
610343.43	4205854.03	10800.28891	0.00019	0.11546	9.98267E-07	1.9071E-04
610350.43	4205854.03	11153.70627	0.00020	0.11422	9.87546E-07	1.9691E-04
610357.43	4205854.03	11519.51742	0.00020	0.11296	9.76652E-07	2.0333E-04
610364.43	4205854.03	11896.6666	0.00021	0.11168	9.65585E-07	2.0994E-04
610371.43	4205854.03	12286.44337	0.00022	0.11038	9.54345E-07	2.1677E-04
610378.43	4205854.03	12687.81423	0.00022	0.10906	9.42932E-07	2.2381E-04
610385.43	4205854.03	13101.95269	0.00023	0.10772	9.31347E-07	2.310BE-04
610392.43	4205854.03	13528.23379	0.00024	0.10637	9.19674E-07	2.3855E-04
610399.43	4205854.03	13966.07839	0.00025	0.10500	9.07828E-07	2.4623E-04
610406.43	4205854.03	14416.39333	0.00025	0.10361	8.95812E-07	2.5413E-04
610413.43	4205854.03	14877.71493	0.00026	0.10221	8.83707E-07	2.6222E-04
610420.43	4205854.03	15350.9208	0.00027	0.10080	8.71516E-07	2.705ZE-04
610427.43	4205854.03	15834.23404	0.00028	0.09936	8.59066E-07	2.790DE-04
610434.43	4205854.03	16328.24292	0.00029	0.09793	8.46702E-07	2.876GE-04
610441.43	4205854.03	16831.55357	0.00030	0.09648	8.34166E-07	2.964BE-04
610448.43	4205854.03	17342.60351	0.00030	0.09502	8.21542E-07	3.054EE-04
610455.43	4205854.03	17861.50555	0.00031	0.09355	8.08833E-07	3.145GE-04
610462.43	4205854.03	18385.49708	0.00032	0.09205	7.95864E-07	3.237SE-04
610469.43	4205854.03	18914.44551	0.00033	0.09055	7.82895E-07	3.330IE-04
610476.43	4205854.03	19445.12737	0.00034	0.08903	7.69753E-07	3.4234E-04
610483.43	4205854.03	19976.74407	0.00035	0.08751	7.56611E-07	3.516GE-04
610490.43	4205854.03	20505.66006	0.00036	0.08598	7.43383E-07	3.609AE-04
610504.43	4205854.03	21538.51604	0.00038	0.08287	7.16494E-07	3.790GE-04
610511.43	4205854.03	22039.83955	0.00039	0.08131	7.03006E-07	3.878IE-04
610518.43	4205854.03	22526.952	0.00040	0.07975	6.89518E-07	3.9639E-04
610525.43	4205854.03	22996.19788	0.00040	0.07819	6.76030E-07	4.046ZE-04
610532.43	4205854.03	23444.18413	0.00041	0.07664	6.62629E-07	4.124BE-04
610560.43	4205854.03	24931.672	0.00044	0.07046	6.09197E-07	4.385SE-04
610567.43	4205854.03	25210.0232	0.00044	0.06895	5.96141E-07	4.4343E-04
610595.43	4205854.03	25823.36202	0.00045	0.06302	5.44871E-07	4.5415E-04
610602.43	4205854.03	25831.94773	0.00045	0.06156	5.32247E-07	4.5429E-04
610609.43	4205854.03	25778.15116	0.00045	0.06012	5.19797E-07	4.5333E-04
610616.43	4205854.03	25658.2338	0.00045	0.05869	5.07433E-07	4.5121E-04
610623.43	4205854.03	25472.70452	0.00045	0.05728	4.95243E-07	4.4794E-04
610630.43	4205854.03	25219.30021	0.00044	0.05589	4.83225E-07	4.4348E-04
610637.43	4205854.03	24898.79871	0.00044	0.05452	4.71380E-07	4.378AE-04
610644.43	4205854.03	24510.52632	0.00043	0.05316	4.59621E-07	4.3100E-04
610651.43	4205854.03	24056.8734	0.00042	0.05183	4.48122E-07	4.2302E-04
610658.43	4205854.03	23541.24809	0.00041	0.05052	4.36796E-07	4.139GE-04
610665.43	4205854.03	22968.19245	0.00040	0.04923	4.25642E-07	4.038BE-04
610672.43	4205854.03	22339.83261	0.00039	0.04797	4.14748E-07	3.9283E-04
610679.43	4205854.03	21663.37729	0.00038	0.04673	4.04027E-07	3.8094E-04
610721.43	4205854.03	16874.25182	0.00030	0.03989	3.44889E-07	2.9675E-04
610728.43	4205854.03	16013.8864	0.00028	0.03886	3.35983E-07	2.8163E-04
610735.43	4205854.03	15154.51932	0.00027	0.03785	3.27251E-07	2.6653E-04
610742.43	4205854.03	14302.0046	0.00025	0.03688	3.18864E-07	2.5154E-04
610749.43	4205854.03	13461.95471	0.00024	0.03594	3.10737E-07	2.367BE-04
610756.43	4205854.03	12640.23961	0.00022	0.03503	3.02869E-07	2.223AE-04
610763.43	4205854.03	11841.79355	0.00021	0.03415	2.95261E-07	2.0831E-04
610770.43	4205854.03	11070.92087	0.00019	0.03330	2.87912E-07	1.947EE-04
610777.43	4205854.03	10331.14168	0.00018	0.03249	2.80908E-07	1.817SE-04
610784.43	4205854.03	9625.66211	0.00017	0.03170	2.74078E-07	1.693GE-04
610791.43	4205854.03	8957.05595	0.00016	0.03095	2.67594E-07	1.576OE-04
610798.43	4205854.03	8326.47998	0.00015	0.03023	2.61368E-07	1.4653E-04
610805.43	4205854.03	7734.9254	0.00014	0.02953	2.55316E-07	1.3612E-04
610812.43	4205854.03	7182.84979	0.00013	0.02886	2.49523E-07	1.264ZE-04
610819.43	4205854.03	6670.07254	0.00012	0.02822	2.43990E-07	1.1741E-04
610826.43	4205854.03	6195.8506	0.00011	0.02761	2.38716E-07	1.090TE-04
610833.43	4205854.03	5759.12304	0.00010	0.02702	2.33615E-07	1.014OE-04
610840.43	4205854.03	5358.34535	0.00009	0.02645	2.28687E-07	9.435EE-05
610847.43	4205854.03	4991.66378	0.00009	0.02591	2.24018E-07	8.790GE-05
610854.43	4205854.03	4657.14446	0.00008	0.02538	2.19435E-07	8.202OE-05
610861.43	4205854.03	4352.56003	0.00008	0.02488	2.15112E-07	7.667IE-05
610868.43	4205854.03	4075.75197	0.00007	0.02440	2.10962E-07	7.180SE-05
610875.43	4205854.03	3824.41216	0.00007	0.02394	2.06985E-07	6.738EE-05
610882.43	4205854.03	3596.42278	0.00006	0.02350	2.03181E-07	6.337FE-05
610889.43	4205854.03	3389.68415	0.00006	0.02307	1.99463E-07	5.974ZE-05
610910.43	4205854.03	2877.66273	0.00005	0.02188	1.89174E-07	5.073TE-05
610917.43	4205854.03	2737.31002	0.00005	0.02151	1.85975E-07	4.826IE-05
610924.43	4205854.03	2609.50185	0.00005	0.02115	1.82863E-07	4.602IE-05
610931.43	4205854.03	2493.05654	0.00004	0.02081	1.79923E-07	4.397ZE-05
610938.43	4205854.03	2386.67931	0.00004	0.02048	1.77070E-07	4.210IE-05
610945.43	4205854.03	2289.38394	0.00004	0.02015	1.74217E-07	4.038IE-05
610952.43	4205854.03	2200.15936	0.00004	0.01984	1.71537E-07	3.881IE-05
610959.43	4205854.03	2118.23171	0.00004	0.01954	1.68943E-07	3.737IE-05
610966.43	4205854.03	2042.72488	0.00004	0.01925	1.66435E-07	3.604BE-05
610973.43	4205854.03	1973.04504	0.00003	0.01896	1.63928E-07	3.482ZE-05
610980.43	4205854.03	1908.5874	0.00003	0.01869	1.61594E-07	3.368TE-05
610987.43	4205854.03	1848.80073	0.00003	0.01842	1.59259E-07	3.263SE-05
610994.43	4205854.03	1793.20169	0.00003	0.01816	1.57011E-07	3.165GE-05
611001.43	4205854.03	1741.39136	0.00003	0.01790	1.54763E-07	3.074HE-05
611008.43	4205854.03	1692.9663	0.00003	0.01765	1.52602E-07	2.989IE-05
611015.43	4205854.03	1647.6441	0.00003	0.01741	1.50527E-07	2.909SE-05
611022.43	4205854.03	1605.06305	0.00003	0.01718	1.48538E-07	2.834SE-05
611029.43	4205854.03	1565.03498	0.00003	0.01695	1.46550E-07	2.763BE-05
611036.43	4205854.03	1527.26907	0.00003	0.01672	1.44561E-07	2.697ZE-05
611043.43	4205854.03	1491.56105	0.00003	0.01650	1.42659E-07	2.634IE-05
611078.43	4205854.03	1338.35649	0.00002	0.01547	1.33754E-07	2.364JE-05
611085.43	4205854.03	1311.83708	0.00002	0.01528	1.32115E-07	2.317SE-05
610294.43	4205861.03	8683.22124	0.00015	0.12668	1.09527E-06	1.536ZE-04
610301.43	4205861.03	8965.72159	0.00016	0.12560	1.08594E-06	1.585BE-04
610308.43	4205861.03	9258.85704	0.00016	0.12448	1.07625E-06	1.637IE-04
610315.43	4205861.03	9563.06597	0.00017	0.12336	1.06657E-06	1.690SE-04
610322.43	4205861.03	9878.07557	0.00017	0.12220	1.05654E-06	1.745TE-04
610329.43	4205861.03	10204.56651	0.00018	0.12100	1.04617E-06	1.803IE-04
610336.43	4205861.03	10543.21746	0.00019	0.11982	1.03596E-06	1.862AE-04
610343.43	4205861.03	10893.55056	0.00019	0.11857	1.02516E-06	1.923BE-04
610350.43	4205861.03	11258.08301	0.00020	0.11731	1.01426E-06	1.987JE-04
610357.43	4205861.03	11635.80482	0.00020	0.11602	1.00311E-06	2.053GE-04
610364.43	4205861.03	12026.04863	0.00021	0.11471	9.91782E-07	2.122AE-04
610371.43	4205861.03	12430.0091	0.00022	0.11339	9.80369E-07	2.193ZE-04
610378.43	4205861.03	12847.34061	0.00023	0.11204	9.68697E-07	2.266AE-04
610385.43	4205861.03	13277.66292	0.00023	0.11067	9.56852E-07	2.341GE-04
610392.43	4205861.03	13722.08602	0.00024	0.10928	9.44834E-07	2.419BE-04
610399.43	4205861.03	14179.52485	0.00025	0.10787	9.32643E-07	2.5001E-04
610406.43	4205861.03	14651.05093	0.00026	0.10645	9.20366E-07	2.582BE-04
610413.43	4205861.03	15135.26548	0.00027	0.10501	9.07916E-07	2.667IE-04

610420.43	4205861.03	15633.20677	0.00027	0.10356	8.95379E-07	2.7550E-04
610427.43	4205861.03	16143.76686	0.00028	0.10210	8.82756E-07	2.8446E-04
610434.43	4205861.03	16665.79816	0.00029	0.10061	8.69874E-07	2.9362E-04
610441.43	4205861.03	17199.91924	0.00030	0.09912	8.56991E-07	3.0299E-04
610448.43	4205861.03	17743.82885	0.00031	0.09762	8.44022E-07	3.1253E-04
610455.43	4205861.03	18297.90655	0.00032	0.09611	8.30967E-07	3.2225E-04
610462.43	4205861.03	18859.4653	0.00033	0.09457	8.17652E-07	3.3210E-04
610469.43	4205861.03	19428.40749	0.00034	0.09302	8.04250E-07	3.4208E-04
610476.43	4205861.03	20002.01014	0.00035	0.09146	7.90763E-07	3.5214E-04
610483.43	4205861.03	20577.70425	0.00036	0.08989	7.77188E-07	3.6224E-04
610490.43	4205861.03	21153.66666	0.00037	0.08831	7.63528E-07	3.7234E-04
610504.43	4205861.03	22287.49954	0.00039	0.08510	7.35774E-07	3.9223E-04
610511.43	4205861.03	22842.67282	0.00040	0.08349	7.21854E-07	4.0197E-04
610518.43	4205861.03	23385.29389	0.00041	0.08188	7.07934E-07	4.1149E-04
610525.43	4205861.03	23911.21208	0.00042	0.08027	6.94014E-07	4.2071E-04
610532.43	4205861.03	24416.16003	0.00043	0.07866	6.80094E-07	4.2957E-04
610595.43	4205861.03	27250.62122	0.00048	0.06457	5.58272E-07	4.7924E-04
610602.43	4205861.03	27290.72463	0.00048	0.06307	5.45303E-07	4.7993E-04
610609.43	4205861.03	27260.22008	0.00048	0.06157	5.32334E-07	4.7938E-04
610616.43	4205861.03	27158.23329	0.00048	0.06010	5.19624E-07	4.7757E-04
610623.43	4205861.03	26981.51663	0.00047	0.05864	5.07001E-07	4.7446E-04
610630.43	4205861.03	26730.6777	0.00047	0.05720	4.94551E-07	4.7004E-04
610637.43	4205861.03	26403.80839	0.00046	0.05578	4.82274E-07	4.6428E-04
610644.43	4205861.03	25999.10559	0.00046	0.05438	4.70169E-07	4.5716E-04
610651.43	4205861.03	25522.87079	0.00045	0.05300	4.58238E-07	4.4879E-04
610658.43	4205861.03	24976.7077	0.00044	0.05164	4.46479E-07	4.3918E-04
610665.43	4205861.03	24363.55736	0.00043	0.05031	4.34808E-07	4.2846E-04
610672.43	4205861.03	23690.37836	0.00042	0.04900	4.23654E-07	4.1656E-04
610980.43	4205861.03	1965.50625	0.00003	0.01896	1.63928E-07	3.4689E-05
610987.43	4205861.03	1904.8742	0.00003	0.01869	1.61594E-07	3.3622E-05
610994.43	4205861.03	1848.45985	0.00003	0.01842	1.59259E-07	3.2629E-05
611001.43	4205861.03	1795.83605	0.00003	0.01816	1.57011E-07	3.1702E-05
611008.43	4205861.03	1746.64446	0.00003	0.01791	1.54858E-07	3.0836E-05
611015.43	4205861.03	1700.53568	0.00003	0.01766	1.52688E-07	3.0024E-05
611022.43	4205861.03	1657.20859	0.00003	0.01742	1.50613E-07	2.9261E-05
611071.43	4205861.03	1413.06922	0.00002	0.01588	1.37298E-07	2.4959E-05
611078.43	4205861.03	1384.62645	0.00002	0.01568	1.35569E-07	2.4458E-05
611085.43	4205861.03	1357.40514	0.00002	0.01548	1.33840E-07	2.3978E-05
611092.43	4205861.03	1331.32694	0.00002	0.01529	1.32197E-07	2.3518E-05
610294.43	4205868.03	8718.04023	0.00015	0.13014	1.12519E-06	1.5426E-04
610301.43	4205868.03	9006.46382	0.00016	0.12903	1.11559E-06	1.5932E-04
610308.43	4205868.03	9305.44261	0.00016	0.12789	1.10574E-06	1.6456E-04
610315.43	4205868.03	9616.31316	0.00017	0.12675	1.09588E-06	1.7001E-04
610322.43	4205868.03	9938.52919	0.00017	0.12555	1.08550E-06	1.7566E-04
610329.43	4205868.03	10273.2933	0.00018	0.12433	1.07496E-06	1.8153E-04
610336.43	4205868.03	10620.19754	0.00019	0.12308	1.06415E-06	1.8762E-04
610343.43	4205868.03	10980.3786	0.00019	0.12182	1.05326E-06	1.9393E-04
610350.43	4205868.03	11355.81121	0.00020	0.12052	1.04202E-06	2.0052E-04
610357.43	4205868.03	11745.40192	0.00021	0.11921	1.03069E-06	2.0735E-04
610364.43	4205868.03	12149.13674	0.00021	0.11788	1.01919E-06	2.1443E-04
610371.43	4205868.03	12566.63557	0.00022	0.11651	1.00734E-06	2.2175E-04
610378.43	4205868.03	12999.37761	0.00023	0.11514	9.95500E-07	2.2934E-04
610385.43	4205868.03	13446.37737	0.00024	0.11373	9.83309E-07	2.3718E-04
610392.43	4205868.03	13909.04209	0.00024	0.11231	9.71032E-07	2.4529E-04
610399.43	4205868.03	14386.19763	0.00025	0.11087	9.58581E-07	2.5366E-04
610406.43	4205868.03	14879.17324	0.00026	0.10941	9.45958E-07	2.6231E-04
610413.43	4205868.03	15387.28953	0.00027	0.10794	9.33249E-07	2.7122E-04
610420.43	4205868.03	15909.69983	0.00028	0.10644	9.20280E-07	2.8039E-04
610427.43	4205868.03	16447.54432	0.00029	0.10494	9.07311E-07	2.8982E-04
610434.43	4205868.03	16998.95731	0.00030	0.10341	8.94082E-07	2.9949E-04
610441.43	4205868.03	17564.69549	0.00031	0.10188	8.80854E-07	3.0942E-04
610448.43	4205868.03	18142.79336	0.00032	0.10033	8.67453E-07	3.1956E-04
610455.43	4205868.03	18733.49404	0.00033	0.09878	8.54051E-07	3.2992E-04
610462.43	4205868.03	19335.06169	0.00034	0.09719	8.40304E-07	3.4047E-04
610469.43	4205868.03	19945.08422	0.00035	0.09559	8.26471E-07	3.5118E-04
610476.43	4205868.03	20563.56121	0.00036	0.09398	8.12551E-07	3.6203E-04
610483.43	4205868.03	21186.68059	0.00037	0.09236	7.98544E-07	3.7296E-04
610490.43	4205868.03	21812.90331	0.00038	0.09073	7.84451E-07	3.8394E-04
610504.43	4205868.03	23056.46168	0.00041	0.08742	7.55833E-07	4.0578E-04
610511.43	4205868.03	23669.5025	0.00042	0.08576	7.41481E-07	4.1651E-04
610518.43	4205868.03	24272.72668	0.00043	0.08410	7.27128E-07	4.2716E-04
610525.43	4205868.03	24861.24497	0.00044	0.08244	7.12776E-07	4.3742E-04
610532.43	4205868.03	25429.2976	0.00045	0.08078	6.98423E-07	4.4738E-04
610595.43	4205868.03	28788.74001	0.00051	0.06620	5.72365E-07	5.0627E-04
610602.43	4205868.03	28866.36606	0.00051	0.06463	5.58791E-07	5.0762E-04
610609.43	4205868.03	28866.10791	0.00051	0.06309	5.45476E-07	5.0760E-04
610616.43	4205868.03	28786.5356	0.00051	0.06156	5.32247E-07	5.0619E-04
610623.43	4205868.03	28623.68	0.00050	0.06005	5.19192E-07	5.0332E-04
610630.43	4205868.03	28376.67558	0.00050	0.05856	5.06309E-07	4.9896E-04
610637.43	4205868.03	28045.50035	0.00049	0.05709	4.93600E-07	4.9313E-04
610644.43	4205868.03	27626.96795	0.00049	0.05564	4.81063E-07	4.8577E-04
610651.43	4205868.03	27126.51109	0.00048	0.05421	4.68699E-07	4.7697E-04
610658.43	4205868.03	26546.96879	0.00047	0.05281	4.56595E-07	4.6677E-04
610665.43	4205868.03	25892.92879	0.00045	0.05143	4.44664E-07	4.5527E-04
610693.43	4205868.03	22653.2187	0.00040	0.04620	3.99445E-07	3.9832E-04
610700.43	4205868.03	21723.51425	0.00038	0.04497	3.88810E-07	3.8198E-04
610707.43	4205868.03	20755.67925	0.00036	0.04377	3.78435E-07	3.6497E-04
611057.43	4205868.03	1526.67715	0.00003	0.01652	1.42832E-07	2.6960E-05
611064.43	4205868.03	1494.65328	0.00003	0.01631	1.40016E-07	2.6394E-05
611071.43	4205868.03	1464.07003	0.00003	0.01610	1.39201E-07	2.5857E-05
611078.43	4205868.03	1434.84977	0.00003	0.01589	1.37385E-07	2.5342E-05
611085.43	4205868.03	1406.8678	0.00002	0.01569	1.35656E-07	2.4848E-05
611092.43	4205868.03	1380.02923	0.00002	0.01549	1.33926E-07	2.4375E-05
610294.43	4205875.03	8747.81655	0.00015	0.13373	1.15623E-06	1.5482E-04
610301.43	4205875.03	9041.44066	0.00016	0.13259	1.14637E-06	1.5997E-04
610308.43	4205875.03	9346.62501	0.00016	0.13143	1.13634E-06	1.6532E-04
610315.43	4205875.03	9663.76808	0.00017	0.13024	1.12605E-06	1.7088E-04
610322.43	4205875.03	9992.9967	0.00018	0.12901	1.11542E-06	1.7665E-04
610329.43	4205875.03	10335.37301	0.00018	0.12776	1.10461E-06	1.8265E-04
610336.43	4205875.03	10691.0948	0.00019	0.12649	1.09363E-06	1.8889E-04
610343.43	4205875.03	11060.55103	0.00019	0.12519	1.08239E-06	1.9537E-04
610350.43	4205875.03	11447.05347	0.00020	0.12388	1.07107E-06	2.0215E-04
610357.43	4205875.03	11847.90148	0.00021	0.12253	1.05939E-06	2.0918E-04
610364.43	4205875.03	12264.35121	0.00022	0.12117	1.04764E-06	2.1648E-04
610371.43	4205875.03	12695.8515	0.00022	0.11977	1.03553E-06	2.2405E-04
610378.43	4205875.03	13143.80869	0.00023	0.11836	1.02334E-06	2.3190E-04
610385.43	4205875.03	13607.47638	0.00024	0.11692	1.01089E-06	2.4004E-04
610392.43	4205875.03	14088.25444	0.00025	0.11547	9.98353E-07	2.4847E-04
610399.43	4205875.03	14585.87116	0.00026	0.11399	9.85557E-07	2.5720E-04
610406.43	4205875.03	15099.81491	0.00027	0.11249	9.72588E-07	2.6621E-04
610413.43	4205875.03	15631.39037	0.00027	0.11098	9.59533E-07	2.7554E-04
610420.43	4205875.03	16179.36469	0.00028	0.10944	9.46218E-07	2.8515E-04
610427.43	4205875.03	16744.84408	0.00029	0.10790	9.32903E-07	2.9507E-04
610434.43	4205875.03	17326.29909	0.00030	0.10633	9.19329E-07	3.0527E-04
610441.43	4205875.03	17924.68246	0.00031	0.10476	9.05754E-07	3.1577E-04
610448.43	4205875.03	18538.57641	0.00033	0.10317	8.92007E-07	3.2654E-04
610455.43	4205875.03	19166.56553	0.00034	0.10156	8.78087E-07	3.3755E-04
610462.43	4205875.03	19808.91958	0.00035	0.09993	8.63994E-07	3.4882E-04
610469.43	4205875.03	20462.96887	0.00036	0.09828	8.49728E-07	3.6036E-04
610476.43	4205875.03	21128.45093	0.00037	0.09662	8.35376E-07	3.7197E-04
610483.43	4205875.03	21801.79509	0.00038	0.09494	8.20851E-07	3.8379E-04
610490.43	4205875.03	22482.38011	0.00039	0.09327	8.06412E-07	3.9578E-04
610504.43	4205875.03	23842.18137	0.00042	0.08985	7.76843E-07	4.1958E-04
610511.43	4205875.03	24519.50997	0.00043	0.08814	7.62058E-07	4.3147E-04
610518.43	4205875.03	25188.33867	0.00044	0.08642	7.47187E-07	4.4320E-04
610525.43	4205875.03	25845.72169	0.00045	0.08471	7.32402E-07	4.5473E-04
610532.43	4205875.03	26484.6692	0.00047	0.08299	7.17531E-07	4.6594E-04
610539.43	4205875.03	27100.52801	0.00048	0.08128	7.02746E-07	4.7674E-04
610560.43	4205875.03	28748.44928	0.00050	0.07618	6.58652E-07	5.0565E-04
610567.43	4205875.03	29211.4047	0.00051	0.07450	6.44127E-07	5.1376E-04
610574.43	4205875.03	29619.70679	0.00052	0.07283	6.29688E-07	5.2092E-04
610581.43	4205875.03	29966.54912	0.00053	0.07117	6.15335E-07	5.2700E-04
610595.43	4205875.03	30447.26724	0.00053	0.06789	5.86977E-07	5.3542E-04
610602.43	4205875.03	30569.75068	0.00054	0.06627	5.72970E-07	5.3755E-04
610609.43	4205875.03	30607.96196	0.00054	0.06467	5.59137E-07	5.3821E-04
610616.43	4205875.03	30556.24084	0.00054	0.06308	5.45389E-07	5.3729E-04
610623.43	4205875.03	30413.37733	0.00053	0.06152	5.31902E-07	5.3477E-04
610630.43	4205875.03	30175.46552	0.00053	0.05997	5.18500E-07	5.3057E-04
610637.43	4205875.03	29842.75649	0.00052	0.05845	5.05358E-07	5.2472E-04
610644.43	4205875.03	29410.56109	0.00052	0.05695	4.92388E-07	5.1711E-04
610651.43	4205875.03	28885.66116	0.00051	0.05547	4.79593E-07	5.0788E-04
610658.43	4205875.03	28270.93726	0.00050	0.05402	4.67057E-07	4.9707E-04
610679.43	4205875.03	25945.56906	0.00046	0.04983	4.30830E-07	4.5618E-04
610686.43	4205875.03	25035.15675	0.00044	0.04849	4.19244E-07	4.4018E-04
610693.43	4205875.03	24069.47179	0.00042	0.04719	4.08005E-07	4.2321E-04
610700.43	4205875.03	23055.71658	0.00040	0.04592	3.97024E-07	4.0539E-04
610707.43	4205875.03	22003.45077	0.00039	0.04468	3.86303E-07	3.8689E-04
610714.43	4205875.03	20926.39526	0.00037	0.04347	3.75841E-07	3.6796E-04
610721.43	4205875.03	19834.55381	0.00035	0.04231	3.65812E-07	3.4877E-04
610728.43	4205875.03	18737.67761	0.00033	0.04117	3.55956E-07	3.2950E-04
610735.43	4205875.03	17645.03338	0.00031	0.04008	3.46531E-07	3.1029E-04
610742.43	4205875.03	16565.09356	0.00029	0.03901	3.37280E-07	2.9132E-04
610749.43	4205875.03	15505.56294	0.00027	0.03799	3.28461E-07	2.7270E-04
610756.43	4205875.03	14474.89223	0.00025	0.03700	3.19902E-07	2.5458E-04
610763.43	4205875.03	13479.41587	0.00024	0.03605	3.11688E-07	2.3709E-04
610770.43	4205875.03	12525.12457	0.00022	0.03513	3.03734E-07	2.2032E-04
610777.43	4205875.03	11616.47127	0.00020	0.03425	2.96125E-07	2.0435E-04
610784.43	4205875.03	10757.31312	0.00019	0.03340	2.88776E-07	1.8925E-04
610791.43	4205875.03	9950.66848	0.00017	0.03259	2.81773E-07	1.7507E-04
610798.43	4205875.03	9197.2832	0.00016	0.03181	2.75029E-07	1.6183E-04
610805.43	4205875.03	8497.7522	0.00015	0.03106	2.68545E-07	1.4954E-04
610812.43	4205875.03	7851.99752	0.00014	0.03035	2.62406E-07	1.3819E-04
610819.43	4205875.03	7258.67201	0.00013	0.02966	2.56440E-07	1.2778E-04
610826.43	4205875.03	6715.98614	0.00012	0.02900	2.50734E-07	1.1822E-04
610833.43	4205875.03	6221.64972	0.00011	0.02837	2.45287E-07	1.0953E-04
610840.43	4205875.03	5772.8457	0.00010	0.02777	2.40099E-07	1.0164E-04
610847.43	4205875.03	5366.47697	0.00009	0.02719	2.35085E-07	9.4501E-05
610854.43	4205875.03	4999.31903	0.00009	0.02663	2.30243E-07	8.8047E-05
610861.43	4205875.03	4668.11172	0.00008	0.02610	2.25606E-07	8.2224E-05
610868.43	4205875.03	4369.54638	0.00008	0.02559	2.21251E-07	7.6976E-05
611029.43	4205875.03	1733.32374	0.00003	0.01768	1.52861E-07	3.0604E-05
611036.43	4205875.03	1693.01109	0.00003	0.01744	1.50786E-07	2.9890E-05
611043.43	4205875.03	1654.81841	0.00003	0.01721	1.48798E-07	2.9217E-05
611050.43	4205875.03	1618.52952	0.00003	0.01698	1.46809E-07	2.8577E-05
611057.43	4205875.03	1583.98464	0.00003	0.01675	1.44820E-07	2.7969E-05
611064.43	4205875.03	1551.05815	0.00003	0.01654	1.43005E-07	2.7388E-05
611071.43	4205875.03	1519.59499	0.00003	0.01632	1.41103E-07	2.6834E-05
611078.43	4205875.03	1489.49621	0.00003	0.01611	1.39287E-07	2.6303E-05
611085.43	4205875.03	1460.64542	0.00003	0.01591	1.37558E-07	2.5795E-05
611092.43	4205875.03	1432.9606	0.00003	0.01571	1.35829E-07	2.5307E-05
610294.43	4205882.03	8772.54247	0.00015	0.13749	1.18874E-06	1.5528E-04
610301.43	4205882.03	9071.06262	0.00016	0.13630	1.17845E-06	1.6052E-04
610308.43	4205882.03	9381.69687	0.00016	0.13511	1.16816E-06	1.6596E-04
610315.43	4205882.03	9704.9123	0.00017	0.13389	1.15761E-06	1.7163E-04
610322.43	4205882.03	10041.56602	0.00018	0.13264	1.14680E-06	1.7753E-04
610329.43	4205882.03	10391.38886	0.00018	0.13137	1.13582E-06	1.8367E-04
610336.43	4205882.03	10755.22456	0.00019	0.13004	1.12433E-06	1.9005E-04
610343.43	4205882.03	11133.60793	0.00020	0.12870	1.11274E-06	1.9668E-04
610350.43	4205882.03	11530.58729	0.00020	0.12736	1.10115E-06	2.0364E-04
610357.43	4205882.03	11942.77056	0.00021	0.12599	1.08931E-06	2.1087E-04
610364.43	4205882.03	12371.76801	0.00022	0.12459	1.07720E-06	2.1840E-04
610371.43	4205882.03	12817.04874	0.00023	0.12317	1.06493E-06	2.2621E-04
610378.43	4205882.03	13280.05273	0.00023	0.12172	1.05239E-06	2.3433E-04
610385.43	4205882.03	13760.85208	0.00024	0.12025	1.03968E-06	2.4276E-04
610392.43	4205882.03	14259.07041	0.00025	0.11876	1.02680E-06	2.5150E-04
610399.43	4205882.03	14776.50129	0.00026	0.11725	1.01374E-06	2.6057E-04

610406.43	4205882.03	15311.97892	0.00027	0.11571	1.00043E-06	2.6997E-04
610413.43	4205882.03	15867.19469	0.00028	0.11415	9.86940E-07	2.7971E-04
610420.43	4205882.03	16440.89935	0.00029	0.11258	9.73366E-07	2.8977E-04
610427.43	4205882.03	17034.52624	0.00030	0.11099	9.59619E-07	3.0018E-04
610434.43	4205882.03	17647.20376	0.00031	0.10938	9.45699E-07	3.1093E-04
610441.43	4205882.03	18278.09496	0.00032	0.10776	9.31692E-07	3.2202E-04
610448.43	4205882.03	18928.16475	0.00033	0.10612	9.17513E-07	3.3346E-04
610455.43	4205882.03	19595.23341	0.00034	0.10447	9.03247E-07	3.4511E-04
610462.43	4205882.03	20280.02861	0.00036	0.10278	8.88635E-07	3.5712E-04
610469.43	4205882.03	20979.79806	0.00037	0.10108	8.73937E-07	3.6940E-04
610476.43	4205882.03	21694.57125	0.00038	0.09937	8.59153E-07	3.8194E-04
610483.43	4205882.03	22420.97298	0.00039	0.09764	8.44195E-07	3.9469E-04
610490.43	4205882.03	23158.23086	0.00041	0.09591	8.29237E-07	4.0762E-04
610504.43	4205882.03	24644.32068	0.00043	0.09238	7.98717E-07	4.3369E-04
610511.43	4205882.03	25385.59931	0.00045	0.09062	7.83500E-07	4.4677E-04
610518.43	4205882.03	26130.76228	0.00046	0.08884	7.68110E-07	4.5977E-04
610525.43	4205882.03	26862.67304	0.00047	0.08707	7.52807E-07	4.7262E-04
610532.43	4205882.03	27580.04723	0.00048	0.08530	7.37503E-07	4.8526E-04
610539.43	4205882.03	28276.52034	0.00050	0.08353	7.22200E-07	4.9742E-04
610553.43	4205882.03	29579.64809	0.00052	0.08000	6.91680E-07	5.2028E-04
610560.43	4205882.03	30171.51216	0.00053	0.07824	6.76463E-07	5.3066E-04
610567.43	4205882.03	30716.13241	0.00054	0.07650	6.61419E-07	5.4021E-04
610574.43	4205882.03	31202.54074	0.00055	0.07477	6.46461E-07	5.4874E-04
610581.43	4205882.03	31624.00957	0.00056	0.07305	6.31590E-07	5.5613E-04
610588.43	4205882.03	31970.87375	0.00056	0.07134	6.16805E-07	5.6221E-04
610595.43	4205882.03	32237.47103	0.00057	0.06965	6.02194E-07	5.6688E-04
610602.43	4205882.03	32415.49362	0.00057	0.06797	5.87668E-07	5.6999E-04
610609.43	4205882.03	32500.341	0.00057	0.06631	5.73316E-07	5.7147E-04
610616.43	4205882.03	32485.33127	0.00057	0.06467	5.59137E-07	5.7119E-04
610623.43	4205882.03	32367.42607	0.00057	0.06305	5.45130E-07	5.6910E-04
610630.43	4205882.03	32144.67754	0.00056	0.06145	5.31296E-07	5.6518E-04
610637.43	4205882.03	31812.90846	0.00056	0.05987	5.17636E-07	5.5933E-04
610644.43	4205882.03	31370.04141	0.00055	0.05831	5.04148E-07	5.5154E-04
610651.43	4205882.03	30820.48171	0.00054	0.05678	4.90920E-07	5.4188E-04
610672.43	4205882.03	28585.81624	0.00050	0.05236	4.52704E-07	5.0258E-04
610679.43	4205882.03	27666.80245	0.00049	0.05094	4.40427E-07	4.8643E-04
610686.43	4205882.03	26678.04923	0.00047	0.04956	4.28496E-07	4.6905E-04
610693.43	4205882.03	25628.70919	0.00045	0.04821	4.16823E-07	4.5060E-04
610700.43	4205882.03	24520.98609	0.00043	0.04689	4.05411E-07	4.3113E-04
610707.43	4205882.03	23374.18566	0.00041	0.04561	3.94344E-07	4.1098E-04
610714.43	4205882.03	22200.14067	0.00039	0.04437	3.83623E-07	3.9035E-04
610721.43	4205882.03	21010.03015	0.00037	0.04317	3.73248E-07	3.6943E-04
610728.43	4205882.03	19815.16273	0.00035	0.04200	3.63132E-07	3.4843E-04
610735.43	4205882.03	18626.06337	0.00033	0.04087	3.53362E-07	3.2753E-04
610742.43	4205882.03	17452.04987	0.00031	0.03977	3.43851E-07	3.0690E-04
610749.43	4205882.03	16302.05605	0.00029	0.03872	3.34773E-07	2.8669E-04
610756.43	4205882.03	15185.54105	0.00027	0.03770	3.25954E-07	2.6707E-04
610763.43	4205882.03	14109.6234	0.00025	0.03672	3.17481E-07	2.4816E-04
610770.43	4205882.03	13080.79552	0.00023	0.03578	3.09354E-07	2.3008E-04
610777.43	4205882.03	12104.18507	0.00021	0.03487	3.01486E-07	2.1292E-04
610784.43	4205882.03	11183.72764	0.00020	0.03401	2.94050E-07	1.9674E-04
610791.43	4205882.03	10322.59788	0.00018	0.03317	2.86788E-07	1.8161E-04
610798.43	4205882.03	9521.30502	0.00017	0.03237	2.79871E-07	1.6753E-04
610805.43	4205882.03	8780.25884	0.00015	0.03161	2.73300E-07	1.5450E-04
610812.43	4205882.03	8098.9439	0.00014	0.03087	2.66902E-07	1.4253E-04
610819.43	4205882.03	7475.5407	0.00013	0.03017	2.60850E-07	1.3157E-04
610826.43	4205882.03	6907.6914	0.00012	0.02950	2.55057E-07	1.2159E-04
610833.43	4205882.03	6392.51937	0.00011	0.02885	2.49437E-07	1.1254E-04
610840.43	4205882.03	5926.7037	0.00010	0.02824	2.44163E-07	1.0435E-04
610847.43	4205882.03	5506.44489	0.00010	0.02764	2.38975E-07	9.6964E-05
610854.43	4205882.03	5128.0758	0.00009	0.02708	2.34134E-07	9.0313E-05
610861.43	4205882.03	4787.79432	0.00008	0.02653	2.29378E-07	8.4330E-05
610868.43	4205882.03	4481.97001	0.00008	0.02601	2.24882E-07	7.8954E-05
610875.43	4205882.03	4207.04999	0.00007	0.02551	2.20559E-07	7.4120E-05
610882.43	4205882.03	3959.87792	0.00007	0.02503	2.16409E-07	6.9775E-05
610889.43	4205882.03	3737.41538	0.00007	0.02456	2.12346E-07	6.5863E-05
610910.43	4205882.03	3192.33873	0.00006	0.02328	2.01279E-07	5.6277E-05
610917.43	4205882.03	3044.07834	0.00005	0.02288	1.97820E-07	5.3669E-05
610924.43	4205882.03	2909.38521	0.00005	0.02249	1.94448E-07	5.1300E-05
610931.43	4205882.03	2786.80602	0.00005	0.02212	1.91249E-07	4.9144E-05
610938.43	4205882.03	2674.92134	0.00005	0.02176	1.88137E-07	4.7175E-05
610945.43	4205882.03	2572.50159	0.00005	0.02141	1.85111E-07	4.5373E-05
610952.43	4205882.03	2478.54511	0.00004	0.02108	1.82258E-07	4.3720E-05
610959.43	4205882.03	2392.05239	0.00004	0.02075	1.79404E-07	4.2198E-05
610966.43	4205882.03	2312.29018	0.00004	0.02043	1.76638E-07	4.0794E-05
610973.43	4205882.03	2238.48096	0.00004	0.02012	1.73957E-07	3.9495E-05
611001.43	4205882.03	1991.2086	0.00003	0.01897	1.64015E-07	3.5141E-05
611008.43	4205882.03	1939.05411	0.00003	0.01871	1.61767E-07	3.4223E-05
611015.43	4205882.03	1890.01201	0.00003	0.01844	1.59432E-07	3.3359E-05
611022.43	4205882.03	1843.81634	0.00003	0.01819	1.57271E-07	3.2546E-05
611029.43	4205882.03	1800.12591	0.00003	0.01794	1.55109E-07	3.1776E-05
611036.43	4205882.03	1758.77679	0.00003	0.01769	1.52948E-07	3.1047E-05
611043.43	4205882.03	1719.53928	0.00003	0.01745	1.50873E-07	3.0356E-05
611050.43	4205882.03	1682.20366	0.00003	0.01722	1.48884E-07	2.9698E-05
611057.43	4205882.03	1646.64439	0.00003	0.01699	1.46895E-07	2.9071E-05
611064.43	4205882.03	1612.67216	0.00003	0.01677	1.44993E-07	2.8473E-05
611071.43	4205882.03	1580.1813	0.00003	0.01655	1.43091E-07	2.7900E-05
611078.43	4205882.03	1549.1122	0.00003	0.01634	1.41276E-07	2.7353E-05
611085.43	4205882.03	1519.26694	0.00003	0.01613	1.39460E-07	2.6826E-05
611092.43	4205882.03	1490.60536	0.00003	0.01592	1.37644E-07	2.6321E-05
610294.43	4205889.03	8791.95259	0.00015	0.14137	1.22228E-06	1.5566E-04
610301.43	4205889.03	9095.54957	0.00016	0.14019	1.21208E-06	1.6098E-04
610308.43	4205889.03	9411.34391	0.00017	0.13894	1.20127E-06	1.6652E-04
610315.43	4205889.03	9740.33395	0.00017	0.13769	1.19047E-06	1.7229E-04
610322.43	4205889.03	10083.39644	0.00018	0.13639	1.17923E-06	1.7830E-04
610329.43	4205889.03	10440.22239	0.00018	0.13508	1.16790E-06	1.8456E-04
610336.43	4205889.03	10812.36894	0.00019	0.13375	1.15640E-06	1.9108E-04
610343.43	4205889.03	11199.32326	0.00020	0.13236	1.14438E-06	1.9787E-04
610350.43	4205889.03	11606.38125	0.00020	0.13099	1.13254E-06	2.0501E-04
610357.43	4205889.03	12029.73055	0.00021	0.12959	1.12043E-06	2.1243E-04
610364.43	4205889.03	12470.99529	0.00022	0.12816	1.10807E-06	2.2017E-04
610371.43	4205889.03	12930.26011	0.00023	0.12671	1.09553E-06	2.2823E-04
610378.43	4205889.03	13407.55963	0.00024	0.12523	1.08274E-06	2.3660E-04
610385.43	4205889.03	13904.61619	0.00024	0.12372	1.06968E-06	2.4531E-04
610392.43	4205889.03	14420.80607	0.00025	0.12219	1.05645E-06	2.5437E-04
610399.43	4205889.03	14957.78683	0.00026	0.12064	1.04305E-06	2.6379E-04
610406.43	4205889.03	15514.81637	0.00027	0.11906	1.02939E-06	2.7356E-04
610413.43	4205889.03	16093.65828	0.00028	0.11747	1.01565E-06	2.8371E-04
610420.43	4205889.03	16693.93357	0.00029	0.11585	1.00164E-06	2.9424E-04
610427.43	4205889.03	17315.12298	0.00030	0.11421	9.87458E-07	3.0514E-04
610434.43	4205889.03	17958.85256	0.00032	0.11256	9.73193E-07	3.1643E-04
610441.43	4205889.03	18623.43066	0.00033	0.11089	9.58754E-07	3.2809E-04
610448.43	4205889.03	19310.4931	0.00034	0.10921	9.44229E-07	3.4015E-04
610455.43	4205889.03	20017.67354	0.00035	0.10750	9.29444E-07	3.5255E-04
610462.43	4205889.03	20746.3162	0.00036	0.10577	9.14487E-07	3.6534E-04
610469.43	4205889.03	21493.4152	0.00038	0.10401	8.99270E-07	3.7845E-04
610476.43	4205889.03	22259.74573	0.00039	0.10225	8.84053E-07	3.9189E-04
610483.43	4205889.03	23042.53967	0.00040	0.10047	8.68663E-07	4.0563E-04
610490.43	4205889.03	23838.92061	0.00042	0.09867	8.53100E-07	4.1960E-04
610504.43	4205889.03	25459.78938	0.00045	0.09504	8.21715E-07	4.4804E-04
610511.43	4205889.03	26278.19477	0.00046	0.09321	8.05893E-07	4.6240E-04
610518.43	4205889.03	27097.75762	0.00048	0.09138	7.90071E-07	4.7678E-04
610525.43	4205889.03	27912.46578	0.00049	0.08954	7.74162E-07	4.9108E-04
610532.43	4205889.03	28716.13443	0.00050	0.08771	7.58340E-07	5.0518E-04
610539.43	4205889.03	29502.30967	0.00052	0.08588	7.42518E-07	5.1897E-04
610553.43	4205889.03	30990.2958	0.00054	0.08222	7.10874E-07	5.4508E-04
610560.43	4205889.03	31676.60484	0.00056	0.08041	6.95224E-07	5.5712E-04
610567.43	4205889.03	32313.18908	0.00057	0.07860	6.79575E-07	5.6828E-04
610574.43	4205889.03	32891.49715	0.00058	0.07680	6.64012E-07	5.7843E-04
610581.43	4205889.03	33399.38436	0.00059	0.07502	6.48623E-07	5.8733E-04
610588.43	4205889.03	33826.40316	0.00059	0.07324	6.33233E-07	5.9487E-04
610595.43	4205889.03	34170.9073	0.00060	0.07149	6.18102E-07	6.0086E-04
610602.43	4205889.03	34417.12166	0.00060	0.06975	6.03058E-07	6.0517E-04
610609.43	4205889.03	34558.81213	0.00061	0.06802	5.88103E-07	6.0764E-04
610616.43	4205889.03	34591.32364	0.00061	0.06632	5.73402E-07	6.0820E-04
610623.43	4205889.03	34507.50217	0.00061	0.06464	5.58877E-07	6.0671E-04
610630.43	4205889.03	34305.60694	0.00060	0.06298	5.44525E-07	6.0315E-04
610637.43	4205889.03	33980.68651	0.00060	0.06135	5.30432E-07	5.9743E-04
610644.43	4205889.03	33527.44288	0.00059	0.05973	5.16425E-07	5.8945E-04
610665.43	4205889.03	31467.19726	0.00055	0.05506	4.76048E-07	5.5322E-04
610672.43	4205889.03	30565.88713	0.00054	0.05356	4.63079E-07	5.3738E-04
610679.43	4205889.03	29571.77896	0.00052	0.05210	4.50456E-07	5.1990E-04
610686.43	4205889.03	28494.23498	0.00050	0.05066	4.38006E-07	5.0096E-04
610693.43	4205889.03	27347.03878	0.00048	0.04927	4.25988E-07	4.8080E-04
610700.43	4205889.03	26138.30836	0.00046	0.04791	4.14230E-07	4.5955E-04
610707.43	4205889.03	24885.63586	0.00044	0.04659	4.02817E-07	4.3754E-04
610714.43	4205889.03	23602.65602	0.00041	0.04530	3.91664E-07	4.1499E-04
610721.43	4205889.03	22302.35409	0.00039	0.04406	3.80943E-07	3.9214E-04
610728.43	4205889.03	20997.36054	0.00037	0.04285	3.70481E-07	3.6920E-04
610735.43	4205889.03	19699.70399	0.00035	0.04169	3.60452E-07	3.4640E-04
610742.43	4205889.03	18420.19408	0.00032	0.04056	3.50682E-07	3.2391E-04
610749.43	4205889.03	17168.72347	0.00030	0.03947	3.41257E-07	3.0192E-04
610756.43	4205889.03	15956.06761	0.00028	0.03843	3.32266E-07	2.8061E-04
610763.43	4205889.03	14790.59646	0.00026	0.03742	3.23533E-07	2.6013E-04
610770.43	4205889.03	13679.0091	0.00024	0.03645	3.15147E-07	2.4068E-04
610777.43	4205889.03	12627.1033	0.00022	0.03552	3.07106E-07	2.2211E-04
610784.43	4205889.03	11639.10969	0.00020	0.03463	2.99411E-07	2.0475E-04
610791.43	4205889.03	10718.37049	0.00019	0.03377	2.91975E-07	1.8857E-04
610798.43	4205889.03	9865.07872	0.00017	0.03295	2.84886E-07	1.7357E-04
610805.43	4205889.03	9079.22344	0.00016	0.03217	2.78142E-07	1.5976E-04
610812.43	4205889.03	8359.88509	0.00015	0.03142	2.71657E-07	1.4712E-04
610819.43	4205889.03	7704.695	0.00014	0.03070	2.65432E-07	1.3560E-04
610826.43	4205889.03	7110.48016	0.00012	0.03001	2.59466E-07	1.2516E-04
610833.43	4205889.03	6573.76894	0.00012	0.02935	2.53760E-07	1.1573E-04
610840.43	4205889.03	6090.39468	0.00011	0.02872	2.48313E-07	1.0723E-04
610847.43	4205889.03	5656.02315	0.00010	0.02811	2.43039E-07	9.9595E-05
610854.43	4205889.03	5266.24707	0.00009	0.02753	2.38024E-07	9.2744E-05
610861.43	4205889.03	4916.8406	0.00009	0.02698	2.33269E-07	8.6601E-05
610868.43	4205889.03	4603.64498	0.00008	0.02644	2.28609E-07	8.1059E-05
610875.43	4205889.03	4322.78967	0.00008	0.02593	2.24191E-07	7.6157E-05
610882.43	4205889.03	4070.74316	0.00007	0.02544	2.19954E-07	7.1726E-05
610889.43	4205889.03	3844.23869	0.00007	0.02497	2.15890E-07	6.7743E-05
610910.43	4205889.03	3290.53274	0.00006	0.02365	2.04478E-07	5.8005E-05
610917.43	4205889.03	3140.12462	0.00006	0.02325	2.01019E-07	5.5360E-05
610924.43	4205889.03	3003.48831	0.00005	0.02285	1.97616E-07	5.2956E-05
610931.43	4205889.03	2879.11682	0.00005	0.02247	1.94276E-07	5.0768E-05
610938.43	4205889.03	2765.56925	0.00005	0.02211	1.91163E-07	4.8770E-05
610945.43	4205889.03	2661.63446	0.00005	0.02175	1.88050E-07	4.6942E-05
610952.43	4205889.03	2566.20651	0.00005	0.02141	1.85111E-07	4.5262E-05
610959.43	4205889.03	2478.35171	0.00004	0.02107	1.82171E-07	4.3716E-05
610966.43	4205889.03	2397.1713	0.00004	0.02075	1.79404E-07	4.2287E-05
610973.43	4205889.03	2322.0198	0.00004	0.02044	1.76724E-07	4.0965E-05
611001.43	4205889.03	2069.58404	0.00004	0.01926	1.66522E-07	3.6520E-05
611008.43	4205889.03	2016.16983	0.00004	0.01899	1.64187E-07	3.5588E-05
611015.43	4205889.03	1965.89393	0.00003	0.01872	1.61853E-07	3.4694E-05
611022.43	4205889.03	1918.42676	0.00003	0.01846	1.59605E-07	3.3858E-05
611029.43	4205889.03	1873.53418	0.00003	0.01820	1.57357E-07	3.3067E-05
611036.43	4205889.03	1830.94851	0.00003	0.01795	1.55196E-07	3.2317E-05
611043.43	4205889.03	1790.4822	0.00003	0.01771	1.53121E-07	3.1604E-05
611050.43	4205889.03	1751.96918	0.00003	0.01747	1.51046E-07	3.0926E-05
611057.43	4205889.03	1715.2085	0.00003	0.01724	1.49057E-07	3.0278E-05
611064.43	4205889.03	1680.09495	0.00003	0.01701	1.47068E-07	2.9659E-05
611071.43	4205889.03	1646.44504	0.00003	0.01678	1.45080E-07	2.9066E-05
611078.43	4205889.03	1614.22785	0.00003	0.01657	1.43264E-07	2.8498E-05
611085.43	4205889.03	1583.27621	0.00003	0.01635	1.41362E-07	2.7953E-05
611092.43	4205889.03	1553.49253	0.00003	0.01614	1.39546E-07	2.7428E-05

610294.43	4205896.03	8805.99914	0.00015	0.14541	1.25721E-06	1.5594E-04
610301.43	4205896.03	9114.03469	0.00016	0.14420	1.24675E-06	1.6134E-04
610308.43	4205896.03	9435.16538	0.00017	0.14293	1.23577E-06	1.6697E-04
610315.43	4205896.03	9769.51613	0.00017	0.14163	1.22453E-06	1.7283E-04
610322.43	4205896.03	10118.61908	0.00018	0.14032	1.21321E-06	1.7895E-04
610329.43	4205896.03	10482.63684	0.00018	0.13896	1.20145E-06	1.8534E-04
610336.43	4205896.03	10861.7068	0.00019	0.13759	1.18960E-06	1.9198E-04
610343.43	4205896.03	11257.49539	0.00020	0.13617	1.17733E-06	1.9892E-04
610350.43	4205896.03	11674.24386	0.00021	0.13477	1.16522E-06	2.0623E-04
610357.43	4205896.03	12108.91761	0.00021	0.13335	1.15294E-06	2.1385E-04
610364.43	4205896.03	12561.56917	0.00022	0.13188	1.14023E-06	2.2179E-04
610371.43	4205896.03	13031.97888	0.00023	0.13040	1.12744E-06	2.3008E-04
610378.43	4205896.03	13525.75738	0.00024	0.12888	1.11430E-06	2.3870E-04
610385.43	4205896.03	14038.7902	0.00025	0.12734	1.10098E-06	2.4770E-04
610392.43	4205896.03	14572.56887	0.00026	0.12577	1.08741E-06	2.5707E-04
610399.43	4205896.03	15128.99849	0.00027	0.12418	1.07366E-06	2.6683E-04
610406.43	4205896.03	15708.10052	0.00028	0.12257	1.05974E-06	2.7698E-04
610413.43	4205896.03	16309.72857	0.00029	0.12093	1.04556E-06	2.8754E-04
610420.43	4205896.03	16935.85104	0.00030	0.11927	1.03121E-06	2.9852E-04
610427.43	4205896.03	17585.43987	0.00031	0.11759	1.01668E-06	3.0992E-04
610434.43	4205896.03	18260.32775	0.00032	0.11589	1.00198E-06	3.2176E-04
610441.43	4205896.03	18959.22378	0.00033	0.11417	9.87113E-07	3.3402E-04
610448.43	4205896.03	19683.64527	0.00035	0.11244	9.72156E-07	3.4673E-04
610455.43	4205896.03	20432.01157	0.00036	0.11068	9.56939E-07	3.5988E-04
610462.43	4205896.03	21205.39407	0.00037	0.10889	9.41462E-07	3.7343E-04
610469.43	4205896.03	22002.53207	0.00039	0.10708	9.25813E-07	3.8742E-04
610476.43	4205896.03	22821.29273	0.00040	0.10526	9.10077E-07	4.0178E-04
610483.43	4205896.03	23662.23218	0.00042	0.10342	8.94169E-07	4.1654E-04
610490.43	4205896.03	24521.4733	0.00043	0.10156	8.78087E-07	4.3162E-04
610504.43	4205896.03	26284.54451	0.00046	0.09781	8.45665E-07	4.6253E-04
610511.43	4205896.03	27183.52101	0.00048	0.09592	8.29324E-07	4.7833E-04
610518.43	4205896.03	28087.04279	0.00049	0.09402	8.12896E-07	4.9418E-04
610525.43	4205896.03	28991.83968	0.00051	0.09213	7.96556E-07	5.1006E-04
610532.43	4205896.03	29889.53154	0.00053	0.09023	7.80128E-07	5.2581E-04
610539.43	4205896.03	30775.13758	0.00054	0.08833	7.63701E-07	5.4135E-04
610553.43	4205896.03	32472.0041	0.00057	0.08455	7.31019E-07	5.7113E-04
610560.43	4205896.03	33264.72211	0.00058	0.08266	7.14678E-07	5.8503E-04
610567.43	4205896.03	34008.9336	0.00060	0.08079	6.98510E-07	5.9809E-04
610574.43	4205896.03	34692.7747	0.00061	0.07892	6.82342E-07	6.1009E-04
610581.43	4205896.03	35303.11179	0.00062	0.07707	6.66347E-07	6.2079E-04
610588.43	4205896.03	35830.75787	0.00063	0.07523	6.50438E-07	6.3004E-04
610595.43	4205896.03	36262.92972	0.00064	0.07341	6.34702E-07	6.3762E-04
610602.43	4205896.03	36590.25109	0.00064	0.07160	6.19053E-07	6.4335E-04
610609.43	4205896.03	36803.98316	0.00065	0.06981	6.03577E-07	6.4709E-04
610616.43	4205896.03	36894.13009	0.00065	0.06805	5.88369E-07	6.4866E-04
610623.43	4205896.03	36855.90827	0.00065	0.06630	5.73229E-07	6.4797E-04
610630.43	4205896.03	36682.34506	0.00064	0.06458	5.58358E-07	6.4491E-04
610658.43	4205896.03	34588.91046	0.00061	0.05795	5.01035E-07	6.0808E-04
610665.43	4205896.03	33733.70838	0.00059	0.05636	4.87288E-07	5.9304E-04
610672.43	4205896.03	32762.92573	0.00058	0.05481	4.73887E-07	5.7598E-04
610679.43	4205896.03	31683.9906	0.00056	0.05329	4.60749E-07	5.5701E-04
610686.43	4205896.03	30509.30602	0.00054	0.05181	4.47949E-07	5.3637E-04
610693.43	4205896.03	29252.38989	0.00051	0.05037	4.35499E-07	5.1428E-04
610700.43	4205896.03	27930.35784	0.00049	0.04896	4.23308E-07	4.9104E-04
610707.43	4205896.03	26558.70051	0.00047	0.04759	4.11463E-07	4.6693E-04
610714.43	4205896.03	25153.20597	0.00044	0.04627	4.00050E-07	4.4223E-04
610721.43	4205896.03	23728.59743	0.00042	0.04498	3.88897E-07	4.1720E-04
610728.43	4205896.03	22299.52057	0.00039	0.04374	3.78176E-07	3.9209E-04
610735.43	4205896.03	20879.55005	0.00037	0.04254	3.67801E-07	3.6713E-04
610742.43	4205896.03	19480.95786	0.00034	0.04137	3.57685E-07	3.4255E-04
610749.43	4205896.03	18115.54381	0.00032	0.04025	3.48001E-07	3.1856E-04
610756.43	4205896.03	16794.92301	0.00030	0.03918	3.38750E-07	2.9535E-04
610763.43	4205896.03	15528.91	0.00027	0.03814	3.29758E-07	2.7311E-04
610770.43	4205896.03	14324.81877	0.00025	0.03714	3.21112E-07	2.5195E-04
610777.43	4205896.03	13189.22146	0.00023	0.03619	3.12899E-07	2.3199E-04
610784.43	4205896.03	12126.58252	0.00021	0.03527	3.04944E-07	2.1332E-04
610791.43	4205896.03	11140.37461	0.00020	0.03439	2.97336E-07	1.9599E-04
610798.43	4205896.03	10230.5078	0.00018	0.03355	2.90073E-07	1.8000E-04
610805.43	4205896.03	9396.42454	0.00017	0.03275	2.83156E-07	1.6534E-04
610812.43	4205896.03	8636.57336	0.00015	0.03198	2.76499E-07	1.5198E-04
610819.43	4205896.03	7947.64104	0.00014	0.03124	2.70101E-07	1.3988E-04
610826.43	4205896.03	7325.92881	0.00013	0.03054	2.64049E-07	1.2895E-04
610833.43	4205896.03	6766.89843	0.00012	0.02986	2.58169E-07	1.1912E-04
610840.43	4205896.03	6265.49372	0.00011	0.02922	2.52636E-07	1.1031E-04
610847.43	4205896.03	5816.69726	0.00010	0.02860	2.47275E-07	1.0242E-04
610854.43	4205896.03	5415.4302	0.00010	0.02801	2.42174E-07	9.5368E-05
610861.43	4205896.03	5056.81972	0.00009	0.02744	2.37246E-07	8.9004E-05
610868.43	4205896.03	4736.26023	0.00008	0.02689	2.32491E-07	8.3428E-05
610875.43	4205896.03	4449.47965	0.00008	0.02637	2.27995E-07	7.8388E-05
610882.43	4205896.03	4192.49171	0.00007	0.02587	2.23672E-07	7.3868E-05
610889.43	4205896.03	3961.98537	0.00007	0.02538	2.19435E-07	6.9815E-05
610910.43	4205896.03	3399.29785	0.00006	0.02404	2.07850E-07	5.9919E-05
610917.43	4205896.03	3246.59906	0.00006	0.02363	2.04005E-07	5.7233E-05
610924.43	4205896.03	3107.91667	0.00005	0.02323	2.00846E-07	5.4794E-05
610931.43	4205896.03	2981.60899	0.00005	0.02284	1.97475E-07	5.2572E-05
610938.43	4205896.03	2866.2165	0.00005	0.02246	1.94189E-07	5.0541E-05
610945.43	4205896.03	2760.55939	0.00005	0.02210	1.91076E-07	4.8682E-05
610952.43	4205896.03	2663.44088	0.00005	0.02175	1.88050E-07	4.6973E-05
610959.43	4205896.03	2573.95024	0.00005	0.02141	1.85111E-07	4.5398E-05
610966.43	4205896.03	2491.26859	0.00004	0.02108	1.82258E-07	4.3943E-05
610973.43	4205896.03	2414.56791	0.00004	0.02076	1.79491E-07	4.2593E-05
611001.43	4205896.03	2156.14331	0.00004	0.01956	1.69116E-07	3.8043E-05
611008.43	4205896.03	2101.28406	0.00004	0.01928	1.66695E-07	3.7077E-05
611015.43	4205896.03	2049.56118	0.00004	0.01900	1.64274E-07	3.6166E-05
611022.43	4205896.03	2000.65616	0.00004	0.01873	1.61939E-07	3.5305E-05
611029.43	4205896.03	1954.34541	0.00003	0.01847	1.59692E-07	3.4489E-05
611036.43	4205896.03	1910.36802	0.00003	0.01822	1.57530E-07	3.3715E-05
611043.43	4205896.03	1868.5219	0.00003	0.01797	1.55369E-07	3.2977E-05
611050.43	4205896.03	1828.60702	0.00003	0.01773	1.53293E-07	3.2274E-05
611057.43	4205896.03	1790.48806	0.00003	0.01749	1.51218E-07	3.1602E-05
611064.43	4205896.03	1753.99545	0.00003	0.01725	1.49143E-07	3.0959E-05
611071.43	4205896.03	1719.05629	0.00003	0.01703	1.47241E-07	3.0344E-05
611078.43	4205896.03	1685.50612	0.00003	0.01680	1.45253E-07	2.9752E-05
611085.43	4205896.03	1653.26654	0.00003	0.01659	1.43437E-07	2.9184E-05
611092.43	4205896.03	1622.20985	0.00003	0.01637	1.41535E-07	2.8637E-05
610294.43	4205903.03	8814.7866	0.00015	0.14961	1.29353E-06	1.5613E-04
610301.43	4205903.03	9126.79492	0.00016	0.14838	1.28289E-06	1.6160E-04
610308.43	4205903.03	9452.4308	0.00017	0.14708	1.27165E-06	1.6731E-04
610315.43	4205903.03	9792.35642	0.00017	0.14575	1.26015E-06	1.7327E-04
610322.43	4205903.03	10147.11953	0.00018	0.14439	1.24840E-06	1.7949E-04
610329.43	4205903.03	10517.53408	0.00018	0.14302	1.23655E-06	1.8598E-04
610336.43	4205903.03	10904.13078	0.00019	0.14160	1.22427E-06	1.9276E-04
610343.43	4205903.03	11308.22777	0.00020	0.14015	1.21174E-06	1.9981E-04
610350.43	4205903.03	11733.93542	0.00021	0.13872	1.19937E-06	2.0731E-04
610357.43	4205903.03	12178.94204	0.00021	0.13726	1.18675E-06	2.1512E-04
610364.43	4205903.03	12643.06252	0.00022	0.13577	1.17387E-06	2.2326E-04
610371.43	4205903.03	13128.23352	0.00023	0.13425	1.16072E-06	2.3177E-04
610378.43	4205903.03	13634.13795	0.00024	0.13270	1.14732E-06	2.4064E-04
610385.43	4205903.03	14162.79048	0.00025	0.13112	1.13366E-06	2.4991E-04
610392.43	4205903.03	14714.49501	0.00026	0.12952	1.11983E-06	2.5959E-04
610399.43	4205903.03	15289.37312	0.00027	0.12788	1.10565E-06	2.6967E-04
610406.43	4205903.03	15889.53558	0.00028	0.12623	1.09138E-06	2.8020E-04
610413.43	4205903.03	16514.3822	0.00029	0.12454	1.07677E-06	2.9116E-04
610420.43	4205903.03	17166.25087	0.00030	0.12284	1.06207E-06	3.0260E-04
610427.43	4205903.03	17844.13901	0.00031	0.12111	1.04712E-06	3.1448E-04
610434.43	4205903.03	18550.32167	0.00033	0.11937	1.03207E-06	3.2688E-04
610441.43	4205903.03	19283.56074	0.00034	0.11759	1.01668E-06	3.3975E-04
610448.43	4205903.03	20046.01435	0.00035	0.11581	1.00129E-06	3.5312E-04
610455.43	4205903.03	20836.87845	0.00037	0.11401	9.85730E-07	3.6700E-04
610462.43	4205903.03	21655.24488	0.00038	0.11216	9.69735E-07	3.8136E-04
610469.43	4205903.03	22502.68907	0.00040	0.11029	9.53567E-07	3.9623E-04
610476.43	4205903.03	23376.49457	0.00041	0.10840	9.37226E-07	4.1156E-04
610483.43	4205903.03	24277.76698	0.00043	0.10651	9.20885E-07	4.2738E-04
610490.43	4205903.03	25202.77301	0.00044	0.10459	9.04285E-07	4.4361E-04
610504.43	4205903.03	27117.14192	0.00048	0.10071	8.70738E-07	4.7720E-04
610511.43	4205903.03	28100.19706	0.00049	0.09876	8.53878E-07	4.9445E-04
610518.43	4205903.03	29095.24441	0.00051	0.09680	8.36912E-07	5.1192E-04
610525.43	4205903.03	30098.03178	0.00053	0.09484	8.19986E-07	5.2951E-04
610532.43	4205903.03	31099.72458	0.00055	0.09287	8.02954E-07	5.4709E-04
610539.43	4205903.03	32093.96522	0.00056	0.09090	7.85921E-07	5.6454E-04
610560.43	4205903.03	34939.82746	0.00061	0.08502	7.35083E-07	6.1448E-04
610567.43	4205903.03	35806.8098	0.00063	0.08307	7.18223E-07	6.2969E-04
610574.43	4205903.03	36612.1215	0.00064	0.08114	7.01536E-07	6.4382E-04
610581.43	4205903.03	37343.54179	0.00066	0.07921	6.84849E-07	6.5665E-04
610588.43	4205903.03	37986.0256	0.00067	0.07730	6.68335E-07	6.6792E-04
610595.43	4205903.03	38527.67851	0.00068	0.07541	6.51994E-07	6.7742E-04
610602.43	4205903.03	38954.39247	0.00068	0.07354	6.35826E-07	6.8490E-04
610609.43	4205903.03	39255.77959	0.00069	0.07168	6.19745E-07	6.9018E-04
610616.43	4205903.03	39419.765	0.00069	0.06985	6.03923E-07	6.9304E-04
610658.43	4205903.03	37173.2336	0.00065	0.05936	5.13226E-07	6.5349E-04
610665.43	4205903.03	36258.04628	0.00064	0.05772	4.99047E-07	6.3740E-04
610672.43	4205903.03	35207.46899	0.00062	0.05611	4.85127E-07	6.1893E-04
610679.43	4205903.03	34032.07957	0.00060	0.05454	4.71553E-07	5.9827E-04
610686.43	4205903.03	32748.45775	0.00058	0.05300	4.58238E-07	5.7571E-04
610693.43	4205903.03	31373.5702	0.00055	0.05151	4.45355E-07	5.5153E-04
610700.43	4205903.03	29924.25661	0.00053	0.05005	4.32732E-07	5.2607E-04
610707.43	4205903.03	28418.77109	0.00050	0.04864	4.20541E-07	4.9962E-04
610714.43	4205903.03	26874.77237	0.00047	0.04727	4.08696E-07	4.7248E-04
610721.43	4205903.03	25309.88561	0.00044	0.04594	3.97197E-07	4.4498E-04
610728.43	4205903.03	23740.30573	0.00042	0.04466	3.86130E-07	4.1740E-04
610735.43	4205903.03	22182.17815	0.00039	0.04341	3.75323E-07	3.9002E-04
610742.43	4205903.03	20648.80327	0.00036	0.04222	3.65034E-07	3.6308E-04
610749.43	4205903.03	19154.24484	0.00034	0.04106	3.55005E-07	3.3681E-04
610756.43	4205903.03	17711.56864	0.00031	0.03995	3.45408E-07	3.1146E-04
610763.43	4205903.03	16332.23001	0.00029	0.03888	3.36156E-07	2.8722E-04
610770.43	4205903.03	15024.25061	0.00026	0.03786	3.27337E-07	2.6424E-04
610777.43	4205903.03	13795.04707	0.00024	0.03688	3.18864E-07	2.4264E-04
610784.43	4205903.03	12649.93277	0.00022	0.03594	3.10737E-07	2.2252E-04
610791.43	4205903.03	11591.7884	0.00020	0.03503	3.02869E-07	2.0392E-04
610798.43	4205903.03	10620.16643	0.00019	0.03417	2.95434E-07	1.8685E-04
610805.43	4205903.03	9734.10191	0.00017	0.03335	2.88344E-07	1.7127E-04
610812.43	4205903.03	8930.89664	0.00016	0.03256	2.81514E-07	1.5716E-04
610819.43	4205903.03	8206.61199	0.00014	0.03180	2.74943E-07	1.4443E-04
610826.43	4205903.03	7556.10776	0.00013	0.03108	2.68718E-07	1.3300E-04
610833.43	4205903.03	6973.93719	0.00012	0.03039	2.62752E-07	1.2277E-04
610840.43	4205903.03	6454.20327	0.00011	0.02973	2.57045E-07	1.1363E-04
610847.43	4205903.03	5990.72307	0.00011	0.02910	2.51598E-07	1.0548E-04
610854.43	4205903.03	5577.90587	0.00010	0.02849	2.46324E-07	9.8226E-05
610861.43	4205903.03	5210.0081	0.00009	0.02791	2.41310E-07	9.1759E-05
610868.43	4205903.03	4881.99197	0.00009	0.02735	2.36468E-07	8.5992E-05
610875.43	4205903.03	4589.18633	0.00008	0.02682	2.31888E-07	8.0844E-05
610882.43	4205903.03	4327.23813	0.00008	0.02631	2.27476E-07	7.6239E-05
610889.43	4205903.03	4092.55315	0.00007	0.02581	2.23153E-07	7.2112E-05
610910.43	4205903.03	3520.43143	0.00006	0.02444	2.11308E-07	6.2050E-05
610917.43	4205903.03	3365.1936	0.00006	0.02402	2.07677E-07	5.9320E-05
610924.43	4205903.03	3224.23761	0.00006	0.02361	2.04132E-07	5.6840E-05
610931.43	4205903.03	3095.80412	0.00005	0.02321	2.00674E-07	5.4581E-05
610938.43	4205903.03	2978.38516	0.00005	0.02283	1.97388E-07	5.2515E-05
610945.43	4205903.03	2870.76468	0.00005	0.02246	1.94189E-07	5.0621E-05
610952.43	4205903.03	2771.77297	0.00005	0.02210	1.91076E-07	4.8879E-05
610959.43	4205903.03	2680.44607	0.00005	0.02175	1.88050E-07	4.7272E-05
610966.43	4205903.03	2595.9343	0.00005	0.02142	1.85197E-07	4.5785E-05
610973.43	4205903.03	2517.43155	0.00004	0.02109	1.82344E-07	4.4403E-05
611001.43	4205903.03	2252.08021	0.00004	0.01986	1.71709E-07	3.9731E-05
611008.43	4205903.03	2195.50486	0.00004	0.01957	1.69202E-07	3.8735E-05
611015.43	4205903.03	2142.0855	0.00004	0.01929	1.66781E-07	3.7784E-05

611022.43	4205903.03	2091.53772	0.00004	0.01902	1.64447E-07	3.6904E-05
611029.43	4205903.03	2043.55572	0.00004	0.01875	1.62112E-07	3.6059E-05
611036.43	4205903.03	1997.93188	0.00004	0.01849	1.59864E-07	3.5255E-05
611043.43	4205903.03	1954.45908	0.00003	0.01824	1.57703E-07	3.4489E-05
611050.43	4205903.03	1912.97973	0.00003	0.01799	1.55541E-07	3.3758E-05
611057.43	4205903.03	1873.27525	0.00003	0.01775	1.53466E-07	3.3059E-05
611064.43	4205903.03	1835.2255	0.00003	0.01751	1.51391E-07	3.2388E-05
611071.43	4205903.03	1798.71269	0.00003	0.01727	1.49316E-07	3.1745E-05
611078.43	4205903.03	1763.66048	0.00003	0.01705	1.47414E-07	3.1127E-05
611085.43	4205903.03	1729.9177	0.00003	0.01682	1.45426E-07	3.0533E-05
611092.43	4205903.03	1697.41814	0.00003	0.01661	1.43610E-07	2.9960E-05
610294.43	4205910.03	8818.37412	0.00015	0.15403	1.33174E-06	1.5623E-04
610301.43	4205910.03	9134.2021	0.00016	0.15273	1.32050E-06	1.6177E-04
610308.43	4205910.03	9464.0885	0.00017	0.15141	1.30909E-06	1.6755E-04
610315.43	4205910.03	9808.72951	0.00017	0.15005	1.29733E-06	1.7359E-04
610322.43	4205910.03	10168.8626	0.00018	0.14866	1.28531E-06	1.7991E-04
610329.43	4205910.03	10545.12593	0.00019	0.14723	1.27295E-06	1.8651E-04
610336.43	4205910.03	10938.91216	0.00019	0.14578	1.26041E-06	1.9341E-04
610343.43	4205910.03	11350.45434	0.00020	0.14430	1.24762E-06	2.0063E-04
610350.43	4205910.03	11785.03518	0.00021	0.14283	1.23491E-06	2.0825E-04
610357.43	4205910.03	12240.098	0.00022	0.14135	1.22211E-06	2.1623E-04
610364.43	4205910.03	12715.24822	0.00022	0.13982	1.20888E-06	2.2456E-04
610371.43	4205910.03	13212.71454	0.00023	0.13827	1.19548E-06	2.3329E-04
610378.43	4205910.03	13732.86687	0.00024	0.13669	1.18182E-06	2.4241E-04
610385.43	4205910.03	14276.06164	0.00025	0.13507	1.16781E-06	2.5194E-04
610392.43	4205910.03	14844.55178	0.00026	0.13343	1.15364E-06	2.6191E-04
610399.43	4205910.03	15438.11234	0.00027	0.13175	1.13911E-06	2.7232E-04
610406.43	4205910.03	16058.93196	0.00028	0.13005	1.12441E-06	2.8321E-04
610413.43	4205910.03	16706.78296	0.00029	0.12832	1.10945E-06	2.9458E-04
610420.43	4205910.03	17381.98278	0.00031	0.12658	1.09441E-06	3.0646E-04
610427.43	4205910.03	18089.98659	0.00032	0.12480	1.07902E-06	3.1884E-04
610434.43	4205910.03	18827.3193	0.00033	0.12300	1.06346E-06	3.3178E-04
610441.43	4205910.03	19595.88578	0.00034	0.12119	1.04781E-06	3.4526E-04
610448.43	4205910.03	20395.52376	0.00036	0.11935	1.03190E-06	3.5929E-04
610455.43	4205910.03	21228.56251	0.00037	0.11748	1.01573E-06	3.7391E-04
610462.43	4205910.03	22093.43641	0.00039	0.11558	9.99304E-07	3.8909E-04
610469.43	4205910.03	22992.1703	0.00040	0.11365	9.82617E-07	4.0486E-04
610476.43	4205910.03	23922.58242	0.00042	0.11170	9.65758E-07	4.2118E-04
610483.43	4205910.03	24886.06227	0.00044	0.10974	9.48812E-07	4.3809E-04
610490.43	4205910.03	25879.54431	0.00045	0.10776	9.31692E-07	4.5552E-04
610560.43	4205910.03	36701.53669	0.00064	0.08749	7.56438E-07	6.4545E-04
610568.43	4205910.03	40050.47819	0.00070	0.06084	5.26022E-07	7.0404E-04
610665.43	4205910.03	39070.19154	0.00069	0.05913	5.11238E-07	6.8681E-04
610672.43	4205910.03	37933.42405	0.00067	0.05747	4.96885E-07	6.6683E-04
610679.43	4205910.03	36654.98779	0.00064	0.05584	4.82792E-07	6.4435E-04
610686.43	4205910.03	35252.53775	0.00062	0.05424	4.68959E-07	6.1971E-04
610693.43	4205910.03	33744.86473	0.00059	0.05269	4.55557E-07	5.9321E-04
610700.43	4205910.03	32152.54803	0.00056	0.05119	4.42588E-07	5.6523E-04
610707.43	4205910.03	30495.7909	0.00054	0.04972	4.29879E-07	5.3611E-04
610714.43	4205910.03	28795.81692	0.00051	0.04831	4.17688E-07	5.0624E-04
610721.43	4205910.03	27071.65192	0.00048	0.04693	4.05757E-07	4.7594E-04
610728.43	4205910.03	25342.73513	0.00045	0.04561	3.94344E-07	4.4556E-04
610735.43	4205910.03	23627.04546	0.00042	0.04433	3.83277E-07	4.1541E-04
610742.43	4205910.03	21940.51554	0.00039	0.04309	3.72556E-07	3.8577E-04
610749.43	4205910.03	20298.91381	0.00036	0.04190	3.62267E-07	3.5693E-04
610756.43	4205910.03	18717.67289	0.00033	0.04075	3.52324E-07	3.2914E-04
610763.43	4205910.03	17209.6595	0.00030	0.03966	3.42900E-07	3.0264E-04
610770.43	4205910.03	15784.85388	0.00028	0.03860	3.33735E-07	2.7761E-04
610777.43	4205910.03	14450.87732	0.00025	0.03759	3.25003E-07	2.5417E-04
610784.43	4205910.03	13213.8109	0.00023	0.03662	3.16616E-07	2.3243E-04
610791.43	4205910.03	12076.27522	0.00021	0.03570	3.08662E-07	2.1244E-04
610798.43	4205910.03	11037.30526	0.00019	0.03481	3.00967E-07	1.9418E-04
610805.43	4205910.03	10095.03946	0.00018	0.03397	2.93704E-07	1.7762E-04
610812.43	4205910.03	9245.72896	0.00016	0.03316	2.86701E-07	1.6269E-04
610819.43	4205910.03	8483.95005	0.00015	0.03238	2.79957E-07	1.4931E-04
610826.43	4205910.03	7803.5222	0.00014	0.03164	2.73559E-07	1.3735E-04
610833.43	4205910.03	7197.53746	0.00013	0.03094	2.67507E-07	1.2670E-04
610840.43	4205910.03	6658.95958	0.00012	0.03026	2.61628E-07	1.1723E-04
610847.43	4205910.03	6180.79935	0.00011	0.02961	2.56008E-07	1.0883E-04
610854.43	4205910.03	5756.17856	0.00010	0.02899	2.50647E-07	1.0136E-04
610861.43	4205910.03	5378.95014	0.00009	0.02840	2.45546E-07	9.4731E-05
610868.43	4205910.03	5043.39221	0.00009	0.02783	2.40618E-07	8.8831E-05
610875.43	4205910.03	4744.36465	0.00008	0.02729	2.35948E-07	8.3574E-05
610882.43	4205910.03	4477.3868	0.00008	0.02676	2.31367E-07	7.8880E-05
610889.43	4205910.03	4238.36112	0.00007	0.02626	2.27044E-07	7.4677E-05
610910.43	4205910.03	3656.20134	0.00006	0.02486	2.14939E-07	6.4439E-05
610917.43	4205910.03	3498.20581	0.00006	0.02442	2.11135E-07	6.1660E-05
610924.43	4205910.03	3354.62203	0.00006	0.02401	2.07590E-07	5.9134E-05
610931.43	4205910.03	3223.74949	0.00006	0.02360	2.04045E-07	5.6832E-05
610938.43	4205910.03	3104.00508	0.00005	0.02321	2.00674E-07	5.4725E-05
610945.43	4205910.03	2994.10986	0.00005	0.02283	1.97388E-07	5.2791E-05
610952.43	4205910.03	2892.93035	0.00005	0.02246	1.94189E-07	5.1011E-05
610959.43	4205910.03	2799.46236	0.00005	0.02211	1.91163E-07	4.9366E-05
610966.43	4205910.03	2712.79169	0.00005	0.02176	1.88137E-07	4.7840E-05
610973.43	4205910.03	2632.19134	0.00005	0.02143	1.85284E-07	4.6422E-05
611001.43	4205910.03	2358.65027	0.00004	0.02017	1.74390E-07	4.1606E-05
611008.43	4205910.03	2300.07493	0.00004	0.01988	1.71882E-07	4.0574E-05
611015.43	4205910.03	2244.67616	0.00004	0.01959	1.69375E-07	3.9599E-05
611022.43	4205910.03	2192.14153	0.00004	0.01931	1.66954E-07	3.8674E-05
611029.43	4205910.03	2142.24157	0.00004	0.01904	1.64620E-07	3.7795E-05
611036.43	4205910.03	2094.68427	0.00004	0.01877	1.62285E-07	3.6957E-05
611043.43	4205910.03	2049.91166	0.00004	0.01851	1.60037E-07	3.6158E-05
611050.43	4205910.03	2005.9469	0.00004	0.01826	1.57876E-07	3.5394E-05
611057.43	4205910.03	1964.41936	0.00003	0.01801	1.55714E-07	3.4662E-05
611064.43	4205910.03	1924.56876	0.00003	0.01777	1.53639E-07	3.3960E-05
611071.43	4205910.03	1886.27501	0.00003	0.01753	1.51564E-07	3.3285E-05
611078.43	4205910.03	1849.43618	0.00003	0.01730	1.49576E-07	3.2636E-05
611085.43	4205910.03	1813.96984	0.00003	0.01707	1.47587E-07	3.2011E-05
611092.43	4205910.03	1779.77583	0.00003	0.01685	1.45685E-07	3.1409E-05
610294.43	4205917.03	8816.61015	0.00015	0.15857	1.37100E-06	1.5624E-04
610301.43	4205917.03	9136.25231	0.00016	0.15726	1.35967E-06	1.6184E-04
610308.43	4205917.03	9470.40503	0.00017	0.15591	1.34800E-06	1.6770E-04
610315.43	4205917.03	9819.92684	0.00017	0.15453	1.33607E-06	1.7383E-04
610322.43	4205917.03	10185.45505	0.00018	0.15311	1.32379E-06	1.8024E-04
610329.43	4205917.03	10567.80517	0.00019	0.15166	1.31125E-06	1.8694E-04
610336.43	4205917.03	10967.9468	0.00019	0.15017	1.29837E-06	1.9396E-04
610343.43	4205917.03	11386.65048	0.00020	0.14865	1.28528E-06	2.0130E-04
610350.43	4205917.03	11830.30901	0.00021	0.14717	1.27243E-06	2.0908E-04
610357.43	4205917.03	12294.31147	0.00022	0.14564	1.25920E-06	2.1722E-04
610364.43	4205917.03	12780.76938	0.00022	0.14409	1.24580E-06	2.2575E-04
610371.43	4205917.03	13289.52633	0.00023	0.14250	1.23205E-06	2.3467E-04
610378.43	4205917.03	13822.94127	0.00024	0.14088	1.21805E-06	2.4403E-04
610385.43	4205917.03	14380.84503	0.00025	0.13922	1.20370E-06	2.5381E-04
610392.43	4205917.03	14965.83376	0.00026	0.13754	1.18917E-06	2.6408E-04
610399.43	4205917.03	15577.48217	0.00027	0.13583	1.17439E-06	2.7480E-04
610406.43	4205917.03	16218.72828	0.00028	0.13409	1.15934E-06	2.8605E-04
610413.43	4205917.03	16889.10646	0.00030	0.13231	1.14395E-06	2.9781E-04
610420.43	4205917.03	17590.57205	0.00031	0.13051	1.12839E-06	3.1012E-04
610427.43	4205917.03	18324.44154	0.00032	0.12868	1.11257E-06	3.2298E-04
610434.43	4205917.03	19092.65518	0.00034	0.12684	1.09666E-06	3.3647E-04
610441.43	4205917.03	19894.74557	0.00035	0.12496	1.08040E-06	3.5055E-04
610448.43	4205917.03	20732.43309	0.00036	0.12306	1.06398E-06	3.6524E-04
610455.43	4205917.03	21606.76842	0.00038	0.12113	1.04729E-06	3.8059E-04
610462.43	4205917.03	22518.5382	0.00040	0.11916	1.03026E-06	3.9658E-04
610469.43	4205917.03	23469.43126	0.00041	0.11718	1.01314E-06	4.1327E-04
610476.43	4205917.03	24457.43905	0.00043	0.11516	9.95673E-07	4.3061E-04
610483.43	4205917.03	25483.75967	0.00045	0.11313	9.78121E-07	4.4862E-04
610623.43	4205917.03	45438.52403	0.00080	0.07174	6.20264E-07	7.9878E-04
610630.43	4205917.03	45430.34102	0.00080	0.06981	6.03577E-07	7.9862E-04
610637.43	4205917.03	45206.44533	0.00079	0.06790	5.87063E-07	7.9467E-04
610644.43	4205917.03	44770.12195	0.00079	0.06603	5.70895E-07	7.8699E-04
610665.43	4205917.03	42222.39816	0.00074	0.06061	5.24034E-07	7.4219E-04
610672.43	4205917.03	40993.2765	0.00072	0.05888	5.09076E-07	7.2059E-04
610679.43	4205917.03	39600.51553	0.00070	0.05718	4.94378E-07	6.9611E-04
610686.43	4205917.03	38064.88553	0.00067	0.05554	4.80199E-07	6.6912E-04
610693.43	4205917.03	36408.67275	0.00064	0.05393	4.66279E-07	6.4001E-04
610700.43	4205917.03	34654.9831	0.00061	0.05237	4.52791E-07	6.0919E-04
610707.43	4205917.03	32827.48044	0.00058	0.05085	4.39649E-07	5.7708E-04
610714.43	4205917.03	30950.21724	0.00054	0.04938	4.26939E-07	5.4409E-04
610721.43	4205917.03	29045.22122	0.00051	0.04797	4.14748E-07	5.1062E-04
610728.43	4205917.03	27134.59064	0.00048	0.04659	4.02817E-07	4.7704E-04
610735.43	4205917.03	25239.05814	0.00044	0.04527	3.91404E-07	4.4373E-04
610742.43	4205917.03	23377.13364	0.00041	0.04399	3.80337E-07	4.1102E-04
610749.43	4205917.03	21566.83028	0.00038	0.04277	3.69789E-07	3.7921E-04
610756.43	4205917.03	19827.42724	0.00035	0.04159	3.59587E-07	3.4864E-04
610763.43	4205917.03	18172.92648	0.00032	0.04045	3.49731E-07	3.1957E-04
610770.43	4205917.03	16615.39947	0.00029	0.03937	3.40393E-07	2.9220E-04
610777.43	4205917.03	15163.27585	0.00027	0.03833	3.31401E-07	2.6669E-04
610784.43	4205917.03	13823.38493	0.00024	0.03733	3.22755E-07	2.4314E-04
610791.43	4205917.03	12598.0993	0.00022	0.03638	3.14541E-07	2.2161E-04
610798.43	4205917.03	11485.52957	0.00020	0.03547	3.06673E-07	2.0200E-04
610805.43	4205917.03	10482.52805	0.00018	0.03461	2.99238E-07	1.8443E-04
610812.43	4205917.03	9583.99484	0.00017	0.03378	2.92062E-07	1.6864E-04
610819.43	4205917.03	8782.90745	0.00015	0.03298	2.85145E-07	1.5456E-04
610826.43	4205917.03	8071.30804	0.00014	0.03223	2.78660E-07	1.4206E-04
610833.43	4205917.03	7440.94278	0.00013	0.03150	2.72349E-07	1.3098E-04
610840.43	4205917.03	6883.23446	0.00012	0.03081	2.66383E-07	1.2118E-04
610847.43	4205917.03	6390.02227	0.00011	0.03015	2.60677E-07	1.1251E-04
610854.43	4205917.03	5953.57495	0.00010	0.02951	2.55143E-07	1.0483E-04
610861.43	4205917.03	5566.95133	0.00010	0.02891	2.49956E-07	9.8038E-05
610868.43	4205917.03	5223.77114	0.00009	0.02832	2.44855E-07	9.2004E-05
610875.43	4205917.03	4918.3894	0.00009	0.02777	2.40099E-07	8.6635E-05
610882.43	4205917.03	4646.06715	0.00008	0.02723	2.35430E-07	8.1847E-05
610889.43	4205917.03	4402.42381	0.00008	0.02672	2.31021E-07	7.7563E-05
610910.43	4205917.03	3809.20946	0.00007	0.02528	2.18571E-07	6.7130E-05
610917.43	4205917.03	3648.1031	0.00006	0.02484	2.14767E-07	6.4296E-05
610924.43	4205917.03	3501.58148	0.00006	0.02441	2.11049E-07	6.1719E-05
610931.43	4205917.03	3367.87354	0.00006	0.02400	2.07504E-07	5.9367E-05
610938.43	4205917.03	3245.39968	0.00006	0.02360	2.04045E-07	5.7212E-05
610945.43	4205917.03	3132.84171	0.00006	0.02321	2.00674E-07	5.5231E-05
610952.43	4205917.03	3029.04094	0.00005	0.02284	1.97475E-07	5.3405E-05
610959.43	4205917.03	2932.98196	0.00005	0.02247	1.94276E-07	5.1714E-05
610966.43	4205917.03	2843.78958	0.00005	0.02212	1.91249E-07	5.0144E-05
610973.43	4205917.03	2760.70227	0.00005	0.02178	1.88310E-07	4.8682E-05
611001.43	4205917.03	2477.32916	0.00004	0.02049	1.77156E-07	4.3691E-05
611008.43	4205917.03	2416.39047	0.00004	0.02019	1.74563E-07	4.2620E-05
611015.43	4205917.03	2358.65634	0.00004	0.01990	1.72055E-07	4.1604E-05
611022.43	4205917.03	2303.81775	0.00004	0.01962	1.69634E-07	4.0638E-05
611029.43	4205917.03	2251.59352	0.00004	0.01934	1.67214E-07	3.9718E-05
611036.43	4205917.03	2201.76671	0.00004	0.01906	1.64793E-07	3.8840E-05
611043.43	4205917.03	2154.20322	0.00004	0.01880	1.62545E-07	3.8003E-05
611050.43	4205917.03	2108.61988	0.00004	0.01854	1.60297E-07	3.7200E-05
611057.43	4205917.03	2064.93666	0.00004	0.01828	1.58049E-07	3.6430E-05
611064.43	4205917.03	2022.94148	0.00004	0.01804	1.55974E-07	3.5690E-05
611071.43	4205917.03	1982.57134	0.00003	0.01779	1.53812E-07	3.4979E-05
611078.43	4205917.03	1943.70832	0.00003	0.01756	1.51824E-07	3.4294E-05
611085.43	4205917.03	1906.24794	0.00003	0.01732	1.49748E-07	3.3634E-05
611092.43	4205917.03	1870.08084	0.00003	0.01710	1.47847E-07	3.2997E-05
610294.43	4205924.03	8810.17687	0.00015	0.16332	1.41206E-06	1.5617E-04
610301.43	4205924.03	9133.31025	0.00016	0.16199	1.40056E-06	1.6183E-04
610308.43	4205924.03	9471.50765	0.00017	0.16062	1.38872E-06	1.6776E-04
610315.43	4205924.03	9825.48918	0.00017	0.15921	1.37653E-06	1.7397E-04
610322.43	4205924.03	10195.66881	0.00018	0.15776	1.36399E-06	1.8046E-04
610329.43	4205924.03	10583.7375	0.00019	0.15628	1.35120E-06	1.8726E-04
610336.43	4205924.03	10990.23277	0.00019	0.15477	1.33814E-06	1.9439E-04
610343.43	4205924.03	11416.58162	0.00020	0.15323	1.32483E-06	2.0187E-04

610350.43	4205924.03	11868.49372	0.00021	0.15171	1.31168E-06	2.0979E-04
610357.43	4205924.03	12341.65097	0.00022	0.15016	1.29828E-06	2.1809E-04
610364.43	4205924.03	12838.28512	0.00023	0.14857	1.28454E-06	2.2680E-04
610371.43	4205924.03	13358.53528	0.00023	0.14695	1.27053E-06	2.3592E-04
610378.43	4205924.03	13904.08416	0.00024	0.14529	1.25618E-06	2.4549E-04
610385.43	4205924.03	14476.98429	0.00025	0.14360	1.24156E-06	2.5554E-04
610392.43	4205924.03	15077.15634	0.00026	0.14187	1.22661E-06	2.6607E-04
610399.43	4205924.03	15707.41022	0.00028	0.14012	1.21148E-06	2.7712E-04
610406.43	4205924.03	16367.6708	0.00029	0.13833	1.19600E-06	2.8871E-04
610413.43	4205924.03	17060.9006	0.00030	0.13652	1.18035E-06	3.0087E-04
610420.43	4205924.03	17787.07807	0.00031	0.13467	1.16436E-06	3.1361E-04
610427.43	4205924.03	18547.49257	0.00033	0.13278	1.14802E-06	3.2695E-04
610434.43	4205924.03	19344.47749	0.00034	0.13087	1.13150E-06	3.4093E-04
610441.43	4205924.03	20180.50466	0.00035	0.12894	1.11481E-06	3.5560E-04
610448.43	4205924.03	21055.19461	0.00037	0.12698	1.09787E-06	3.7095E-04
610455.43	4205924.03	21971.75817	0.00039	0.12498	1.08058E-06	3.8703E-04
610462.43	4205924.03	22929.56129	0.00040	0.12294	1.06294E-06	4.0384E-04
610469.43	4205924.03	23931.80381	0.00042	0.12088	1.04513E-06	4.2142E-04
610476.43	4205924.03	24977.13968	0.00044	0.11879	1.02706E-06	4.3977E-04
610483.43	4205924.03	26068.46315	0.00046	0.11669	1.00890E-06	4.5892E-04
610504.43	4205924.03	29612.09148	0.00052	0.11027	9.53394E-07	5.2111E-04
610511.43	4205924.03	30880.2964	0.00054	0.10811	9.34719E-07	5.4337E-04
610518.43	4205924.03	32185.90382	0.00057	0.10593	9.15870E-07	5.6628E-04
610525.43	4205924.03	33527.65502	0.00059	0.10374	8.96936E-07	5.8983E-04
610532.43	4205924.03	34896.65159	0.00061	0.10155	8.78001E-07	6.1386E-04
610539.43	4205924.03	36288.13335	0.00064	0.09936	8.59066E-07	6.3829E-04
610546.43	4205924.03	37688.7187	0.00066	0.09716	8.40045E-07	6.6289E-04
610553.43	4205924.03	39091.88375	0.00069	0.09496	8.21024E-07	6.8750E-04
610560.43	4205924.03	40477.79306	0.00071	0.09277	8.02089E-07	7.1182E-04
610567.43	4205924.03	41832.95556	0.00073	0.09059	7.83241E-07	7.3561E-04
610574.43	4205924.03	43136.96008	0.00076	0.08842	7.64479E-07	7.5850E-04
610581.43	4205924.03	44367.65655	0.00078	0.08626	7.45804E-07	7.8010E-04
610588.43	4205924.03	45503.98188	0.00080	0.08411	7.27215E-07	8.0004E-04
610595.43	4205924.03	46520.25798	0.00082	0.08199	7.08885E-07	8.1787E-04
610602.43	4205924.03	47394.12896	0.00083	0.07988	6.90642E-07	8.3320E-04
610609.43	4205924.03	48100.25725	0.00084	0.07780	6.72658E-07	8.4559E-04
610616.43	4205924.03	48618.48321	0.00085	0.07574	6.54848E-07	8.5467E-04
610623.43	4205924.03	48928.32324	0.00086	0.07371	6.37298E-07	8.6010E-04
610630.43	4205924.03	49011.94552	0.00086	0.07170	6.19918E-07	8.6155E-04
610637.43	4205924.03	48849.27712	0.00086	0.06972	6.02799E-07	8.5868E-04
610644.43	4205924.03	48440.47313	0.00085	0.06777	5.85939E-07	8.5148E-04
610665.43	4205924.03	45773.58461	0.00080	0.06214	5.37262E-07	8.0458E-04
610672.43	4205924.03	44443.3253	0.00078	0.06035	5.21786E-07	7.8120E-04
610679.43	4205924.03	42923.66184	0.00075	0.05859	5.06569E-07	7.5449E-04
610686.43	4205924.03	41239.329	0.00072	0.05688	4.91784E-07	7.2488E-04
610693.43	4205924.03	39416.13547	0.00069	0.05521	4.77345E-07	6.9285E-04
610700.43	4205924.03	37480.7702	0.00066	0.05360	4.63425E-07	6.5884E-04
610707.43	4205924.03	35460.17034	0.00062	0.05203	4.49851E-07	6.2333E-04
610714.43	4205924.03	33381.50152	0.00059	0.05051	4.36709E-07	5.8681E-04
610721.43	4205924.03	31270.17943	0.00055	0.04904	4.24000E-07	5.4971E-04
610728.43	4205924.03	29151.25138	0.00051	0.04762	4.11722E-07	5.1247E-04
610735.43	4205924.03	27049.09857	0.00048	0.04625	3.99877E-07	4.7554E-04
610742.43	4205924.03	24983.04467	0.00044	0.04493	3.88465E-07	4.3923E-04
610749.43	4205924.03	22979.5559	0.00040	0.04366	3.77484E-07	4.0403E-04
610756.43	4205924.03	21057.8055	0.00037	0.04245	3.67022E-07	3.7026E-04
610763.43	4205924.03	19235.39152	0.00034	0.04128	3.56907E-07	3.3824E-04
610770.43	4205924.03	17526.3307	0.00031	0.04016	3.47223E-07	3.0821E-04
610777.43	4205924.03	15940.61335	0.00028	0.03909	3.37972E-07	2.8035E-04
610784.43	4205924.03	14485.26811	0.00025	0.03807	3.29153E-07	2.5477E-04
610791.43	4205924.03	13162.57395	0.00023	0.03709	3.20680E-07	2.3153E-04
610798.43	4205924.03	11969.43101	0.00021	0.03616	3.12639E-07	2.1056E-04
610805.43	4205924.03	10900.92017	0.00019	0.03527	3.04944E-07	1.9179E-04
610812.43	4205924.03	9950.01968	0.00017	0.03442	2.97595E-07	1.7508E-04
610819.43	4205924.03	9107.61391	0.00016	0.03360	2.90505E-07	1.6027E-04
610826.43	4205924.03	8363.89617	0.00015	0.03283	2.83848E-07	1.4720E-04
610833.43	4205924.03	7708.51642	0.00014	0.03209	2.77450E-07	1.3568E-04
610840.43	4205924.03	7131.35997	0.00013	0.03138	2.71311E-07	1.2554E-04
610847.43	4205924.03	6623.03637	0.00012	0.03070	2.65432E-07	1.1660E-04
610854.43	4205924.03	6174.54477	0.00011	0.03005	2.59812E-07	1.0873E-04
610861.43	4205924.03	5778.23519	0.00010	0.02943	2.54452E-07	1.0175E-04
610868.43	4205924.03	5427.13524	0.00010	0.02883	2.49264E-07	9.5581E-05
610875.43	4205924.03	5115.13196	0.00009	0.02826	2.44336E-07	9.0095E-05
610882.43	4205924.03	4837.11313	0.00008	0.02772	2.39667E-07	8.5207E-05
610889.43	4205924.03	4588.49471	0.00008	0.02719	2.35085E-07	8.0835E-05
610910.43	4205924.03	3982.84847	0.00007	0.02573	2.22461E-07	7.0184E-05
610917.43	4205924.03	3818.13139	0.00007	0.02527	2.18484E-07	6.7287E-05
610924.43	4205924.03	3668.12496	0.00006	0.02484	2.14767E-07	6.4648E-05
610931.43	4205924.03	3531.06221	0.00006	0.02441	2.11049E-07	6.2237E-05
610938.43	4205924.03	3405.36613	0.00006	0.02400	2.07504E-07	6.0025E-05
610945.43	4205924.03	3289.65381	0.00006	0.02361	2.04132E-07	5.7989E-05
610952.43	4205924.03	3182.69241	0.00006	0.02322	2.00760E-07	5.6107E-05
610959.43	4205924.03	3083.56153	0.00005	0.02285	1.97561E-07	5.4363E-05
610966.43	4205924.03	2991.30471	0.00005	0.02249	1.94448E-07	5.2739E-05
610973.43	4205924.03	2905.18744	0.00005	0.02214	1.91422E-07	5.1223E-05
611001.43	4205924.03	2610.02449	0.00005	0.02083	1.80096E-07	4.6027E-05
611008.43	4205924.03	2546.18631	0.00004	0.02052	1.77416E-07	4.4903E-05
611015.43	4205924.03	2485.62607	0.00004	0.02022	1.74822E-07	4.3837E-05
611022.43	4205924.03	2427.99602	0.00004	0.01993	1.72315E-07	4.2822E-05
611029.43	4205924.03	2373.03804	0.00004	0.01964	1.69807E-07	4.1854E-05
611036.43	4205924.03	2320.5341	0.00004	0.01936	1.67386E-07	4.0929E-05
611043.43	4205924.03	2270.28865	0.00004	0.01909	1.65052E-07	4.0044E-05
611050.43	4205924.03	2222.15512	0.00004	0.01883	1.62804E-07	3.9197E-05
611057.43	4205924.03	2175.91236	0.00004	0.01857	1.60556E-07	3.8382E-05
611064.43	4205924.03	2131.45432	0.00004	0.01831	1.58308E-07	3.7599E-05
611071.43	4205924.03	2088.62229	0.00004	0.01806	1.56147E-07	3.6844E-05
611078.43	4205924.03	2047.37444	0.00004	0.01782	1.54072E-07	3.6118E-05
611085.43	4205924.03	2007.60737	0.00004	0.01758	1.51997E-07	3.5417E-05
611092.43	4205924.03	1969.16283	0.00003	0.01735	1.50008E-07	3.4740E-05
610294.43	4205931.03	8797.81516	0.00015	0.16827	1.45486E-06	1.5599E-04
610301.43	4205931.03	9124.17389	0.00016	0.16692	1.44319E-06	1.6172E-04
610308.43	4205931.03	9465.93313	0.00017	0.16553	1.43117E-06	1.6771E-04
610315.43	4205931.03	9824.0592	0.00017	0.16410	1.41881E-06	1.7399E-04
610322.43	4205931.03	10199.30011	0.00018	0.16263	1.40610E-06	1.8056E-04
610329.43	4205931.03	10592.70459	0.00019	0.16112	1.39304E-06	1.8744E-04
610336.43	4205931.03	11005.14042	0.00019	0.15958	1.37973E-06	1.9469E-04
610343.43	4205931.03	11438.25745	0.00020	0.15801	1.36615E-06	2.0229E-04
610350.43	4205931.03	11897.1849	0.00021	0.15646	1.35275E-06	2.1034E-04
610357.43	4205931.03	12379.55463	0.00022	0.15488	1.33909E-06	2.1880E-04
610364.43	4205931.03	12885.30592	0.00023	0.15326	1.32509E-06	2.2766E-04
610371.43	4205931.03	13416.97987	0.00024	0.15160	1.31073E-06	2.3699E-04
610378.43	4205931.03	13974.77056	0.00025	0.14991	1.29612E-06	2.4677E-04
610385.43	4205931.03	14561.33658	0.00026	0.14818	1.28116E-06	2.5706E-04
610392.43	4205931.03	15176.77524	0.00027	0.14641	1.26586E-06	2.6788E-04
610399.43	4205931.03	15824.23818	0.00028	0.14462	1.25038E-06	2.7921E-04
610406.43	4205931.03	16503.63734	0.00029	0.14279	1.23456E-06	2.9113E-04
610413.43	4205931.03	17217.52179	0.00030	0.14092	1.21839E-06	3.0366E-04
610420.43	4205931.03	17967.58836	0.00032	0.13902	1.20197E-06	3.1682E-04
610427.43	4205931.03	18753.73015	0.00033	0.13708	1.18519E-06	3.3061E-04
610434.43	4205931.03	19580.68491	0.00034	0.13511	1.16816E-06	3.4512E-04
610441.43	4205931.03	20449.15963	0.00036	0.13312	1.15095E-06	3.6036E-04
610448.43	4205931.03	21361.19475	0.00038	0.13108	1.13332E-06	3.7636E-04
610455.43	4205931.03	22317.51948	0.00039	0.12900	1.11533E-06	3.9314E-04
610462.43	4205931.03	23322.12052	0.00041	0.12690	1.09718E-06	4.1077E-04
610469.43	4205931.03	24375.60278	0.00043	0.12477	1.07876E-06	4.2925E-04
610476.43	4205931.03	25479.71153	0.00045	0.12261	1.06009E-06	4.4863E-04
610483.43	4205931.03	26635.53924	0.00047	0.12043	1.04124E-06	4.6891E-04
610490.43	4205931.03	27844.36078	0.00049	0.11822	1.02213E-06	4.9013E-04
610504.43	4205931.03	30426.33013	0.00053	0.11377	9.83655E-07	5.3544E-04
610511.43	4205931.03	31797.43789	0.00056	0.11153	9.64288E-07	5.5951E-04
610518.43	4205931.03	33217.88497	0.00058	0.10927	9.44748E-07	5.8444E-04
610525.43	4205931.03	34687.29186	0.00061	0.10700	9.25121E-07	6.1023E-04
610532.43	4205931.03	36197.50909	0.00064	0.10473	9.05495E-07	6.3674E-04
610539.43	4205931.03	37744.6684	0.00066	0.10245	8.85782E-07	6.6390E-04
610546.43	4205931.03	39316.32979	0.00069	0.10016	8.65983E-07	6.9149E-04
610553.43	4205931.03	40903.42784	0.00072	0.09788	8.46270E-07	7.1934E-04
610560.43	4205931.03	42489.30948	0.00075	0.09560	8.26557E-07	7.4718E-04
610567.43	4205931.03	44054.24048	0.00077	0.09333	8.06931E-07	7.7465E-04
610574.43	4205931.03	45579.34186	0.00080	0.09107	7.87391E-07	8.0142E-04
610581.43	4205931.03	47037.39526	0.00083	0.08883	7.68024E-07	8.2701E-04
610588.43	4205931.03	48403.5356	0.00085	0.08660	7.48743E-07	8.5099E-04
610595.43	4205931.03	49646.55158	0.00087	0.08439	7.29636E-07	8.7281E-04
610602.43	4205931.03	50738.5469	0.00089	0.08220	7.10701E-07	8.9197E-04
610609.43	4205931.03	51648.89863	0.00091	0.08003	6.91939E-07	9.0794E-04
610616.43	4205931.03	52348.05673	0.00092	0.07789	6.73437E-07	9.2021E-04
610623.43	4205931.03	52812.74513	0.00093	0.07577	6.55107E-07	9.2835E-04
610630.43	4205931.03	53018.25816	0.00093	0.07368	6.37037E-07	9.3194E-04
610637.43	4205931.03	52939.52105	0.00093	0.07162	6.19226E-07	9.3054E-04
610644.43	4205931.03	52574.33091	0.00092	0.06960	6.01761E-07	9.2411E-04
610651.43	4205931.03	51922.37512	0.00091	0.06761	5.84556E-07	9.1264E-04
610672.43	4205931.03	48352.40941	0.00085	0.06188	5.35014E-07	8.4988E-04
610679.43	4205931.03	46691.47626	0.00082	0.06006	5.19278E-07	8.2069E-04
610686.43	4205931.03	44840.28863	0.00079	0.05828	5.03889E-07	7.8816E-04
610693.43	4205931.03	42829.48189	0.00075	0.05655	4.88931E-07	7.5282E-04
610700.43	4205931.03	40689.28599	0.00071	0.05487	4.74406E-07	7.1521E-04
610707.43	4205931.03	38450.33166	0.00068	0.05325	4.60399E-07	6.7587E-04
610714.43	4205931.03	36142.84002	0.00063	0.05167	4.46739E-07	6.3532E-04
610721.43	4205931.03	33795.43177	0.00059	0.05015	4.33597E-07	5.9408E-04
610728.43	4205931.03	31436.97873	0.00055	0.04868	4.20887E-07	5.5263E-04
610735.43	4205931.03	29093.32358	0.00051	0.04727	4.08696E-07	5.1145E-04
610742.43	4205931.03	26792.629	0.00047	0.04590	3.96851E-07	4.7103E-04
610749.43	4205931.03	24563.73066	0.00043	0.04460	3.85611E-07	4.3187E-04
610756.43	4205931.03	22430.68041	0.00039	0.04334	3.74717E-07	3.9439E-04
610763.43	4205931.03	20414.267	0.00036	0.04214	3.64342E-07	3.5898E-04
610770.43	4205931.03	18530.80244	0.00033	0.04099	3.54399E-07	3.2586E-04
610777.43	4205931.03	16792.8046	0.00029	0.03988	3.44802E-07	2.9532E-04
610784.43	4205931.03	15207.43886	0.00027	0.03883	3.35724E-07	2.6747E-04
610791.43	4205931.03	13776.39132	0.00024	0.03783	3.27078E-07	2.4232E-04
610798.43	4205931.03	12494.87118	0.00022	0.03687	3.18778E-07	2.1980E-04
610805.43	4205931.03	11355.73261	0.00020	0.03595	3.10824E-07	1.9979E-04
610812.43	4205931.03	10349.33371	0.00018	0.03508	3.03302E-07	1.8210E-04
610819.43	4205931.03	9463.88634	0.00017	0.03425	2.96125E-07	1.6654E-04
610826.43	4205931.03	8686.94479	0.00015	0.03345	2.89209E-07	1.5288E-04
610833.43	4205931.03	8006.01022	0.00014	0.03269	2.82638E-07	1.4091E-04
610840.43	4205931.03	7409.12033	0.00013	0.03196	2.76326E-07	1.3042E-04
610847.43	4205931.03	6885.23732	0.00012	0.03127	2.70360E-07	1.2121E-04
610854.43	4205931.03	6424.47902	0.00011	0.03061	2.64654E-07	1.1313E-04
610861.43	4205931.03	6018.10434	0.00011	0.02997	2.59120E-07	1.0597E-04
610868.43	4205931.03	5658.71166	0.00010	0.02936	2.53846E-07	9.9653E-05
610875.43	4205931.03	5339.60107	0.00009	0.02878	2.48832E-07	9.4043E-05
610882.43	4205931.03	5055.3536	0.00009	0.02822	2.43990E-07	8.9045E-05
610889.43	4205931.03	4801.15333	0.00008	0.02768	2.39321E-07	8.4575E-05
610910.43	4205931.03	4181.17163	0.00007	0.02618	2.26352E-07	7.3672E-05
610917.43	4205931.03	4012.15705	0.00007	0.02572	2.22375E-07	7.0699E-05
610924.43	4205931.03	3858.02214	0.00007	0.02527	2.18484E-07	6.7987E-05
610931.43	4205931.03	3716.92144	0.00007	0.02484	2.14767E-07	6.5505E-05
610938.43	4205931.03	3587.2212	0.00006	0.02442	2.11135E-07	6.3223E-05
610945.43	4205931.03	3467.62725	0.00006	0.02402	2.07677E-07	6.1119E-05
610952.43	4205931.03	3356.85078	0.00006	0.02362	2.04218E-07	5.9170E-05
610959.43	4205931.03	3253.86521	0.00006	0.02324	2.00933E-07	5.7357E-05
610966.43	4205931.03	3157.85288	0.00006	0.02287	1.97734E-07	5.5668E-05
610973.43	4205931.03	3068.04605	0.00005	0.02251	1.94621E-07	5.4087E-05
611001.43	4205931.03	2758.52559	0.00005	0.02117	1.83036E-07	4.8639E-05
611008.43	4205931.03	2691.24233	0.00005	0.02085	1.80269E-07	4.7454E-05
611015.43	4205931.03	2627.24573	0.00005	0.02055	1.77675E-07	4.6327E-05
611022.43	4205931.03	2566.28469	0.00005	0.02025	1.75081E-07	4.5254E-05
611029.43	4205931.03	2508.08569	0.00004	0.01996	1.72574E-07	4.4229E-05

611036.43	4205931.03	2452.38203	0.00004	0.01967	1.70067E-07	4.3248E-05
611043.43	4205931.03	2399.01208	0.00004	0.01939	1.67646E-07	4.2308E-05
611050.43	4205931.03	2347.80057	0.00004	0.01912	1.65311E-07	4.1408E-05
611057.43	4205931.03	2298.57251	0.00004	0.01886	1.63063E-07	4.0539E-05
611064.43	4205931.03	2251.16624	0.00004	0.01860	1.60816E-07	3.9704E-05
611071.43	4205931.03	2205.51905	0.00004	0.01834	1.58568E-07	3.8900E-05
611078.43	4205931.03	2161.48127	0.00004	0.01809	1.56406E-07	3.8124E-05
611085.43	4205931.03	2118.97399	0.00004	0.01785	1.54331E-07	3.7376E-05
611092.43	4205931.03	2077.89109	0.00004	0.01762	1.52342E-07	3.6652E-05
610294.43	4205938.03	8780.46207	0.00015	0.17345	1.49965E-06	1.5573E-04
610301.43	4205938.03	9109.60124	0.00016	0.17207	1.48772E-06	1.6150E-04
610308.43	4205938.03	9454.59116	0.00017	0.17066	1.47553E-06	1.6752E-04
610315.43	4205938.03	9816.45877	0.00017	0.16921	1.46299E-06	1.7390E-04
610322.43	4205938.03	10195.95748	0.00018	0.16771	1.45002E-06	1.8055E-04
610329.43	4205938.03	10594.19273	0.00019	0.16618	1.43678E-06	1.8753E-04
610336.43	4205938.03	11011.56805	0.00019	0.16461	1.42322E-06	1.9485E-04
610343.43	4205938.03	11451.44833	0.00020	0.16301	1.40938E-06	2.0256E-04
610350.43	4205938.03	11917.53403	0.00021	0.16143	1.39572E-06	2.1074E-04
610357.43	4205938.03	12407.26985	0.00022	0.15981	1.38172E-06	2.1932E-04
610364.43	4205938.03	12922.71705	0.00023	0.15816	1.36745E-06	2.2836E-04
610371.43	4205938.03	13464.06807	0.00024	0.15647	1.35284E-06	2.3786E-04
610378.43	4205938.03	14034.02571	0.00025	0.15474	1.33788E-06	2.4786E-04
610385.43	4205938.03	14632.86613	0.00026	0.15297	1.32258E-06	2.5836E-04
610392.43	4205938.03	15263.66261	0.00027	0.15117	1.30702E-06	2.6942E-04
610399.43	4205938.03	15926.62421	0.00028	0.14933	1.29111E-06	2.8105E-04
610406.43	4205938.03	16625.23903	0.00029	0.14746	1.27494E-06	2.9331E-04
610413.43	4205938.03	17359.80291	0.00030	0.14554	1.25834E-06	3.0620E-04
610420.43	4205938.03	18132.09381	0.00032	0.14359	1.24148E-06	3.1974E-04
610427.43	4205938.03	18944.28674	0.00033	0.14159	1.22419E-06	3.3399E-04
610434.43	4205938.03	19799.14736	0.00035	0.13956	1.20664E-06	3.4899E-04
610441.43	4205938.03	20699.26748	0.00036	0.13750	1.18882E-06	3.6479E-04
610448.43	4205938.03	21646.87547	0.00038	0.13538	1.17049E-06	3.8141E-04
610455.43	4205938.03	22644.24413	0.00040	0.13323	1.15191E-06	3.9891E-04
610462.43	4205938.03	23693.89372	0.00042	0.13105	1.13306E-06	4.1733E-04
610469.43	4205938.03	24798.30231	0.00044	0.12885	1.11404E-06	4.3671E-04
610476.43	4205938.03	25959.56198	0.00046	0.12661	1.09467E-06	4.5709E-04
610483.43	4205938.03	27180.02301	0.00048	0.12435	1.07513E-06	4.7851E-04
610490.43	4205938.03	28462.96368	0.00050	0.12206	1.05533E-06	5.0103E-04
610504.43	4205938.03	31223.24925	0.00055	0.11746	1.01556E-06	5.4947E-04
610511.43	4205938.03	32700.68537	0.00057	0.11513	9.95413E-07	5.7541E-04
610518.43	4205938.03	34240.64479	0.00060	0.11278	9.75095E-07	6.0244E-04
610525.43	4205938.03	35844.2857	0.00063	0.11043	9.54777E-07	6.3059E-04
610532.43	4205938.03	37504.70815	0.00066	0.10806	9.34286E-07	6.5973E-04
610539.43	4205938.03	39219.23423	0.00069	0.10569	9.13795E-07	6.8983E-04
610546.43	4205938.03	40977.98772	0.00072	0.10332	8.93304E-07	7.2079E-04
610553.43	4205938.03	42767.64627	0.00075	0.10094	8.72727E-07	7.5212E-04
610560.43	4205938.03	44576.1212	0.00078	0.09858	8.52322E-07	7.8386E-04
610567.43	4205938.03	46380.90195	0.00081	0.09621	8.31831E-07	8.1555E-04
610574.43	4205938.03	48160.77979	0.00085	0.09386	8.11513E-07	8.4679E-04
610581.43	4205938.03	49885.27682	0.00088	0.09152	7.91281E-07	8.7706E-04
610588.43	4205938.03	51524.56492	0.00091	0.08920	7.71223E-07	9.0584E-04
610595.43	4205938.03	53042.05804	0.00093	0.08690	7.51337E-07	9.3247E-04
610602.43	4205938.03	54399.78788	0.00096	0.08462	7.31624E-07	9.5630E-04
610609.43	4205938.03	55562.16488	0.00098	0.08237	7.12171E-07	9.7670E-04
610616.43	4205938.03	56490.4061	0.00099	0.08014	6.92890E-07	9.9299E-04
610623.43	4205938.03	57153.42127	0.00100	0.07793	6.73782E-07	1.0046E-03
610630.43	4205938.03	57518.77439	0.00101	0.07576	6.55021E-07	1.0118E-03
610637.43	4205938.03	57554.41638	0.00101	0.07362	6.36518E-07	1.0116E-03
610644.43	4205938.03	57254.06641	0.00101	0.07151	6.18275E-07	1.0063E-03
610651.43	4205938.03	56616.29283	0.00099	0.06944	6.00378E-07	9.9511E-04
610672.43	4205938.03	52805.01681	0.00093	0.06348	5.48848E-07	9.2811E-04
610679.43	4205938.03	50985.95753	0.00090	0.06159	5.32507E-07	8.9614E-04
610686.43	4205938.03	48947.56644	0.00086	0.05974	5.16512E-07	8.6032E-04
610693.43	4205938.03	46725.93254	0.00082	0.05795	5.01035E-07	8.2128E-04
610700.43	4205938.03	44355.16193	0.00078	0.05621	4.85991E-07	7.7962E-04
610707.43	4205938.03	41869.37991	0.00074	0.05452	4.71380E-07	7.3594E-04
610714.43	4205938.03	39301.77564	0.00069	0.05289	4.57287E-07	6.9082E-04
610721.43	4205938.03	36683.95911	0.00064	0.05131	4.43626E-07	6.4482E-04
610728.43	4205938.03	34047.96372	0.00060	0.04979	4.30484E-07	5.9851E-04
610735.43	4205938.03	31423.31766	0.00055	0.04832	4.17774E-07	5.5239E-04
610742.43	4205938.03	28848.10504	0.00051	0.04691	4.05584E-07	5.0714E-04
610749.43	4205938.03	26355.77665	0.00046	0.04556	3.93912E-07	4.6335E-04
610756.43	4205938.03	23974.45942	0.00042	0.04427	3.82758E-07	4.2151E-04
610763.43	4205938.03	21731.55481	0.00038	0.04303	3.72037E-07	3.8210E-04
610770.43	4205938.03	19645.99388	0.00035	0.04184	3.61748E-07	3.4544E-04
610777.43	4205938.03	17733.09687	0.00031	0.04071	3.51978E-07	3.1185E-04
610784.43	4205938.03	16000.25313	0.00028	0.03962	3.42554E-07	2.8140E-04
610791.43	4205938.03	14448.29235	0.00025	0.03859	3.33649E-07	2.5413E-04
610798.43	4205938.03	13069.7621	0.00023	0.03760	3.25089E-07	2.2991E-04
610805.43	4205938.03	11854.57161	0.00021	0.03666	3.16862E-07	2.0855E-04
610812.43	4205938.03	10789.39441	0.00019	0.03577	3.09267E-07	1.8983E-04
610819.43	4205938.03	9859.1095	0.00017	0.03491	3.01832E-07	1.7348E-04
610826.43	4205938.03	9048.00024	0.00016	0.03410	2.94628E-07	1.5923E-04
610833.43	4205938.03	8340.93447	0.00015	0.03332	2.88085E-07	1.4688E-04
610840.43	4205938.03	7723.82276	0.00014	0.03257	2.81600E-07	1.3596E-04
610847.43	4205938.03	7183.98783	0.00013	0.03186	2.75465E-07	1.2647E-04
610854.43	4205938.03	6710.41992	0.00012	0.03118	2.69582E-07	1.1814E-04
610861.43	4205938.03	6293.50846	0.00011	0.03053	2.63962E-07	1.1081E-04
610868.43	4205938.03	5935.05211	0.00010	0.02991	2.58602E-07	1.0434E-04
610875.43	4205938.03	5598.11377	0.00010	0.02931	2.53414E-07	9.8588E-05
610882.43	4205938.03	5306.81124	0.00009	0.02874	2.48486E-07	9.3467E-05
610889.43	4205938.03	5046.11637	0.00009	0.02819	2.43731E-07	8.8882E-05
610910.43	4205938.03	4409.0021	0.00008	0.02665	2.30416E-07	7.7678E-05
610917.43	4205938.03	4234.75229	0.00007	0.02618	2.26352E-07	7.4613E-05
610924.43	4205938.03	4075.52743	0.00007	0.02572	2.22375E-07	7.1812E-05
610931.43	4205938.03	3929.44117	0.00007	0.02528	2.18571E-07	6.9242E-05
610938.43	4205938.03	3794.78714	0.00007	0.02485	2.14853E-07	6.6873E-05
610945.43	4205938.03	3670.30188	0.00006	0.02444	2.11308E-07	6.4683E-05
610952.43	4205938.03	3554.72229	0.00006	0.02403	2.07763E-07	6.2649E-05
610959.43	4205938.03	3447.07135	0.00006	0.02364	2.04391E-07	6.0755E-05
610966.43	4205938.03	3346.41072	0.00006	0.02326	2.01106E-07	5.8983E-05
610973.43	4205938.03	3251.98301	0.00006	0.02290	1.97993E-07	5.7321E-05
611001.43	4205938.03	2924.9548	0.00005	0.02152	1.86062E-07	5.1565E-05
611008.43	4205938.03	2853.50188	0.00005	0.02120	1.83295E-07	5.0307E-05
611015.43	4205938.03	2785.43431	0.00005	0.02089	1.80615E-07	4.9109E-05
611022.43	4205938.03	2720.4764	0.00005	0.02058	1.77935E-07	4.7965E-05
611029.43	4205938.03	2658.37681	0.00005	0.02028	1.75341E-07	4.6872E-05
611036.43	4205938.03	2598.859	0.00005	0.01999	1.72833E-07	4.5824E-05
611043.43	4205938.03	2541.78045	0.00004	0.01970	1.70326E-07	4.4819E-05
611050.43	4205938.03	2486.94349	0.00004	0.01943	1.67902E-07	4.3853E-05
611057.43	4205938.03	2434.18174	0.00004	0.01915	1.65571E-07	4.2924E-05
611064.43	4205938.03	2383.34331	0.00004	0.01889	1.63323E-07	4.2028E-05
611082.43	4205938.03	2197.24368	0.00004	0.01789	1.54677E-07	3.8751E-05
610294.43	4205945.03	8757.64577	0.00015	0.17885	1.54634E-06	1.5538E-04
610301.43	4205945.03	9088.76977	0.00016	0.17745	1.53423E-06	1.6119E-04
610308.43	4205945.03	9436.67686	0.00017	0.17602	1.52187E-06	1.6728E-04
610315.43	4205945.03	9801.73588	0.00017	0.17454	1.50907E-06	1.7368E-04
610322.43	4205945.03	10185.05274	0.00018	0.17302	1.49593E-06	1.8040E-04
610329.43	4205945.03	10587.61353	0.00019	0.17147	1.48253E-06	1.8746E-04
610336.43	4205945.03	11010.55909	0.00019	0.16987	1.46870E-06	1.9488E-04
610343.43	4205945.03	11455.54108	0.00020	0.16824	1.45460E-06	2.0268E-04
610350.43	4205945.03	11928.7258	0.00021	0.16664	1.44077E-06	2.1098E-04
610357.43	4205945.03	12425.99137	0.00022	0.16499	1.42650E-06	2.1970E-04
610364.43	4205945.03	12949.85395	0.00023	0.16330	1.41189E-06	2.2889E-04
610371.43	4205945.03	13500.80626	0.00024	0.16157	1.39693E-06	2.3855E-04
610378.43	4205945.03	14081.62005	0.00025	0.15981	1.38172E-06	2.4874E-04
610385.43	4205945.03	14692.7046	0.00026	0.15800	1.36607E-06	2.5945E-04
610392.43	4205945.03	15336.49945	0.00027	0.15615	1.35007E-06	2.7075E-04
610399.43	4205945.03	16015.89078	0.00028	0.15427	1.33382E-06	2.8266E-04
610406.43	4205945.03	16731.19143	0.00029	0.15235	1.31722E-06	2.9521E-04
610413.43	4205945.03	17486.34581	0.00031	0.15040	1.30036E-06	3.0846E-04
610420.43	4205945.03	18279.88786	0.00032	0.14838	1.28289E-06	3.2238E-04
610427.43	4205945.03	19116.00368	0.00034	0.14632	1.26508E-06	3.3705E-04
610434.43	4205945.03	19999.01771	0.00035	0.14423	1.24701E-06	3.5254E-04
610441.43	4205945.03	20929.64571	0.00037	0.14208	1.22842E-06	3.6887E-04
610448.43	4205945.03	21911.71462	0.00038	0.13990	1.20957E-06	3.8610E-04
610455.43	4205945.03	22948.19982	0.00040	0.13768	1.19038E-06	4.0431E-04
610462.43	4205945.03	24042.97308	0.00042	0.13542	1.17084E-06	4.2350E-04
610469.43	4205945.03	25197.1994	0.00044	0.13313	1.15104E-06	4.4376E-04
610476.43	4205945.03	26416.36943	0.00046	0.13082	1.13107E-06	4.6515E-04
610483.43	4205945.03	27700.94582	0.00049	0.12847	1.11075E-06	4.8770E-04
610490.43	4205945.03	29056.77439	0.00051	0.12610	1.09026E-06	5.1149E-04
610504.43	4205945.03	31997.17415	0.00056	0.12133	1.04902E-06	5.6316E-04
610511.43	4205945.03	33583.39225	0.00059	0.11891	1.02810E-06	5.9094E-04
610518.43	4205945.03	35246.56243	0.00062	0.11647	1.00700E-06	6.2014E-04
610525.43	4205945.03	36990.03257	0.00065	0.11403	9.85903E-07	6.5074E-04
610532.43	4205945.03	38810.1879	0.00068	0.11157	9.64634E-07	6.8269E-04
610539.43	4205945.03	40701.63411	0.00071	0.10911	9.43365E-07	7.1590E-04
610546.43	4205945.03	42660.91176	0.00075	0.10664	9.22009E-07	7.5029E-04
610553.43	4205945.03	44674.1852	0.00078	0.10417	9.00653E-07	7.8564E-04
610560.43	4205945.03	46730.37689	0.00082	0.10170	8.79298E-07	8.2173E-04
610567.43	4205945.03	48806.28086	0.00086	0.09924	8.58029E-07	8.5818E-04
610574.43	4205945.03	50879.46503	0.00089	0.09679	8.36846E-07	8.9457E-04
610581.43	4205945.03	52916.80416	0.00093	0.09436	8.15836E-07	9.3034E-04
610588.43	4205945.03	54879.31951	0.00096	0.09194	7.94913E-07	9.6479E-04
610595.43	4205945.03	56727.1652	0.00100	0.08955	7.74249E-07	9.9723E-04
610602.43	4205945.03	58411.7062	0.00103	0.08717	7.53671E-07	1.0268E-03
610609.43	4205945.03	59887.67965	0.00105	0.08482	7.33353E-07	1.0527E-03
610616.43	4205945.03	61105.42136	0.00107	0.08249	7.13208E-07	1.0741E-03
610623.43	4205945.03	62022.99478	0.00109	0.08020	6.93409E-07	1.0902E-03
610630.43	4205945.03	62597.77213	0.00110	0.07793	6.73782E-07	1.1002E-03
610637.43	4205945.03	62788.25963	0.00110	0.07570	6.54502E-07	1.1036E-03
610644.43	4205945.03	62582.06575	0.00110	0.07351	6.35567E-07	1.0999E-03
610651.43	4205945.03	61975.14629	0.00109	0.07135	6.16892E-07	1.0893E-03
610658.43	4205945.03	60976.68397	0.00107	0.06924	5.98649E-07	1.0717E-03
610679.43	4205945.03	55909.18721	0.00098	0.06318	5.46254E-07	9.8263E-04
610686.43	4205945.03	53660.94145	0.00094	0.06126	5.29654E-07	9.4312E-04
610693.43	4205945.03	51201.3981	0.00090	0.05940	5.13572E-07	8.9990E-04
610700.43	4205945.03	48571.7233	0.00085	0.05759	4.97923E-07	8.5370E-04
610707.43	4205945.03	45808.24273	0.00080	0.05584	4.82792E-07	8.0514E-04
610714.43	4205945.03	42945.00309	0.00075	0.05415	4.68181E-07	7.5483E-04
610721.43	4205945.03	40017.16838	0.00070	0.05251	4.54001E-07	7.0338E-04
610728.43	4205945.03	37053.22355	0.00065	0.05094	4.40427E-07	6.5131E-04
610735.43	4205945.03	34103.21522	0.00060	0.04942	4.27285E-07	5.9948E-04
610742.43	4205945.03	31205.04265	0.00055	0.04796	4.14662E-07	5.4855E-04
610749.43	4205945.03	28399.90347	0.00050	0.04657	4.02644E-07	4.9927E-04
610756.43	4205945.03	25725.38039	0.00045	0.04523	3.91058E-07	4.5228E-04
610763.43	4205945.03	23214.99695	0.00041	0.04395	3.79991E-07	4.0817E-04
610770.43	4205945.03	20893.08017	0.00037	0.04273	3.69443E-07	3.6737E-04
610777.43	4205945.03	18777.41929	0.00033	0.04156	3.59328E-07	3.3020E-04
610784.43	4205945.03	16876.88673	0.00030	0.04044	3.49644E-07	2.9686E-04
610791.43	4205945.03	15189.44986	0.00027	0.03938	3.40479E-07	2.6715E-04
610798.43	4205945.03	13704.58425	0.00024	0.03837	3.31747E-07	2.4106E-04
610805.43	4205945.03	12407.49647	0.00022	0.03740	3.23360E-07	2.1827E-04
610812.43	4205945.03	11280.45882	0.00020	0.03648	3.15406E-07	1.9846E-04
610819.43	4205945.03	10303.36116	0.00018	0.03560	3.07797E-07	1.8129E-04
610826.43	4205945.03	9457.08135	0.00017	0.03476	3.00535E-07	1.6642E-04
610833.43	4205945.03	8723.1025	0.00015	0.03397	2.93704E-07	1.5352E-04
610840.43	4205945.03	8085.14726	0.00014	0.03320	2.87047E-07	1.4231E-04
610847.43	4205945.03	7528.75877	0.00013	0.03247	2.80735E-07	1.3253E-04
610854.43	4205945.03	7041.49567	0.00012	0.03178	2.74770E-07	1.2396E-04
610861.43	4205945.03	6612.94352	0.00012	0.03111	2.68977E-07	1.1643E-04
610868.43	4205945.03	6234.4084	0.00011	0.03047	2.63443E-07	1.0978E-04
610875.43	4205945.03	5898.42433	0.00010	0.02986	2.58169E-07	1.0387E-04
610882.43	4205945.03	5598.88719	0.00010	0.02927	2.53068E-07	9.8602E-05
610910.43	4205945.03	4672.31227	0.00008	0.02714	2.34652E-07	8.2307E-05

610917.43	4205945.03	4491.41679	0.00008	0.02666	2.30502E-07	7.912E-05
610924.43	4205945.03	4325.67346	0.00008	0.02619	2.26439E-07	7.621E-05
610931.43	4205945.03	4173.26084	0.00007	0.02573	2.22463E-07	7.352E-05
610938.43	4205945.03	4032.45649	0.00007	0.02530	2.18744E-07	7.105E-05
610945.43	4205945.03	3901.85506	0.00007	0.02487	2.15026E-07	6.875E-05
610952.43	4205945.03	3780.3005	0.00007	0.02446	2.11481E-07	6.661E-05
610959.43	4205945.03	3666.74321	0.00006	0.02406	2.08023E-07	6.461E-05
610966.43	4205945.03	3560.29241	0.00006	0.02367	2.04651E-07	6.274E-05
610973.43	4205945.03	3460.30742	0.00006	0.02329	2.01365E-07	6.098E-05
611001.43	4205945.03	3111.75144	0.00005	0.02189	1.89261E-07	5.484E-05
611008.43	4205945.03	3035.21111	0.00005	0.02156	1.86408E-07	5.350E-05
611015.43	4205945.03	2962.22379	0.00005	0.02123	1.83554E-07	5.221E-05
611022.43	4205945.03	2892.45513	0.00005	0.02092	1.80874E-07	5.098E-05
611029.43	4205945.03	2825.68373	0.00005	0.02061	1.78194E-07	4.981E-05
611036.43	4205945.03	2761.62116	0.00005	0.02032	1.75687E-07	4.868E-05
611043.43	4205945.03	2700.12261	0.00005	0.02003	1.73179E-07	4.760E-05
611050.43	4205945.03	2640.98273	0.00005	0.01974	1.70672E-07	4.656E-05
611057.43	4205945.03	2584.05891	0.00005	0.01946	1.68251E-07	4.559E-05
611064.43	4205945.03	2529.19011	0.00004	0.01919	1.65917E-07	4.459E-05
611092.43	4205945.03	2328.12195	0.00004	0.01817	1.57098E-07	4.105E-05
610294.43	4205952.03	8728.98785	0.00015	0.18450	1.59519E-06	1.549E-04
610301.43	4205952.03	9062.66675	0.00016	0.18308	1.58291E-06	1.607E-04
610308.43	4205952.03	9412.93043	0.00017	0.18162	1.57029E-06	1.669E-04
610315.43	4205952.03	9780.97239	0.00017	0.18013	1.55740E-06	1.733E-04
610322.43	4205952.03	10167.60646	0.00018	0.17859	1.54409E-06	1.801E-04
610329.43	4205952.03	10574.06635	0.00019	0.17700	1.53034E-06	1.872E-04
610336.43	4205952.03	11001.4165	0.00019	0.17538	1.51633E-06	1.947E-04
610343.43	4205952.03	11451.61145	0.00020	0.17371	1.50190E-06	2.026E-04
610350.43	4205952.03	11930.15407	0.00021	0.17208	1.48780E-06	2.110E-04
610357.43	4205952.03	12434.88317	0.00022	0.17040	1.47328E-06	2.199E-04
610364.43	4205952.03	12966.02289	0.00023	0.16868	1.45841E-06	2.292E-04
610371.43	4205952.03	13526.42723	0.00024	0.16692	1.44319E-06	2.390E-04
610378.43	4205952.03	14116.64308	0.00025	0.16512	1.42763E-06	2.494E-04
610385.43	4205952.03	14739.90499	0.00026	0.16328	1.41172E-06	2.603E-04
610392.43	4205952.03	15396.70131	0.00027	0.16138	1.39529E-06	2.718E-04
610399.43	4205952.03	16090.73145	0.00028	0.15946	1.37869E-06	2.840E-04
610406.43	4205952.03	16822.7033	0.00030	0.15749	1.36166E-06	2.968E-04
610413.43	4205952.03	17596.6925	0.00031	0.15549	1.34437E-06	3.104E-04
610420.43	4205952.03	18410.42868	0.00032	0.15342	1.32647E-06	3.247E-04
610427.43	4205952.03	19270.2749	0.00034	0.15130	1.30814E-06	3.398E-04
610434.43	4205952.03	20178.10602	0.00035	0.14912	1.28929E-06	3.557E-04
610441.43	4205952.03	21139.1192	0.00037	0.14690	1.27010E-06	3.725E-04
610448.43	4205952.03	22154.34091	0.00039	0.14464	1.25056E-06	3.904E-04
610455.43	4205952.03	23229.53301	0.00041	0.14235	1.23076E-06	4.092E-04
610462.43	4205952.03	24367.39967	0.00043	0.14002	1.21061E-06	4.292E-04
610469.43	4205952.03	25570.14976	0.00045	0.13764	1.19003E-06	4.503E-04
610476.43	4205952.03	26844.67927	0.00047	0.13524	1.16928E-06	4.727E-04
610483.43	4205952.03	28193.73897	0.00050	0.13281	1.14827E-06	4.963E-04
610490.43	4205952.03	29621.61347	0.00052	0.13035	1.12701E-06	5.214E-04
610504.43	4205952.03	32742.21181	0.00058	0.12540	1.08421E-06	5.762E-04
610511.43	4205952.03	34438.54412	0.00060	0.12289	1.06251E-06	6.060E-04
610518.43	4205952.03	36229.2958	0.00064	0.12036	1.04063E-06	6.374E-04
610525.43	4205952.03	38115.04655	0.00067	0.11782	1.01867E-06	6.705E-04
610532.43	4205952.03	40100.13736	0.00070	0.11527	9.96624E-07	7.053E-04
610539.43	4205952.03	42179.67728	0.00074	0.11270	9.74404E-07	7.418E-04
610546.43	4205952.03	44353.34645	0.00078	0.11013	9.52183E-07	7.800E-04
610553.43	4205952.03	46608.6109	0.00082	0.10756	9.29963E-07	8.196E-04
610560.43	4205952.03	48939.36725	0.00086	0.10499	9.07743E-07	8.605E-04
610567.43	4205952.03	51321.60449	0.00090	0.10243	8.85609E-07	9.023E-04
610574.43	4205952.03	53728.80241	0.00094	0.09988	8.63562E-07	9.446E-04
610581.43	4205952.03	56129.40597	0.00099	0.09734	8.41601E-07	9.868E-04
610588.43	4205952.03	58477.31733	0.00103	0.09482	8.19813E-07	1.028E-03
610595.43	4205952.03	60724.77162	0.00107	0.09232	7.98198E-07	1.067E-03
610602.43	4205952.03	62811.35834	0.00110	0.08984	7.76756E-07	1.104E-03
610609.43	4205952.03	64679.02151	0.00114	0.08739	7.55574E-07	1.136E-03
610616.43	4205952.03	66263.63864	0.00116	0.08497	7.34650E-07	1.164E-03
610623.43	4205952.03	67509.4028	0.00119	0.08258	7.13986E-07	1.186E-03
610630.43	4205952.03	68360.1964	0.00120	0.08022	6.93582E-07	1.201E-03
610637.43	4205952.03	68760.10228	0.00121	0.07789	6.73437E-07	1.208E-03
610644.43	4205952.03	68688.14645	0.00121	0.07560	6.53637E-07	1.207E-03
610651.43	4205952.03	68135.76617	0.00120	0.07335	6.34184E-07	1.197E-03
610658.43	4205952.03	67112.82857	0.00118	0.07115	6.15163E-07	1.179E-03
610686.43	4205952.03	59103.25456	0.00104	0.06286	5.43487E-07	1.038E-03
610693.43	4205952.03	56376.88719	0.00099	0.06092	5.26714E-07	9.908E-04
610700.43	4205952.03	53458.28125	0.00094	0.05904	5.10460E-07	9.395E-04
610707.43	4205952.03	50383.27223	0.00089	0.05722	4.94724E-07	8.855E-04
610714.43	4205952.03	47186.08905	0.00083	0.05546	4.79507E-07	8.293E-04
610721.43	4205952.03	43892.5831	0.00077	0.05376	4.64809E-07	7.714E-04
610728.43	4205952.03	40555.07103	0.00071	0.05213	4.50716E-07	7.128E-04
610735.43	4205952.03	37219.73414	0.00065	0.05056	4.37142E-07	6.542E-04
610742.43	4205952.03	33936.9615	0.00060	0.04905	4.24086E-07	5.965E-04
610749.43	4205952.03	30758.17626	0.00054	0.04761	4.11636E-07	5.407E-04
610756.43	4205952.03	27731.88917	0.00049	0.04623	3.99704E-07	4.875E-04
610763.43	4205952.03	24901.39821	0.00044	0.04491	3.88292E-07	4.378E-04
610770.43	4205952.03	22299.61939	0.00039	0.04365	3.77398E-07	3.920E-04
610777.43	4205952.03	19947.63655	0.00035	0.04244	3.66936E-07	3.507E-04
610784.43	4205952.03	17854.09829	0.00031	0.04129	3.56993E-07	3.139E-04
610791.43	4205952.03	16014.73678	0.00028	0.04020	3.47569E-07	2.816E-04
610798.43	4205952.03	14413.34346	0.00025	0.03916	3.38577E-07	2.535E-04
610805.43	4205952.03	13028.56598	0.00023	0.03816	3.29931E-07	2.291E-04
610812.43	4205952.03	11836.25232	0.00021	0.03722	3.21804E-07	2.082E-04
610819.43	4205952.03	10810.45912	0.00019	0.03632	3.14023E-07	1.902E-04
610826.43	4205952.03	9927.786	0.00017	0.03546	3.06587E-07	1.747E-04
610833.43	4205952.03	9165.92416	0.00016	0.03464	2.99497E-07	1.613E-04
610840.43	4205952.03	8505.96279	0.00015	0.03386	2.92753E-07	1.497E-04
610847.43	4205952.03	7931.59861	0.00014	0.03311	2.86269E-07	1.396E-04
610854.43	4205952.03	7429.23628	0.00013	0.03240	2.80130E-07	1.307E-04
610861.43	4205952.03	6987.6563	0.00012	0.03171	2.74165E-07	1.230E-04
610868.43	4205952.03	6597.30967	0.00012	0.03106	2.68545E-07	1.161E-04
610875.43	4205952.03	6250.50662	0.00011	0.03043	2.63098E-07	1.100E-04
610910.43	4205952.03	4977.94993	0.00009	0.02765	2.39062E-07	8.768E-05
610917.43	4205952.03	4788.60304	0.00008	0.02715	2.34739E-07	8.435E-05
610924.43	4205952.03	4614.62346	0.00008	0.02667	2.30589E-07	8.129E-05
610931.43	4205952.03	4454.0356	0.00008	0.02621	2.26612E-07	7.845E-05
610938.43	4205952.03	4305.30057	0.00008	0.02576	2.22721E-07	7.584E-05
610945.43	4205952.03	4166.97898	0.00007	0.02532	2.18917E-07	7.341E-05
610952.43	4205952.03	4037.87647	0.00007	0.02490	2.15285E-07	7.114E-05
610959.43	4205952.03	3916.9208	0.00007	0.02449	2.11740E-07	6.901E-05
610966.43	4205952.03	3803.28884	0.00007	0.02409	2.08282E-07	6.701E-05
610973.43	4205952.03	3696.20864	0.00006	0.02370	2.04910E-07	6.513E-05
611001.43	4205952.03	3321.38688	0.00006	0.02226	1.92460E-07	5.853E-05
611008.43	4205952.03	3238.74293	0.00006	0.02192	1.89520E-07	5.708E-05
611015.43	4205952.03	3159.7899	0.00006	0.02159	1.86667E-07	5.569E-05
611022.43	4205952.03	3084.27002	0.00005	0.02127	1.83900E-07	5.436E-05
611029.43	4205952.03	3011.88483	0.00005	0.02096	1.81220E-07	5.308E-05
611036.43	4205952.03	2942.42865	0.00005	0.02065	1.78540E-07	5.184E-05
611043.43	4205952.03	2875.70652	0.00005	0.02036	1.76032E-07	5.069E-05
611050.43	4205952.03	2811.49449	0.00005	0.02007	1.73525E-07	4.955E-05
611057.43	4205952.03	2749.67236	0.00005	0.01978	1.71018E-07	4.847E-05
611064.43	4205952.03	2690.0662	0.00005	0.01950	1.68597E-07	4.742E-05
611092.43	4205952.03	2471.59922	0.00004	0.01846	1.59605E-07	4.357E-05
610294.43	4205959.03	8695.43548	0.00015	0.19040	1.64628E-06	1.543E-04
610301.43	4205959.03	9030.78286	0.00016	0.18897	1.63383E-06	1.602E-04
610308.43	4205959.03	9381.19268	0.00016	0.18749	1.62104E-06	1.664E-04
610315.43	4205959.03	9753.0729	0.00017	0.18596	1.60781E-06	1.729E-04
610322.43	4205959.03	10142.60896	0.00018	0.18440	1.59432E-06	1.797E-04
610329.43	4205959.03	10552.40287	0.00019	0.18279	1.58040E-06	1.869E-04
610336.43	4205959.03	10983.74042	0.00019	0.18114	1.56614E-06	1.945E-04
610343.43	4205959.03	11439.06531	0.00020	0.17945	1.55152E-06	2.024E-04
610350.43	4205959.03	11923.07575	0.00021	0.17779	1.53717E-06	2.109E-04
610357.43	4205959.03	12434.00927	0.00022	0.17608	1.52239E-06	2.199E-04
610364.43	4205959.03	12972.23186	0.00023	0.17433	1.50726E-06	2.293E-04
610371.43	4205959.03	13540.1377	0.00024	0.17253	1.49169E-06	2.393E-04
610378.43	4205959.03	14140.37055	0.00025	0.17069	1.47578E-06	2.498E-04
610385.43	4205959.03	14773.47457	0.00026	0.16880	1.45944E-06	2.609E-04
610392.43	4205959.03	15443.17242	0.00027	0.16688	1.44284E-06	2.727E-04
610399.43	4205959.03	16150.13403	0.00028	0.16490	1.42572E-06	2.851E-04
610406.43	4205959.03	16898.54157	0.00030	0.16290	1.40843E-06	2.982E-04
610413.43	4205959.03	17689.29582	0.00031	0.16084	1.39062E-06	3.121E-04
610420.43	4205959.03	18522.99332	0.00033	0.15871	1.37221E-06	3.267E-04
610427.43	4205959.03	19404.52909	0.00034	0.15651	1.35318E-06	3.421E-04
610434.43	4205959.03	20337.81883	0.00036	0.15426	1.33373E-06	3.585E-04
610441.43	4205959.03	21326.81206	0.00037	0.15197	1.31393E-06	3.759E-04
610448.43	4205959.03	22374.90775	0.00039	0.14964	1.29379E-06	3.943E-04
610455.43	4205959.03	23486.26205	0.00041	0.14726	1.27321E-06	4.138E-04
610462.43	4205959.03	24663.88719	0.00043	0.14484	1.25229E-06	4.344E-04
610469.43	4205959.03	25915.00827	0.00046	0.14239	1.23110E-06	4.564E-04
610476.43	4205959.03	27243.20681	0.00048	0.13990	1.20957E-06	4.797E-04
610483.43	4205959.03	28653.64945	0.00050	0.13738	1.18779E-06	5.045E-04
610490.43	4205959.03	30153.52956	0.00053	0.13483	1.16574E-06	5.308E-04
610504.43	4205959.03	33454.56785	0.00059	0.12970	1.12139E-06	5.887E-04
610511.43	4205959.03	35259.1195	0.00062	0.12709	1.09882E-06	6.204E-04
610518.43	4205959.03	37176.92129	0.00065	0.12446	1.07608E-06	6.541E-04
610525.43	4205959.03	39209.34654	0.00069	0.12181	1.05317E-06	6.897E-04
610532.43	4205959.03	41364.1637	0.00073	0.11916	1.03026E-06	7.276E-04
610539.43	4205959.03	43639.72298	0.00077	0.11649	1.00717E-06	7.675E-04
610546.43	4205959.03	46040.03847	0.00081	0.11381	9.84001E-07	8.097E-04
610553.43	4205959.03	48559.06359	0.00085	0.11113	9.60829E-07	8.539E-04
610560.43	4205959.03	51185.63384	0.00090	0.10846	9.37745E-07	9.000E-04
610567.43	4205959.03	53907.52884	0.00095	0.10579	9.14660E-07	9.478E-04
610574.43	4205959.03	56695.92938	0.00100	0.10313	8.91661E-07	9.968E-04
610581.43	4205959.03	59518.71843	0.00105	0.10048	8.68750E-07	1.046E-03
610588.43	4205959.03	62324.12257	0.00109	0.09785	8.46011E-07	1.095E-03
610595.43	4205959.03	65053.02325	0.00114	0.09524	8.23445E-07	1.143E-03
610602.43	4205959.03	67637.74136	0.00119	0.09266	8.01138E-07	1.189E-03
610609.43	4205959.03	69996.89324	0.00123	0.09010	7.79004E-07	1.230E-03
610616.43	4205959.03	72050.76043	0.00127	0.08757	7.57130E-07	1.266E-03
610623.43	4205959.03	73719.61379	0.00129	0.08508	7.36010E-07	1.295E-03
610630.43	4205959.03	74934.05898	0.00132	0.08261	7.14246E-07	1.317E-03
610637.43	4205959.03	75618.34952	0.00133	0.08018	6.93236E-07	1.329E-03
610644.43	4205959.03	75737.59357	0.00133	0.07780	6.72658E-07	1.331E-03
610651.43	4205959.03	75274.40273	0.00132	0.07546	6.52427E-07	1.323E-03
610658.43	4205959.03	74239.08413	0.00130	0.07316	6.32541E-07	1.304E-03
610686.43	4205959.03	65428.66049	0.00115	0.06452	5.57840E-07	1.149E-03
610693.43	4205959.03	62406.22448	0.00110	0.06250	5.40375E-07	1.096E-03
610700.43	4205959.03	59167.6309	0.00104	0.06055	5.23515E-07	1.039E-03
610707.43	4205959.03	55742.48129	0.00098	0.05866	5.07174E-07	9.796E-04
610714.43	4205959.03	52158.27133	0.00092	0.05683	4.91352E-07	9.166E-04
610721.43	4205959.03	48454.50378	0.00085	0.05507	4.76135E-07	8.516E-04
610728.43	4205959.03	44680.89293	0.00078	0.05338	4.61523E-07	7.853E-04
610735.43	4205959.03	40889.55806	0.00072	0.05175	4.47438E-07	7.187E-04
610742.43	4205959.03	37144.10687	0.00065	0.05019	4.33942E-07	6.529E-04
610749.43	4205959.03	33510.40006	0.00059	0.04870	4.21060E-07	5.890E-04
610756.43	4205959.03	30056.71378	0.00053	0.04727	4.08696E-07	5.283E-04
610763.43	4205959.03	26839.19207	0.00047	0.04590	3.96851E-07	4.718E-04
610770.43	4205959.03	23900.86355	0.00042	0.04460	3.85611E-07	4.202E-04
610777.43	4205959.03	21270.61922	0.00037	0.04336	3.74809E-07	3.740E-04
610784.43	4205959.03	18954.696	0.00033	0.04218	3.64688E-07	3.333E-04
610791.43	4205959.03	16944.67644	0.00030	0.04105	3.54918E-07	2.980E-04
610798.43	4205959.03	15215.50605	0.00027	0.03998	3.45667E-07	2.676E-04
610805.43	4205959.03	13737.18364	0.00024	0.03896	3.36848E-07	2.416E-04
610812.43	4205959.03	12475.83554	0.00022	0.03799	3.28461E-07	2.194E-04
610819.43	4205959.03	11399.47936	0.00020	0.03706	3.20421E-07	2.005E-04
610826.43	4205959.03	10478.65579	0.00018	0.03618	3.12812E-07	1.843E-04
610833.43	4205959.03	9687.18376	0.00017	0.03534	3.05549E-07	1.704E-04
610840.43	4205959.03	9003.24541	0.00016	0.03453	2.98546E-07	1.584E-04

610847.43	4205959.03	8408.83901	0.00015	0.03377	2.91975E-07	1.4800E-04
610854.43	4205959.03	7889.01079	0.00014	0.03304	2.85664E-07	1.3886E-04
610861.43	4205959.03	7431.76428	0.00013	0.03234	2.79611E-07	1.3092E-04
610868.43	4205959.03	7027.0218	0.00012	0.03167	2.73819E-07	1.2371E-04
610875.43	4205959.03	6666.72221	0.00012	0.03102	2.68199E-07	1.1737E-04
610882.43	4205959.03	6344.20978	0.00011	0.03041	2.62925E-07	1.1170E-04
610910.43	4205959.03	5334.19888	0.00009	0.02817	2.43558E-07	9.3943E-05
610917.43	4205959.03	5133.90863	0.00009	0.02766	2.39148E-07	9.0420E-05
610924.43	4205959.03	4949.27746	0.00009	0.02717	2.34912E-07	8.7173E-05
610931.43	4205959.03	4778.33371	0.00008	0.02669	2.30762E-07	8.4166E-05
610938.43	4205959.03	4619.44116	0.00008	0.02623	2.26784E-07	8.1371E-05
610945.43	4205959.03	4471.28449	0.00008	0.02579	2.22888E-07	7.8764E-05
610952.43	4205959.03	4332.58903	0.00008	0.02535	2.19176E-07	7.6324E-05
610959.43	4205959.03	4202.35514	0.00007	0.02493	2.15545E-07	7.4033E-05
610966.43	4205959.03	4079.67464	0.00007	0.02453	2.12086E-07	7.1875E-05
610973.43	4205959.03	3963.83041	0.00007	0.02413	2.08628E-07	6.9836E-05
611001.43	4205959.03	3556.72364	0.00006	0.02265	1.95832E-07	6.2672E-05
611008.43	4205959.03	3466.65706	0.00006	0.02230	1.92806E-07	6.1087E-05
611015.43	4205959.03	3380.5507	0.00006	0.02197	1.89953E-07	5.9572E-05
611022.43	4205959.03	3298.10684	0.00006	0.02164	1.87099E-07	5.8121E-05
611029.43	4205959.03	3219.05584	0.00006	0.02132	1.84333E-07	5.6729E-05
611036.43	4205959.03	3143.179	0.00006	0.02100	1.81566E-07	5.5394E-05
611043.43	4205959.03	3070.23993	0.00005	0.02070	1.78972E-07	5.4110E-05
611050.43	4205959.03	3000.12471	0.00005	0.02040	1.76378E-07	5.2876E-05
611057.43	4205959.03	2932.54552	0.00005	0.02011	1.73871E-07	5.1686E-05
611064.43	4205959.03	2867.42323	0.00005	0.01983	1.71450E-07	5.0540E-05
611071.43	4205959.03	2804.60373	0.00005	0.01955	1.69029E-07	4.9434E-05
611085.43	4205959.03	2685.42962	0.00005	0.01902	1.64447E-07	4.7336E-05
611092.43	4205959.03	2628.83426	0.00005	0.01876	1.62199E-07	4.6340E-05
610294.43	4205966.03	8656.19722	0.00015	0.19658	1.69963E-06	1.5375E-04
610301.43	4205966.03	8992.82395	0.00016	0.19513	1.68709E-06	1.5965E-04
610308.43	4205966.03	9346.80662	0.00016	0.19363	1.67412E-06	1.6588E-04
610315.43	4205966.03	9719.2084	0.00017	0.19209	1.66081E-06	1.7239E-04
610322.43	4205966.03	10111.14762	0.00018	0.19050	1.64706E-06	1.7926E-04
610329.43	4205966.03	10523.85812	0.00018	0.18886	1.63288E-06	1.8649E-04
610336.43	4205966.03	10958.58169	0.00019	0.18718	1.61838E-06	1.9411E-04
610343.43	4205966.03	11417.3257	0.00020	0.18546	1.60349E-06	2.0216E-04
610350.43	4205966.03	11906.67333	0.00021	0.18378	1.58896E-06	2.1074E-04
610357.43	4205966.03	12422.54665	0.00022	0.18203	1.57383E-06	2.1978E-04
610364.43	4205966.03	12967.85042	0.00023	0.18025	1.55844E-06	2.2935E-04
610371.43	4205966.03	13543.17518	0.00024	0.17842	1.54262E-06	2.3944E-04
610378.43	4205966.03	14151.94495	0.00025	0.17655	1.52645E-06	2.5012E-04
610385.43	4205966.03	14794.82249	0.00026	0.17462	1.50976E-06	2.6139E-04
610392.43	4205966.03	15475.72135	0.00027	0.17265	1.49273E-06	2.7334E-04
610399.43	4205966.03	16195.46521	0.00028	0.17063	1.47527E-06	2.8596E-04
610406.43	4205966.03	16957.51419	0.00030	0.16857	1.45746E-06	2.9933E-04
610413.43	4205966.03	17765.87215	0.00031	0.16647	1.43930E-06	3.1351E-04
610420.43	4205966.03	18617.23842	0.00033	0.16425	1.42010E-06	3.2845E-04
610427.43	4205966.03	19520.04823	0.00034	0.16199	1.40056E-06	3.4428E-04
610434.43	4205966.03	20476.56892	0.00036	0.15967	1.38051E-06	3.6107E-04
610441.43	4205966.03	21491.7779	0.00038	0.15731	1.36010E-06	3.7888E-04
610448.43	4205966.03	22569.94529	0.00040	0.15489	1.33918E-06	3.9780E-04
610455.43	4205966.03	23715.63228	0.00042	0.15243	1.31791E-06	4.1790E-04
610462.43	4205966.03	24933.74553	0.00044	0.14993	1.29629E-06	4.3928E-04
610469.43	4205966.03	26229.87637	0.00046	0.14739	1.27433E-06	4.6202E-04
610476.43	4205966.03	27611.20765	0.00049	0.14481	1.25203E-06	4.8626E-04
610483.43	4205966.03	29081.00205	0.00051	0.14220	1.22946E-06	5.1206E-04
610490.43	4205966.03	30651.04193	0.00054	0.13956	1.20664E-06	5.3961E-04
610504.43	4205966.03	34125.36512	0.00060	0.13422	1.16047E-06	6.0060E-04
610511.43	4205966.03	36038.5743	0.00063	0.13151	1.13703E-06	6.3418E-04
610518.43	4205966.03	38082.93625	0.00067	0.12878	1.11343E-06	6.7007E-04
610525.43	4205966.03	40262.67677	0.00071	0.12603	1.08965E-06	7.0833E-04
610532.43	4205966.03	42580.79137	0.00075	0.12326	1.06571E-06	7.4919E-04
610539.43	4205966.03	45069.18775	0.00079	0.12048	1.04167E-06	7.9271E-04
610546.43	4205966.03	47703.28677	0.00084	0.11769	1.01755E-06	8.3896E-04
610553.43	4205966.03	50498.44419	0.00089	0.11490	9.93425E-07	8.8804E-04
610560.43	4205966.03	53447.04907	0.00094	0.11211	9.69303E-07	9.3981E-04
610567.43	4205966.03	56542.78965	0.00099	0.10933	9.45267E-07	9.9416E-04
610574.43	4205966.03	59760.51524	0.00105	0.10655	9.21231E-07	1.0507E-03
610581.43	4205966.03	63070.34426	0.00111	0.10379	8.97368E-07	1.1088E-03
610588.43	4205966.03	66416.62795	0.00117	0.10105	8.73678E-07	1.1675E-03
610595.43	4205966.03	69733.99816	0.00122	0.09832	8.50074E-07	1.2258E-03
610602.43	4205966.03	72933.05196	0.00128	0.09562	8.26730E-07	1.2819E-03
610609.43	4205966.03	75910.90185	0.00133	0.09295	8.03645E-07	1.3342E-03
610616.43	4205966.03	78564.1683	0.00138	0.09031	7.80820E-07	1.3808E-03
610623.43	4205966.03	80784.43292	0.00142	0.08770	7.58254E-07	1.4198E-03
610630.43	4205966.03	82479.58079	0.00145	0.08513	7.36034E-07	1.4498E-03
610637.43	4205966.03	83548.64866	0.00147	0.08260	7.14159E-07	1.4683E-03
610644.43	4205966.03	83942.51056	0.00147	0.08010	6.92544E-07	1.4752E-03
610651.43	4205966.03	83622.14045	0.00147	0.07766	6.71448E-07	1.4696E-03
610658.43	4205966.03	82593.91601	0.00145	0.07527	6.50784E-07	1.4515E-03
610665.43	4205966.03	80902.78338	0.00142	0.07293	6.30552E-07	1.4217E-03
610686.43	4205966.03	72839.97167	0.00128	0.06626	5.72884E-07	1.2801E-03
610693.43	4205966.03	69485.14225	0.00122	0.06416	5.54727E-07	1.2211E-03
610700.43	4205966.03	65882.64139	0.00116	0.06212	5.37089E-07	1.1578E-03
610707.43	4205966.03	62068.7867	0.00109	0.06016	5.20149E-07	1.0908E-03
610714.43	4205966.03	58067.34831	0.00102	0.05826	5.03716E-07	1.0205E-03
610721.43	4205966.03	53898.66904	0.00095	0.05643	4.87894E-07	9.4726E-04
610728.43	4205966.03	49614.90796	0.00087	0.05467	4.72677E-07	8.7199E-04
610735.43	4205966.03	45275.43814	0.00080	0.05299	4.58151E-07	7.9575E-04
610742.43	4205966.03	40966.74243	0.00072	0.05137	4.44145E-07	7.2005E-04
610749.43	4205966.03	36773.76451	0.00065	0.04983	4.30830E-07	6.4639E-04
610756.43	4205966.03	32789.20255	0.00058	0.04835	4.18034E-07	5.7638E-04
610763.43	4205966.03	29094.51726	0.00051	0.04694	4.05843E-07	5.1147E-04
610770.43	4205966.03	25747.504	0.00045	0.04559	3.94171E-07	4.5267E-04
610777.43	4205966.03	22784.99846	0.00040	0.04431	3.83104E-07	4.0062E-04
610784.43	4205966.03	20210.19608	0.00036	0.04309	3.72556E-07	3.5538E-04
610791.43	4205966.03	18007.83898	0.00032	0.04193	3.62527E-07	3.1668E-04
610798.43	4205966.03	16139.37679	0.00028	0.04083	3.53016E-07	2.8385E-04
610805.43	4205966.03	14560.20678	0.00026	0.03978	3.43938E-07	2.5610E-04
610812.43	4205966.03	13226.23332	0.00023	0.03878	3.35292E-07	2.3266E-04
610819.43	4205966.03	12096.56267	0.00021	0.03783	3.27078E-07	2.1281E-04
610826.43	4205966.03	11134.79639	0.00020	0.03692	3.19210E-07	1.9591E-04
610833.43	4205966.03	10310.82819	0.00018	0.03606	3.11775E-07	1.8143E-04
610840.43	4205966.03	9599.72186	0.00017	0.03524	3.04685E-07	1.6893E-04
610847.43	4205966.03	8981.55334	0.00016	0.03445	2.97855E-07	1.5807E-04
610854.43	4205966.03	8440.42092	0.00015	0.03370	2.91370E-07	1.4855E-04
610861.43	4205966.03	7963.38688	0.00014	0.03298	2.85145E-07	1.4017E-04
610868.43	4205966.03	7540.1773	0.00013	0.03230	2.79266E-07	1.3273E-04
610875.43	4205966.03	7162.32148	0.00013	0.03164	2.73559E-07	1.2608E-04
610882.43	4205966.03	6822.88087	0.00012	0.03101	2.68112E-07	1.2012E-04
610889.43	4205966.03	6516.25725	0.00011	0.03040	2.62838E-07	1.1473E-04
610896.43	4205966.03	6237.85879	0.00011	0.02982	2.57824E-07	1.0983E-04
610903.43	4205966.03	5983.70902	0.00011	0.02925	2.52895E-07	1.0536E-04
610910.43	4205966.03	5750.71938	0.00010	0.02871	2.48227E-07	1.0126E-04
610917.43	4205966.03	5536.12694	0.00010	0.02819	2.43731E-07	9.7490E-05
610924.43	4205966.03	5337.59877	0.00009	0.02769	2.39408E-07	9.3998E-05
610931.43	4205966.03	5153.27096	0.00009	0.02720	2.35171E-07	9.0756E-05
610938.43	4205966.03	4981.44084	0.00009	0.02672	2.31021E-07	8.7734E-05
610945.43	4205966.03	4820.67288	0.00008	0.02627	2.27130E-07	8.4906E-05
610952.43	4205966.03	4669.88345	0.00008	0.02582	2.23240E-07	8.2253E-05
610959.43	4205966.03	4527.92808	0.00008	0.02539	2.19522E-07	7.9756E-05
610966.43	4205966.03	4394.01075	0.00008	0.02497	2.15890E-07	7.7400E-05
610973.43	4205966.03	4267.29072	0.00007	0.02457	2.12432E-07	7.5171E-05
611001.43	4205966.03	3820.72874	0.00007	0.02305	1.99290E-07	6.7313E-05
611008.43	4205966.03	3721.71975	0.00007	0.02270	1.96264E-07	6.5571E-05
611015.43	4205966.03	3627.04094	0.00006	0.02235	1.93238E-07	6.3905E-05
611022.43	4205966.03	3536.36317	0.00006	0.02201	1.90298E-07	6.2309E-05
611029.43	4205966.03	3449.42463	0.00006	0.02169	1.87532E-07	6.0779E-05
611036.43	4205966.03	3365.94205	0.00006	0.02137	1.84765E-07	5.9310E-05
611043.43	4205966.03	3285.7086	0.00006	0.02105	1.81998E-07	5.7898E-05
611050.43	4205966.03	3208.55348	0.00006	0.02075	1.79404E-07	5.6540E-05
611057.43	4205966.03	3134.30133	0.00006	0.02045	1.76811E-07	5.5233E-05
611064.43	4205966.03	3062.71235	0.00005	0.02016	1.74303E-07	5.3973E-05
611071.43	4205966.03	2993.71979	0.00005	0.01988	1.71882E-07	5.2759E-05
611092.43	4205966.03	2800.86551	0.00005	0.01907	1.64879E-07	4.9364E-05
610294.43	4205973.03	8612.07024	0.00015	0.20305	1.75557E-06	1.5303E-04
610301.43	4205973.03	8949.69368	0.00016	0.20158	1.74286E-06	1.5895E-04
610308.43	4205973.03	9304.84824	0.00016	0.20006	1.72972E-06	1.6518E-04
610315.43	4205973.03	9678.86753	0.00017	0.19850	1.71623E-06	1.7173E-04
610322.43	4205973.03	10072.19457	0.00018	0.19688	1.70222E-06	1.7863E-04
610329.43	4205973.03	10487.25752	0.00018	0.19522	1.68787E-06	1.8590E-04
610336.43	4205973.03	10924.78769	0.00019	0.19351	1.67309E-06	1.9357E-04
610343.43	4205973.03	11387.594	0.00020	0.19177	1.65804E-06	2.0169E-04
610350.43	4205973.03	11880.45137	0.00021	0.19005	1.64317E-06	2.1033E-04
610357.43	4205973.03	12401.82341	0.00022	0.18829	1.62795E-06	2.1948E-04
610364.43	4205973.03	12952.15944	0.00023	0.18647	1.61222E-06	2.2913E-04
610371.43	4205973.03	13534.82465	0.00024	0.18460	1.59605E-06	2.3935E-04
610378.43	4205973.03	14150.51017	0.00025	0.18269	1.57954E-06	2.5014E-04
610385.43	4205973.03	14803.0816	0.00026	0.18073	1.56259E-06	2.6159E-04
610392.43	4205973.03	15493.30454	0.00027	0.17871	1.54513E-06	2.7370E-04
610399.43	4205973.03	16225.64465	0.00029	0.17666	1.52740E-06	2.8654E-04
610406.43	4205973.03	17001.17141	0.00030	0.17455	1.50916E-06	3.0015E-04
610413.43	4205973.03	17824.97426	0.00031	0.17238	1.49040E-06	3.1460E-04
610420.43	4205973.03	18691.91535	0.00033	0.17010	1.47068E-06	3.2984E-04
610427.43	4205973.03	19614.32492	0.00034	0.16776	1.45045E-06	3.4599E-04
610434.43	4205973.03	20592.27744	0.00036	0.16536	1.42970E-06	3.6315E-04
610441.43	4205973.03	21633.40951	0.00038	0.16293	1.40869E-06	3.8142E-04
610448.43	4205973.03	22739.81048	0.00040	0.16043	1.38708E-06	4.0083E-04
610455.43	4205973.03	23919.22193	0.00042	0.15789	1.36512E-06	4.2152E-04
610462.43	4205973.03	25174.5498	0.00044	0.15530	1.34272E-06	4.4355E-04
610469.43	4205973.03	26513.27034	0.00047	0.15266	1.31990E-06	4.6704E-04
610476.43	4205973.03	27943.73637	0.00049	0.14999	1.29681E-06	4.9215E-04
610483.43	4205973.03	29470.12541	0.00052	0.14727	1.27330E-06	5.1894E-04
610490.43	4205973.03	31107.56615	0.00055	0.14453	1.24961E-06	5.4768E-04
610504.43	4205973.03	34751.38805	0.00061	0.13900	1.20179E-06	6.1164E-04
610511.43	4205973.03	36770.77447	0.00065	0.13618	1.17741E-06	6.4708E-04
610518.43	4205973.03	38939.53142	0.00068	0.13334	1.15286E-06	6.8515E-04
610525.43	4205973.03	41267.50427	0.00072	0.13048	1.12813E-06	7.2602E-04
610532.43	4205973.03	43764.61007	0.00077	0.12760	1.10323E-06	7.6986E-04
610539.43	4205973.03	46447.86369	0.00082	0.12470	1.07816E-06	8.1697E-04
610546.43	4205973.03	49323.61506	0.00087	0.12179	1.05300E-06	8.6744E-04
610553.43	4205973.03	52406.36409	0.00092	0.11888	1.02784E-06	9.2158E-04
610560.43	4205973.03	55696.37493	0.00098	0.11597	1.00268E-06	9.7935E-04
610567.43	4205973.03	59197.40605	0.00104	0.11306	9.77516E-07	1.0408E-03
610574.43	4205973.03	62892.27259	0.00110	0.11016	9.52443E-07	1.1057E-03
610581.43	4205973.03	66758.26282	0.00117	0.10728	9.27542E-07	1.1736E-03
610588.43	4205973.03	70743.20023	0.00124	0.10442	9.02815E-07	1.2436E-03
610595.43	4205973.03	74768.17249	0.00131	0.10157	8.78174E-07	1.3142E-03
610602.43	4205973.03	78732.26093	0.00138	0.09875	8.53792E-07	1.3838E-03
610609.43	4205973.03	82498.54592	0.00145	0.09595	8.29583E-07	1.4500E-03
610616.43	4205973.03	85926.51032	0.00151	0.09320	8.05807E-07	1.5102E-03
610623.43	4205973.03	88867.56673	0.00156	0.09047	7.82203E-07	1.5618E-03
610630.43	4205973.03	91199.6584	0.00160	0.08778	7.58845E-07	1.6027E-03
610637.43	4205973.03	92790.23096	0.00163	0.08513	7.36034E-07	1.6307E-03
610644.43	4205973.03	93573.62969	0.00164	0.08253	7.13554E-07	1.6445E-03
610651.43	4205973.03	93490.16444	0.00164	0.07998	6.91507E-07	1.6429E-03
610658.43	4205973.03	92500.97523	0.00162	0.07748	6.69892E-07	1.6255E-03
610665.43	4205973.03	90677.19747	0.00159	0.07504	6.48795E-07	1.5935E-03
610686.43	4205973.03	81595.21835	0.00143	0.06808	5.88619E-07	1.4439E-03
610693.43	4205973.03	77848.32715	0.00137	0.06589	5.69685E-07	1.3680E-03
610700.43	4205973.03	73866.09754	0.00130	0.06377	5.51355E-07	1.2981E-03
610707.43	4205973.03	69645.75437	0.00122	0.06172	5.33631E-07	1.2239E-03
610714.43	4205973.03	65182.21076	0.00114	0.05975	5.16598E-07	1.1455E-03
610721.43	4205973.03	60486.98223	0.00106	0.05785	5.00171E-07	1.0630E-03
610728.43	4205973.03	55604.04429	0.00098	0.05603	4.84435E-07	9.7721E-04

610735.43	4205973.03	50607.66333	0.00089	0.05428	4.69305E-07	8.8943E-04
610742.43	4205973.03	45604.38919	0.00080	0.05260	4.54779E-07	8.0153E-04
610749.43	4205973.03	40710.10726	0.00072	0.05100	4.40946E-07	7.1554E-04
610756.43	4205973.03	36056.41153	0.00063	0.04947	4.27717E-07	6.3379E-04
610763.43	4205973.03	31759.61292	0.00056	0.04802	4.15181E-07	5.5830E-04
610770.43	4205973.03	27905.76323	0.00049	0.04663	4.03163E-07	4.9059E-04
610777.43	4205973.03	24540.73313	0.00043	0.04531	3.91750E-07	4.3147E-04
610784.43	4205973.03	21665.64066	0.00038	0.04405	3.80856E-07	3.8095E-04
610791.43	4205973.03	19246.49208	0.00034	0.04285	3.70481E-07	3.3845E-04
610798.43	4205973.03	17224.12046	0.00030	0.04172	3.60711E-07	3.0292E-04
610805.43	4205973.03	15537.41471	0.00027	0.04064	3.51373E-07	2.7328E-04
610812.43	4205973.03	14126.16597	0.00025	0.03961	3.42468E-07	2.4848E-04
610819.43	4205973.03	12938.80228	0.00023	0.03863	3.33995E-07	2.2761E-04
610826.43	4205973.03	11931.27332	0.00021	0.03770	3.25954E-07	2.0991E-04
610833.43	4205973.03	11069.19929	0.00019	0.03681	3.18259E-07	1.9476E-04
610840.43	4205973.03	10324.98634	0.00018	0.03597	3.10996E-07	1.8168E-04
610847.43	4205973.03	9677.09017	0.00017	0.03516	3.03993E-07	1.7029E-04
610854.43	4205973.03	9108.50453	0.00016	0.03439	2.97336E-07	1.6029E-04
610861.43	4205973.03	8605.52473	0.00015	0.03366	2.91024E-07	1.5145E-04
610868.43	4205973.03	8157.5735	0.00014	0.03295	2.84886E-07	1.4358E-04
610875.43	4205973.03	7756.00047	0.00014	0.03228	2.79093E-07	1.3652E-04
610882.43	4205973.03	7393.82035	0.00013	0.03163	2.73473E-07	1.3015E-04
610889.43	4205973.03	7065.29909	0.00012	0.03101	2.68112E-07	1.2438E-04
610896.43	4205973.03	6765.70196	0.00012	0.03041	2.62925E-07	1.1911E-04
610903.43	4205973.03	6491.28912	0.00011	0.02983	2.57910E-07	1.1428E-04
610910.43	4205973.03	6238.75331	0.00011	0.02928	2.53155E-07	1.0984E-04
610917.43	4205973.03	6005.32816	0.00011	0.02874	2.48468E-07	1.0574E-04
610924.43	4205973.03	5788.72408	0.00010	0.02822	2.43990E-07	1.0193E-04
610931.43	4205973.03	5586.96725	0.00010	0.02772	2.39667E-07	9.8379E-05
610938.43	4205973.03	5398.4523	0.00009	0.02724	2.35517E-07	9.5063E-05
610945.43	4205973.03	5221.76875	0.00009	0.02677	2.31453E-07	9.1956E-05
610952.43	4205973.03	5055.69331	0.00009	0.02631	2.27476E-07	8.9034E-05
610959.43	4205973.03	4899.12959	0.00009	0.02587	2.23672E-07	8.6288E-05
610966.43	4205973.03	4751.19776	0.00008	0.02544	2.19954E-07	8.3678E-05
610973.43	4205973.03	4611.07607	0.00008	0.02502	2.16323E-07	8.1213E-05
611001.43	4205973.03	4116.54734	0.00007	0.02347	2.02922E-07	7.2513E-05
611008.43	4205973.03	4006.86577	0.00007	0.02310	1.99722E-07	7.0583E-05
611015.43	4205973.03	3901.93517	0.00007	0.02275	1.96696E-07	6.8737E-05
611022.43	4205973.03	3801.49649	0.00007	0.02241	1.93757E-07	6.6978E-05
611029.43	4205973.03	3705.18802	0.00007	0.02207	1.90817E-07	6.5275E-05
611036.43	4205973.03	3612.78183	0.00006	0.02174	1.87964E-07	6.3649E-05
611043.43	4205973.03	3524.02339	0.00006	0.02142	1.85197E-07	6.2087E-05
611050.43	4205973.03	3438.70449	0.00006	0.02111	1.82517E-07	6.0586E-05
611057.43	4205973.03	3356.63174	0.00006	0.02081	1.79923E-07	5.9142E-05
611064.43	4205973.03	3277.57809	0.00006	0.02051	1.77328E-07	5.7750E-05
611071.43	4205973.03	3201.4221	0.00006	0.02022	1.74822E-07	5.6410E-05
611092.43	4205973.03	2968.89801	0.00005	0.01939	1.67646E-07	5.2670E-05
610294.43	4205980.03	8562.49226	0.00015	0.20983	1.81419E-06	1.5222E-04
610301.43	4205980.03	8900.53931	0.00016	0.20834	1.80131E-06	1.5815E-04
610308.43	4205980.03	9256.59244	0.00016	0.20680	1.78799E-06	1.6439E-04
610315.43	4205980.03	9631.58595	0.00017	0.20522	1.77433E-06	1.7096E-04
610322.43	4205980.03	10026.94752	0.00018	0.20359	1.76024E-06	1.7789E-04
610329.43	4205980.03	10443.82685	0.00018	0.20190	1.74563E-06	1.8520E-04
610336.43	4205980.03	10883.70397	0.00019	0.20017	1.73067E-06	1.9291E-04
610343.43	4205980.03	11349.29825	0.00020	0.19840	1.71537E-06	2.0107E-04
610350.43	4205980.03	11845.71439	0.00021	0.19665	1.70023E-06	2.0978E-04
610357.43	4205980.03	12371.28687	0.00022	0.19486	1.68476E-06	2.1900E-04
610364.43	4205980.03	12926.56654	0.00023	0.19300	1.66868E-06	2.2873E-04
610371.43	4205980.03	13515.09499	0.00024	0.19111	1.65234E-06	2.3905E-04
610378.43	4205980.03	14137.6349	0.00025	0.18915	1.63539E-06	2.4997E-04
610385.43	4205980.03	14797.24485	0.00026	0.18715	1.61810E-06	2.6154E-04
610392.43	4205980.03	15497.59891	0.00027	0.18510	1.60037E-06	2.7383E-04
610399.43	4205980.03	16239.67366	0.00029	0.18300	1.58222E-06	2.8684E-04
610406.43	4205980.03	17028.48896	0.00030	0.18083	1.56346E-06	3.0068E-04
610413.43	4205980.03	17865.34837	0.00031	0.17859	1.54409E-06	3.1536E-04
610420.43	4205980.03	18750.40138	0.00033	0.17626	1.52394E-06	3.3089E-04
610427.43	4205980.03	19688.19042	0.00035	0.17384	1.50302E-06	3.4734E-04
610434.43	4205980.03	20687.10876	0.00036	0.17137	1.48166E-06	3.6487E-04
610441.43	4205980.03	21751.1116	0.00038	0.16885	1.45988E-06	3.8353E-04
610448.43	4205980.03	22883.73337	0.00040	0.16627	1.43757E-06	4.0341E-04
610455.43	4205980.03	24093.38326	0.00042	0.16364	1.41483E-06	4.2463E-04
610462.43	4205980.03	25384.99012	0.00045	0.16096	1.39166E-06	4.4730E-04
610469.43	4205980.03	26763.82847	0.00047	0.15823	1.36806E-06	4.7149E-04
610476.43	4205980.03	28240.59253	0.00050	0.15545	1.34402E-06	4.9741E-04
610483.43	4205980.03	29822.26844	0.00052	0.15264	1.31972E-06	5.2517E-04
610490.43	4205980.03	31522.05563	0.00055	0.14979	1.29508E-06	5.5500E-04
610504.43	4205980.03	35328.44354	0.00062	0.14404	1.24537E-06	6.2182E-04
610511.43	4205980.03	37452.45308	0.00066	0.14112	1.22012E-06	6.5918E-04
610518.43	4205980.03	39739.50163	0.00070	0.13816	1.19453E-06	6.9925E-04
610525.43	4205980.03	42210.07047	0.00074	0.13518	1.16877E-06	7.4262E-04
610532.43	4205980.03	44876.3994	0.00079	0.13218	1.14283E-06	7.8943E-04
610539.43	4205980.03	47762.2026	0.00084	0.12916	1.11672E-06	8.4009E-04
610546.43	4205980.03	50880.96147	0.00089	0.12612	1.09048E-06	8.9485E-04
610553.43	4205980.03	54257.19741	0.00095	0.12309	1.06424E-06	9.5413E-04
610560.43	4205980.03	57902.01546	0.00102	0.12005	1.03795E-06	1.0181E-03
610567.43	4205980.03	61833.51369	0.00109	0.11701	1.01167E-06	1.0872E-03
610574.43	4205980.03	66051.67469	0.00116	0.11398	9.85471E-07	1.1612E-03
610581.43	4205980.03	70540.07204	0.00124	0.11097	9.59446E-07	1.2400E-03
610588.43	4205980.03	75265.80946	0.00132	0.10797	9.33508E-07	1.3230E-03
610595.43	4205980.03	80146.70742	0.00141	0.10499	9.07743E-07	1.4087E-03
610602.43	4205980.03	85065.97585	0.00149	0.10204	8.82237E-07	1.4951E-03
610609.43	4205980.03	89845.49606	0.00158	0.09912	8.56991E-07	1.5791E-03
610616.43	4205980.03	94286.84928	0.00166	0.09624	8.32091E-07	1.6579E-03
610623.43	4205980.03	98183.67581	0.00172	0.09339	8.07449E-07	1.7255E-03
610630.43	4205980.03	101344.8736	0.00178	0.09057	7.83068E-07	1.7810E-03
610637.43	4205980.03	103642.9279	0.00182	0.08780	7.59118E-07	1.8213E-03
610644.43	4205980.03	104980.0636	0.00184	0.08508	7.35601E-07	1.8449E-03
610651.43	4205980.03	105290.6724	0.00185	0.08241	7.12516E-07	1.8502E-03
610658.43	4205980.03	104431.4825	0.00183	0.07980	6.89950E-07	1.8351E-03
610665.43	4205980.03	102447.8293	0.00180	0.07725	6.67903E-07	1.8002E-03
610686.43	4205980.03	91983.32527	0.00162	0.06998	6.05047E-07	1.6164E-03
610693.43	4205980.03	87843.74271	0.00154	0.06770	5.85334E-07	1.5436E-03
610700.43	4205980.03	83475.96797	0.00147	0.06549	5.66226E-07	1.4669E-03
610707.43	4205980.03	78829.03138	0.00138	0.06336	5.47810E-07	1.3852E-03
610714.43	4205980.03	73876.75983	0.00130	0.06131	5.30086E-07	1.2982E-03
610721.43	4205980.03	68591.86172	0.00120	0.05933	5.12967E-07	1.2054E-03
610728.43	4205980.03	63014.75133	0.00111	0.05744	4.96626E-07	1.1074E-03
610735.43	4205980.03	57223.63578	0.00101	0.05562	4.80890E-07	1.0057E-03
610742.43	4205980.03	51344.04509	0.00090	0.05389	4.65933E-07	9.0236E-04
610749.43	4205980.03	45554.5543	0.00080	0.05223	4.51580E-07	8.0065E-04
610756.43	4205980.03	40037.48174	0.00070	0.05065	4.37920E-07	7.0373E-04
610763.43	4205980.03	34966.16591	0.00061	0.04914	4.24864E-07	6.1463E-04
610770.43	4205980.03	30472.84156	0.00054	0.04770	4.12414E-07	5.3569E-04
610777.43	4205980.03	26615.57439	0.00047	0.04634	4.00655E-07	4.6792E-04
610784.43	4205980.03	23387.59373	0.00041	0.04504	3.89416E-07	4.1121E-04
610791.43	4205980.03	20721.24573	0.00036	0.04381	3.78781E-07	3.6436E-04
610798.43	4205980.03	18532.21465	0.00033	0.04264	3.68655E-07	3.2590E-04
610805.43	4205980.03	16728.43028	0.00029	0.04153	3.59068E-07	2.9421E-04
610812.43	4205980.03	15232.15141	0.00027	0.04047	3.49903E-07	2.6791E-04
610819.43	4205980.03	13977.84971	0.00025	0.03946	3.41171E-07	2.4587E-04
610826.43	4205980.03	12915.74943	0.00023	0.03851	3.32957E-07	2.2721E-04
610833.43	4205980.03	12006.33041	0.00021	0.03760	3.25089E-07	2.1123E-04
610840.43	4205980.03	11219.3622	0.00020	0.03673	3.17567E-07	1.9739E-04
610847.43	4205980.03	10531.69099	0.00018	0.03590	3.10391E-07	1.8531E-04
610854.43	4205980.03	9925.20783	0.00017	0.03511	3.03561E-07	1.7465E-04
610861.43	4205980.03	9386.46499	0.00016	0.03436	2.97076E-07	1.6518E-04
610868.43	4205980.03	8904.46865	0.00016	0.03363	2.90765E-07	1.5670E-04
610875.43	4205980.03	8470.25408	0.00015	0.03294	2.84799E-07	1.4907E-04
610882.43	4205980.03	8076.92613	0.00014	0.03227	2.79006E-07	1.4216E-04
610889.43	4205980.03	7718.64893	0.00014	0.03164	2.73559E-07	1.3586E-04
610896.43	4205980.03	7390.6059	0.00013	0.03102	2.68199E-07	1.3009E-04
610903.43	4205980.03	7089.06951	0.00012	0.03043	2.63098E-07	1.2479E-04
610910.43	4205980.03	6810.61365	0.00012	0.02986	2.58169E-07	1.1989E-04
610917.43	4205980.03	6552.50858	0.00012	0.02931	2.53414E-07	1.1535E-04
610924.43	4205980.03	6312.49375	0.00011	0.02878	2.48832E-07	1.1113E-04
610931.43	4205980.03	6088.44818	0.00011	0.02826	2.44336E-07	1.0719E-04
610938.43	4205980.03	5878.68655	0.00010	0.02777	2.40099E-07	1.0350E-04
610945.43	4205980.03	5681.81805	0.00010	0.02728	2.35863E-07	1.0004E-04
610952.43	4205980.03	5496.53203	0.00010	0.02682	2.31886E-07	9.6782E-05
610959.43	4205980.03	5321.76175	0.00009	0.02636	2.27908E-07	9.3709E-05
610966.43	4205980.03	5156.48102	0.00009	0.02592	2.24104E-07	9.0801E-05
610973.43	4205980.03	4999.94548	0.00009	0.02549	2.20386E-07	8.8048E-05
611001.43	4205980.03	4447.41444	0.00008	0.02390	2.06639E-07	7.8329E-05
611008.43	4205980.03	4324.95921	0.00008	0.02353	2.03440E-07	7.6175E-05
611015.43	4205980.03	4207.92205	0.00007	0.02316	2.00241E-07	7.4115E-05
611022.43	4205980.03	4095.90433	0.00007	0.02281	1.97215E-07	7.2145E-05
611029.43	4205980.03	3988.61238	0.00007	0.02246	1.94189E-07	7.0257E-05
611036.43	4205980.03	3885.73686	0.00007	0.02213	1.91336E-07	6.8447E-05
611043.43	4205980.03	3787.0239	0.00007	0.02180	1.88483E-07	6.6713E-05
611050.43	4205980.03	3692.224	0.00006	0.02148	1.85716E-07	6.5042E-05
611057.43	4205980.03	3601.0924	0.00006	0.02117	1.83036E-07	6.3439E-05
611064.43	4205980.03	3513.44145	0.00006	0.02087	1.80442E-07	6.1897E-05
611071.43	4205980.03	3429.05246	0.00006	0.02057	1.77848E-07	6.0412E-05
611092.43	4205980.03	3194.03774	0.00006	0.01973	1.70585E-07	5.6276E-05
610294.43	4205987.03	8508.19138	0.00015	0.21694	1.87566E-06	1.5133E-04
610301.43	4205987.03	8846.44015	0.00016	0.21543	1.86261E-06	1.5726E-04
610308.43	4205987.03	9202.82658	0.00016	0.21388	1.84921E-06	1.6350E-04
610315.43	4205987.03	9578.57162	0.00017	0.21228	1.83537E-06	1.7009E-04
610322.43	4205987.03	9974.86629	0.00018	0.21062	1.82102E-06	1.7704E-04
610329.43	4205987.03	10392.54057	0.00018	0.20890	1.80615E-06	1.8436E-04
610336.43	4205987.03	10834.11028	0.00019	0.20714	1.79093E-06	1.9210E-04
610343.43	4205987.03	11301.95283	0.00020	0.20535	1.77546E-06	2.0036E-04
610350.43	4205987.03	11801.83051	0.00021	0.20358	1.76015E-06	2.0907E-04
610357.43	4205987.03	12330.21762	0.00022	0.20175	1.74433E-06	2.1833E-04
610364.43	4205987.03	12890.42138	0.00023	0.19988	1.72816E-06	2.2816E-04
610371.43	4205987.03	13483.18351	0.00024	0.19794	1.71139E-06	2.3855E-04
610378.43	4205987.03	14112.45005	0.00025	0.19596	1.69427E-06	2.4959E-04
610385.43	4205987.03	14779.13598	0.00026	0.19391	1.67654E-06	2.6128E-04
610392.43	4205987.03	15487.61646	0.00027	0.19183	1.65856E-06	2.7371E-04
610399.43	4205987.03	16239.32653	0.00029	0.18966	1.63980E-06	2.8698E-04
610406.43	4205987.03	17039.31782	0.00030	0.18745	1.62069E-06	3.0093E-04
610413.43	4205987.03	17889.06843	0.00031	0.18515	1.60081E-06	3.1584E-04
610420.43	4205987.03	18787.72401	0.00033	0.18274	1.57997E-06	3.3160E-04
610427.43	4205987.03	19742.28885	0.00035	0.18025	1.55844E-06	3.4835E-04
610434.43	4205987.03	20759.5584	0.00036	0.17770	1.53639E-06	3.6619E-04
610441.43	4205987.03	21843.14168	0.00038	0.17509	1.51383E-06	3.8520E-04
610448.43	4205987.03	23001.32471	0.00040	0.17242	1.49074E-06	4.0553E-04
610455.43	4205987.03	24238.94403	0.00043	0.16970	1.46723E-06	4.2724E-04
610462.43	4205987.03	25562.77565	0.00045	0.16693	1.44328E-06	4.5047E-04
610469.43	4205987.03	26980.43296	0.00047	0.16410	1.41881E-06	4.7535E-04
610476.43	4205987.03	28502.34886	0.00050	0.16123	1.39399E-06	5.0206E-04
610483.43	4205987.03	30134.25808	0.00053	0.15831	1.36875E-06	5.3070E-04
610490.43	4205987.03	31892.6812	0.00056	0.15535	1.34316E-06	5.6156E-04
610504.43	4205987.03	35852.88351	0.00063	0.14938	1.29154E-06	6.3107E-04
610511.43	4205987.03	38074.66783	0.00067	0.14633	1.26517E-06	6.7007E-04
610518.43	4205987.03	40476.81095	0.00071	0.14326	1.23863E-06	7.1224E-04
610525.43	4205987.03	43084.56949	0.00076	0.14015	1.21174E-06	7.5802E-04
610532.43	4205987.03	45914.60026	0.00081	0.13702	1.18467E-06	8.0771E-04
610539.43	4205987.03	48997.7678	0.00086	0.13387	1.15744E-06	8.6184E-04
610546.43	4205987.03	52355.6681	0.00092	0.13071	1.13012E-06	9.2080E-04
610553.43	4205987.03	56024.48429	0.00098	0.12754	1.10271E-06	9.8521E-04
610560.43	4205987.03	60032.57992	0.00105	0.12436	1.07522E-06	1.0556E-03
610567.43	4205987.03	64406.38815	0.00113	0.12119	1.04785E-06	1.1324E-03
610574.43	4205987.03	69178.6301	0.00122	0.11802	1.02040E-06	1.2162E-03
610581.43	4205987.03	74353.64834	0.00131	0.11487	9.93165E-07	1.3071E-03
610588.43	4205987.03	79925.47028	0.00140	0.11173	9.66017E-07	1.4049E-03

610595.43	4205987.03	85827.72588	0.00151	0.10862	9.39128E-07	1.5086E-03
610602.43	4205987.03	91938.93455	0.00161	0.10553	9.12412E-07	1.6159E-03
610609.43	4205987.03	98037.96482	0.00172	0.10247	8.85955E-07	1.7230E-03
610616.43	4205987.03	103822.999	0.00182	0.09945	8.59844E-07	1.8246E-03
610623.43	4205987.03	108996.3391	0.00191	0.09646	8.33993E-07	1.9154E-03
610630.43	4205987.03	113286.9351	0.00199	0.09352	8.08573E-07	1.9908E-03
610637.43	4205987.03	116506.3917	0.00205	0.09062	7.83500E-07	2.0473E-03
610644.43	4205987.03	118639.2769	0.00208	0.08777	7.58859E-07	2.0847E-03
610651.43	4205987.03	119559.0286	0.00210	0.08498	7.34737E-07	2.1009E-03
610658.43	4205987.03	118968.776	0.00209	0.08224	7.11047E-07	2.0905E-03
610665.43	4205987.03	116725.9968	0.00205	0.07957	6.87962E-07	2.0511E-03
610686.43	4205987.03	104485.7961	0.00184	0.07198	6.22339E-07	1.8360E-03
610693.43	4205987.03	99928.0316	0.00176	0.06960	6.01761E-07	1.7559E-03
610700.43	4205987.03	95207.92016	0.00167	0.06730	5.81875E-07	1.6730E-03
610707.43	4205987.03	90128.62422	0.00158	0.06507	5.62595E-07	1.5837E-03
610714.43	4205987.03	84672.27197	0.00149	0.06294	5.44179E-07	1.4879E-03
610721.43	4205987.03	78740.22103	0.00138	0.06088	5.26368E-07	1.3837E-03
610728.43	4205987.03	72349.02357	0.00127	0.05891	5.09336E-07	1.2714E-03
610735.43	4205987.03	65596.31629	0.00115	0.05703	4.93081E-07	1.1527E-03
610742.43	4205987.03	58622.11981	0.00103	0.05523	4.7751BE-07	1.0302E-03
610749.43	4205987.03	51666.61291	0.00091	0.05351	4.62647E-07	9.0802E-04
610756.43	4205987.03	45004.70354	0.00079	0.05187	4.48468E-07	7.9099E-04
610763.43	4205987.03	38907.40381	0.00068	0.05031	4.34980E-07	6.8387E-04
610770.43	4205987.03	33589.39456	0.00059	0.04882	4.2209TE-07	5.9044E-04
610777.43	4205987.03	29123.13837	0.00051	0.04741	4.09907E-07	5.1198E-04
610784.43	4205987.03	25475.33942	0.00045	0.04608	3.98407E-07	4.4789E-04
610791.43	4205987.03	22535.83558	0.00040	0.04481	3.87427E-07	3.9625E-04
610798.43	4205987.03	20158.13637	0.00035	0.04360	3.76965E-07	3.5447E-04
610805.43	4205987.03	18222.31696	0.00032	0.04245	3.67022E-07	3.2046E-04
610812.43	4205987.03	16625.51429	0.00029	0.04137	3.57685E-07	2.9240E-04
610819.43	4205987.03	15288.30091	0.00027	0.04033	3.48693E-07	2.6890E-04
610826.43	4205987.03	14155.89403	0.00025	0.03935	3.40220E-07	2.4900E-04
610833.43	4205987.03	13181.74202	0.00023	0.03841	3.32093E-07	2.3188E-04
610840.43	4205987.03	12334.60662	0.00022	0.03752	3.24398E-07	2.1699E-04
610847.43	4205987.03	11580.9855	0.00020	0.03667	3.17049E-07	2.0390E-04
610854.43	4205987.03	10930.51013	0.00019	0.03586	3.10045E-07	1.9231E-04
610861.43	4205987.03	10341.29047	0.00018	0.03508	3.03302E-07	1.8196E-04
610868.43	4205987.03	9811.30541	0.00017	0.03434	2.96903E-07	1.7264E-04
610875.43	4205987.03	9331.70995	0.00016	0.03363	2.90765E-07	1.6421E-04
610882.43	4205987.03	8895.32017	0.00016	0.03294	2.84799E-07	1.5654E-04
610889.43	4205987.03	8496.33323	0.00015	0.03229	2.79179E-07	1.4952E-04
610896.43	4205987.03	8130.15312	0.00014	0.03166	2.73732E-07	1.4309E-04
610903.43	4205987.03	7792.44267	0.00014	0.03105	2.68458E-07	1.3715E-04
610910.43	4205987.03	7479.99271	0.00013	0.03047	2.63443E-07	1.3165E-04
610917.43	4205987.03	7180.7936	0.00013	0.02990	2.58515E-07	1.2655E-04
610924.43	4205987.03	6919.5256	0.00012	0.02935	2.53760E-07	1.2180E-04
610931.43	4205987.03	6667.00673	0.00012	0.02883	2.49264E-07	1.1736E-04
610938.43	4205987.03	6430.47834	0.00011	0.02832	2.44855E-07	1.1320E-04
610945.43	4205987.03	6208.28554	0.00011	0.02782	2.40532E-07	1.0929E-04
610952.43	4205987.03	5999.16535	0.00011	0.02734	2.36382E-07	1.0562E-04
610959.43	4205987.03	5801.87212	0.00010	0.02687	2.32318E-07	1.0215E-04
610966.43	4205987.03	5615.43362	0.00010	0.02642	2.28427E-07	9.8868E-05
610973.43	4205987.03	5438.86288	0.00010	0.02598	2.24623E-07	9.5762E-05
610994.43	4205987.03	4960.85469	0.00009	0.02474	2.13902E-07	8.7355E-05
611001.43	4205987.03	4816.63358	0.00008	0.02435	2.10530E-07	8.4818E-05
611008.43	4205987.03	4679.07187	0.00008	0.02396	2.07158E-07	8.2398E-05
611015.43	4205987.03	4547.72938	0.00008	0.02359	2.03959E-07	8.0088E-05
611022.43	4205987.03	4422.23358	0.00008	0.02323	2.00846E-07	7.7881E-05
611029.43	4205987.03	4302.09046	0.00008	0.02288	1.97820E-07	7.5767E-05
611036.43	4205987.03	4187.04261	0.00007	0.02253	1.94794E-07	7.3743E-05
611043.43	4205987.03	4076.78449	0.00007	0.02220	1.91941E-07	7.1804E-05
611050.43	4205987.03	3970.99682	0.00007	0.02187	1.89088E-07	6.9943E-05
611057.43	4205987.03	3869.46091	0.00007	0.02155	1.86321E-07	6.8156E-05
611064.43	4205987.03	3771.89539	0.00007	0.02124	1.83641E-07	6.6440E-05
611071.43	4205987.03	3678.13055	0.00006	0.02094	1.81047E-07	6.4790E-05
611078.43	4205987.03	3587.92009	0.00006	0.02064	1.78453E-07	6.3201E-05
610294.43	4205994.03	8449.07212	0.00015	0.22440	1.94016E-06	1.5035E-04
610301.43	4205994.03	8786.65875	0.00015	0.22287	1.92693E-06	1.5627E-04
610308.43	4205994.03	9142.91241	0.00016	0.22130	1.91336E-06	1.6252E-04
610315.43	4205994.03	9518.83004	0.00017	0.21968	1.89935E-06	1.6910E-04
610322.43	4205994.03	9915.59586	0.00017	0.21800	1.88483E-06	1.7606E-04
610329.43	4205994.03	10334.61509	0.00018	0.21627	1.86987E-06	1.8346E-04
610336.43	4205994.03	10777.3638	0.00019	0.21449	1.85448E-06	1.9117E-04
610343.43	4205994.03	11246.86338	0.00020	0.21267	1.83874E-06	1.9940E-04
610350.43	4205994.03	11748.92869	0.00021	0.21087	1.82318E-06	2.0820E-04
610357.43	4205994.03	12280.07254	0.00022	0.20901	1.80710E-06	2.1752E-04
610364.43	4205994.03	12843.68518	0.00023	0.20711	1.79067E-06	2.2740E-04
610371.43	4205994.03	13440.6584	0.00024	0.20514	1.77364E-06	2.3787E-04
610378.43	4205994.03	14074.13769	0.00025	0.20312	1.75617E-06	2.4898E-04
610385.43	4205994.03	14747.64324	0.00026	0.20105	1.73828E-06	2.6078E-04
610392.43	4205994.03	15462.43461	0.00027	0.19890	1.71969E-06	2.7333E-04
610399.43	4205994.03	16223.51689	0.00028	0.19670	1.70067E-06	2.8668E-04
610406.43	4205994.03	17032.29539	0.00030	0.19441	1.68087E-06	3.0087E-04
610413.43	4205994.03	17894.75714	0.00031	0.19207	1.66064E-06	3.1600E-04
610420.43	4205994.03	18805.57394	0.00033	0.18958	1.63911E-06	3.3197E-04
610427.43	4205994.03	19774.21535	0.00035	0.18701	1.61689E-06	3.4897E-04
610434.43	4205994.03	20807.73344	0.00037	0.18438	1.59415E-06	3.6713E-04
610441.43	4205994.03	21911.76062	0.00038	0.18169	1.57089E-06	3.8647E-04
610448.43	4205994.03	23093.38166	0.00041	0.17894	1.54711E-06	4.0720E-04
610455.43	4205994.03	24356.75593	0.00043	0.17612	1.52273E-06	4.2937E-04
610462.43	4205994.03	25710.36644	0.00045	0.17325	1.49792E-06	4.5312E-04
610469.43	4205994.03	27162.51469	0.00048	0.17031	1.47259E-06	4.7860E-04
610476.43	4205994.03	28724.3941	0.00050	0.16733	1.44678E-06	5.0601E-04
610483.43	4205994.03	30402.77885	0.00053	0.16430	1.42054E-06	5.3547E-04
610490.43	4205994.03	32217.63264	0.00057	0.16123	1.39399E-06	5.6732E-04
610504.43	4205994.03	36322.32553	0.00064	0.15502	1.34030E-06	6.3937E-04
610511.43	4205994.03	38635.9059	0.00068	0.15186	1.31298E-06	6.7998E-04
610518.43	4205994.03	41146.9414	0.00072	0.14865	1.28523E-06	7.2406E-04
610525.43	4205994.03	43884.26503	0.00077	0.14542	1.25730E-06	7.7212E-04
610532.43	4205994.03	46869.8636	0.00082	0.14215	1.22903E-06	8.2453E-04
610539.43	4205994.03	50142.7492	0.00088	0.13887	1.20067E-06	8.8198E-04
610546.43	4205994.03	53733.53216	0.00094	0.13556	1.17205E-06	9.4504E-04
610553.43	4205994.03	57683.43466	0.00101	0.13225	1.14343E-06	1.0144E-03
610560.43	4205994.03	62046.72298	0.00109	0.12893	1.11478E-06	1.0916E-03
610567.43	4205994.03	66867.60107	0.00117	0.12561	1.08602E-06	1.1757E-03
610574.43	4205994.03	72209.90602	0.00127	0.12230	1.05741E-06	1.2695E-03
610581.43	4205994.03	78114.78282	0.00137	0.11899	1.02879E-06	1.3732E-03
610588.43	4205994.03	84624.42311	0.00149	0.11571	1.00043E-06	1.4875E-03
610595.43	4205994.03	91722.56827	0.00161	0.11245	9.72242E-07	1.6121E-03
610602.43	4205994.03	99301.35962	0.00174	0.10921	9.44229E-07	1.7452E-03
610609.43	4205994.03	107116.6656	0.00188	0.10601	9.16562E-07	1.8825E-03
610616.43	4205994.03	114743.597	0.00202	0.10284	8.89154E-07	2.0164E-03
610623.43	4205994.03	121682.0858	0.00214	0.09971	8.62092E-07	2.1383E-03
610630.43	4205994.03	127478.9292	0.00224	0.09662	8.35376E-07	2.2401E-03
610637.43	4205994.03	131818.1816	0.00232	0.09359	8.09179E-07	2.3163E-03
610644.43	4205994.03	134920.4612	0.00237	0.09060	7.83327E-07	2.3708E-03
610651.43	4205994.03	136755.2907	0.00240	0.08768	7.58081E-07	2.4030E-03
610658.43	4205994.03	136553.086	0.00240	0.08482	7.33353E-07	2.3994E-03
610665.43	4205994.03	133694.3764	0.00235	0.08202	7.09145E-07	2.3491E-03
610686.43	4205994.03	119565.2279	0.00210	0.07408	6.40495E-07	2.1009E-03
610693.43	4205994.03	114799.0203	0.00202	0.07159	6.18967E-07	2.0171E-03
610700.43	4205994.03	109839.7335	0.00193	0.06919	5.98216E-07	1.9300E-03
610707.43	4205994.03	104375.8326	0.00183	0.06687	5.78158E-07	1.8340E-03
610714.43	4205994.03	98394.45162	0.00173	0.06464	5.58877E-07	1.7289E-03
610721.43	4205994.03	91746.04369	0.00161	0.06250	5.40375E-07	1.6121E-03
610728.43	4205994.03	84441.23624	0.00148	0.06046	5.22737E-07	1.4838E-03
610735.43	4205994.03	76512.89963	0.00134	0.05850	5.05791E-07	1.3445E-03
610742.43	4205994.03	68144.25544	0.00120	0.05662	4.89536E-07	1.1975E-03
610749.43	4205994.03	59645.98365	0.00105	0.05484	4.74146E-07	1.0482E-03
610756.43	4205994.03	51419.97005	0.00090	0.05314	4.59448E-07	9.0369E-04
610763.43	4205994.03	43943.69388	0.00077	0.05153	4.4552BE-07	7.7235E-04
610770.43	4205994.03	37521.24784	0.00066	0.04999	4.32213E-07	6.5952E-04
610777.43	4205994.03	32260.93956	0.00057	0.04854	4.19677E-07	5.6711E-04
610784.43	4205994.03	28090.45087	0.00049	0.04715	4.07659E-07	4.9384E-04
610791.43	4205994.03	24831.86	0.00044	0.04584	3.96332E-07	4.3659E-04
610798.43	4205994.03	22244.87863	0.00039	0.04460	3.85611E-07	3.9113E-04
610805.43	4205994.03	20150.34073	0.00035	0.04342	3.75409E-07	3.5433E-04
610812.43	4205994.03	18423.12297	0.00032	0.04230	3.65726E-07	3.2398E-04
610819.43	4205994.03	16979.84723	0.00030	0.04123	3.56474E-07	2.9862E-04
610826.43	4205994.03	15744.02964	0.00028	0.04022	3.47742E-07	2.7690E-04
610833.43	4205994.03	14670.63186	0.00026	0.03926	3.39442E-07	2.5804E-04
610840.43	4205994.03	13736.05712	0.00024	0.03834	3.31487E-07	2.4162E-04
610847.43	4205994.03	12909.1727	0.00023	0.03747	3.23965E-07	2.2708E-04
610854.43	4205994.03	12172.19639	0.00021	0.03664	3.16789E-07	2.1413E-04
610861.43	4205994.03	11510.55609	0.00020	0.03584	3.09872E-07	2.0250E-04
610868.43	4205994.03	10912.83855	0.00019	0.03508	3.03302E-07	1.9200E-04
610875.43	4205994.03	10370.00197	0.00018	0.03434	2.96903E-07	1.8245E-04
610882.43	4205994.03	9874.71469	0.00017	0.03364	2.90851E-07	1.7375E-04
610889.43	4205994.03	9420.89304	0.00017	0.03297	2.85058E-07	1.6577E-04
610896.43	4205994.03	9003.52041	0.00016	0.03232	2.79439E-07	1.5843E-04
610903.43	4205994.03	8618.19401	0.00015	0.03170	2.74078E-07	1.5166E-04
610910.43	4205994.03	8261.38861	0.00015	0.03110	2.68890E-07	1.4539E-04
610917.43	4205994.03	7929.91571	0.00014	0.03051	2.63789E-07	1.3956E-04
610924.43	4205994.03	7621.0881	0.00013	0.02995	2.58948E-07	1.3413E-04
610931.43	4205994.03	7332.58358	0.00013	0.02941	2.54279E-07	1.2906E-04
610938.43	4205994.03	7062.49081	0.00012	0.02889	2.49783E-07	1.2431E-04
610945.43	4205994.03	6808.98721	0.00012	0.02838	2.45373E-07	1.1985E-04
610952.43	4205994.03	6570.50849	0.00012	0.02788	2.41050E-07	1.1566E-04
610959.43	4205994.03	6345.74446	0.00011	0.02741	2.36987E-07	1.1170E-04
610966.43	4205994.03	6133.52495	0.00011	0.02694	2.32923E-07	1.0797E-04
610973.43	4205994.03	5932.83358	0.00010	0.02649	2.29032E-07	1.0444E-04
610994.43	4205994.03	5390.80097	0.00009	0.02521	2.17966E-07	9.4911E-05
611001.43	4205994.03	5227.70734	0.00009	0.02481	2.14507E-07	9.2043E-05
611008.43	4205994.03	5072.39654	0.00009	0.02442	2.11135E-07	8.9311E-05
611015.43	4205994.03	4924.28055	0.00009	0.02403	2.07763E-07	8.6706E-05
611022.43	4205994.03	4782.98139	0.00008	0.02366	2.04564E-07	8.4221E-05
611029.43	4205994.03	4647.93657	0.00008	0.02330	2.01452E-07	8.1846E-05
611036.43	4205994.03	4518.82196	0.00008	0.02295	1.98426E-07	7.9575E-05
611043.43	4205994.03	4395.21692	0.00008	0.02261	1.95486E-07	7.7401E-05
611050.43	4205994.03	4276.87763	0.00008	0.02227	1.92546E-07	7.5319E-05
611057.43	4205994.03	4163.38473	0.00007	0.02195	1.89780E-07	7.3323E-05
611064.43	4205994.03	4054.53924	0.00007	0.02163	1.87013E-07	7.1408E-05
611071.43	4205994.03	3950.0267	0.00007	0.02132	1.84333E-07	6.9569E-05
611078.43	4205994.03	3849.65656	0.00007	0.02102	1.81739E-07	6.7804E-05
610294.43	4206001.03	8384.69867	0.00015	0.23223	2.00786E-06	1.4929E-04
610301.43	4206001.03	8721.94579	0.00015	0.23070	1.99463E-06	1.5520E-04
610308.43	4206001.03	9077.86428	0.00016	0.22911	1.98088E-06	1.6144E-04
610315.43	4206001.03	9453.45998	0.00017	0.22747	1.96670E-06	1.6802E-04
610322.43	4206001.03	9850.23745	0.00017	0.22577	1.95201E-06	1.7498E-04
610329.43	4206001.03	10269.54777	0.00018	0.22402	1.93688E-06	1.8233E-04
610336.43	4206001.03	10712.91837	0.00019	0.22221	1.92123E-06	1.9010E-04
610343.43	4206001.03	11183.35985	0.00020	0.22036	1.90523E-06	1.9835E-04
610350.43	4206001.03	11686.29406	0.00021	0.21854	1.88950E-06	2.0717E-04
610357.43	4206001.03	12220.14234	0.00021	0.21666	1.87324E-06	2.1653E-04
610364.43	4206001.03	12785.67321	0.00022	0.21472	1.85647E-06	2.2645E-04
610371.43	4206001.03	13386.75555	0.00024	0.21273	1.83926E-06	2.3699E-04
610378.43	4206001.03	14024.35288	0.00025	0.21067	1.82145E-06	2.4817E-04
610385.43	4206001.03	14703.00441	0.00026	0.20856	1.80321E-06	2.6007E-04
610392.43	4206001.03	15423.86072	0.00027	0.20637	1.78427E-06	2.7272E-04
610399.43	4206001.03	16192.25271	0.00028	0.20411	1.76473E-06	2.8619E-04
610406.43	4206001.03	17009.77989	0.00030	0.20177	1.74450E-06	3.0053E-04
610413.43	4206001.03	17881.24236	0.00031	0.19936	1.73367E-06	3.1582E-04
610420.43	4206001.03	18803.80561	0.00033	0.19681	1.70162E-06	3.3200E-04
610427.43	4206001.03	19784.93053	0.00035	0.19416	1.67871E-06	3.4922E-04
610434.43	4206001.03	20834.36461	0.00037	0.19145	1.65528E-06	3.6763E-04
610441.43	4206001.03	21955.34565	0.00039	0.18866	1.63115E-06	3.8729E-04

610448.43	4206001.03	23156.98838	0.00041	0.18582	1.60660E-06	4.0838E-04
610455.43	4206001.03	24443.31977	0.00043	0.18290	1.58135E-06	4.3095E-04
610462.43	4206001.03	25825.58061	0.00045	0.17993	1.55567E-06	4.5523E-04
610469.43	4206001.03	27309.22758	0.00048	0.17689	1.52939E-06	4.8124E-04
610476.43	4206001.03	28907.74513	0.00051	0.17380	1.50267E-06	5.0929E-04
610483.43	4206001.03	30630.82356	0.00054	0.17065	1.47544E-06	5.3953E-04
610504.43	4206001.03	36734.57798	0.00065	0.16101	1.39209E-06	6.4666E-04
610511.43	4206001.03	39133.679	0.00069	0.15772	1.36365E-06	6.8878E-04
610518.43	4206001.03	41745.81281	0.00073	0.15437	1.33468E-06	7.3413E-04
610525.43	4206001.03	44604.21409	0.00078	0.15100	1.30555E-06	7.8481E-04
610532.43	4206001.03	47738.86273	0.00084	0.14760	1.27615E-06	8.3984E-04
610539.43	4206001.03	51184.34734	0.00090	0.14416	1.24641E-06	9.0034E-04
610546.43	4206001.03	54993.43299	0.00097	0.14071	1.21658E-06	9.6722E-04
610553.43	4206001.03	59212.51952	0.00104	0.13724	1.18658E-06	1.0413E-03
610560.43	4206001.03	63915.40457	0.00112	0.13377	1.15657E-06	1.1239E-03
610567.43	4206001.03	69169.63245	0.00122	0.13030	1.12657E-06	1.2161E-03
610574.43	4206001.03	75075.22814	0.00132	0.12683	1.09657E-06	1.3198E-03
610581.43	4206001.03	81727.7175	0.00144	0.12337	1.06666E-06	1.4367E-03
610588.43	4206001.03	89223.5452	0.00157	0.11993	1.03691E-06	1.5683E-03
610595.43	4206001.03	97652.55734	0.00172	0.11651	1.00734E-06	1.7163E-03
610602.43	4206001.03	106991.6907	0.00188	0.11311	9.77948E-07	1.8804E-03
610609.43	4206001.03	117043.164	0.00206	0.10975	9.48898E-07	2.0569E-03
610616.43	4206001.03	127193.5985	0.00223	0.10643	9.20193E-07	2.2352E-03
610623.43	4206001.03	136521.9394	0.00240	0.10315	8.91834E-07	2.3990E-03
610630.43	4206001.03	144139.7959	0.00253	0.09991	8.63821E-07	2.5328E-03
610637.43	4206001.03	149642.9503	0.00263	0.09672	8.36241E-07	2.6294E-03
610644.43	4206001.03	153618.9712	0.00270	0.09359	8.09179E-07	2.6992E-03
610651.43	4206001.03	156267.4129	0.00274	0.09053	7.82722E-07	2.7457E-03
610658.43	4206001.03	155991.7483	0.00274	0.08753	7.56784E-07	2.7409E-03
610665.43	4206001.03	152130.0529	0.00267	0.08460	7.31455E-07	2.6730E-03
610686.43	4206001.03	137632.1463	0.00242	0.07629	6.59603E-07	2.4183E-03
610693.43	4206001.03	133075.3206	0.00234	0.07368	6.37037E-07	2.3382E-03
610700.43	4206001.03	128035.3855	0.00225	0.07117	6.15335E-07	2.2497E-03
610707.43	4206001.03	122176.0953	0.00215	0.06875	5.94412E-07	2.1467E-03
610714.43	4206001.03	115658.6522	0.00203	0.06643	5.74353E-07	2.0322E-03
610721.43	4206001.03	108235.4401	0.00190	0.06420	5.55073E-07	1.9018E-03
610728.43	4206001.03	99879.76832	0.00175	0.06207	5.36657E-07	1.7550E-03
610735.43	4206001.03	90599.46106	0.00159	0.06003	5.19019E-07	1.5920E-03
610742.43	4206001.03	80521.15177	0.00141	0.05809	5.02244E-07	1.4149E-03
610749.43	4206001.03	70004.55943	0.00123	0.05624	4.86251E-07	1.2302E-03
610756.43	4206001.03	59669.0069	0.00105	0.05447	4.70947E-07	1.0486E-03
610763.43	4206001.03	50300.13755	0.00088	0.05280	4.56509E-07	8.8402E-04
610770.43	4206001.03	42404.69993	0.00074	0.05121	4.42761E-07	7.4531E-04
610777.43	4206001.03	36195.65254	0.00064	0.04971	4.29792E-07	6.3623E-04
610784.43	4206001.03	31447.90954	0.00055	0.04828	4.17429E-07	5.5282E-04
610791.43	4206001.03	27812.03887	0.00049	0.04693	4.05757E-07	4.8894E-04
610798.43	4206001.03	24993.33238	0.00044	0.04564	3.94603E-07	4.3942E-04
610805.43	4206001.03	22699.48158	0.00040	0.04443	3.84142E-07	3.9912E-04
610812.43	4206001.03	20789.37444	0.00037	0.04327	3.74112E-07	3.6555E-04
610819.43	4206001.03	19173.84419	0.00034	0.04218	3.64688E-07	3.3717E-04
610826.43	4206001.03	17788.17239	0.00031	0.04114	3.55696E-07	3.1284E-04
610833.43	4206001.03	16576.05676	0.00029	0.04015	3.47137E-07	2.9152E-04
610840.43	4206001.03	15505.70194	0.00027	0.03920	3.38923E-07	2.7271E-04
610847.43	4206001.03	14556.32819	0.00026	0.03830	3.31142E-07	2.5622E-04
610854.43	4206001.03	13706.52696	0.00024	0.03745	3.23793E-07	2.4109E-04
610861.43	4206001.03	12941.03588	0.00023	0.03663	3.16703E-07	2.2764E-04
610868.43	4206001.03	12248.13333	0.00022	0.03584	3.09872E-07	2.1546E-04
610875.43	4206001.03	11617.83798	0.00020	0.03509	3.03388E-07	2.0438E-04
610882.43	4206001.03	11042.60278	0.00019	0.03437	2.97163E-07	1.9427E-04
610889.43	4206001.03	10515.38695	0.00018	0.03368	2.91197E-07	1.8500E-04
610896.43	4206001.03	10030.60235	0.00018	0.03301	2.85404E-07	1.7648E-04
610903.43	4206001.03	9583.39077	0.00017	0.03237	2.79871E-07	1.6862E-04
610910.43	4206001.03	9169.5679	0.00016	0.03175	2.74510E-07	1.6134E-04
610917.43	4206001.03	8785.58672	0.00015	0.03115	2.69323E-07	1.5459E-04
610924.43	4206001.03	8428.25328	0.00015	0.03058	2.64395E-07	1.4831E-04
610931.43	4206001.03	8094.96879	0.00014	0.03002	2.59553E-07	1.4245E-04
610938.43	4206001.03	7783.30192	0.00014	0.02948	2.54884E-07	1.3697E-04
610945.43	4206001.03	7491.27676	0.00013	0.02896	2.50388E-07	1.3184E-04
610952.43	4206001.03	7217.09345	0.00013	0.02845	2.45978E-07	1.2702E-04
610959.43	4206001.03	6959.12086	0.00012	0.02796	2.41742E-07	1.2248E-04
610966.43	4206001.03	6715.99141	0.00012	0.02748	2.37592E-07	1.1821E-04
610994.43	4206001.03	5868.77027	0.00010	0.02570	2.22202E-07	1.0331E-04
611001.43	4206001.03	5683.63571	0.00010	0.02529	2.18657E-07	1.0006E-04
611008.43	4206001.03	5507.64578	0.00010	0.02489	2.15199E-07	9.6961E-05
611015.43	4206001.03	5340.11258	0.00009	0.02450	2.11827E-07	9.4015E-05
611022.43	4206001.03	5180.54131	0.00009	0.02412	2.08541E-07	9.1209E-05
611029.43	4206001.03	5028.35059	0.00009	0.02374	2.05256E-07	8.8532E-05
611036.43	4206001.03	4883.03529	0.00009	0.02338	2.02143E-07	8.5976E-05
611043.43	4206001.03	4744.16781	0.00008	0.02303	1.99117E-07	8.3534E-05
611050.43	4206001.03	4611.41693	0.00008	0.02269	1.96178E-07	8.1199E-05
611057.43	4206001.03	4484.39929	0.00008	0.02236	1.93324E-07	7.8965E-05
611064.43	4206001.03	4362.70167	0.00008	0.02203	1.90471E-07	7.6825E-05
611071.43	4206001.03	4246.07495	0.00007	0.02172	1.87791E-07	7.4773E-05
611078.43	4206001.03	4134.23693	0.00007	0.02141	1.85111E-07	7.2806E-05
610294.43	4206008.03	8315.99242	0.00015	0.24047	2.07910E-06	1.4816E-04
610301.43	4206008.03	8652.90576	0.00015	0.23892	2.06570E-06	1.5405E-04
610308.43	4206008.03	9007.28954	0.00016	0.23732	2.05187E-06	1.6027E-04
610315.43	4206008.03	9381.70725	0.00016	0.23565	2.03743E-06	1.6683E-04
610322.43	4206008.03	9777.91066	0.00017	0.23394	2.02264E-06	1.7378E-04
610329.43	4206008.03	10196.97064	0.00018	0.23216	2.00725E-06	1.8112E-04
610336.43	4206008.03	10640.29414	0.00019	0.23033	1.99143E-06	1.8890E-04
610343.43	4206008.03	11111.12861	0.00020	0.22846	1.97526E-06	1.9715E-04
610350.43	4206008.03	11615.49371	0.00020	0.22662	1.95936E-06	2.0599E-04
610357.43	4206008.03	12149.95174	0.00021	0.22471	1.94284E-06	2.1537E-04
610364.43	4206008.03	12717.29906	0.00022	0.22274	1.92581E-06	2.2531E-04
610371.43	4206008.03	13320.0034	0.00023	0.22071	1.90826E-06	2.3588E-04
610378.43	4206008.03	13961.67772	0.00025	0.21863	1.89027E-06	2.4714E-04
610385.43	4206008.03	14643.39185	0.00026	0.21646	1.87151E-06	2.5909E-04
610392.43	4206008.03	15369.18498	0.00027	0.21423	1.85223E-06	2.7182E-04
610399.43	4206008.03	16142.5018	0.00028	0.21191	1.83217E-06	2.8539E-04
610406.43	4206008.03	16968.32368	0.00030	0.20953	1.81160E-06	2.9987E-04
610413.43	4206008.03	17848.54897	0.00031	0.20705	1.79015E-06	3.1531E-04
610420.43	4206008.03	18780.03846	0.00033	0.20442	1.76741E-06	3.3165E-04
610427.43	4206008.03	19772.94121	0.00035	0.20170	1.74390E-06	3.4907E-04
610434.43	4206008.03	20835.00051	0.00037	0.19890	1.71969E-06	3.6770E-04
610441.43	4206008.03	21973.77811	0.00039	0.19604	1.69496E-06	3.8768E-04
610448.43	4206008.03	23193.09411	0.00041	0.19310	1.66954E-06	4.0907E-04
610455.43	4206008.03	24501.75965	0.00043	0.19008	1.64343E-06	4.3203E-04
610462.43	4206008.03	25908.26734	0.00046	0.18701	1.61689E-06	4.5671E-04
610469.43	4206008.03	27422.04742	0.00048	0.18386	1.58965E-06	4.8328E-04
610476.43	4206008.03	29053.83197	0.00051	0.18065	1.56190E-06	5.1191E-04
610483.43	4206008.03	30815.81104	0.00054	0.17738	1.53363E-06	5.4284E-04
610504.43	4206008.03	37090.90444	0.00065	0.16736	1.44699E-06	6.5298E-04
610511.43	4206008.03	39565.98884	0.00070	0.16393	1.41734E-06	6.9642E-04
610518.43	4206008.03	42274.5131	0.00074	0.16045	1.38725E-06	7.4397E-04
610525.43	4206008.03	45241.54597	0.00079	0.15693	1.35682E-06	7.9606E-04
610532.43	4206008.03	48510.45627	0.00085	0.15338	1.32612E-06	8.5345E-04
610539.43	4206008.03	52118.77849	0.00092	0.14979	1.29508E-06	9.1680E-04
610546.43	4206008.03	56128.12907	0.00099	0.14618	1.26387E-06	9.8720E-04
610553.43	4206008.03	60596.1891	0.00106	0.14255	1.23249E-06	1.0656E-03
610560.43	4206008.03	65613.88556	0.00115	0.13891	1.20102E-06	1.1538E-03
610567.43	4206008.03	71278.02549	0.00125	0.13528	1.16963E-06	1.2531E-03
610574.43	4206008.03	77709.47331	0.00137	0.13164	1.13816E-06	1.3662E-03
610581.43	4206008.03	85076.85151	0.00149	0.12801	1.10677E-06	1.4955E-03
610588.43	4206008.03	93554.46315	0.00164	0.12440	1.07556E-06	1.6444E-03
610595.43	4206008.03	103367.0039	0.00182	0.12081	1.04452E-06	1.8168E-03
610602.43	4206008.03	114669.7185	0.00201	0.11725	1.01374E-06	2.0153E-03
610609.43	4206008.03	127439.6462	0.00224	0.11372	9.83223E-07	2.2392E-03
610616.43	4206008.03	140817.096	0.00247	0.11023	9.53048E-07	2.4745E-03
610623.43	4206008.03	152972.3376	0.00269	0.10679	9.23306E-07	2.6880E-03
610630.43	4206008.03	162297.9812	0.00285	0.10339	8.93909E-07	2.8518E-03
610637.43	4206008.03	168653.2146	0.00296	0.10004	8.64945E-07	2.9634E-03
610644.43	4206008.03	173084.6437	0.00304	0.09676	8.36586E-07	3.0412E-03
610651.43	4206008.03	175753.2053	0.00309	0.09354	8.08748E-07	3.0888E-03
610658.43	4206008.03	174574.816	0.00307	0.09039	7.81511E-07	3.0673E-03
610686.43	4206008.03	158477.1123	0.00278	0.07861	6.79662E-07	2.7844E-03
610693.43	4206008.03	154717.8351	0.00272	0.07588	6.56058E-07	2.7184E-03
610700.43	4206008.03	149586.3167	0.00263	0.07326	6.33406E-07	2.6282E-03
610707.43	4206008.03	143086.7612	0.00251	0.07073	6.11531E-07	2.5140E-03
610714.43	4206008.03	135933.2113	0.00239	0.06830	5.90521E-07	2.3884E-03
610721.43	4206008.03	127673.3469	0.00224	0.06598	5.70463E-07	2.2432E-03
610728.43	4206008.03	118214.0054	0.00208	0.06376	5.51269E-07	2.0771E-03
610735.43	4206008.03	107443.9577	0.00189	0.06164	5.32939E-07	1.8879E-03
610742.43	4206008.03	95341.60498	0.00167	0.05962	5.15474E-07	1.6753E-03
610749.43	4206008.03	82291.82579	0.00145	0.05769	4.98787E-07	1.4460E-03
610756.43	4206008.03	69115.02329	0.00121	0.05587	4.83052E-07	1.2145E-03
610763.43	4206008.03	57341.29652	0.00101	0.05413	4.68008E-07	1.0077E-03
610770.43	4206008.03	47961.83292	0.00084	0.05249	4.53828E-07	8.4294E-04
610777.43	4206008.03	41048.29244	0.00072	0.05093	4.40341E-07	7.2148E-04
610784.43	4206008.03	35850.44738	0.00063	0.04946	4.27631E-07	6.3017E-04
610791.43	4206008.03	31871.66848	0.00056	0.04806	4.15527E-07	5.6026E-04
610798.43	4206008.03	28744.91866	0.00050	0.04673	4.04027E-07	5.0533E-04
610805.43	4206008.03	26160.34869	0.00046	0.04548	3.93220E-07	4.5992E-04
610812.43	4206008.03	23964.4513	0.00042	0.04429	3.82931E-07	4.2134E-04
610819.43	4206008.03	22077.85579	0.00039	0.04316	3.73161E-07	3.8819E-04
610826.43	4206008.03	20446.16048	0.00036	0.04209	3.63910E-07	3.5952E-04
610833.43	4206008.03	19009.18821	0.00033	0.04107	3.55091E-07	3.3427E-04
610840.43	4206008.03	17736.60552	0.00031	0.04010	3.46704E-07	3.1190E-04
610847.43	4206008.03	16605.47249	0.00029	0.03917	3.38664E-07	2.9203E-04
610854.43	4206008.03	15592.6434	0.00027	0.03829	3.31055E-07	2.7423E-04
610861.43	4206008.03	14680.88797	0.00026	0.03745	3.23793E-07	2.5820E-04
610868.43	4206008.03	13856.62063	0.00024	0.03664	3.16789E-07	2.4372E-04
610875.43	4206008.03	13108.16863	0.00023	0.03587	3.10132E-07	2.3056E-04
610882.43	4206008.03	12426.38833	0.00022	0.03513	3.03734E-07	2.1858E-04
610889.43	4206008.03	11803.01859	0.00021	0.03441	2.97509E-07	2.0763E-04
610896.43	4206008.03	11231.13116	0.00020	0.03373	2.91629E-07	1.9757E-04
610903.43	4206008.03	10704.80658	0.00019	0.03307	2.85923E-07	1.8833E-04
610910.43	4206008.03	10218.9985	0.00018	0.03243	2.80390E-07	1.7978E-04
610917.43	4206008.03	9769.90755	0.00017	0.03182	2.75116E-07	1.7188E-04
610924.43	4206008.03	9351.97557	0.00016	0.03122	2.69928E-07	1.6454E-04
610931.43	4206008.03	8963.59606	0.00016	0.03065	2.65000E-07	1.5772E-04
610938.43	4206008.03	8601.42317	0.00015	0.03009	2.60158E-07	1.5135E-04
610945.43	4206008.03	8262.85581	0.00015	0.02956	2.55576E-07	1.4540E-04
610952.43	4206008.03	7945.70816	0.00014	0.02904	2.51080E-07	1.3982E-04
610959.43	4206008.03	7648.01983	0.00013	0.02853	2.46670E-07	1.3459E-04
610966.43	4206008.03	7368.19493	0.00013	0.02804	2.42434E-07	1.2967E-04
610987.43	4206008.03	6620.77624	0.00012	0.02665	2.30416E-07	1.1653E-04
610994.43	4206008.03	6398.35481	0.00011	0.02621	2.26612E-07	1.1262E-04
611001.43	4206008.03	6187.65515	0.00011	0.02579	2.22980E-07	1.0891E-04
611008.43	4206008.03	5987.74671	0.00011	0.02538	2.19435E-07	1.0540E-04
611015.43	4206008.03	5797.88493	0.00010	0.02498	2.15977E-07	1.0206E-04
611022.43	4206008.03	5617.3824	0.00010	0.02459	2.12605E-07	9.8886E-05
611029.43	4206008.03	5445.54806	0.00010	0.02421	2.09320E-07	9.5864E-05
611036.43	4206008.03	5281.80834	0.00009	0.02384	2.06121E-07	9.2985E-05
611043.43	4206008.03	5125.63279	0.00009	0.02348	2.03008E-07	9.0239E-05
611050.43	4206008.03	4976.56696	0.00009	0.02312	1.99895E-07	8.7617E-05
611057.43	4206008.03	4834.20483	0.00008	0.02278	1.96956E-07	8.5113E-05
611064.43	4206008.03	4698.04396	0.00008	0.02245	1.94103E-07	8.2719E-05
611071.43	4206008.03	4567.77199	0.00008	0.02213	1.91336E-07	8.0428E-05
611078.43	4206008.03	4443.03761	0.00008	0.02181	1.88569E-07	7.8234E-05
610294.43	4206015.03	8242.38436	0.00014	0.24912	2.15389E-06	1.4694E-04
610301.43	4206015.03	8577.26855	0.00015	0.24756	2.14040E-06	1.5281E-04
610308.43	4206015.03	8930.90128	0.00016	0.24595	2.12648E-06	1.5900E-04
610315.43	4206015.03	9304.63864	0.00016	0.24428	2.11204E-06	1.6555E-04
610322.43	4206015.03	9699.90418	0.00017	0.24254	2.09700E-06	1.7248E-04
610329.43	4206015.03	10118.09012	0.00018	0.24075	2.08152E-06	1.7981E-04

610336.43	4206015.03	10560.89818	0.00019	0.23890	2.06553E-06	1.8758E-04
610343.43	4206015.03	11031.43427	0.00019	0.23700	2.04910E-06	1.9582E-04
610350.43	4206015.03	11534.62299	0.00020	0.23512	2.03285E-06	2.0465E-04
610357.43	4206015.03	12069.52231	0.00021	0.23318	2.01607E-06	2.1403E-04
610364.43	4206015.03	12637.05774	0.00022	0.23117	1.99869E-06	2.2398E-04
610371.43	4206015.03	13241.28964	0.00023	0.22911	1.98088E-06	2.3457E-04
610378.43	4206015.03	13883.26052	0.00024	0.22697	1.96238E-06	2.4583E-04
610385.43	4206015.03	14567.70141	0.00026	0.22477	1.94336E-06	2.5784E-04
610392.43	4206015.03	15297.1202	0.00027	0.22249	1.92365E-06	2.7063E-04
610399.43	4206015.03	16074.02701	0.00028	0.22011	1.90307E-06	2.842E-04
610406.43	4206015.03	16904.3443	0.00030	0.21766	1.88189E-06	2.9882E-04
610413.43	4206015.03	17790.28734	0.00031	0.21512	1.8599E-06	3.1436E-04
610420.43	4206015.03	18731.27154	0.00033	0.21243	1.83667E-06	3.3087E-04
610427.43	4206015.03	19735.41707	0.00035	0.20964	1.81255E-06	3.4848E-04
610434.43	4206015.03	20809.33139	0.00037	0.20676	1.78765E-06	3.6732E-04
610441.43	4206015.03	21962.29721	0.00039	0.20382	1.76223E-06	3.8755E-04
610448.43	4206015.03	23199.81685	0.00041	0.20080	1.73612E-06	4.0926E-04
610455.43	4206015.03	24529.97732	0.00043	0.19770	1.70931E-06	4.326E-04
610462.43	4206015.03	25961.59496	0.00046	0.19452	1.68182E-06	4.5772E-04
610469.43	4206015.03	27504.69404	0.00048	0.19127	1.65372E-06	4.8479E-04
610476.43	4206015.03	29168.57158	0.00051	0.18795	1.62501E-06	5.1399E-04
610483.43	4206015.03	30970.30248	0.00054	0.18456	1.59570E-06	5.4561E-04
610504.43	4206015.03	37401.64653	0.00066	0.17414	1.50561E-06	6.5849E-04
610511.43	4206015.03	39949.73616	0.00070	0.17056	1.47466E-06	7.0322E-04
610518.43	4206015.03	42738.40194	0.00075	0.16692	1.44319E-06	7.5217E-04
610525.43	4206015.03	45808.03057	0.00080	0.16325	1.41146E-06	8.0606E-04
610532.43	4206015.03	49196.56434	0.00086	0.15953	1.37930E-06	8.6555E-04
610539.43	4206015.03	52954.09412	0.00093	0.15578	1.34687E-06	9.3152E-04
610546.43	4206015.03	57141.47428	0.00100	0.15200	1.31419E-06	1.005E-03
610553.43	4206015.03	61830.36465	0.00109	0.14819	1.28125E-06	1.087E-03
610560.43	4206015.03	67126.77628	0.00118	0.14438	1.24831E-06	1.1804E-03
610567.43	4206015.03	73155.72828	0.00129	0.14057	1.21537E-06	1.286E-03
610574.43	4206015.03	80065.65464	0.00141	0.13675	1.18234E-06	1.4076E-03
610581.43	4206015.03	88079.80749	0.00155	0.13295	1.14949E-06	1.5483E-03
610588.43	4206015.03	97457.77351	0.00171	0.12915	1.11663E-06	1.713E-03
610595.43	4206015.03	108570.5844	0.00191	0.12538	1.08403E-06	1.9082E-03
610602.43	4206015.03	121814.2601	0.00214	0.12164	1.05170E-06	2.140BE-03
610609.43	4206015.03	137333.6749	0.00241	0.11793	1.01962E-06	2.413AE-03
610616.43	4206015.03	153969.349	0.00270	0.11427	9.87978E-07	2.705EE-03
610623.43	4206015.03	168103.6841	0.00295	0.11064	9.56593E-07	2.9538E-03
610630.43	4206015.03	178246.5583	0.00313	0.10707	9.25727E-07	3.132DE-03
610637.43	4206015.03	184899.5694	0.00325	0.10355	8.95293E-07	3.248BE-03
610644.43	4206015.03	189553.094	0.00333	0.10010	8.65464E-07	3.330SE-03
610651.43	4206015.03	192147.0103	0.00338	0.09672	8.36241E-07	3.376OE-03
610658.43	4206015.03	190773.4007	0.00335	0.09341	8.07622E-07	3.351IE-03
610687.33	4206013.76	177262.0524	0.00311	0.08023	6.93668E-07	3.1144E-03
610700.43	4206015.03	173273.7259	0.00304	0.07545	6.52340E-07	3.0443E-03
610777.43	4206015.03	47712.35827	0.00084	0.05221	4.51407E-07	8.3855E-04
610784.43	4206015.03	42202.61225	0.00074	0.05068	4.38179E-07	7.417EE-04
610791.43	4206015.03	37756.85679	0.00066	0.04924	4.25729E-07	6.6365E-04
610798.43	4206015.03	34090.67918	0.00060	0.04787	4.13884E-07	5.9924E-04
610805.43	4206015.03	30958.85567	0.00054	0.04658	4.02730E-07	5.4422E-04
610812.43	4206015.03	28257.87093	0.00050	0.04535	3.92096E-07	4.967EE-04
610819.43	4206015.03	25915.15149	0.00046	0.04419	3.82067E-07	4.556DE-04
610826.43	4206015.03	23883.03317	0.00042	0.04308	3.72469E-07	4.199OE-04
610833.43	4206015.03	22098.28904	0.00039	0.04203	3.63391E-07	3.8854E-04
610840.43	4206015.03	20524.64096	0.00036	0.04103	3.54745E-07	3.608BE-04
610847.43	4206015.03	19131.17941	0.00034	0.04008	3.46531E-07	3.364OE-04
610854.43	4206015.03	17889.16905	0.00031	0.03917	3.38664E-07	3.1458E-04
610861.43	4206015.03	16776.72023	0.00029	0.03830	3.31142E-07	2.9503E-04
610868.43	4206015.03	15775.8933	0.00028	0.03747	3.23965E-07	2.7744E-04
610875.43	4206015.03	14871.71611	0.00026	0.03668	3.17135E-07	2.615SE-04
610882.43	4206015.03	14051.68068	0.00025	0.03591	3.10478E-07	2.471 4E-04
610889.43	4206015.03	13305.13672	0.00023	0.03518	3.04166E-07	2.3402E-04
610896.43	4206015.03	12623.01511	0.00022	0.03448	2.98114E-07	2.2203E-04
610903.43	4206015.03	11997.7929	0.00021	0.03380	2.92235E-07	2.1104E-04
610910.43	4206015.03	11422.76808	0.00020	0.03314	2.86528E-07	2.0094E-04
610917.43	4206015.03	10892.48728	0.00019	0.03251	2.81031E-07	1.9162E-04
610924.43	4206015.03	10402.05002	0.00018	0.03190	2.75807E-07	1.830 9E-04
610931.43	4206015.03	9947.20533	0.00017	0.03131	2.70706E-07	1.7500E-04
610938.43	4206015.03	9524.33792	0.00017	0.03074	2.65778E-07	1.675 7E-04
610945.43	4206015.03	9130.2603	0.00016	0.03018	2.60936E-07	1.6064E-04
610952.43	4206015.03	8762.24582	0.00015	0.02965	2.56354E-07	1.5417E-04
610959.43	4206015.03	8417.80114	0.00015	0.02913	2.51858E-07	1.4812E-04
610987.43	4206015.03	7236.82142	0.00013	0.02720	2.35171E-07	1.2736E-04
610994.43	4206015.03	6982.79765	0.00012	0.02675	2.31280E-07	1.2289E-04
611001.43	4206015.03	6742.69574	0.00012	0.02631	2.27476E-07	1.1867E-04
611008.43	4206015.03	6515.4417	0.00011	0.02589	2.23845E-07	1.1467E-04
611015.43	4206015.03	6300.03229	0.00011	0.02548	2.20300E-07	1.1088E-04
611022.43	4206015.03	6095.71972	0.00011	0.02507	2.16755E-07	1.0728E-04
611029.43	4206015.03	5901.61296	0.00010	0.02468	2.13383E-07	1.038 8E-04
611036.43	4206015.03	5717.00015	0.00010	0.02431	2.10184E-07	1.0063E-04
611043.43	4206015.03	5541.27027	0.00010	0.02394	2.06895E-07	9.7543E-05
611050.43	4206015.03	5373.85692	0.00009	0.02358	2.03873E-07	9.4600E-05
611057.43	4206015.03	5214.23734	0.00009	0.02323	2.00846E-07	9.1793E-05
611064.43	4206015.03	5061.88232	0.00009	0.02289	1.97907E-07	8.9114E-05
611071.43	4206015.03	4916.32136	0.00009	0.02256	1.95054E-07	8.655 4E-05
611078.43	4206015.03	4777.19198	0.00008	0.02223	1.92200E-07	8.4107E-05
611085.43	4206015.03	4644.10705	0.00008	0.02192	1.89520E-07	8.1767E-05
610294.43	4206022.03	8164.8355	0.00014	0.25824	2.23274E-06	1.4565E-04
610301.43	4206022.03	8497.8248	0.00015	0.25668	2.21925E-06	1.5149E-04
610308.43	4206022.03	8849.78898	0.00016	0.25505	2.20516E-06	1.5766E-04
610315.43	4206022.03	9221.90946	0.00016	0.25336	2.19055E-06	1.641 8E-04
610322.43	4206022.03	9615.05555	0.00017	0.25160	2.17533E-06	1.7107E-04
610329.43	4206022.03	10031.8976	0.00018	0.24979	2.15968E-06	1.7838E-04
610336.43	4206022.03	10473.56452	0.00018	0.24792	2.14352E-06	1.8612E-04
610343.43	4206022.03	10943.17193	0.00019	0.24600	2.12691E-06	1.9435E-04
610350.43	4206022.03	11445.81339	0.00020	0.24409	2.11040E-06	2.031 6E-04
610357.43	4206022.03	11979.78521	0.00021	0.24212	2.09337E-06	2.1253E-04
610364.43	4206022.03	12547.45999	0.00022	0.24009	2.07582E-06	2.2248E-04
610371.43	4206022.03	13150.58967	0.00023	0.23797	2.05748E-06	2.3306E-04
610378.43	4206022.03	13793.71043	0.00024	0.23580	2.03873E-06	2.4434E-04
610385.43	4206022.03	14478.96305	0.00025	0.23355	2.01927E-06	2.5635E-04
610392.43	4206022.03	15209.77571	0.00027	0.23121	1.99904E-06	2.691 7E-04
610399.43	4206022.03	15990.03263	0.00028	0.22878	1.97803E-06	2.8285E-04
610406.43	4206022.03	16823.60829	0.00030	0.22627	1.95633E-06	2.974BE-04
610413.43	4206022.03	17714.89868	0.00031	0.22366	1.93376E-06	3.1311E-04
610420.43	4206022.03	18661.2206	0.00033	0.22090	1.90990E-06	3.2971E-04
610427.43	4206022.03	19674.88379	0.00035	0.21805	1.88526E-06	3.4749E-04
610434.43	4206022.03	20761.64235	0.00036	0.21511	1.85984E-06	3.665 5E-04
610441.43	4206022.03	21926.76761	0.00039	0.21208	1.83364E-06	3.8659E-04
610448.43	4206022.03	23180.49025	0.00041	0.20897	1.80675E-06	4.0899E-04
610455.43	4206022.03	24527.93882	0.00043	0.20577	1.77909E-06	4.3263E-04
610462.43	4206022.03	25981.91262	0.00046	0.20250	1.75081E-06	4.5814E-04
610469.43	4206022.03	27549.3532	0.00048	0.19914	1.72176E-06	4.856 5E-04
610476.43	4206022.03	29246.1009	0.00051	0.19571	1.69211E-06	5.1542E-04
610483.43	4206022.03	31081.72454	0.00055	0.19219	1.66167E-06	5.4763E-04
610504.43	4206022.03	37654.01228	0.00066	0.18135	1.56795E-06	6.6299E-04
610511.43	4206022.03	40264.86673	0.00071	0.17761	1.53562E-06	7.088 2E-04
610518.43	4206022.03	43131.32207	0.00076	0.17381	1.50276E-06	7.5914E-04
610525.43	4206022.03	46290.33999	0.00081	0.16997	1.46956E-06	8.1459E-04
610532.43	4206022.03	49786.16	0.00087	0.16608	1.43593E-06	8.7597E-04
610539.43	4206022.03	53672.95318	0.00094	0.16215	1.40195E-06	9.4421E-04
610546.43	4206022.03	58018.34618	0.00102	0.15818	1.36762E-06	1.0205E-03
610553.43	4206022.03	62907.13395	0.00111	0.15420	1.33321E-06	1.1063E-03
610560.43	4206022.03	68448.11768	0.00120	0.15020	1.29863E-06	1.2036E-03
610567.43	4206022.03	74796.55393	0.00131	0.14620	1.26404E-06	1.315 1E-03
610574.43	4206022.03	82121.29669	0.00144	0.14219	1.22937E-06	1.443 8E-03
610581.43	4206022.03	90691.87793	0.00159	0.13820	1.19488E-06	1.5943E-03
610588.43	4206022.03	100847.7971	0.00177	0.13421	1.16038E-06	1.772 6E-03
610595.43	4206022.03	113043.7461	0.00199	0.13025	1.12614E-06	1.9868E-03
610602.43	4206022.03	127891.5998	0.00225	0.12631	1.09208E-06	2.2476E-03
610609.43	4206022.03	145568.4029	0.00256	0.12241	1.05836E-06	2.5581E-03
610777.43	4206022.03	58042.78395	0.00102	0.05355	4.62993E-07	1.0200E-03
610784.43	4206022.03	52003.35335	0.00091	0.05197	4.49332E-07	9.1393E-04
610791.43	4206022.03	46612.28785	0.00082	0.05047	4.36363E-07	8.1922E-04
610798.43	4206022.03	41785.8822	0.00073	0.04906	4.24173E-07	7.3442E-04
610805.43	4206022.03	37589.28266	0.00066	0.04772	4.12587E-07	6.6070E-04
610812.43	4206022.03	33987.90743	0.00060	0.04646	4.01693E-07	5.9742E-04
610819.43	4206022.03	30908.62965	0.00054	0.04526	3.91318E-07	5.433 2E-04
610826.43	4206022.03	28258.72512	0.00050	0.04412	3.81461E-07	4.9677E-04
610833.43	4206022.03	25958.21647	0.00046	0.04304	3.72124E-07	4.5635E-04
610840.43	4206022.03	23953.98079	0.00042	0.04201	3.63218E-07	4.211 3E-04
610847.43	4206022.03	22197.7349	0.00039	0.04103	3.54745E-07	3.9027E-04
610854.43	4206022.03	20646.38899	0.00036	0.04009	3.46618E-07	3.630 2E-04
610861.43	4206022.03	19268.64592	0.00034	0.03920	3.38923E-07	3.388 1E-04
610868.43	4206022.03	18038.39069	0.00032	0.03834	3.31487E-07	3.1719E-04
610875.43	4206022.03	16934.61167	0.00030	0.03752	3.24398E-07	2.977 9E-04
610882.43	4206022.03	15940.00452	0.00028	0.03674	3.17654E-07	2.803 2E-04
610889.43	4206022.03	15039.70387	0.00026	0.03598	3.11083E-07	2.6449E-04
610896.43	4206022.03	14221.57563	0.00025	0.03526	3.04858E-07	2.5012E-04
610903.43	4206022.03	13475.26991	0.00024	0.03456	2.98806E-07	2.3700E-04
610910.43	4206022.03	12792.11287	0.00022	0.03388	2.92926E-07	2.2500E-04
610917.43	4206022.03	12164.78184	0.00021	0.03323	2.87306E-07	2.1397E-04
610924.43	4206022.03	11586.88561	0.00020	0.03260	2.81859E-07	2.038 1E-04
610931.43	4206022.03	11052.98277	0.00019	0.03199	2.76585E-07	1.9443E-04
610938.43	4206022.03	10558.44439	0.00019	0.03140	2.71484E-07	1.857 4E-04
610945.43	4206022.03	10099.15692	0.00018	0.03083	2.66556E-07	1.776 7E-04
610952.43	4206022.03	9671.65409	0.00017	0.03028	2.61801E-07	1.7015E-04
610959.43	4206022.03	9272.81007	0.00016	0.02975	2.57218E-07	1.6314E-04
610980.43	4206022.03	8222.91473	0.00014	0.02824	2.44163E-07	1.4469E-04
610987.43	4206022.03	7914.80811	0.00014	0.02776	2.40013E-07	1.3927E-04
610994.43	4206022.03	7624.69489	0.00013	0.02730	2.36036E-07	1.3417E-04
611001.43	4206022.03	7351.13219	0.00013	0.02685	2.32145E-07	1.2936E-04
611008.43	4206022.03	7092.79809	0.00012	0.02642	2.28427E-07	1.2482E-04
611015.43	4206022.03	6848.53278	0.00012	0.02600	2.24796E-07	1.2052E-04
611022.43	4206022.03	6617.3001	0.00012	0.02558	2.21165E-07	1.1646E-04
611029.43	4206022.03	6398.09049	0.00011	0.02518	2.17706E-07	1.1260E-04
611036.43	4206022.03	6190.06188	0.00011	0.02480	2.14421E-07	1.0895E-04
611043.43	4206022.03	5992.42774	0.00011	0.02442	2.11135E-07	1.0547E-04
611050.43	4206022.03	5804.51737	0.00010	0.02405	2.07936E-07	1.021 7E-04
611057.43	4206022.03	5625.66036	0.00010	0.02369	2.04824E-07	9.9024E-05
611064.43	4206022.03	5455.24156	0.00010	0.02334	2.01798E-07	9.6027E-05
611071.43	4206022.03	5292.72487	0.00009	0.02300	1.98858E-07	9.3169E-05
611078.43	4206022.03	5137.6204	0.00009	0.02267	1.96005E-07	9.0442E-05
611085.43	4206022.03	4989.47967	0.00009	0.02235	1.93238E-07	8.7837E-05
610294.43	4206029.03	8082.59203	0.00014	0.26785	2.31583E-06	1.4429E-04
610301.43	4206029.03	8413.45096	0.00015	0.26627	2.30217E-06	1.5009E-04
610308.43	4206029.03	8763.1741	0.00015	0.26463	2.28799E-06	1.562 2E-04
610315.43	4206029.03	9133.19399	0.00016	0.26293	2.27329E-06	1.6270E-04
610322.43	4206029.03	9524.90085	0.00017	0.26117	2.25807E-06	1.695 7E-04
610329.43	4206029.03	9939.93896	0.00017	0.25934	2.24225E-06	1.7684E-04
610336.43	4206029.03	10379.83912	0.00018	0.25745	2.22591E-06	1.8456E-04
610343.43	4206029.03	10848.00952	0.00019	0.25551	2.20914E-06	1.9276E-04
610350.43	4206029.03	11348.65283	0.00020	0.25358	2.19245E-06	2.015 4E-04
610357.43	4206029.03	11880.86587	0.00021	0.25157	2.17507E-06	2.1087E-04
610364.43	4206029.03	12447.10352	0.00022	0.24950	2.15718E-06	2.2086E-04
610371.43	4206029.03	13049.94529	0.00023	0.24736	2.13867E-06	2.313 7E-04
610378.43	4206029.03	13692.28783	0.00024	0.24514	2.11948E-06	2.4263E-04
610385.43	4206029.03	14377.29714	0.00025	0.24283	2.09951E-06	2.5465E-04
610392.43	4206029.03	15108.46701	0.00027	0.24044	2.07884E-06	2.6747E-04
610399.43	4206029.03	15890.65927	0.00028	0.23796	2.05740E-06	2.8119E-04
610406.43	4206029.03	16725.96188	0.00029	0.23538	2.03509E-06	2.958 4E-04
610413.43	4206029.03	17620.07454	0.00031	0.23270	2.01192E-06	3.1152E-04
610420.43	4206029.03	18572.63175	0.00033	0.22988	1.98754E-06	3.2823E-04
610427.43	4206029.03	19592.69196	0.00034	0.22696	1.96230E-06	3.4612E-04

610434.43	4206029.03	20688.99923	0.00036	0.22395	1.93627E-06	3.6535E-04
610441.43	4206029.03	21865.60988	0.00038	0.22084	1.90938E-06	3.8599E-04
610448.43	4206029.03	23131.58373	0.00041	0.21763	1.88163E-06	4.0823E-04
610455.43	4206029.03	24495.62632	0.00043	0.21434	1.85318E-06	4.3214E-04
610462.43	4206029.03	25969.221	0.00046	0.21097	1.82405E-06	4.5799E-04
610469.43	4206029.03	27559.93139	0.00048	0.20750	1.79404E-06	4.8590E-04
610476.43	4206029.03	29281.96005	0.00051	0.20394	1.76326E-06	5.1612E-04
610483.43	4206029.03	31149.82215	0.00055	0.20031	1.73188E-06	5.4890E-04
610504.43	4206029.03	37847.13744	0.00066	0.18902	1.63427E-06	6.6645E-04
610511.43	4206029.03	40513.82579	0.00071	0.18511	1.60046E-06	7.1326E-04
610518.43	4206029.03	43446.74456	0.00076	0.18115	1.56622E-06	7.6474E-04
610525.43	4206029.03	46688.49889	0.00082	0.17713	1.53147E-06	8.2165E-04
610532.43	4206029.03	50278.88882	0.00088	0.17305	1.49619E-06	8.8468E-04
610539.43	4206029.03	54279.67672	0.00095	0.16894	1.46065E-06	9.5492E-04
610546.43	4206029.03	58768.39594	0.00103	0.16479	1.42477E-06	1.0337E-03
610553.43	4206029.03	63826.94119	0.00112	0.16061	1.38863E-06	1.1226E-03
610560.43	4206029.03	69585.20383	0.00122	0.15641	1.35232E-06	1.2237E-03
610567.43	4206029.03	76200.66182	0.00134	0.15220	1.31592E-06	1.3398E-03
610574.43	4206029.03	83885.27816	0.00147	0.14800	1.27961E-06	1.4748E-03
610581.43	4206029.03	92908.8775	0.00163	0.14379	1.24321E-06	1.6333E-03
610588.43	4206029.03	103686.1557	0.00182	0.13960	1.20698E-06	1.8225E-03
610595.43	4206029.03	116737.8732	0.00205	0.13543	1.17093E-06	2.0518E-03
610602.43	4206029.03	132751.2685	0.00233	0.13128	1.13505E-06	2.3330E-03
610609.43	4206029.03	151944.9251	0.00267	0.12717	1.09951E-06	2.6684E-03
610777.43	4206029.03	74831.85764	0.00131	0.05495	4.75097E-07	1.3150E-03
610784.43	4206029.03	67440.13853	0.00118	0.05331	4.60918E-07	1.1851E-03
610791.43	4206029.03	59648.67144	0.00105	0.05177	4.47603E-07	1.0482E-03
610798.43	4206029.03	52492.5113	0.00092	0.05031	4.34080E-07	9.2250E-04
610805.43	4206029.03	46436.81855	0.00082	0.04893	4.23049E-07	8.1612E-04
610833.43	4206029.03	30662.21417	0.00054	0.04409	3.81202E-07	5.3899E-04
610840.43	4206029.03	28079.07362	0.00049	0.04303	3.72037E-07	4.9360E-04
610847.43	4206029.03	25844.90163	0.00045	0.04202	3.63305E-07	4.5435E-04
610854.43	4206029.03	23895.32877	0.00042	0.04105	3.54918E-07	4.2009E-04
610861.43	4206029.03	22181.18616	0.00039	0.04013	3.46964E-07	3.8998E-04
610868.43	4206029.03	20664.07254	0.00036	0.03925	3.39355E-07	3.6332E-04
610875.43	4206029.03	19313.74379	0.00034	0.03841	3.32093E-07	3.3959E-04
610882.43	4206029.03	18105.41394	0.00032	0.03760	3.25089E-07	3.1836E-04
610889.43	4206029.03	17018.7068	0.00030	0.03682	3.18346E-07	2.9926E-04
610896.43	4206029.03	16036.87043	0.00028	0.03607	3.11861E-07	2.8201E-04
610903.43	4206029.03	15146.02668	0.00027	0.03535	3.05636E-07	2.6636E-04
610910.43	4206029.03	14334.64664	0.00025	0.03465	2.99584E-07	2.5210E-04
610917.43	4206029.03	13592.91615	0.00024	0.03398	2.93791E-07	2.3906E-04
610924.43	4206029.03	12912.54133	0.00023	0.03333	2.88171E-07	2.2711E-04
610931.43	4206029.03	12286.4061	0.00022	0.03271	2.82810E-07	2.1610E-04
610938.43	4206029.03	11708.66591	0.00021	0.03210	2.77536E-07	2.0599E-04
610945.43	4206029.03	11174.03478	0.00020	0.03151	2.72435E-07	1.9655E-04
610952.43	4206029.03	10678.04618	0.00019	0.03095	2.67594E-07	1.8784E-04
610987.43	4206029.03	8657.23228	0.00015	0.02835	2.45114E-07	1.5232E-04
610994.43	4206029.03	8326.3126	0.00015	0.02788	2.41050E-07	1.4650E-04
611001.43	4206029.03	8015.05025	0.00014	0.02742	2.37073E-07	1.4103E-04
611008.43	4206029.03	7721.81803	0.00014	0.02697	2.33182E-07	1.3587E-04
611015.43	4206029.03	7445.12983	0.00013	0.02654	2.29465E-07	1.3101E-04
611022.43	4206029.03	7183.85761	0.00013	0.02612	2.25833E-07	1.2642E-04
611029.43	4206029.03	6936.6255	0.00012	0.02571	2.22288E-07	1.2207E-04
611036.43	4206029.03	6702.52943	0.00012	0.02531	2.18830E-07	1.1795E-04
611043.43	4206029.03	6480.54881	0.00011	0.02492	2.15458E-07	1.1405E-04
611050.43	4206029.03	6269.85816	0.00011	0.02454	2.12173E-07	1.1035E-04
611057.43	4206029.03	6069.70518	0.00011	0.02418	2.09060E-07	1.0683E-04
611064.43	4206029.03	5879.29358	0.00010	0.02382	2.05948E-07	1.0348E-04
611071.43	4206029.03	5698.05114	0.00010	0.02347	2.02922E-07	1.0029E-04
611078.43	4206029.03	5525.31644	0.00010	0.02313	1.99982E-07	9.7256E-05
611085.43	4206029.03	5360.62788	0.00009	0.02281	1.97215E-07	9.4361E-05
610294.43	4206036.03	7996.70704	0.00014	0.27799	2.40350E-06	1.4287E-04
610301.43	4206036.03	8325.00538	0.00015	0.27641	2.38984E-06	1.4862E-04
610308.43	4206036.03	8672.21011	0.00015	0.27476	2.37557E-06	1.5471E-04
610315.43	4206036.03	9038.7229	0.00016	0.27305	2.36079E-06	1.6115E-04
610322.43	4206036.03	9429.01133	0.00017	0.27128	2.34549E-06	1.6797E-04
610329.43	4206036.03	9840.92753	0.00017	0.26942	2.32940E-06	1.7519E-04
610336.43	4206036.03	10278.58553	0.00018	0.26751	2.31289E-06	1.8286E-04
610343.43	4206036.03	10744.51267	0.00019	0.26556	2.29603E-06	1.9103E-04
610350.43	4206036.03	11243.24615	0.00020	0.26360	2.27908E-06	1.9977E-04
610357.43	4206036.03	11772.95528	0.00021	0.26156	2.26145E-06	2.0906E-04
610364.43	4206036.03	12336.87001	0.00022	0.25946	2.24329E-06	2.1895E-04
610371.43	4206036.03	12938.49579	0.00023	0.25729	2.22453E-06	2.2950E-04
610378.43	4206036.03	13579.14472	0.00024	0.25502	2.20490E-06	2.4073E-04
610385.43	4206036.03	14262.83391	0.00025	0.25266	2.18450E-06	2.5272E-04
610392.43	4206036.03	14994.12015	0.00026	0.25023	2.16349E-06	2.6555E-04
610399.43	4206036.03	15774.99383	0.00028	0.24767	2.14135E-06	2.7924E-04
610406.43	4206036.03	16611.80629	0.00029	0.24504	2.11861E-06	2.9392E-04
610413.43	4206036.03	17506.96618	0.00031	0.24229	2.09484E-06	3.0962E-04
610420.43	4206036.03	18464.34387	0.00032	0.23941	2.06994E-06	3.2641E-04
610427.43	4206036.03	19490.43095	0.00034	0.23642	2.04409E-06	3.4441E-04
610434.43	4206036.03	20592.86633	0.00036	0.23333	2.01737E-06	3.6375E-04
610441.43	4206036.03	21778.93487	0.00038	0.23014	1.98979E-06	3.8455E-04
610448.43	4206036.03	23056.48034	0.00041	0.22685	1.96134E-06	4.0697E-04
610455.43	4206036.03	24434.55726	0.00043	0.22346	1.93203E-06	4.3114E-04
610462.43	4206036.03	25923.31342	0.00046	0.21997	1.90186E-06	4.572E-04
610469.43	4206036.03	27534.23419	0.00048	0.21639	1.87091E-06	4.8553E-04
610476.43	4206036.03	29280.35574	0.00051	0.21272	1.83918E-06	5.1617E-04
610483.43	4206036.03	31174.45199	0.00055	0.20894	1.80649E-06	5.4941E-04
610504.43	4206036.03	37981.37134	0.00067	0.19719	1.70490E-06	6.6888E-04
610511.43	4206036.03	40696.9063	0.00071	0.19311	1.66963E-06	7.1654E-04
610518.43	4206036.03	43691.39088	0.00077	0.18897	1.63383E-06	7.6911E-04
610525.43	4206036.03	46998.28906	0.00083	0.18476	1.59743E-06	8.2716E-04
610532.43	4206036.03	50675.24244	0.00089	0.18050	1.56060E-06	8.9171E-04
610539.43	4206036.03	54779.61685	0.00096	0.17618	1.52325E-06	9.6377E-04
610546.43	4206036.03	59382.55058	0.00104	0.17183	1.48564E-06	1.0446E-03
610553.43	4206036.03	64592.20261	0.00113	0.16744	1.44769E-06	1.1361E-03
610560.43	4206036.03	70528.67394	0.00124	0.16303	1.40956E-06	1.2403E-03
610567.43	4206036.03	77374.25313	0.00136	0.15861	1.37134E-06	1.3605E-03
610574.43	4206036.03	85350.20328	0.00150	0.15419	1.33313E-06	1.5006E-03
610581.43	4206036.03	94746.19419	0.00166	0.14976	1.29482E-06	1.6656E-03
610588.43	4206036.03	106013.1381	0.00186	0.14535	1.25670E-06	1.8635E-03
610595.43	4206036.03	119710.7396	0.00210	0.14095	1.21865E-06	2.1040E-03
610602.43	4206036.03	136573.3484	0.00240	0.13659	1.18096E-06	2.4002E-03
610609.43	4206036.03	156654.8199	0.00275	0.13225	1.14343E-06	2.7529E-03
610777.43	4206036.03	100058.442	0.00176	0.05642	4.87807E-07	1.7581E-03
610784.43	4206036.03	89232.25828	0.00157	0.05472	4.73109E-07	1.5679E-03
610791.43	4206036.03	76978.32551	0.00135	0.05312	4.59275E-07	1.3526E-03
610798.43	4206036.03	66202.37971	0.00116	0.05161	4.46220E-07	1.1633E-03
610805.43	4206036.03	57481.41009	0.00101	0.05019	4.33942E-07	1.0101E-03
610840.43	4206036.03	32902.69888	0.00058	0.04410	3.81288E-07	5.7834E-04
610847.43	4206036.03	30078.31193	0.00053	0.04306	3.72297E-07	5.2872E-04
610854.43	4206036.03	27641.66505	0.00049	0.04206	3.63651E-07	4.8591E-04
610861.43	4206036.03	25520.10908	0.00045	0.04111	3.55437E-07	4.4863E-04
610868.43	4206036.03	23658.58737	0.00042	0.04020	3.47569E-07	4.1593E-04
610875.43	4206036.03	22014.50999	0.00039	0.03933	3.40047E-07	3.8704E-04
610882.43	4206036.03	20553.17678	0.00036	0.03850	3.32871E-07	3.6136E-04
610889.43	4206036.03	19247.02528	0.00034	0.03769	3.25868E-07	3.3841E-04
610896.43	4206036.03	18073.58207	0.00032	0.03692	3.19210E-07	3.1779E-04
610903.43	4206036.03	17014.44214	0.00030	0.03618	3.12812E-07	2.9918E-04
610910.43	4206036.03	16054.36146	0.00028	0.03546	3.06587E-07	2.8231E-04
610917.43	4206036.03	15180.50902	0.00027	0.03477	3.00621E-07	2.6696E-04
610924.43	4206036.03	14382.21006	0.00025	0.03410	2.94828E-07	2.5293E-04
610931.43	4206036.03	13650.54063	0.00024	0.03345	2.89209E-07	2.4027E-04
610938.43	4206036.03	12977.71857	0.00023	0.03283	2.83848E-07	2.2825E-04
610945.43	4206036.03	12357.30614	0.00022	0.03222	2.78574E-07	2.1734E-04
611008.43	4206036.03	8403.76282	0.00015	0.02755	2.38197E-07	1.4788E-04
611015.43	4206036.03	8091.16655	0.00014	0.02711	2.34393E-07	1.4236E-04
611022.43	4206036.03	7796.4926	0.00014	0.02667	2.30589E-07	1.3718E-04
611029.43	4206036.03	7518.34622	0.00013	0.02625	2.26957E-07	1.3229E-04
611036.43	4206036.03	7255.42553	0.00013	0.02584	2.23413E-07	1.2767E-04
611043.43	4206036.03	7006.58159	0.00012	0.02545	2.20041E-07	1.2330E-04
611050.43	4206036.03	6770.82722	0.00012	0.02506	2.16669E-07	1.1915E-04
611057.43	4206036.03	6547.21836	0.00012	0.02468	2.13383E-07	1.1522E-04
611064.43	4206036.03	6334.88741	0.00011	0.02432	2.10271E-07	1.1149E-04
611071.43	4206036.03	6133.05944	0.00011	0.02396	2.07158E-07	1.0794E-04
611078.43	4206036.03	5941.08012	0.00010	0.02362	2.04218E-07	1.0456E-04
610294.43	4206043.03	7907.00123	0.00014	0.28870	2.49610E-06	1.4139E-04
610301.43	4206043.03	8231.80088	0.00014	0.28710	2.48227E-06	1.4708E-04
610308.43	4206043.03	8576.09297	0.00015	0.28545	2.46800E-06	1.5311E-04
610315.43	4206043.03	8940.60493	0.00016	0.28373	2.45313E-06	1.5950E-04
610322.43	4206043.03	9326.9135	0.00016	0.28194	2.43765E-06	1.6627E-04
610329.43	4206043.03	9736.57153	0.00017	0.28009	2.42166E-06	1.7345E-04
610336.43	4206043.03	10171.3274	0.00018	0.27816	2.40497E-06	1.8107E-04
610343.43	4206043.03	10634.55433	0.00019	0.27619	2.38794E-06	1.8919E-04
610350.43	4206043.03	11129.19218	0.00020	0.27420	2.37073E-06	1.9786E-04
610357.43	4206043.03	11656.41232	0.00020	0.27215	2.35301E-06	2.0711E-04
610364.43	4206043.03	12217.13153	0.00021	0.27001	2.33451E-06	2.1694E-04
610371.43	4206043.03	12815.81225	0.00023	0.26780	2.31540E-06	2.2743E-04
610378.43	4206043.03	13454.65586	0.00024	0.26550	2.29551E-06	2.3864E-04
610385.43	4206043.03	14135.80148	0.00025	0.26308	2.27459E-06	2.5058E-04
610392.43	4206043.03	14865.10153	0.00026	0.26059	2.25306E-06	2.6337E-04
610399.43	4206043.03	15645.42992	0.00027	0.25799	2.23058E-06	2.7705E-04
610406.43	4206043.03	16481.27474	0.00029	0.25529	2.20724E-06	2.9171E-04
610413.43	4206043.03	17376.0975	0.00031	0.25246	2.18277E-06	3.0741E-04
610420.43	4206043.03	18335.08415	0.00032	0.24952	2.15735E-06	3.2423E-04
610427.43	4206043.03	19365.35528	0.00034	0.24646	2.13089E-06	3.4230E-04
610434.43	4206043.03	20473.452	0.00036	0.24330	2.10357E-06	3.6173E-04
610441.43	4206043.03	21666.89161	0.00038	0.24003	2.07530E-06	3.8267E-04
610448.43	4206043.03	22951.99793	0.00040	0.23664	2.04599E-06	4.0521E-04
610455.43	4206043.03	24341.53934	0.00043	0.23316	2.01590E-06	4.2959E-04
610462.43	4206043.03	25844.26268	0.00045	0.22956	1.98477E-06	4.5598E-04
610469.43	4206043.03	27470.15173	0.00048	0.22586	1.95278E-06	4.8448E-04
610476.43	4206043.03	29236.79127	0.00051	0.22205	1.91984E-06	5.1549E-04
610483.43	4206043.03	31157.86262	0.00055	0.21815	1.88612E-06	5.4920E-04
610497.43	4206043.03	35544.43342	0.00062	0.21008	1.81635E-06	6.2618E-04
610504.43	4206043.03	38056.62895	0.00067	0.20591	1.78030E-06	6.7027E-04
610511.43	4206043.03	40817.49933	0.00072	0.20166	1.74355E-06	7.1873E-04
610518.43	4206043.03	43858.15792	0.00077	0.19732	1.70603E-06	7.7211E-04
610525.43	4206043.03	47228.39251	0.00083	0.19292	1.66799E-06	8.3127E-04
610532.43	4206043.03	50976.15598	0.00090	0.18845	1.62934E-06	8.9706E-04
610539.43	4206043.03	55165.05326	0.00097	0.18393	1.59026E-06	9.7066E-04
610546.43	4206043.03	59874.76977	0.00105	0.17936	1.55075E-06	1.0533E-03
610553.43	4206043.03	65206.4371	0.00115	0.17475	1.51089E-06	1.1469E-03
610560.43	4206043.03	71291.13275	0.00125	0.17012	1.47086E-06	1.2538E-03
610567.43	4206043.03	78327.53153	0.00138	0.16547	1.43065E-06	1.3773E-03
610574.43	4206043.03	86539.99552	0.00152	0.16081	1.39036E-06	1.5215E-03
610581.43	4206043.03	96232.52241	0.00169	0.15615	1.35007E-06	1.6917E-03
610588.43	4206043.03	107876.1587	0.00189	0.15150	1.30987E-06	1.8962E-03
610595.43	4206043.03	122051.0159	0.00214	0.14686	1.26975E-06	2.1452E-03
610602.43	4206043.03	139526.7461	0.00245	0.14225	1.22989E-06	2.4521E-03
610609.43	4206043.03	160378.4083	0.00282	0.13768	1.19038E-06	2.8184E-03
610777.43	4206043.03	129944.4748	0.00228	0.05796	5.01122E-07	2.2831E-03
610784.43	4206043.03	114370.0001	0.00201	0.05620	4.85905E-07	2.0095E-03
610791.43	4206043.03	96899.83197	0.00170	0.05455	4.71639E-07	1.7026E-03
610798.43	4206043.03	82003.41088	0.00144	0.05298	4.58065E-07	1.4409E-03
610805.43	4206043.03	70208.96539	0.00123	0.05151	4.45355E-07	1.2337E-03
610840.43	4206043.03	38371.77179	0.00067	0.04522	3.90972E-07	6.7442E-04
610847.43	4206043.03	34861.62377	0.00061	0.04414	3.81634E-07	6.1275E-04
610854.43	4206043.03	31860.56543	0.00056	0.04312	3.72815E-07	5.6003E-04
610861.43	4206043.03	29268.19243	0.00051	0.04214	3.64342E-07	5.1448E-04
610868.43	4206043.03	27010.06835	0.00047	0.04120	3.56215E-07	4.7481E-04
610875.43	4206043.03	25028.34207	0.00044	0.04030	3.48434E-07	4.3999E-04
610882.43	4206043.03	23277.3097	0.00041	0.03944	3.40998E-07	4.0922E-04
610889.43	4206043.03	21720.67568	0.00038	0.03861	3.33822E-07	3.8187E-04

610896.43	4206043.03	20328.99912	0.00036	0.03781	3.26905E-07	3.5742E-04
610903.43	4206043.03	19078.73631	0.00034	0.03704	3.20248E-07	3.3545E-04
610910.43	4206043.03	17950.25502	0.00032	0.03630	3.13850E-07	3.1562E-04
610917.43	4206043.03	16927.23196	0.00030	0.03559	3.07711E-07	2.9765E-04
610924.43	4206043.03	15996.13448	0.00028	0.03490	3.01745E-07	2.8129E-04
610931.43	4206043.03	15145.70393	0.00027	0.03423	2.95952E-07	2.6634E-04
610938.43	4206043.03	14366.33533	0.00025	0.03359	2.90419E-07	2.5265E-04
610966.43	4206043.03	11812.80102	0.00021	0.03121	2.69842E-07	2.0777E-04
610973.43	4206043.03	11287.06212	0.00020	0.03066	2.65086E-07	1.9853E-04
610294.43	4206050.03	7813.06624	0.00014	0.30002	2.59397E-06	1.3984E-04
610301.43	4206050.03	8135.18581	0.00014	0.29842	2.58014E-06	1.4548E-04
610308.43	4206050.03	8476.03497	0.00015	0.29677	2.56587E-06	1.5145E-04
610315.43	4206050.03	8837.2143	0.00016	0.29504	2.55091E-06	1.5778E-04
610322.43	4206050.03	9220.07604	0.00016	0.29325	2.53544E-06	1.6449E-04
610329.43	4206050.03	9626.91848	0.00017	0.29138	2.51927E-06	1.7161E-04
610336.43	4206050.03	10057.68838	0.00018	0.28945	2.50258E-06	1.7917E-04
610343.43	4206050.03	10516.82394	0.00018	0.28745	2.48529E-06	1.8722E-04
610350.43	4206050.03	11008.14541	0.00019	0.28546	2.46809E-06	1.9583E-04
610357.43	4206050.03	11531.30933	0.00020	0.28338	2.45010E-06	2.0501E-04
610364.43	4206050.03	12088.94079	0.00021	0.28121	2.43134E-06	2.1478E-04
610371.43	4206050.03	12683.74063	0.00022	0.27896	2.41188E-06	2.2521E-04
610378.43	4206050.03	13318.80238	0.00023	0.27661	2.39157E-06	2.3635E-04
610385.43	4206050.03	13996.63097	0.00025	0.27414	2.37021E-06	2.4823E-04
610392.43	4206050.03	14722.63472	0.00026	0.27159	2.34817E-06	2.6096E-04
610399.43	4206050.03	15500.06307	0.00027	0.26893	2.32517E-06	2.7460E-04
610406.43	4206050.03	16333.29649	0.00029	0.26616	2.30122E-06	2.8921E-04
610413.43	4206050.03	17227.39973	0.00030	0.26327	2.27623E-06	3.0489E-04
610420.43	4206050.03	18187.77944	0.00032	0.26027	2.25029E-06	3.2173E-04
610427.43	4206050.03	19220.52561	0.00034	0.25715	2.22332E-06	3.3985E-04
610434.43	4206050.03	20330.88989	0.00036	0.25391	2.19530E-06	3.5932E-04
610441.43	4206050.03	21527.87126	0.00038	0.25055	2.16625E-06	3.8032E-04
610448.43	4206050.03	22821.55704	0.00040	0.24708	2.13625E-06	4.0301E-04
610455.43	4206050.03	24218.36273	0.00043	0.24348	2.10513E-06	4.2752E-04
610462.43	4206050.03	25732.3733	0.00045	0.23978	2.07314E-06	4.5408E-04
610469.43	4206050.03	27372.12241	0.00048	0.23595	2.04002E-06	4.8285E-04
610476.43	4206050.03	29155.98407	0.00051	0.23202	2.00604E-06	5.1415E-04
610483.43	4206050.03	31095.45724	0.00055	0.22797	1.97103E-06	5.4819E-04
610497.43	4206050.03	35531.57084	0.00062	0.21958	1.89849E-06	6.2604E-04
610504.43	4206050.03	38073.16229	0.00067	0.21523	1.86088E-06	6.7064E-04
610511.43	4206050.03	40869.24688	0.00072	0.21078	1.82240E-06	7.1972E-04
610518.43	4206050.03	43955.63047	0.00077	0.20625	1.78324E-06	7.7390E-04
610525.43	4206050.03	47375.97723	0.00083	0.20165	1.74344E-06	8.3394E-04
610532.43	4206050.03	51183.08273	0.00090	0.19697	1.70300E-06	9.0077E-04
610539.43	4206050.03	55442.70543	0.00097	0.19222	1.66193E-06	9.7555E-04
610546.43	4206050.03	60236.53157	0.00106	0.18742	1.62043E-06	1.0597E-03
610553.43	4206050.03	65675.68629	0.00115	0.18258	1.57859E-06	1.1552E-03
610560.43	4206050.03	71881.3515	0.00126	0.17770	1.53639E-06	1.2642E-03
610567.43	4206050.03	79073.46987	0.00139	0.17281	1.49411E-06	1.3905E-03
610574.43	4206050.03	87475.93821	0.00154	0.16790	1.45166E-06	1.5380E-03
610581.43	4206050.03	97400.3248	0.00171	0.16299	1.40921E-06	1.7123E-03
610588.43	4206050.03	109330.311	0.00192	0.15808	1.36676E-06	1.9218E-03
610595.43	4206050.03	123879.5494	0.00218	0.15318	1.32439E-06	2.1774E-03
610602.43	4206050.03	141773.6122	0.00249	0.14831	1.28229E-06	2.4916E-03
610609.43	4206050.03	163151.0283	0.00287	0.14348	1.24053E-06	2.8671E-03
610777.43	4206050.03	158472.5895	0.00278	0.05958	5.15128E-07	2.7842E-03
610784.43	4206050.03	138926.2574	0.00244	0.05776	4.99393E-07	2.4408E-03
610791.43	4206050.03	117140.2135	0.00206	0.05604	4.84522E-07	2.0581E-03
610798.43	4206050.03	98541.6078	0.00173	0.05442	4.70515E-07	1.7314E-03
610805.43	4206050.03	83797.48981	0.00147	0.05289	4.57287E-07	1.4724E-03
610812.43	4206050.03	72197.18118	0.00127	0.05145	4.44836E-07	1.2686E-03
610833.43	4206050.03	49445.39502	0.00087	0.04756	4.11204E-07	8.6896E-04
610840.43	4206050.03	44380.98354	0.00078	0.04639	4.01088E-07	7.7999E-04
610847.43	4206050.03	40120.74165	0.00070	0.04528	3.91491E-07	7.0514E-04
610854.43	4206050.03	36497.97977	0.00064	0.04422	3.82326E-07	6.4150E-04
610861.43	4206050.03	33385.86702	0.00059	0.04321	3.73593E-07	5.8682E-04
610868.43	4206050.03	30689.04026	0.00054	0.04224	3.65207E-07	5.3944E-04
610875.43	4206050.03	28333.48356	0.00050	0.04131	3.57166E-07	4.9806E-04
610882.43	4206050.03	26261.38303	0.00046	0.04042	3.49471E-07	4.6165E-04
610889.43	4206050.03	24427.01192	0.00043	0.03956	3.42036E-07	4.2942E-04
610896.43	4206050.03	22793.77962	0.00040	0.03874	3.34946E-07	4.0072E-04
610903.43	4206050.03	21331.8139	0.00037	0.03795	3.28116E-07	3.7504E-04
610910.43	4206050.03	20016.76374	0.00035	0.03718	3.21458E-07	3.5193E-04
610917.43	4206050.03	18828.64672	0.00033	0.03645	3.15147E-07	3.3105E-04
610924.43	4206050.03	17750.88963	0.00031	0.03574	3.09038E-07	3.1212E-04
610931.43	4206050.03	16769.34219	0.00029	0.03505	3.03042E-07	2.9487E-04
610938.43	4206050.03	15872.42523	0.00028	0.03438	2.97249E-07	2.7911E-04
610959.43	4206050.03	13596.80502	0.00024	0.03252	2.81168E-07	2.3912E-04
610966.43	4206050.03	12952.22586	0.00023	0.03193	2.76067E-07	2.2779E-04
610973.43	4206050.03	12354.8528	0.00022	0.03137	2.71225E-07	2.1729E-04
610980.43	4206050.03	11799.9253	0.00021	0.03082	2.66470E-07	2.0754E-04
610987.43	4206050.03	11283.33881	0.00020	0.03029	2.61887E-07	1.9846E-04
610994.43	4206050.03	10801.4524	0.00019	0.02977	2.57391E-07	1.8999E-04
611071.43	4206050.03	7094.37278	0.00012	0.02501	2.16236E-07	1.2483E-04
611078.43	4206050.03	6858.68412	0.00012	0.02465	2.13124E-07	1.2069E-04
611085.43	4206050.03	6634.90394	0.00012	0.02429	2.10011E-07	1.1676E-04
611092.43	4206050.03	6422.15317	0.00011	0.02395	2.07072E-07	1.1302E-04
610294.43	4206057.03	7716.201	0.00014	0.31206	2.69807E-06	1.3824E-04
610301.43	4206057.03	8034.58471	0.00014	0.31046	2.68424E-06	1.4382E-04
610308.43	4206057.03	8371.27493	0.00015	0.30878	2.66971E-06	1.4972E-04
610315.43	4206057.03	8728.5736	0.00015	0.30705	2.65475E-06	1.5598E-04
610322.43	4206057.03	9107.58779	0.00016	0.30525	2.63919E-06	1.6262E-04
610329.43	4206057.03	9509.79531	0.00017	0.30337	2.62294E-06	1.6967E-04
610336.43	4206057.03	9937.18894	0.00017	0.30142	2.60608E-06	1.7716E-04
610343.43	4206057.03	10392.28355	0.00018	0.29941	2.58870E-06	1.8514E-04
610350.43	4206057.03	10879.59688	0.00019	0.29741	2.57141E-06	1.9368E-04
610357.43	4206057.03	11398.0531	0.00020	0.29529	2.55308E-06	2.0277E-04
610364.43	4206057.03	11950.86215	0.00021	0.29309	2.53405E-06	2.1246E-04
610371.43	4206057.03	12540.93309	0.00022	0.29079	2.51417E-06	2.2280E-04
610378.43	4206057.03	13171.31201	0.00023	0.28839	2.49342E-06	2.3386E-04
610385.43	4206057.03	13846.42076	0.00024	0.28591	2.47198E-06	2.4569E-04
610392.43	4206057.03	14568.04967	0.00026	0.28329	2.44932E-06	2.5835E-04
610399.43	4206057.03	15341.3232	0.00027	0.28057	2.42581E-06	2.7191E-04
610406.43	4206057.03	16170.73995	0.00028	0.27773	2.40125E-06	2.8645E-04
610413.43	4206057.03	17062.54472	0.00030	0.27478	2.37579E-06	3.0209E-04
610420.43	4206057.03	18021.39549	0.00032	0.27172	2.34929E-06	3.1891E-04
610427.43	4206057.03	19053.37848	0.00033	0.26853	2.32171E-06	3.3701E-04
610434.43	4206057.03	20165.45436	0.00035	0.26521	2.29300E-06	3.5651E-04
610441.43	4206057.03	21365.43956	0.00038	0.26177	2.26326E-06	3.7756E-04
610448.43	4206057.03	22663.74625	0.00040	0.25821	2.23248E-06	4.0034E-04
610455.43	4206057.03	24066.80565	0.00042	0.25451	2.20048E-06	4.2495E-04
610462.43	4206057.03	25587.31338	0.00045	0.25068	2.16738E-06	4.5163E-04
610469.43	4206057.03	27238.03197	0.00048	0.24673	2.13323E-06	4.8059E-04
610476.43	4206057.03	29033.28614	0.00051	0.24266	2.09804E-06	5.1209E-04
610483.43	4206057.03	30989.76802	0.00054	0.23847	2.06181E-06	5.4642E-04
610497.43	4206057.03	35463.27513	0.00062	0.22973	1.98624E-06	6.2492E-04
610504.43	4206057.03	38028.18905	0.00067	0.22519	1.94699E-06	6.6994E-04
610511.43	4206057.03	40856.10428	0.00072	0.22055	1.90687E-06	7.1957E-04
610518.43	4206057.03	43976.58916	0.00077	0.21582	1.86598E-06	7.7435E-04
610525.43	4206057.03	47442.2454	0.00083	0.21100	1.82430E-06	8.3518E-04
610532.43	4206057.03	51298.42823	0.00090	0.20609	1.78185E-06	9.0288E-04
610539.43	4206057.03	55621.61267	0.00098	0.20112	1.73888E-06	9.7877E-04
610546.43	4206057.03	60484.86813	0.00106	0.19607	1.69522E-06	1.0642E-03
610553.43	4206057.03	65999.08044	0.00116	0.19098	1.65121E-06	1.1610E-03
610560.43	4206057.03	72308.94131	0.00127	0.18584	1.60677E-06	1.2718E-03
610567.43	4206057.03	79627.24697	0.00140	0.18069	1.56224E-06	1.4003E-03
610574.43	4206057.03	88181.36183	0.00155	0.17551	1.51746E-06	1.5505E-03
610581.43	4206057.03	98300.69741	0.00173	0.17033	1.47267E-06	1.7282E-03
610588.43	4206057.03	110435.1131	0.00194	0.16514	1.42788E-06	1.9413E-03
610595.43	4206057.03	125244.747	0.00220	0.15996	1.38301E-06	2.2014E-03
610602.43	4206057.03	143454.0769	0.00252	0.15481	1.33849E-06	2.5212E-03
610609.43	4206057.03	165211.5775	0.00290	0.14970	1.29431E-06	2.9034E-03
610777.43	4206057.03	183117.31	0.00322	0.06128	5.29827E-07	3.2171E-03
610784.43	4206057.03	160890.6253	0.00283	0.05939	5.13486E-07	2.8267E-03
610791.43	4206057.03	136107.6898	0.00239	0.05761	4.98096E-07	2.3913E-03
610798.43	4206057.03	114660.6443	0.00201	0.05593	4.83571E-07	2.0146E-03
610805.43	4206057.03	97434.10232	0.00171	0.05435	4.69910E-07	1.7120E-03
610812.43	4206057.03	83763.25255	0.00147	0.05286	4.57027E-07	1.4718E-03
610819.43	4206057.03	72847.93934	0.00128	0.05144	4.44750E-07	1.2801E-03
610833.43	4206057.03	56787.85522	0.00100	0.04884	4.22270E-07	9.9794E-04
610840.43	4206057.03	50786.27615	0.00089	0.04763	4.11808E-07	8.9251E-04
610847.43	4206057.03	45748.32032	0.00080	0.04648	4.01866E-07	8.0400E-04
610854.43	4206057.03	41474.60964	0.00073	0.04538	3.92355E-07	7.2892E-04
610861.43	4206057.03	37813.41327	0.00066	0.04434	3.83363E-07	6.6460E-04
610868.43	4206057.03	34649.92184	0.00061	0.04333	3.74631E-07	6.0903E-04
610875.43	4206057.03	31894.74128	0.00056	0.04237	3.66331E-07	5.6062E-04
610882.43	4206057.03	29478.3059	0.00052	0.04145	3.58378E-07	5.1817E-04
610889.43	4206057.03	27345.10771	0.00048	0.04057	3.50768E-07	4.8069E-04
610896.43	4206057.03	25451.10631	0.00045	0.03972	3.43419E-07	4.4741E-04
610903.43	4206057.03	23760.37581	0.00042	0.03890	3.36329E-07	4.1779E-04
610910.43	4206057.03	22243.62416	0.00039	0.03811	3.29499E-07	3.9106E-04
610917.43	4206057.03	20876.77212	0.00037	0.03735	3.22928E-07	3.6704E-04
610924.43	4206057.03	19638.8472	0.00034	0.03661	3.16530E-07	3.4538E-04
610931.43	4206057.03	18516.25161	0.00033	0.03590	3.10391E-07	3.2556E-04
610938.43	4206057.03	17491.83393	0.00031	0.03522	3.04512E-07	3.0756E-04
610959.43	4206057.03	14903.94836	0.00026	0.03329	2.87825E-07	2.6209E-04
610966.43	4206057.03	14174.0833	0.00025	0.03269	2.82638E-07	2.4926E-04
610973.43	4206057.03	13499.05987	0.00024	0.03211	2.77623E-07	2.3740E-04
610980.43	4206057.03	12873.21489	0.00023	0.03154	2.72695E-07	2.2648E-04
610987.43	4206057.03	12291.70544	0.00022	0.03100	2.68026E-07	2.1618E-04
610994.43	4206057.03	11750.27869	0.00021	0.03047	2.63443E-07	2.0667E-04
611001.43	4206057.03	11245.23949	0.00020	0.02995	2.58948E-07	1.9779E-04
611008.43	4206057.03	10773.21686	0.00019	0.02946	2.54711E-07	1.8949E-04
611015.43	4206057.03	10331.30501	0.00018	0.02897	2.50474E-07	1.8173E-04
611022.43	4206057.03	9917.00745	0.00017	0.02850	2.46411E-07	1.7443E-04
611029.43	4206057.03	9527.93604	0.00017	0.02805	2.42520E-07	1.6761E-04
611036.43	4206057.03	9162.04135	0.00016	0.02760	2.38629E-07	1.6118E-04
611043.43	4206057.03	8817.44742	0.00015	0.02717	2.34912E-07	1.5512E-04
611050.43	4206057.03	8492.50373	0.00015	0.02676	2.31367E-07	1.4941E-04
611057.43	4206057.03	8185.66711	0.00014	0.02635	2.27822E-07	1.4402E-04
611064.43	4206057.03	7895.62637	0.00014	0.02596	2.24450E-07	1.3892E-04
611071.43	4206057.03	7621.12081	0.00013	0.02557	2.21078E-07	1.3409E-04
611078.43	4206057.03	7361.02675	0.00013	0.02520	2.17879E-07	1.2952E-04
611085.43	4206057.03	7114.33283	0.00012	0.02484	2.14767E-07	1.2518E-04
611092.43	4206057.03	6880.15926	0.00012	0.02448	2.11654E-07	1.2107E-04
610294.43	4206064.03	7615.47714	0.00013	0.32481	2.80831E-06	1.3658E-04
610301.43	4206064.03	7929.92453	0.00014	0.32321	2.79447E-06	1.4209E-04
610308.43	4206064.03	8262.97833	0.00015	0.32155	2.78012E-06	1.4793E-04
610315.43	4206064.03	8616.11807	0.00015	0.31982	2.76516E-06	1.5411E-04
610322.43	4206064.03	8990.76209	0.00016	0.31801	2.74951E-06	1.6068E-04
610329.43	4206064.03	9388.66008	0.00016	0.31613	2.73326E-06	1.6765E-04
610336.43	4206064.03	9811.49773	0.00017	0.31417	2.71631E-06	1.7506E-04
610343.43	4206064.03	10261.99294	0.00018	0.31215	2.69885E-06	1.8296E-04
610350.43	4206064.03	10743.20599	0.00019	0.31009	2.68104E-06	1.9139E-04
610357.43	4206064.03	11256.89098	0.00020	0.30796	2.66262E-06	2.0040E-04
610364.43	4206064.03	11804.15867	0.00021	0.30571	2.64317E-06	2.0999E-04
610371.43	4206064.03	12389.46745	0.00022	0.30339	2.62311E-06	2.2025E-04
610378.43	4206064.03	13014.22446	0.00023	0.30094	2.60193E-06	2.3121E-04
610385.43	4206064.03	13683.68731	0.00024	0.29840	2.57996E-06	2.4294E-04
610392.43	4206064.03	14399.71972	0.00025	0.29573	2.55688E-06	2.5550E-04
610399.43	4206064.03	15168.52217	0.00027	0.29296	2.53293E-06	2.6898E-04
610406.43	4206064.03	15992.63731	0.00028	0.29005	2.50777E-06	2.8343E-04
610413.43	4206064.03	16879.47606	0.00030	0.28703	2.48166E-06	2.9898E-04
610420.43	4206064.03	17834.90284	0.00031	0.28390	2.45460E-06	3.1574E-04
610427.43	4206064.03	18865.67751	0.00033	0.28065	2.42650E-06	3.3382E-04
610434.43	4206064.03	19977.50476	0.00035	0.27726	2.39719E-06	3.5332E-04
610441.43	4206064.03	21178.29114	0.00037	0.27373	2.36667E-06	3.7438E-04

610448.43	4206064.03	22477.05385	0.00039	0.27007	2.33502E-06	3.9716E-04
610455.43	4206064.03	23883.80448	0.00042	0.26627	2.30217E-06	4.2184E-04
610462.43	4206064.03	25409.84315	0.00045	0.26233	2.26810E-06	4.4861E-04
610469.43	4206064.03	27068.35338	0.00048	0.25826	2.23291E-06	4.7771E-04
610476.43	4206064.03	28874.14449	0.00051	0.25405	2.19652E-06	5.0939E-04
610483.43	4206064.03	30841.48432	0.00054	0.24969	2.15882E-06	5.4391E-04
610497.43	4206064.03	35346.29229	0.00062	0.24060	2.08023E-06	6.2296E-04
610504.43	4206064.03	37929.07491	0.00067	0.23587	2.03933E-06	6.6829E-04
610511.43	4206064.03	40779.04109	0.00072	0.23103	1.99748E-06	7.1831E-04
610518.43	4206064.03	43930.63862	0.00077	0.22608	1.95469E-06	7.7363E-04
610525.43	4206064.03	47424.26579	0.00083	0.22103	1.91102E-06	8.3495E-04
610532.43	4206064.03	51324.32135	0.00090	0.21589	1.86658E-06	9.0342E-04
610539.43	4206064.03	55694.23586	0.00098	0.21066	1.82137E-06	9.8013E-04
610546.43	4206064.03	60612.33292	0.00106	0.20536	1.77554E-06	1.0665E-03
610553.43	4206064.03	66198.46429	0.00116	0.20000	1.72920E-06	1.1644E-03
610560.43	4206064.03	72585.47362	0.00128	0.19459	1.68242E-06	1.2767E-03
610567.43	4206064.03	80015.1033	0.00141	0.18916	1.63548E-06	1.4072E-03
610574.43	4206064.03	88679.32517	0.00156	0.18369	1.58818E-06	1.5593E-03
610581.43	4206064.03	98940.96403	0.00174	0.17821	1.54080E-06	1.7395E-03
610588.43	4206064.03	111241.2647	0.00195	0.17272	1.49334E-06	1.9555E-03
610595.43	4206064.03	126244.5114	0.00222	0.16725	1.44604E-06	2.2190E-03
610602.43	4206064.03	144686.7943	0.00254	0.16179	1.39884E-06	2.5429E-03
610609.43	4206064.03	166730.1393	0.00293	0.15637	1.35197E-06	2.9301E-03
610777.43	4206064.03	203704.9216	0.00358	0.06308	5.45388E-07	3.5788E-03
610784.43	4206064.03	179810.5884	0.00316	0.06111	5.28357E-07	3.1590E-03
610791.43	4206064.03	153096.3852	0.00269	0.05927	5.12448E-07	2.6898E-03
610798.43	4206064.03	129641.446	0.00228	0.05753	4.97404E-07	2.2777E-03
610805.43	4206064.03	110507.7372	0.00194	0.05589	4.83225E-07	1.9416E-03
610812.43	4206064.03	95127.86323	0.00167	0.05434	4.69823E-07	1.6715E-03
610819.43	4206064.03	82728.14658	0.00145	0.05288	4.57200E-07	1.4536E-03
610833.43	4206064.03	64333.37535	0.00113	0.05017	4.33770E-07	1.1305E-03
610840.43	4206064.03	57426.00482	0.00101	0.04893	4.23049E-07	1.0092E-03
610847.43	4206064.03	51621.43456	0.00091	0.04774	4.12760E-07	9.0718E-04
610854.43	4206064.03	46695.19235	0.00082	0.04660	4.02903E-07	8.2064E-04
610861.43	4206064.03	42476.83581	0.00075	0.04552	3.93566E-07	7.4653E-04
610868.43	4206064.03	38834.8452	0.00068	0.04448	3.84574E-07	6.8255E-04
610875.43	4206064.03	35666.52334	0.00063	0.04349	3.76014E-07	6.2688E-04
610882.43	4206064.03	32891.54956	0.00058	0.04254	3.67801E-07	5.7813E-04
610889.43	4206064.03	30445.90156	0.00053	0.04162	3.59846E-07	5.3516E-04
610896.43	4206064.03	28277.79597	0.00050	0.04074	3.52238E-07	4.9707E-04
610903.43	4206064.03	26345.69204	0.00046	0.03989	3.44889E-07	4.6313E-04
610910.43	4206064.03	24615.43712	0.00043	0.03908	3.37885E-07	4.3273E-04
610917.43	4206064.03	23059.00269	0.00041	0.03829	3.31055E-07	4.0538E-04
610924.43	4206064.03	21653.00403	0.00038	0.03753	3.24484E-07	3.8068E-04
610931.43	4206064.03	20378.03851	0.00036	0.03680	3.18173E-07	3.5827E-04
610952.43	4206064.03	17187.77281	0.00030	0.03474	3.00362E-07	3.0222E-04
610959.43	4206064.03	16296.32674	0.00029	0.03410	2.94828E-07	2.8655E-04
610966.43	4206064.03	15475.29573	0.00027	0.03348	2.89468E-07	2.7212E-04
610973.43	4206064.03	14717.11478	0.00026	0.03288	2.84280E-07	2.5880E-04
610980.43	4206064.03	14015.37156	0.00025	0.03230	2.79266E-07	2.4647E-04
610987.43	4206064.03	13364.39483	0.00023	0.03174	2.74424E-07	2.3503E-04
610994.43	4206064.03	12759.21498	0.00022	0.03119	2.69669E-07	2.2439E-04
611001.43	4206064.03	12195.55783	0.00021	0.03067	2.65173E-07	2.1449E-04
611008.43	4206064.03	11669.49512	0.00020	0.03015	2.60677E-07	2.0524E-04
611015.43	4206064.03	11177.77104	0.00020	0.02966	2.56440E-07	1.9660E-04
611022.43	4206064.03	10717.34966	0.00019	0.02917	2.52204E-07	1.8851E-04
611029.43	4206064.03	10285.56595	0.00018	0.02870	2.48140E-07	1.8092E-04
611036.43	4206064.03	9880.05016	0.00017	0.02825	2.44249E-07	1.7379E-04
611043.43	4206064.03	9498.63289	0.00017	0.02781	2.40445E-07	1.6709E-04
611050.43	4206064.03	9139.43393	0.00016	0.02738	2.36727E-07	1.6078E-04
611057.43	4206064.03	8800.68883	0.00015	0.02696	2.33096E-07	1.5482E-04
611064.43	4206064.03	8480.78669	0.00015	0.02656	2.29638E-07	1.4920E-04
611071.43	4206064.03	8178.41581	0.00014	0.02616	2.26179E-07	1.4389E-04
611078.43	4206064.03	7892.24934	0.00014	0.02578	2.22894E-07	1.3886E-04
611085.43	4206064.03	7621.17624	0.00013	0.02541	2.19695E-07	1.3409E-04
611092.43	4206064.03	7364.10595	0.00013	0.02505	2.16582E-07	1.2957E-04
610294.43	4206071.03	7512.181	0.00013	0.03839	2.92572E-06	1.3488E-04
610301.43	4206071.03	7822.35738	0.00014	0.03679	2.91188E-06	1.4032E-04
610308.43	4206071.03	8150.98225	0.00014	0.03513	2.89753E-06	1.4608E-04
610315.43	4206071.03	8499.49808	0.00015	0.03339	2.88249E-06	1.5218E-04
610322.43	4206071.03	8868.79811	0.00016	0.03156	2.86667E-06	1.5865E-04
610329.43	4206071.03	9261.74636	0.00016	0.02967	2.85033E-06	1.6554E-04
610336.43	4206071.03	9679.50209	0.00017	0.02770	2.83329E-06	1.7286E-04
610343.43	4206071.03	10124.8522	0.00018	0.02567	2.81574E-06	1.8067E-04
610350.43	4206071.03	10600.7494	0.00019	0.02360	2.79784E-06	1.8901E-04
610357.43	4206071.03	11108.264	0.00020	0.02143	2.77908E-06	1.9790E-04
610364.43	4206071.03	11649.10307	0.00020	0.01915	2.75937E-06	2.0738E-04
610371.43	4206071.03	12227.87602	0.00021	0.01678	2.73888E-06	2.1753E-04
610378.43	4206071.03	12846.9483	0.00023	0.01430	2.71744E-06	2.2838E-04
610385.43	4206071.03	13509.71593	0.00024	0.01171	2.69504E-06	2.4000E-04
610392.43	4206071.03	14218.9497	0.00025	0.00898	2.67144E-06	2.5244E-04
610399.43	4206071.03	14981.02504	0.00026	0.00614	2.64688E-06	2.6580E-04
610406.43	4206071.03	15799.61386	0.00028	0.00318	2.62129E-06	2.8015E-04
610413.43	4206071.03	16679.80501	0.00029	0.00009	2.59458E-06	2.9559E-04
610420.43	4206071.03	17631.72191	0.00031	0.29691	2.56708E-06	3.1228E-04
610427.43	4206071.03	18659.40571	0.00033	0.29360	2.53846E-06	3.3030E-04
610434.43	4206071.03	19769.03644	0.00035	0.29014	2.50855E-06	3.4977E-04
610441.43	4206071.03	20966.95209	0.00037	0.28652	2.47725E-06	3.7078E-04
610448.43	4206071.03	22265.56413	0.00039	0.28277	2.44483E-06	3.9356E-04
610455.43	4206071.03	23671.54492	0.00042	0.27885	2.41094E-06	4.1822E-04
610462.43	4206071.03	25200.42802	0.00044	0.27479	2.37583E-06	4.4504E-04
610469.43	4206071.03	26863.79095	0.00047	0.27059	2.33952E-06	4.7422E-04
610476.43	4206071.03	28674.06793	0.00050	0.26623	2.30182E-06	5.0598E-04
610483.43	4206071.03	30653.86288	0.00054	0.26173	2.26292E-06	5.4072E-04
610497.43	4206071.03	35174.7479	0.00062	0.25226	2.18104E-06	6.2005E-04
610504.43	4206071.03	37773.31347	0.00066	0.24733	2.13841E-06	6.6565E-04
610511.43	4206071.03	40639.38612	0.00071	0.24228	2.09475E-06	7.1596E-04
610518.43	4206071.03	43810.92746	0.00077	0.23710	2.04997E-06	7.7162E-04
610525.43	4206071.03	47333.85741	0.00083	0.23181	2.00423E-06	8.3346E-04
610532.43	4206071.03	51263.90849	0.00090	0.22642	1.95763E-06	9.0245E-04
610539.43	4206071.03	55669.85792	0.00098	0.22093	1.91016E-06	9.7979E-04
610546.43	4206071.03	60637.23348	0.00107	0.21536	1.86200E-06	1.0670E-03
610553.43	4206071.03	66274.65372	0.00116	0.20971	1.81315E-06	1.1660E-03
610560.43	4206071.03	72721.2305	0.00128	0.20401	1.76387E-06	1.2792E-03
610567.43	4206071.03	80231.98017	0.00141	0.19827	1.71424E-06	1.4110E-03
610574.43	4206071.03	88991.11339	0.00156	0.19249	1.66427E-06	1.5649E-03
610581.43	4206071.03	99363.41581	0.00175	0.18670	1.61421E-06	1.7470E-03
610588.43	4206071.03	111791.633	0.00196	0.18089	1.56397E-06	1.9653E-03
610595.43	4206071.03	126942.2518	0.00223	0.17508	1.51374E-06	2.2313E-03
610602.43	4206071.03	145581.6861	0.00256	0.16930	1.46377E-06	2.5589E-03
610609.43	4206071.03	167825.9783	0.00295	0.16355	1.41405E-06	2.9494E-03
610777.43	4206071.03	220845.388	0.00388	0.06497	5.61730E-07	3.8799E-03
610784.43	4206071.03	195872.3085	0.00344	0.06293	5.44092E-07	3.4412E-03
610791.43	4206071.03	167960.2189	0.00295	0.06101	5.27492E-07	2.9509E-03
610798.43	4206071.03	143164.2474	0.00251	0.05920	5.11843E-07	2.5153E-03
610805.43	4206071.03	122648.5836	0.00215	0.05750	4.97145E-07	2.1549E-03
610812.43	4206071.03	105941.6559	0.00186	0.05590	4.83311E-07	1.8614E-03
610819.43	4206071.03	92322.24981	0.00162	0.05438	4.70169E-07	1.6222E-03
610840.43	4206071.03	64140.12861	0.00113	0.05029	4.34807E-07	1.1271E-03
610847.43	4206071.03	57611.87998	0.00101	0.04906	4.24173E-07	1.0124E-03
610854.43	4206071.03	52057.9412	0.00091	0.04788	4.13970E-07	9.1485E-04
610861.43	4206071.03	47294.81027	0.00083	0.04676	4.04287E-07	8.3117E-04
610868.43	4206071.03	43178.54305	0.00076	0.04569	3.95036E-07	7.5886E-04
610875.43	4206071.03	39596.33698	0.00070	0.04466	3.86130E-07	6.9592E-04
610882.43	4206071.03	36458.84621	0.00064	0.04367	3.77571E-07	6.4088E-04
610889.43	4206071.03	33694.51883	0.00059	0.04273	3.69443E-07	5.9224E-04
610896.43	4206071.03	31245.42636	0.00055	0.04182	3.61576E-07	5.4921E-04
610903.43	4206071.03	29064.47259	0.00051	0.04094	3.53967E-07	5.1089E-04
610910.43	4206071.03	27113.12211	0.00048	0.04010	3.46704E-07	4.7661E-04
610917.43	4206071.03	25359.47067	0.00045	0.03928	3.39615E-07	4.4580E-04
610924.43	4206071.03	23777.0581	0.00042	0.03850	3.32871E-07	4.1799E-04
610931.43	4206071.03	22343.69565	0.00039	0.03774	3.26300E-07	3.9281E-04
610952.43	4206071.03	18765.68714	0.00033	0.03562	3.07970E-07	3.2994E-04
610959.43	4206071.03	17768.46921	0.00031	0.03496	3.02264E-07	3.1242E-04
610966.43	4206071.03	16851.13618	0.00030	0.03432	2.96731E-07	2.9630E-04
610973.43	4206071.03	16005.17044	0.00028	0.03370	2.91170E-07	2.8143E-04
610980.43	4206071.03	15223.16209	0.00027	0.03310	2.86182E-07	2.6769E-04
610987.43	4206071.03	14498.58571	0.00025	0.03252	2.81168E-07	2.5496E-04
610994.43	4206071.03	13825.85787	0.00024	0.03196	2.76326E-07	2.4314E-04
611001.43	4206071.03	13200.01404	0.00023	0.03141	2.71571E-07	2.3214E-04
611008.43	4206071.03	12616.77106	0.00022	0.03089	2.67075E-07	2.2189E-04
611015.43	4206071.03	12072.17891	0.00021	0.03037	2.62579E-07	2.1232E-04
611022.43	4206071.03	11562.85639	0.00020	0.02988	2.58342E-07	2.0337E-04
611029.43	4206071.03	11085.7951	0.00019	0.02940	2.54192E-07	1.9498E-04
611036.43	4206071.03	10638.22022	0.00019	0.02893	2.50129E-07	1.8712E-04
611043.43	4206071.03	10217.6858	0.00018	0.02848	2.46238E-07	1.7973E-04
611050.43	4206071.03	9822.07369	0.00017	0.02803	2.42347E-07	1.7277E-04
611057.43	4206071.03	9449.43553	0.00017	0.02761	2.38716E-07	1.6622E-04
611064.43	4206071.03	9097.94648	0.00016	0.02719	2.35085E-07	1.6005E-04
611071.43	4206071.03	8766.01998	0.00015	0.02679	2.31626E-07	1.5421E-04
611078.43	4206071.03	8452.21866	0.00015	0.02639	2.28168E-07	1.4870E-04
611085.43	4206071.03	8155.22385	0.00014	0.02601	2.24882E-07	1.4348E-04
611092.43	4206071.03	7873.84021	0.00014	0.02564	2.21683E-07	1.3853E-04
610294.43	4206078.03	7405.63131	0.00013	0.35281	3.05039E-06	1.3314E-04
610301.43	4206078.03	7711.14945	0.00014	0.35122	3.03665E-06	1.3849E-04
610308.43	4206078.03	8034.99779	0.00014	0.34956	3.02229E-06	1.4416E-04
610315.43	4206078.03	8378.52151	0.00015	0.34782	3.00725E-06	1.5018E-04
610322.43	4206078.03	8743.26712	0.00015	0.34601	2.99160E-06	1.5657E-04
610329.43	4206078.03	9130.79538	0.00016	0.34412	2.97526E-06	1.6336E-04
610336.43	4206078.03	9543.07231	0.00017	0.34214	2.95814E-06	1.7059E-04
610343.43	4206078.03	9982.62811	0.00018	0.34010	2.94050E-06	1.7829E-04
610350.43	4206078.03	10451.13947	0.00018	0.33797	2.92209E-06	1.8650E-04
610357.43	4206078.03	10951.69814	0.00019	0.33577	2.90307E-06	1.9528E-04
610364.43	4206078.03	11486.22186	0.00020	0.33346	2.88309E-06	2.0465E-04
610371.43	4206078.03	12057.66924	0.00021	0.33105	2.86226E-06	2.1466E-04
610378.43	4206078.03	12669.07729	0.00022	0.32852	2.84038E-06	2.2538E-04
610385.43	4206078.03	13324.04397	0.00023	0.32587	2.81747E-06	2.3686E-04
610392.43	4206078.03	14027.45462	0.00025	0.32313	2.79378E-06	2.4920E-04
610399.43	4206078.03	14781.55826	0.00026	0.32023	2.76871E-06	2.6242E-04
610406.43	4206078.03	15592.09969	0.00027	0.31720	2.74251E-06	2.7663E-04
610413.43	4206078.03	16464.10699	0.00029	0.31403	2.71510E-06	2.9192E-04
610420.43	4206078.03	17410.70758	0.00031	0.31080	2.68718E-06	3.0852E-04
610427.43	4206078.03	18432.2182	0.00032	0.30742	2.65795E-06	3.2643E-04
610434.43	4206078.03	19537.56669	0.00034	0.30390	2.62752E-06	3.4582E-04
610441.43	4206078.03	20731.93126	0.00036	0.30020	2.59553E-06	3.6677E-04
610448.43	4206078.03	22026.1427	0.00039	0.29634	2.56215E-06	3.8947E-04
610455.43	4206078.03	23432.55294	0.00041	0.29233	2.52748E-06	4.1414E-04
610462.43	4206078.03	24959.47166	0.00044	0.28815	2.49134E-06	4.4092E-04
610469.43	4206078.03	26622.09989	0.00047	0.28380	2.45373E-06	4.7009E-04
610476.43	4206078.03	28438.73788	0.00050	0.27930	2.41483E-06	5.0196E-04
610483.43	4206078.03	30421.92971	0.00053	0.27463	2.37445E-06	5.3676E-04
610497.43	4206078.03	34956.29218	0.00061	0.26479	2.28937E-06	6.1632E-04
610504.43	4206078.03	37562.10727	0.00066	0.25965	2.24493E-06	6.6205E-04
610511.43	4206078.03	40438.22583	0.00071	0.25437	2.19928E-06	7.1253E-04
610518.43	4206078.03	43623.00728	0.00077	0.24896	2.15251E-06	7.6842E-04
610525.43	4206078.03	47168.20164	0.00083	0.24342	2.10461E-06	8.3065E-04
610532.43	4206078.03	51119.96446	0.00090	0.23777	2.05576E-06	9.0002E-04
610539.43	4206078.03	55552.44425	0.00098	0.23200	2.00587E-06	9.7783E-04
610546.43	4206078.03	60551.76615	0.00106	0.22614	1.95521E-06	1.0656E-03
610553.43	4206078.03	66234.81245	0.00116	0.22019	1.90376E-06	1.1654E-03
610560.43	4206078.03	72726.45251	0.00128	0.21416	1.85163E-06	1.2793E-03
610567.43	4206078.03	80301.04734	0.00141	0.20811	1.79932E-06	1.4123E-03
610574.43	4206078.03	89134.57187	0.00157	0.20199	1.74640E-06	1.5675E-03
610581.43	4206078.03	99593.34672	0.00175	0.19585	1.69332E-06	1.7511E-03
610588.43	4206078.03	112139.2769	0.00197	0.18970	1.64015E-06	1.9714E-03
610595.43	4206078.03	127384.2732	0.00224	0.18354	1.58689E-06	2.2392E-03

610602.43	4206078.03	146166.2482	0.00257	0.17740	1.53380E-06	2.5691E-03
610609.43	4206078.03	168574.8868	0.00296	0.17128	1.48089E-06	2.9626E-03
610777.43	4206078.03	235102.2246	0.00413	0.06697	5.79022E-07	4.1303E-03
610784.43	4206078.03	209462.2224	0.00368	0.06484	5.60606E-07	3.6799E-03
610791.43	4206078.03	180813.609	0.00318	0.06285	5.43401E-07	3.1767E-03
610798.43	4206078.03	155153.8065	0.00273	0.06098	5.27233E-07	2.7259E-03
610805.43	4206078.03	133683.9342	0.00235	0.05921	5.11929E-07	2.3488E-03
610812.43	4206078.03	115994.845	0.00204	0.05755	4.97577E-07	2.0380E-03
610819.43	4206078.03	101420.1005	0.00178	0.05597	4.83916E-07	1.7820E-03
610833.43	4206078.03	79263.74825	0.00139	0.05307	4.58843E-07	1.3928E-03
610840.43	4206078.03	70785.82387	0.00124	0.05173	4.47257E-07	1.2439E-03
610847.43	4206078.03	63600.45432	0.00112	0.05045	4.36190E-07	1.1176E-03
610854.43	4206078.03	57464.02371	0.00101	0.04924	4.25729E-07	1.0098E-03
610861.43	4206078.03	52185.24351	0.00092	0.04807	4.15613E-07	9.1709E-04
610868.43	4206078.03	47611.29406	0.00084	0.04696	4.06016E-07	8.3677E-04
610875.43	4206078.03	43628.25522	0.00077	0.04589	3.96765E-07	7.6676E-04
610882.43	4206078.03	40133.83504	0.00070	0.04487	3.87946E-07	7.0537E-04
610889.43	4206078.03	37052.79595	0.00065	0.04389	3.79473E-07	6.5124E-04
610896.43	4206078.03	34322.06455	0.00060	0.04295	3.71345E-07	6.0326E-04
610903.43	4206078.03	31889.98377	0.00056	0.04204	3.63478E-07	5.6053E-04
610910.43	4206078.03	29714.19126	0.00052	0.04117	3.55956E-07	5.2231E-04
610917.43	4206078.03	27759.37991	0.00049	0.04032	3.48607E-07	4.8796E-04
610924.43	4206078.03	25996.15196	0.00046	0.03951	3.41603E-07	4.5698E-04
610931.43	4206078.03	24399.94887	0.00043	0.03873	3.34859E-07	4.2894E-04
610952.43	4206078.03	20420.58835	0.00036	0.03654	3.15925E-07	3.5902E-04
610959.43	4206078.03	19311.38526	0.00034	0.03585	3.09959E-07	3.3956E-04
610966.43	4206078.03	18295.70661	0.00032	0.03519	3.04253E-07	3.2168E-04
610973.43	4206078.03	17358.09164	0.00030	0.03456	2.98806E-07	3.0521E-04
610980.43	4206078.03	16492.11778	0.00029	0.03394	2.93445E-07	2.8999E-04
610987.43	4206078.03	15690.51652	0.00028	0.03334	2.88257E-07	2.7590E-04
610994.43	4206078.03	14947.00542	0.00026	0.03276	2.83243E-07	2.6284E-04
611001.43	4206078.03	14256.00328	0.00025	0.03220	2.78401E-07	2.5070E-04
611008.43	4206078.03	13612.58578	0.00024	0.03166	2.73732E-07	2.3939E-04
611015.43	4206078.03	13012.46943	0.00023	0.03113	2.69150E-07	2.2884E-04
611022.43	4206078.03	12451.70126	0.00022	0.03062	2.64740E-07	2.1899E-04
611029.43	4206078.03	11926.94011	0.00021	0.03013	2.60504E-07	2.0977E-04
611036.43	4206078.03	11435.10509	0.00020	0.02964	2.56267E-07	2.0112E-04
611043.43	4206078.03	10973.455	0.00019	0.02918	2.52290E-07	1.9301E-04
611050.43	4206078.03	10539.51955	0.00019	0.02872	2.48313E-07	1.8538E-04
611057.43	4206078.03	10131.13441	0.00018	0.02828	2.44509E-07	1.7821E-04
611064.43	4206078.03	9746.32988	0.00017	0.02786	2.40877E-07	1.7144E-04
611071.43	4206078.03	9383.24983	0.00016	0.02744	2.37244E-07	1.6506E-04
611078.43	4206078.03	9040.25592	0.00016	0.02703	2.33701E-07	1.5903E-04
611085.43	4206078.03	8715.91253	0.00015	0.02664	2.30329E-07	1.5333E-04
611092.43	4206078.03	8408.87442	0.00015	0.02626	2.27044E-07	1.4794E-04
610294.43	4206085.03	7296.84697	0.00013	0.36821	3.18354E-06	1.3136E-04
610301.43	4206085.03	7597.54604	0.00013	0.36663	3.16988E-06	1.3663E-04
610308.43	4206085.03	7916.28129	0.00014	0.36497	3.15553E-06	1.4221E-04
610315.43	4206085.03	8254.47309	0.00014	0.36324	3.14057E-06	1.4814E-04
610322.43	4206085.03	8613.63018	0.00015	0.36143	3.12492E-06	1.5443E-04
610329.43	4206085.03	8994.80614	0.00016	0.35950	3.10824E-06	1.6111E-04
610336.43	4206085.03	9400.92227	0.00017	0.35752	3.09112E-06	1.6823E-04
610343.43	4206085.03	9834.27804	0.00017	0.35547	3.07339E-06	1.7582E-04
610350.43	4206085.03	10296.18306	0.00018	0.35333	3.05488E-06	1.8391E-04
610357.43	4206085.03	10789.18495	0.00019	0.35109	3.03552E-06	1.9256E-04
610364.43	4206085.03	11316.66199	0.00020	0.34877	3.01546E-06	2.0180E-04
610371.43	4206085.03	11879.95671	0.00021	0.34631	2.99419E-06	2.1167E-04
610378.43	4206085.03	12482.93649	0.00022	0.34373	2.97189E-06	2.2224E-04
610385.43	4206085.03	13129.10671	0.00023	0.34103	2.94854E-06	2.3357E-04
610392.43	4206085.03	13823.61698	0.00024	0.33822	2.92425E-06	2.4579E-04
610399.43	4206085.03	14568.36943	0.00026	0.33526	2.89866E-06	2.5880E-04
610406.43	4206085.03	15370.56864	0.00027	0.33218	2.87203E-06	2.7287E-04
610413.43	4206085.03	16233.0541	0.00029	0.32893	2.84393E-06	2.8799E-04
610420.43	4206085.03	17172.67434	0.00030	0.32567	2.81574E-06	3.0447E-04
610427.43	4206085.03	18187.51566	0.00032	0.32224	2.78609E-06	3.2226E-04
610434.43	4206085.03	19285.16097	0.00034	0.31863	2.75487E-06	3.4151E-04
610441.43	4206085.03	20473.87558	0.00036	0.31485	2.72219E-06	3.6236E-04
610448.43	4206085.03	21763.14211	0.00038	0.31090	2.68804E-06	3.8497E-04
610455.43	4206085.03	23163.66231	0.00041	0.30677	2.65233E-06	4.0954E-04
610462.43	4206085.03	24687.73925	0.00043	0.30247	2.61515E-06	4.3627E-04
610469.43	4206085.03	26349.12754	0.00046	0.29798	2.57633E-06	4.6542E-04
610476.43	4206085.03	28163.61325	0.00049	0.29332	2.53604E-06	4.9725E-04
610483.43	4206085.03	30149.22824	0.00053	0.28849	2.49428E-06	5.3209E-04
610497.43	4206085.03	34684.85651	0.00061	0.27827	2.40592E-06	6.1167E-04
610504.43	4206085.03	37296.41824	0.00066	0.27291	2.35958E-06	6.5759E-04
610511.43	4206085.03	40176.91451	0.00071	0.26740	2.31194E-06	7.0805E-04
610518.43	4206085.03	43373.59347	0.00076	0.26174	2.26300E-06	7.6415E-04
610525.43	4206085.03	46924.18554	0.00082	0.25594	2.21286E-06	8.2647E-04
610532.43	4206085.03	50895.45604	0.00089	0.25001	2.16159E-06	8.9618E-04
610539.43	4206085.03	55345.95798	0.00097	0.24395	2.10919E-06	9.7438E-04
610546.43	4206085.03	60374.66283	0.00106	0.23778	2.05584E-06	1.0626E-03
610553.43	4206085.03	66077.21806	0.00116	0.23150	2.00155E-06	1.1627E-03
610560.43	4206085.03	72609.33358	0.00128	0.22514	1.94656E-06	1.2774E-03
610567.43	4206085.03	80233.63178	0.00141	0.21873	1.89114E-06	1.4113E-03
610574.43	4206085.03	89137.68012	0.00157	0.21227	1.83529E-06	1.5676E-03
610581.43	4206085.03	99650.48917	0.00175	0.20576	1.77908E-06	1.7522E-03
610588.43	4206085.03	112272.9627	0.00197	0.19922	1.72246E-06	1.9739E-03
610595.43	4206085.03	127606.45	0.00224	0.19268	1.66591E-06	2.2432E-03
610602.43	4206085.03	146489.3363	0.00257	0.18614	1.60937E-06	2.5748E-03
610609.43	4206085.03	169029.7907	0.00297	0.17964	1.55317E-06	2.9707E-03
610777.43	4206085.03	247030.6999	0.00434	0.06908	5.97265E-07	4.3399E-03
610784.43	4206085.03	220951.2036	0.00388	0.06687	5.78158E-07	3.8817E-03
610791.43	4206085.03	191866.3241	0.00337	0.06480	5.60260E-07	3.3708E-03
610798.43	4206085.03	165676.9743	0.00291	0.06285	5.43401E-07	2.9108E-03
610805.43	4206085.03	143575.6194	0.00252	0.06101	5.27492E-07	2.5225E-03
610812.43	4206085.03	125187.6539	0.00220	0.05928	5.12535E-07	2.1995E-03
610819.43	4206085.03	109890.9103	0.00193	0.05765	4.98442E-07	1.9308E-03
610833.43	4206085.03	86350.16625	0.00152	0.05464	4.72417E-07	1.5173E-03
610840.43	4206085.03	77245.16082	0.00136	0.05325	4.60399E-07	1.3573E-03
610847.43	4206085.03	69483.00753	0.00122	0.05192	4.48900E-07	1.2210E-03
610854.43	4206085.03	62822.6954	0.00110	0.05066	4.38006E-07	1.1040E-03
610861.43	4206085.03	57070.80518	0.00100	0.04945	4.27544E-07	1.0029E-03
610868.43	4206085.03	52073.50003	0.00091	0.04830	4.17602E-07	9.1513E-04
610875.43	4206085.03	47706.31725	0.00084	0.04719	4.08005E-07	8.3840E-04
610882.43	4206085.03	43869.3658	0.00077	0.04613	3.98840E-07	7.7102E-04
610889.43	4206085.03	40480.84107	0.00071	0.04512	3.90107E-07	7.1147E-04
610896.43	4206085.03	37473.97798	0.00066	0.04414	3.81634E-07	6.5864E-04
610903.43	4206085.03	34793.59994	0.00061	0.04320	3.73507E-07	6.1155E-04
610910.43	4206085.03	32394.37777	0.00057	0.04229	3.65639E-07	5.6940E-04
610917.43	4206085.03	30237.90311	0.00053	0.04142	3.58117E-07	5.3151E-04
610924.43	4206085.03	28292.59303	0.00050	0.04058	3.50854E-07	4.9733E-04
610931.43	4206085.03	26531.53568	0.00047	0.03977	3.43851E-07	4.6639E-04
610952.43	4206085.03	22142.90509	0.00039	0.03750	3.24225E-07	3.8928E-04
610959.43	4206085.03	20922.73099	0.00037	0.03680	3.18173E-07	3.6784E-04
610966.43	4206085.03	19801.75647	0.00035	0.03612	3.12293E-07	3.4814E-04
610973.43	4206085.03	18769.54292	0.00033	0.03546	3.06587E-07	3.3001E-04
610980.43	4206085.03	17816.80981	0.00031	0.03482	3.01054E-07	3.1327E-04
610987.43	4206085.03	16935.53372	0.00030	0.03421	2.95779E-07	2.9778E-04
610994.43	4206085.03	16118.58853	0.00028	0.03361	2.90592E-07	2.8343E-04
611001.43	4206085.03	15359.89513	0.00027	0.03303	2.85577E-07	2.7009E-04
611008.43	4206085.03	14653.91102	0.00026	0.03247	2.80735E-07	2.5769E-04
611015.43	4206085.03	13995.88653	0.00025	0.03193	2.76067E-07	2.4612E-04
611022.43	4206085.03	13381.53964	0.00024	0.03140	2.71484E-07	2.3533E-04
611029.43	4206085.03	12807.02269	0.00022	0.03089	2.67075E-07	2.2523E-04
611036.43	4206085.03	12268.99224	0.00022	0.03040	2.62838E-07	2.1578E-04
611043.43	4206085.03	11764.28541	0.00021	0.02992	2.58688E-07	2.0691E-04
611050.43	4206085.03	11290.31831	0.00020	0.02945	2.54625E-07	1.9858E-04
611057.43	4206085.03	10844.57983	0.00019	0.02900	2.50734E-07	1.9074E-04
611064.43	4206085.03	10424.79035	0.00018	0.02856	2.46930E-07	1.8337E-04
611071.43	4206085.03	10029.01451	0.00018	0.02813	2.43212E-07	1.7641E-04
611078.43	4206085.03	9655.49398	0.00017	0.02771	2.39581E-07	1.6985E-04
611085.43	4206085.03	9302.51618	0.00016	0.02731	2.36122E-07	1.6364E-04
611092.43	4206085.03	8968.62261	0.00016	0.02691	2.32664E-07	1.5777E-04
610294.43	4206092.03	7185.69778	0.00013	0.38467	3.32585E-06	1.2955E-04
610301.43	4206092.03	7480.72662	0.00013	0.38306	3.31193E-06	1.3472E-04
610308.43	4206092.03	7794.04769	0.00014	0.38140	3.29758E-06	1.4021E-04
610315.43	4206092.03	8126.55227	0.00014	0.37968	3.28271E-06	1.4603E-04
610322.43	4206092.03	8479.74288	0.00015	0.37787	3.26706E-06	1.5222E-04
610329.43	4206092.03	8855.25834	0.00016	0.37597	3.25063E-06	1.5880E-04
610336.43	4206092.03	9254.94076	0.00016	0.37399	3.23352E-06	1.6580E-04
610343.43	4206092.03	9680.7239	0.00017	0.37191	3.21553E-06	1.7326E-04
610350.43	4206092.03	10135.56588	0.00018	0.36976	3.19694E-06	1.8124E-04
610357.43	4206092.03	10620.34341	0.00019	0.36747	3.17714E-06	1.8973E-04
610364.43	4206092.03	11139.20935	0.00020	0.36511	3.15674E-06	1.9883E-04
610371.43	4206092.03	11693.47339	0.00021	0.36259	3.13495E-06	2.0854E-04
610378.43	4206092.03	12288.03272	0.00022	0.35999	3.11247E-06	2.1896E-04
610385.43	4206092.03	12924.54573	0.00023	0.35723	3.08861E-06	2.3012E-04
610392.43	4206092.03	13608.81847	0.00024	0.35437	3.06388E-06	2.4211E-04
610399.43	4206092.03	14344.32491	0.00025	0.35136	3.03786E-06	2.5501E-04
610406.43	4206092.03	15134.52619	0.00027	0.34819	3.01045E-06	2.6886E-04
610413.43	4206092.03	15987.04519	0.00028	0.34490	2.98200E-06	2.8381E-04
610420.43	4206092.03	16918.20247	0.00030	0.34160	2.95347E-06	3.0013E-04
610427.43	4206092.03	17923.19855	0.00031	0.33810	2.92321E-06	3.1776E-04
610434.43	4206092.03	19012.52786	0.00033	0.33443	2.89148E-06	3.3686E-04
610441.43	4206092.03	20193.42831	0.00035	0.33057	2.85811E-06	3.5757E-04
610448.43	4206092.03	21475.41583	0.00038	0.32653	2.82318E-06	3.8005E-04
610455.43	4206092.03	22869.59352	0.00040	0.32229	2.78652E-06	4.0451E-04
610462.43	4206092.03	24386.04745	0.00043	0.31785	2.74813E-06	4.3111E-04
610469.43	4206092.03	26043.21704	0.00046	0.31323	2.70819E-06	4.6018E-04
610476.43	4206092.03	27854.97365	0.00049	0.30841	2.66651E-06	4.9196E-04
610483.43	4206092.03	29839.8311	0.00052	0.30341	2.62328E-06	5.2678E-04
610497.43	4206092.03	34368.65886	0.00060	0.29279	2.53146E-06	6.0624E-04
610504.43	4206092.03	36977.48673	0.00065	0.28721	2.48322E-06	6.5202E-04
610511.43	4206092.03	39857.08186	0.00070	0.28146	2.43350E-06	7.0255E-04
610518.43	4206092.03	43055.0796	0.00076	0.27554	2.38232E-06	7.5868E-04
610525.43	4206092.03	46614.62028	0.00082	0.26947	2.32984E-06	8.2115E-04
610532.43	4206092.03	50592.86536	0.00089	0.26324	2.27597E-06	8.9098E-04
610539.43	4206092.03	55053.35824	0.00097	0.25687	2.22090E-06	9.6927E-04
610546.43	4206092.03	60095.62096	0.00106	0.25037	2.16470E-06	1.0578E-03
610553.43	4206092.03	65823.48546	0.00116	0.24375	2.10746E-06	1.1583E-03
610560.43	4206092.03	72387.09859	0.00127	0.23703	2.04936E-06	1.2736E-03
610567.43	4206092.03	80038.88889	0.00141	0.23025	1.99074E-06	1.4079E-03
610574.43	4206092.03	88987.04014	0.00156	0.22339	1.93143E-06	1.5651E-03
610581.43	4206092.03	99551.15928	0.00175	0.21648	1.87169E-06	1.7506E-03
610588.43	4206092.03	112232.9006	0.00197	0.20954	1.81168E-06	1.9733E-03
610595.43	4206092.03	127635.3157	0.00224	0.20258	1.75151E-06	2.2438E-03
610602.43	4206092.03	146596.8138	0.00258	0.19562	1.69133E-06	2.5768E-03
610609.43	4206092.03	169272.2197	0.00297	0.18869	1.63141E-06	2.9751E-03
610777.43	4206092.03	272681.14	0.00479	0.07378	6.37902E-07	4.7905E-03
610777.43	4206092.03	257040.0031	0.00452	0.07132	6.16632E-07	4.5157E-03
610784.43	4206092.03	230667.2679	0.00405	0.06902	5.96747E-07	4.0524E-03
610791.43	4206092.03	201344.7868	0.00354	0.06686	5.78071E-07	3.5373E-03
610798.43	4206092.03	174855.1479	0.00307	0.06483	5.60520E-07	3.0720E-03
610805.43	4206092.03	152354.5462	0.00268	0.06292	5.44006E-07	2.6768E-03
610812.43	4206092.03	133492.5562	0.00234	0.06112	5.28443E-07	2.3454E-03
610819.43	4206092.03	117673.3489	0.00207	0.05943	5.13831E-07	2.0675E-03
610833.43	4206092.03	93053.13399	0.00163	0.05630	4.86770E-07	1.6350E-03
610840.43	4206092.03	83428.76979	0.00147	0.05485	4.74233E-07	1.4660E-03
610847.43	4206092.03	75175.49497	0.00132	0.05348	4.62388E-07	1.3210E-03
610854.43	4206092.03	68057.38538	0.00120	0.05216	4.50979E-07	1.1959E-03
610861.43	4206092.03	61883.22891	0.00109	0.05091	4.40168E-07	1.0875E-03
610868.43	4206092.03	56498.5648	0.00099	0.04971	4.29792E-07	9.9287E-04
610875.43	4206092.03	51777.92357	0.00091	0.04857	4.19936E-07	9.0994E-04
610882.43	4206092.03	47619.51232	0.00084	0.04747	4.10425E-07	8.3688E-04
610889.43	4206092.03	43938.79461	0.00077	0.04641	4.01261E-07	7.7222E-04
610896.43	4206092.03	40666.84618	0.00071	0.04540	3.92528E-07	7.1474E-04

610903.43	4206092.03	37745.95739	0.00066	0.04442	3.84055E-07	6.6342E-04
610910.43	4206092.03	35128.18608	0.00062	0.04348	3.7592E-07	6.1743E-04
610917.43	4206092.03	32773.29613	0.00058	0.04258	3.68146E-07	5.7606E-04
610924.43	4206092.03	30647.51544	0.00054	0.04171	3.60624E-07	5.3871E-04
610931.43	4206092.03	28722.06135	0.00050	0.04087	3.53362E-07	5.0488E-04
610952.43	4206092.03	23921.79456	0.00042	0.03853	3.3313E-07	4.2054E-04
610959.43	4206092.03	22587.10922	0.00040	0.03780	3.26819E-07	3.9709E-04
610966.43	4206092.03	21361.1707	0.00038	0.03709	3.20680E-07	3.7555E-04
610973.43	4206092.03	20232.50632	0.00036	0.03641	3.14801E-07	3.5571E-04
610980.43	4206092.03	19191.08038	0.00034	0.03576	3.09181E-07	3.3741E-04
610987.43	4206092.03	18228.04385	0.00032	0.03512	3.03647E-07	3.2049E-04
610994.43	4206092.03	17335.74417	0.00030	0.03450	2.98287E-07	3.0481E-04
611001.43	4206092.03	16507.39949	0.00029	0.03391	2.93186E-07	2.9026E-04
611008.43	4206092.03	15736.98283	0.00028	0.03333	2.88171E-07	2.7672E-04
611015.43	4206092.03	15019.23842	0.00026	0.03277	2.83329E-07	2.6411E-04
611022.43	4206092.03	14349.44208	0.00025	0.03223	2.78606E-07	2.5234E-04
611029.43	4206092.03	13723.47597	0.00024	0.03170	2.74078E-07	2.4134E-04
611036.43	4206092.03	13137.53129	0.00023	0.03119	2.69669E-07	2.3104E-04
611043.43	4206092.03	12588.28119	0.00022	0.03070	2.65432E-07	2.2139E-04
611050.43	4206092.03	12072.67377	0.00021	0.03022	2.61282E-07	2.1233E-04
611057.43	4206092.03	11588.08953	0.00020	0.02975	2.57218E-07	2.0381E-04
611064.43	4206092.03	11132.02447	0.00020	0.02930	2.53328E-07	1.9580E-04
611071.43	4206092.03	10702.27008	0.00019	0.02885	2.49437E-07	1.8824E-04
611078.43	4206092.03	10296.88779	0.00018	0.02843	2.45806E-07	1.8112E-04
611085.43	4206092.03	9914.0901	0.00017	0.02801	2.42174E-07	1.7439E-04
611092.43	4206092.03	9552.15179	0.00017	0.02760	2.38629E-07	1.6803E-04
610294.43	4206099.03	7070.84418	0.00012	0.40217	3.47716E-06	1.2768E-04
610301.43	4206099.03	7360.87732	0.00013	0.40060	3.46359E-06	1.3276E-04
610308.43	4206099.03	7668.46827	0.00013	0.39895	3.44932E-06	1.3815E-04
610315.43	4206099.03	7994.92756	0.00014	0.39723	3.43445E-06	1.4387E-04
610322.43	4206099.03	8341.7985	0.00015	0.39543	3.41889E-06	1.4995E-04
610329.43	4206099.03	8710.6808	0.00015	0.39353	3.40246E-06	1.5641E-04
610336.43	4206099.03	9103.36365	0.00016	0.39155	3.3853E-06	1.6329E-04
610343.43	4206099.03	9521.77148	0.00017	0.38946	3.36727E-06	1.7062E-04
610350.43	4206099.03	9968.12405	0.00018	0.38727	3.34833E-06	1.7845E-04
610357.43	4206099.03	10444.76341	0.00018	0.38498	3.32854E-06	1.8680E-04
610364.43	4206099.03	10954.34115	0.00019	0.38257	3.30770E-06	1.9573E-04
610371.43	4206099.03	11499.6782	0.00020	0.38004	3.28582E-06	2.0529E-04
610378.43	4206099.03	12083.97535	0.00021	0.37738	3.26283E-06	2.1553E-04
610385.43	4206099.03	12710.78714	0.00022	0.37460	3.23879E-06	2.2651E-04
610392.43	4206099.03	13383.96042	0.00024	0.37167	3.21346E-06	2.3831E-04
610399.43	4206099.03	14107.70473	0.00025	0.36860	3.18691E-06	2.5100E-04
610406.43	4206099.03	14887.01643	0.00026	0.36539	3.15916E-06	2.6466E-04
610413.43	4206099.03	15727.04771	0.00028	0.36202	3.13002E-06	2.7939E-04
610420.43	4206099.03	16646.5743	0.00029	0.35867	3.10106E-06	2.9551E-04
610427.43	4206099.03	17642.82895	0.00031	0.35514	3.07054E-06	3.1298E-04
610434.43	4206099.03	18722.22778	0.00033	0.35141	3.03829E-06	3.3191E-04
610441.43	4206099.03	19891.48316	0.00035	0.34746	3.00414E-06	3.5241E-04
610448.43	4206099.03	21164.00815	0.00037	0.34333	2.96843E-06	3.7473E-04
610455.43	4206099.03	22547.10623	0.00040	0.33897	2.93073E-06	3.9899E-04
610462.43	4206099.03	24057.54564	0.00042	0.33442	2.89139E-06	4.2548E-04
610469.43	4206099.03	25705.1509	0.00045	0.32964	2.85007E-06	4.5438E-04
610476.43	4206099.03	27508.12997	0.00048	0.32467	2.80710E-06	4.8601E-04
610483.43	4206099.03	29488.50321	0.00052	0.31949	2.76231E-06	5.2075E-04
610497.43	4206099.03	34001.72707	0.00060	0.30847	2.66703E-06	5.9993E-04
610504.43	4206099.03	36602.6328	0.00064	0.30266	2.61680E-06	6.4557E-04
610511.43	4206099.03	39479.98486	0.00069	0.29666	2.56492E-06	6.9606E-04
610518.43	4206099.03	42673.58625	0.00075	0.29047	2.51140E-06	7.5210E-04
610525.43	4206099.03	46230.67625	0.00081	0.28411	2.45641E-06	8.1453E-04
610532.43	4206099.03	50208.82055	0.00088	0.27757	2.39987E-06	8.8435E-04
610539.43	4206099.03	54684.77995	0.00096	0.27088	2.34203E-06	9.6292E-04
610546.43	4206099.03	59733.38821	0.00105	0.26403	2.28280E-06	1.0515E-03
610553.43	4206099.03	65470.46392	0.00115	0.25704	2.22237E-06	1.1523E-03
610560.43	4206099.03	72046.02325	0.00127	0.24993	2.16089E-06	1.2677E-03
610567.43	4206099.03	79724.63287	0.00140	0.24275	2.09882E-06	1.4025E-03
610574.43	4206099.03	88704.69529	0.00156	0.23548	2.03596E-06	1.5602E-03
610581.43	4206099.03	99307.47724	0.00174	0.22813	1.97241E-06	1.7464E-03
610588.43	4206099.03	112034.1044	0.00197	0.22074	1.90852E-06	1.9699E-03
610595.43	4206099.03	127514.2772	0.00224	0.21333	1.84445E-06	2.2417E-03
610602.43	4206099.03	146508.659	0.00257	0.20591	1.78030E-06	2.5753E-03
610609.43	4206099.03	169279.1423	0.00297	0.19851	1.71632E-06	2.9752E-03
610616.43	4206099.03	192811.6401	0.00339	0.19115	1.65268E-06	3.3885E-03
610770.43	4206099.03	281171.0705	0.00494	0.07627	6.59430E-07	4.9396E-03
610777.43	4206099.03	265434.2014	0.00466	0.07370	6.37210E-07	4.6632E-03
610784.43	4206099.03	238897.5855	0.00420	0.07129	6.16373E-07	4.1970E-03
610791.43	4206099.03	209463.7266	0.00368	0.06904	5.96920E-07	3.6800E-03
610798.43	4206099.03	182825.672	0.00321	0.06693	5.78676E-07	3.2120E-03
610805.43	4206099.03	160097.9985	0.00281	0.06494	5.61471E-07	2.8128E-03
610812.43	4206099.03	140930.7899	0.00248	0.06307	5.45303E-07	2.4761E-03
610819.43	4206099.03	124749.229	0.00219	0.06131	5.30086E-07	2.1918E-03
610831.43	4206099.03	99314.7062	0.00174	0.05805	5.01900E-07	1.7450E-03
610840.43	4206099.03	89274.06032	0.00157	0.05655	4.88931E-07	1.5687E-03
610847.43	4206099.03	80614.28409	0.00142	0.05512	4.76567E-07	1.4165E-03
610854.43	4206099.03	73106.61975	0.00128	0.05375	4.64722E-07	1.2844E-03
610861.43	4206099.03	66564.51218	0.00117	0.05245	4.5348ZE-07	1.1697E-03
610868.43	4206099.03	60815.66345	0.00107	0.05121	4.42761E-07	1.0691E-03
610875.43	4206099.03	55795.65353	0.00098	0.05002	4.32473E-07	9.8052E-04
610882.43	4206099.03	51341.75003	0.00090	0.04887	4.22530E-07	9.0228E-04
610889.43	4206099.03	47389.29492	0.00083	0.04778	4.13106E-07	8.3284E-04
610896.43	4206099.03	43867.62454	0.00077	0.04672	4.03941E-07	7.7097E-04
610903.43	4206099.03	40717.71904	0.00072	0.04571	3.95208E-07	7.1563E-04
610910.43	4206099.03	37890.19139	0.00067	0.04474	3.86822E-07	6.6596E-04
610917.43	4206099.03	35343.11393	0.00062	0.04380	3.78695E-07	6.2121E-04
610924.43	4206099.03	33041.27443	0.00058	0.04290	3.70913E-07	5.8077E-04
610931.43	4206099.03	30954.49111	0.00054	0.04203	3.6339IE-07	5.4410E-04
610952.43	4206099.03	25745.81317	0.00045	0.03961	3.42468E-07	4.5259E-04
610959.43	4206099.03	24296.50355	0.00043	0.03885	3.35897E-07	4.2712E-04
610966.43	4206099.03	22965.04796	0.00040	0.03813	3.29672E-07	4.0373E-04
610973.43	4206099.03	21739.13232	0.00038	0.03742	3.23533E-07	3.8219E-04
610980.43	4206099.03	20607.95786	0.00036	0.03674	3.17654E-07	3.6231E-04
610987.43	4206099.03	19562.05245	0.00034	0.03609	3.12034E-07	3.4393E-04
610994.43	4206099.03	18593.11852	0.00033	0.03545	3.06501E-07	3.2691E-04
611001.43	4206099.03	17693.75886	0.00031	0.03484	3.01226E-07	3.1111E-04
611008.43	4206099.03	16857.52332	0.00030	0.03424	2.96039E-07	2.9641E-04
611015.43	4206099.03	16078.68024	0.00028	0.03366	2.91024E-07	2.8272E-04
611022.43	4206099.03	15352.07059	0.00027	0.03310	2.86182E-07	2.6996E-04
611029.43	4206099.03	14673.23901	0.00026	0.03256	2.81514E-07	2.5803E-04
611036.43	4206099.03	14038.10828	0.00025	0.03203	2.76931E-07	2.4687E-04
611043.43	4206099.03	13442.89099	0.00024	0.03152	2.72522E-07	2.3641E-04
611050.43	4206099.03	12884.48762	0.00023	0.03103	2.68285E-07	2.2659E-04
611057.43	4206099.03	12359.81568	0.00022	0.03054	2.64049E-07	2.1737E-04
611064.43	4206099.03	11866.24685	0.00021	0.03008	2.60072E-07	2.0870E-04
611071.43	4206099.03	11401.4039	0.00020	0.02962	2.56094E-07	2.0053E-04
611078.43	4206099.03	10963.04755	0.00019	0.02918	2.52290E-07	1.9283E-04
610294.43	4206106.03	6951.56186	0.00012	0.42073	3.63763E-06	1.2575E-04
610301.43	4206106.03	7235.79333	0.00013	0.41918	3.62423E-06	1.3073E-04
610308.43	4206106.03	7537.21834	0.00013	0.41754	3.61005E-06	1.3601E-04
610315.43	4206106.03	7857.1888	0.00014	0.41583	3.59526E-06	1.4161E-04
610322.43	4206106.03	8197.13421	0.00014	0.41403	3.57970E-06	1.4757E-04
610329.43	4206106.03	8558.77797	0.00015	0.41214	3.56336E-06	1.5390E-04
610336.43	4206106.03	8943.81279	0.00016	0.41016	3.54624E-06	1.6061E-04
610343.43	4206106.03	9354.19688	0.00016	0.40808	3.53826E-06	1.6784E-04
610350.43	4206106.03	9792.02835	0.00017	0.40589	3.50932E-06	1.7551E-04
610357.43	4206106.03	10259.80816	0.00018	0.40359	3.48944E-06	1.8371E-04
610364.43	4206106.03	10759.96733	0.00019	0.40117	3.46851E-06	1.9248E-04
610371.43	4206106.03	11295.46927	0.00020	0.39863	3.44655E-06	2.0186E-04
610378.43	4206106.03	11869.42744	0.00021	0.39595	3.42338E-06	2.1192E-04
610385.43	4206106.03	12485.42002	0.00022	0.39314	3.39909E-06	2.2271E-04
610392.43	4206106.03	13147.26634	0.00023	0.39019	3.37358E-06	2.3431E-04
610399.43	4206106.03	13859.37237	0.00024	0.38709	3.34678E-06	2.4680E-04
610406.43	4206106.03	14626.38444	0.00026	0.38383	3.31859E-06	2.6024E-04
610413.43	4206106.03	15453.74413	0.00027	0.38042	3.28911E-06	2.7475E-04
610420.43	4206106.03	16360.14513	0.00029	0.37701	3.25963E-06	2.9064E-04
610427.43	4206106.03	17341.32675	0.00030	0.37341	3.22850E-06	3.0784E-04
610434.43	4206106.03	18403.4246	0.00032	0.36958	3.19539E-06	3.2647E-04
610441.43	4206106.03	19558.16328	0.00034	0.36555	3.16054E-06	3.4671E-04
610448.43	4206106.03	20813.95322	0.00037	0.36131	3.12388E-06	3.6874E-04
610455.43	4206106.03	22181.85524	0.00039	0.35686	3.08541E-06	3.9273E-04
610462.43	4206106.03	23674.7679	0.00042	0.35218	3.04495E-06	4.1891E-04
610469.43	4206106.03	25306.89112	0.00044	0.34727	3.00249E-06	4.4754E-04
610476.43	4206106.03	27094.73572	0.00048	0.34214	2.95814E-06	4.7890E-04
610483.43	4206106.03	29057.19668	0.00051	0.33679	2.91188E-06	5.1332E-04
610497.43	4206106.03	33546.3346	0.00059	0.32537	2.81315E-06	5.9208E-04
610504.43	4206106.03	36139.1945	0.00063	0.31933	2.76093E-06	6.3757E-04
610511.43	4206106.03	39010.7112	0.00069	0.31308	2.70689E-06	6.8796E-04
610518.43	4206106.03	42195.80665	0.00074	0.30662	2.65104E-06	7.4385E-04
610525.43	4206106.03	45752.09574	0.00080	0.29996	2.59345E-06	8.0626E-04
610532.43	4206106.03	49732.66235	0.00087	0.29311	2.53423E-06	8.7612E-04
610539.43	4206106.03	54202.00064	0.00095	0.28607	2.47336E-06	9.5457E-04
610546.43	4206106.03	59260.69789	0.00104	0.27886	2.41102E-06	1.0434E-03
610553.43	4206106.03	65004.65426	0.00114	0.27148	2.34721E-06	1.1442E-03
610560.43	4206106.03	71600.57538	0.00126	0.26396	2.28220E-06	1.2600E-03
610567.43	4206106.03	79296.45129	0.00139	0.25635	2.21640E-06	1.3951E-03
610574.43	4206106.03	88285.28216	0.00155	0.24862	2.14957E-06	1.5529E-03
610581.43	4206106.03	98913.21967	0.00174	0.24081	2.08204E-06	1.7396E-03
610588.43	4206106.03	111649.8164	0.00196	0.23294	2.01400E-06	1.9632E-03
610595.43	4206106.03	127134.9458	0.00223	0.22502	1.94552E-06	2.2352E-03
610602.43	4206106.03	146149.0456	0.00257	0.21710	1.87705E-06	2.5691E-03
610609.43	4206106.03	168941.5615	0.00297	0.20918	1.80857E-06	2.9694E-03
610616.43	4206106.03	192592.6989	0.00338	0.20131	1.74053E-06	3.3848E-03
610620	4206104.63	203023.1298	0.00357	0.19527	1.68830E-06	3.5679E-03
610770.43	4206106.03	288288.4661	0.00506	0.07891	6.82255E-07	5.0647E-03
610777.43	4206106.03	272498.327	0.00479	0.07622	6.58998E-07	4.7873E-03
610784.43	4206106.03	245848.3599	0.00432	0.07371	6.37296E-07	4.3191E-03
610791.43	4206106.03	216410.6001	0.00380	0.07136	6.16978E-07	3.8020E-03
610798.43	4206106.03	189731.6937	0.00333	0.06916	5.97957E-07	3.3334E-03
610805.43	4206106.03	166896.8314	0.00293	0.06709	5.80060E-07	2.9322E-03
610812.43	4206106.03	147549.5978	0.00259	0.06514	5.63200E-07	2.5924E-03
610819.43	4206106.03	131130.7433	0.00230	0.06330	5.47291E-07	2.3040E-03
610831.43	4206106.03	105106.0513	0.00185	0.05992	5.18068E-07	1.8468E-03
610840.43	4206106.03	94741.79991	0.00166	0.05835	5.04494E-07	1.6647E-03
610847.43	4206106.03	85754.82365	0.00151	0.05686	4.91615E-07	1.5068E-03
610854.43	4206106.03	77924.22678	0.00137	0.05544	4.79334E-07	1.3693E-03
610861.43	4206106.03	71069.15079	0.00125	0.05409	4.67662E-07	1.2488E-03
610868.43	4206106.03	65041.32856	0.00114	0.05279	4.56422E-07	1.1430E-03
610875.43	4206106.03	59718.11285	0.00105	0.05155	4.45701E-07	1.0494E-03
610882.43	4206106.03	54998.5861	0.00097	0.05036	4.35412E-07	9.6653E-04
610889.43	4206106.03	50797.99098	0.00089	0.04922	4.25556E-07	8.9273E-04
610896.43	4206106.03	47045.42628	0.00083	0.04813	4.16132E-07	8.2680E-04
610903.43	4206106.03	43681.3207	0.00077	0.04708	4.07053E-07	7.6770E-04
610910.43	4206106.03	40655.54172	0.00071	0.04607	3.98321E-07	7.1454E-04
610917.43	4206106.03	37925.3336	0.00067	0.04510	3.89934E-07	6.6658E-04
610924.43	4206106.03	35454.33682	0.00062	0.04416	3.81807E-07	6.2316E-04
610931.43	4206106.03	33211.49928	0.00058	0.04326	3.74026E-07	5.8376E-04
610952.43	4206106.03	27603.00965	0.00048	0.04075	3.52324E-07	4.8522E-04
610959.43	4206106.03	26040.29008	0.00046	0.03997	3.45580E-07	4.5776E-04
610966.43	4206106.03	24601.87592	0.00043	0.03922	3.39096E-07	4.3252E-04
610973.43	4206106.03	23280.98742	0.00041	0.03849	3.32784E-07	4.0928E-04
610980.43	4206106.03	22060.02029	0.00039	0.03779	3.26732E-07	3.8783E-04
610987.43	4206106.03	20930.86915	0.00037	0.03711	3.20853E-07	3.6799E-04
610994.43	4206106.03	19884.68972	0.00035	0.03645	3.15147E-07	3.4960E-04
611001.43	4206106.03	18913.63546	0.00033	0.03582	3.09700E-07	3.3254E-04
611008.43	4206106.03	18010.76746	0.00032	0.03520	3.04339E-07	3.1668E-04
611015.43	4206106.03	17169.97966	0.00030	0.03460	2.99151E-07	3.0190E-04
611022.43	4206106.03	16385.6372	0.00029	0.03403	2.94223E-07	2.8812E-04
611029.43	4206106.03	15652.99563	0.00027	0.03347	2.89381E-07	2.7525E-04

611036.43	4206106.03	14967.57886	0.00026	0.03292	2.84626E-07	2.6320E-04
611043.43	4206106.03	14325.47423	0.00025	0.03239	2.80044E-07	2.5192E-04
611050.43	4206106.03	13723.16049	0.00024	0.03188	2.75634E-07	2.4133E-04
611057.43	4206106.03	13157.4919	0.00023	0.03138	2.71311E-07	2.3139E-04
611064.43	4206106.03	12625.43583	0.00022	0.03090	2.67161E-07	2.2204E-04
611071.43	4206106.03	12124.49966	0.00021	0.03043	2.63098E-07	2.1324E-04
610294.43	4206113.03	6830.62505	0.00012	0.44066	3.80994E-06	1.2379E-04
610301.43	4206113.03	7108.81441	0.00012	0.43911	3.79654E-06	1.2867E-04
610308.43	4206113.03	7403.78126	0.00013	0.43749	3.78254E-06	1.3384E-04
610315.43	4206113.03	7716.97957	0.00014	0.43579	3.76784E-06	1.3932E-04
610322.43	4206113.03	8049.80991	0.00014	0.43400	3.75236E-06	1.4515E-04
610329.43	4206113.03	8403.8239	0.00015	0.43212	3.73611E-06	1.5136E-04
610336.43	4206113.03	8780.84414	0.00015	0.43014	3.71899E-06	1.5796E-04
610343.43	4206113.03	9182.7275	0.00016	0.42807	3.70109E-06	1.6500E-04
610350.43	4206113.03	9611.67142	0.00017	0.42588	3.68216E-06	1.7252E-04
610357.43	4206113.03	10069.89608	0.00018	0.42358	3.66227E-06	1.8055E-04
610364.43	4206113.03	10560.13083	0.00019	0.42115	3.64126E-06	1.8914E-04
610371.43	4206113.03	11085.06448	0.00019	0.41860	3.61921E-06	1.9834E-04
610378.43	4206113.03	11647.9499	0.00020	0.41592	3.59604E-06	2.0820E-04
610385.43	4206113.03	12252.2617	0.00022	0.41309	3.57157E-06	2.1879E-04
610392.43	4206113.03	12901.87641	0.00023	0.41011	3.54581E-06	2.3018E-04
610399.43	4206113.03	13601.08879	0.00024	0.40698	3.51875E-06	2.4243E-04
610406.43	4206113.03	14354.71914	0.00025	0.40368	3.49022E-06	2.5564E-04
610413.43	4206113.03	15167.98488	0.00027	0.40022	3.46030E-06	2.6990E-04
610420.43	4206113.03	16058.33275	0.00028	0.39675	3.43030E-06	2.8551E-04
610427.43	4206113.03	17022.64953	0.00030	0.39307	3.39848E-06	3.0241E-04
610434.43	4206113.03	18068.76267	0.00032	0.38918	3.36485E-06	3.2076E-04
610441.43	4206113.03	19207.11824	0.00034	0.38507	3.32931E-06	3.4072E-04
610448.43	4206113.03	20443.94778	0.00036	0.38073	3.29179E-06	3.6240E-04
610455.43	4206113.03	21792.26964	0.00038	0.37616	3.25228E-06	3.8605E-04
610462.43	4206113.03	23264.796	0.00041	0.37135	3.21069E-06	4.1187E-04
610469.43	4206113.03	24875.95795	0.00044	0.36631	3.16711E-06	4.4013E-04
610476.43	4206113.03	26645.02101	0.00047	0.36103	3.12144E-06	4.7116E-04
610483.43	4206113.03	28585.54898	0.00050	0.35550	3.07365E-06	5.0520E-04
610497.43	4206113.03	33041.64055	0.00058	0.34368	2.97146E-06	5.8337E-04
610504.43	4206113.03	35617.31991	0.00063	0.33740	2.91716E-06	6.2856E-04
610511.43	4206113.03	38477.06188	0.00068	0.33090	2.86096E-06	6.7874E-04
610518.43	4206113.03	41652.52736	0.00073	0.32415	2.80260E-06	7.3446E-04
610525.43	4206113.03	45196.1151	0.00079	0.31719	2.74242E-06	7.9665E-04
610532.43	4206113.03	49172.07714	0.00086	0.31000	2.68026E-06	8.6642E-04
610539.43	4206113.03	53640.27036	0.00094	0.30260	2.61628E-06	9.4485E-04
610546.43	4206113.03	58702.0008	0.00103	0.29501	2.55066E-06	1.0317E-03
610553.43	4206113.03	64454.00908	0.00113	0.28722	2.48330E-06	1.1347E-03
610560.43	4206113.03	71054.231	0.00125	0.27927	2.41457E-06	1.2505E-03
610567.43	4206113.03	78747.08173	0.00138	0.27118	2.34462E-06	1.3856E-03
610574.43	4206113.03	87733.94454	0.00154	0.26297	2.27364E-06	1.5434E-03
610581.43	4206113.03	98374.1961	0.00173	0.25465	2.20170E-06	1.7302E-03
610588.43	4206113.03	111107.4918	0.00195	0.24625	2.12908E-06	1.9538E-03
610595.43	4206113.03	126608.7256	0.00222	0.23779	2.05593E-06	2.2260E-03
610602.43	4206113.03	145601.4954	0.00256	0.22931	1.98261E-06	2.5596E-03
610609.43	4206113.03	168383.8813	0.00296	0.22083	1.90930E-06	2.9597E-03
610616.43	4206113.03	192142.8678	0.00338	0.21238	1.83624E-06	3.3770E-03
610620	4206111.63	202654.8355	0.00356	0.20587	1.77995E-06	3.5616E-03
610767.12	4206212.39	299688.918	0.00526	0.08285	7.16321E-07	5.2650E-03
610770.43	4206113.03	294430.9435	0.00517	0.08172	7.06551E-07	5.1726E-03
610777.43	4206113.03	278417.9581	0.00489	0.07891	6.82255E-07	4.8913E-03
610784.43	4206113.03	251713.3262	0.00442	0.07629	6.59603E-07	4.4222E-03
610791.43	4206113.03	222342.4015	0.00391	0.07383	6.38334E-07	3.9062E-03
610798.43	4206113.03	195699.3832	0.00344	0.07153	6.18448E-07	3.4382E-03
610805.43	4206113.03	172843.2602	0.00304	0.06938	5.99859E-07	3.0367E-03
610812.43	4206113.03	153411.9092	0.00269	0.06734	5.82221E-07	2.6954E-03
610819.43	4206113.03	136850.9366	0.00240	0.06542	5.65621E-07	2.4045E-03
610833.43	4206113.03	110419.7935	0.00194	0.06189	5.35101E-07	1.9401E-03
610840.43	4206113.03	99812.24436	0.00175	0.06026	5.21008E-07	1.7538E-03
610847.43	4206113.03	90569.23945	0.00159	0.05871	5.07606E-07	1.5914E-03
610854.43	4206113.03	82477.58318	0.00145	0.05723	4.94810E-07	1.4493E-03
610861.43	4206113.03	75362.58709	0.00132	0.05582	4.82619E-07	1.3243E-03
610868.43	4206113.03	69088.4279	0.00121	0.05447	4.70947E-07	1.2139E-03
610875.43	4206113.03	63511.96779	0.00112	0.05318	4.59794E-07	1.1161E-03
610882.43	4206113.03	58557.74822	0.00103	0.05194	4.49073E-07	1.0291E-03
610889.43	4206113.03	54134.55611	0.00095	0.05076	4.38871E-07	9.5135E-04
610896.43	4206113.03	50172.1121	0.00088	0.04962	4.29014E-07	8.8174E-04
610903.43	4206113.03	46611.21116	0.00082	0.04853	4.19590E-07	8.1918E-04
610910.43	4206113.03	43401.1337	0.00076	0.04748	4.10512E-07	7.6278E-04
610917.43	4206113.03	40499.03435	0.00071	0.04647	4.01779E-07	7.1180E-04
610924.43	4206113.03	37867.81529	0.00067	0.04550	3.93393E-07	6.6557E-04
610931.43	4206113.03	35475.97175	0.00063	0.04457	3.85352E-07	6.2355E-04
610952.43	4206113.03	29481.06216	0.00052	0.04196	3.62786E-07	5.1822E-04
610959.43	4206113.03	27807.32407	0.00049	0.04115	3.55783E-07	4.8881E-04
610966.43	4206113.03	26267.96441	0.00046	0.04038	3.49125E-07	4.6177E-04
610973.43	4206113.03	24849.35	0.00044	0.03962	3.42554E-07	4.3684E-04
610980.43	4206113.03	23539.27068	0.00041	0.03890	3.36329E-07	4.1382E-04
610987.43	4206113.03	22327.41937	0.00039	0.03819	3.30191E-07	3.9253E-04
610994.43	4206113.03	21204.19248	0.00037	0.03751	3.24111E-07	3.7279E-04
611001.43	4206113.03	20161.41287	0.00035	0.03686	3.18091E-07	3.5447E-04
611008.43	4206113.03	19191.73678	0.00034	0.03622	3.13158E-07	3.3743E-04
611015.43	4206113.03	18288.50155	0.00032	0.03560	3.07797E-07	3.2156E-04
611022.43	4206113.03	17445.96622	0.00031	0.03500	3.02610E-07	3.0675E-04
611029.43	4206113.03	16658.93169	0.00029	0.03442	2.97599E-07	2.9292E-04
611036.43	4206113.03	15922.69421	0.00028	0.03386	2.92753E-07	2.7999E-04
611043.43	4206113.03	15232.98144	0.00027	0.03332	2.88085E-07	2.6787E-04
611050.43	4206113.03	14586.09516	0.00026	0.03279	2.83502E-07	2.5659E-04
611057.43	4206113.03	13978.51799	0.00025	0.03227	2.79006E-07	2.4582E-04
611064.43	4206113.03	13407.32418	0.00024	0.03177	2.74683E-07	2.3578E-04
611071.43	4206113.03	12869.60491	0.00023	0.03129	2.70533E-07	2.2633E-04
610294.43	4206120.03	6708.22892	0.00012	0.46209	3.99523E-06	1.2183E-04
610301.43	4206120.03	6980.12802	0.00012	0.46056	3.98200E-06	1.2659E-04
610308.43	4206120.03	7268.54586	0.00013	0.45895	3.96808E-06	1.3165E-04
610315.43	4206120.03	7574.68758	0.00013	0.45726	3.95347E-06	1.3701E-04
610322.43	4206120.03	7900.05102	0.00014	0.45548	3.93808E-06	1.4271E-04
610329.43	4206120.03	8246.1828	0.00014	0.45362	3.92200E-06	1.4877E-04
610336.43	4206120.03	8614.82394	0.00015	0.45165	3.90496E-06	1.5523E-04
610343.43	4206120.03	9007.84348	0.00016	0.44958	3.88707E-06	1.6212E-04
610350.43	4206120.03	9427.35512	0.00017	0.44740	3.86822E-06	1.6947E-04
610357.43	4206120.03	9875.67957	0.00017	0.44510	3.84833E-06	1.7732E-04
610364.43	4206120.03	10355.28743	0.00018	0.44267	3.82732E-06	1.8573E-04
610371.43	4206120.03	10869.08232	0.00019	0.44011	3.80519E-06	1.9473E-04
610378.43	4206120.03	11420.17388	0.00020	0.43742	3.78193E-06	2.0439E-04
610385.43	4206120.03	12012.02069	0.00021	0.43457	3.75729E-06	2.1476E-04
610392.43	4206120.03	12646.47783	0.00022	0.43157	3.73135E-06	2.2591E-04
610399.43	4206120.03	13333.76217	0.00023	0.42841	3.70403E-06	2.3792E-04
610406.43	4206120.03	14072.80679	0.00025	0.42508	3.67524E-06	2.5087E-04
610413.43	4206120.03	14870.7554	0.00026	0.42157	3.64488E-06	2.6486E-04
610420.43	4206120.03	15744.94703	0.00028	0.41807	3.61463E-06	2.8019E-04
610427.43	4206120.03	16690.94555	0.00029	0.41432	3.58221E-06	2.9677E-04
610444.43	4206120.03	17717.75278	0.00031	0.41034	3.54780E-06	3.1477E-04
610441.43	4206120.03	18835.7854	0.00033	0.40615	3.51157E-06	3.3438E-04
610448.43	4206120.03	20051.48176	0.00035	0.40170	3.47310E-06	3.5569E-04
610455.43	4206120.03	21379.66549	0.00038	0.39703	3.43272E-06	3.7898E-04
610462.43	4206120.03	22829.04836	0.00040	0.39210	3.39009E-06	4.0440E-04
610469.43	4206120.03	24418.77993	0.00043	0.38693	3.34539E-06	4.3228E-04
610476.43	4206120.03	26160.3683	0.00046	0.38148	3.29827E-06	4.6282E-04
610483.43	4206120.03	28078.24274	0.00049	0.37579	3.24908E-06	4.9646E-04
610497.43	4206120.03	32480.18529	0.00057	0.36355	3.14325E-06	5.7384E-04
610504.43	4206120.03	35050.91944	0.00062	0.35704	3.08697E-06	6.1878E-04
610511.43	4206120.03	37889.73768	0.00067	0.35027	3.02843E-06	6.6859E-04
610518.43	4206120.03	41050.19339	0.00072	0.34324	2.96765E-06	7.2404E-04
610525.43	4206120.03	44580.89087	0.00078	0.33595	2.90462E-06	7.8600E-04
610532.43	4206120.03	48540.71343	0.00085	0.32842	2.83952E-06	8.5549E-04
610539.43	4206120.03	53001.40069	0.00093	0.32064	2.77225E-06	9.3378E-04
610546.43	4206120.03	58052.0253	0.00102	0.31263	2.70300E-06	1.0224E-03
610553.43	4206120.03	63803.81463	0.00112	0.30441	2.63193E-06	1.1234E-03
610560.43	4206120.03	70409.07493	0.00124	0.29599	2.55913E-06	1.2393E-03
610567.43	4206120.03	78091.22744	0.00137	0.28741	2.48495E-06	1.3742E-03
610574.43	4206120.03	87080.30119	0.00153	0.27867	2.40938E-06	1.5320E-03
610581.43	4206120.03	97711.06181	0.00172	0.26979	2.33260E-06	1.7187E-03
610588.43	4206120.03	110431.6556	0.00194	0.26081	2.25496E-06	1.9421E-03
610595.43	4206120.03	125917.3583	0.00221	0.25176	2.17672E-06	2.2140E-03
610602.43	4206120.03	144911.4514	0.00255	0.24267	2.09812E-06	2.5476E-03
610609.43	4206120.03	167663.2446	0.00295	0.23357	2.01945E-06	2.9471E-03
610615.16	4206121.68	187159.7867	0.00329	0.22919	1.98158E-06	3.2896E-03
610618.73	4206123.84	197999.6312	0.00348	0.22848	1.97544E-06	3.4800E-03
610767.12	4206119.39	304888.4085	0.00536	0.08590	7.42691E-07	5.3563E-03
610770.43	4206120.03	299639.9273	0.00526	0.08473	7.32575E-07	5.2641E-03
610777.43	4206120.03	283403.283	0.00498	0.08178	7.07069E-07	4.9789E-03
610784.43	4206120.03	256677.504	0.00451	0.07903	6.83293E-07	4.5094E-03
610791.43	4206120.03	227397.1467	0.00399	0.07647	6.61159E-07	3.9951E-03
610798.43	4206120.03	200846.4521	0.00353	0.07406	6.40322E-07	3.5287E-03
610805.43	4206120.03	178028.402	0.00313	0.07181	6.20869E-07	3.1278E-03
610812.43	4206120.03	158581.8054	0.00279	0.06968	6.02453E-07	2.7862E-03
610819.43	4206120.03	141953.5419	0.00249	0.06768	5.85161E-07	2.4941E-03
610833.43	4206120.03	115262.1396	0.00202	0.06399	5.53257E-07	2.0252E-03
610840.43	4206120.03	104479.8101	0.00184	0.06229	5.38559E-07	1.8358E-03
610847.43	4206120.03	95043.46068	0.00167	0.06067	5.24553E-07	1.6700E-03
610854.43	4206120.03	86746.79932	0.00152	0.05913	5.11238E-07	1.5243E-03
610861.43	4206120.03	79421.15703	0.00140	0.05766	4.98528E-07	1.3956E-03
610868.43	4206120.03	72927.56675	0.00128	0.05625	4.86337E-07	1.2815E-03
610875.43	4206120.03	67150.32193	0.00118	0.05491	4.74752E-07	1.1800E-03
610882.43	4206120.03	61992.92335	0.00109	0.05362	4.63598E-07	1.0894E-03
610889.43	4206120.03	57373.77653	0.00101	0.05239	4.52964E-07	1.0083E-03
610896.43	4206120.03	53223.80819	0.00093	0.05120	4.42675E-07	9.3536E-04
610903.43	4206120.03	49484.5412	0.00087	0.05007	4.32905E-07	8.6967E-04
610910.43	4206120.03	46105.8207	0.00081	0.04898	4.23481E-07	8.1031E-04
610917.43	4206120.03	43044.54363	0.00076	0.04793	4.14403E-07	7.5652E-04
610924.43	4206120.03	40263.76419	0.00071	0.04692	4.05670E-07	7.0767E-04
610931.43	4206120.03	37731.68286	0.00066	0.04595	3.97283E-07	6.6318E-04
610952.43	4206120.03	31367.68111	0.00055	0.04325	3.73939E-07	5.5137E-04
610959.43	4206120.03	29586.77055	0.00052	0.04241	3.66677E-07	5.2008E-04
610966.43	4206120.03	27947.23187	0.00049	0.04161	3.59760E-07	4.9127E-04
610973.43	4206120.03	26435.08159	0.00046	0.04083	3.53016E-07	4.6470E-04
610980.43	4206120.03	25037.79771	0.00044	0.04007	3.46445E-07	4.4015E-04
610987.43	4206120.03	23744.40533	0.00042	0.03934	3.40133E-07	4.1743E-04
610994.43	4206120.03	22545.02684	0.00040	0.03864	3.34081E-07	3.9635E-04
611001.43	4206120.03	21431.10506	0.00038	0.03796	3.28202E-07	3.7678E-04
611008.43	4206120.03	20394.86684	0.00036	0.03730	3.22496E-07	3.5857E-04
611036.43	4206120.03	16899.67518	0.00030	0.03486	3.01399E-07	2.9716E-04
611043.43	4206120.03	16162.06435	0.00028	0.03429	2.96471E-07	2.8419E-04
611050.43	4206120.03	15470.15065	0.00027	0.03375	2.91802E-07	2.7204E-04
611057.43	4206120.03	14820.38616	0.00026	0.03321	2.87133E-07	2.6062E-04
611064.43	4206120.03	14209.44811	0.00025	0.03269	2.82638E-07	2.4988E-04
611071.43	4206120.03	13634.36725	0.00024	0.03219	2.78315E-07	2.3978E-04
611078.43	4206120.03	13092.41958	0.00023	0.03170	2.74078E-07	2.3025E-04
610294.43	4206127.03	6584.57868	0.00012	0.48519	4.19495E-06	1.1986E-04
610301.43	4206127.03	6850.10833	0.00012	0.48368	4.18189E-06	1.2451E-04
610308.43	4206127.03	7131.70321	0.00013	0.48209	4.16815E-06	1.2944E-04
610315.43	4206127.03	7430.60196	0.00013	0.48042	4.15371E-06	1.3468E-04
610322.43	4206127.03	7748.2784	0.00014	0.47866	4.13849E-06	1.4024E-04
610329.43	4206127.03	8086.23045	0.00014	0.47680	4.12241E-06	1.4616E-04
610336.43	4206127.03	8446.18403	0.00015	0.47485	4.10555E-06	1.5247E-04
610343.43	4206127.03	8830.00119	0.00016	0.47279	4.08774E-06	1.5919E-04
610350.43	4206127.03	9239.67975	0.00016	0.47061	4.06889E-06	1.6637E-04
610357.43	4206127.03	9677.54621	0.00017	0.46832	4.04909E-06	1.7404E-04
610364.43	4206127.03	10146.119	0.00018	0.46589	4.02808E-06	1.8225E-04
610371.43	4206127.03	10648.18021	0.00019	0.46333	4.00595E-06	1.9105E-04
610378.43	4206127.03	11186.76132	0.00020	0.46063	3.98260E-06	2.0049E-04
610385.43	4206127.03	11765.38316	0.00021	0.45777	3.95788E-06	2.1063E-04

610392.43	4206127.03	12387.8439	0.00022	0.45475	3.93177E-06	2.2153E-04
610399.43	4206127.03	13058.30178	0.00023	0.45157	3.90427E-06	2.3328E-04
610406.43	4206127.03	13781.57284	0.00024	0.44821	3.87522E-06	2.4596E-04
610413.43	4206127.03	14563.0517	0.00026	0.44466	3.84453E-06	2.5966E-04
610420.43	4206127.03	15418.35185	0.00027	0.44109	3.81366E-06	2.7465E-04
610427.43	4206127.03	16345.80982	0.00029	0.43729	3.78081E-06	2.9091E-04
610434.43	4206127.03	17351.59758	0.00030	0.43324	3.74579E-06	3.0854E-04
610441.43	4206127.03	18447.40879	0.00032	0.42896	3.70879E-06	3.2775E-04
610448.43	4206127.03	19641.61734	0.00035	0.42443	3.66962E-06	3.4869E-04
610455.43	4206127.03	20943.27503	0.00037	0.41964	3.62821E-06	3.7151E-04
610462.43	4206127.03	22369.11533	0.00039	0.41459	3.58454E-06	3.9651E-04
610469.43	4206127.03	23931.8355	0.00042	0.40928	3.53863E-06	4.2392E-04
610476.43	4206127.03	25648.00269	0.00045	0.40369	3.49030E-06	4.5402E-04
610483.43	4206127.03	27536.91429	0.00048	0.39782	3.43955E-06	4.8715E-04
610497.43	4206127.03	31898.23549	0.00056	0.38518	3.33026E-06	5.6365E-04
610504.43	4206127.03	34433.41554	0.00060	0.37842	3.27182E-06	6.0812E-04
610511.43	4206127.03	37250.53965	0.00065	0.37138	3.21095E-06	6.5754E-04
610518.43	4206127.03	40390.56344	0.00071	0.36405	3.14757E-06	7.1264E-04
610525.43	4206127.03	43897.17352	0.00077	0.35643	3.08169E-06	7.7417E-04
610532.43	4206127.03	47840.05006	0.00084	0.34854	3.01348E-06	8.4336E-04
610539.43	4206127.03	52286.80191	0.00092	0.34036	2.94275E-06	9.2140E-04
610546.43	4206127.03	57326.78569	0.00101	0.33193	2.86987E-06	1.0099E-03
610553.43	4206127.03	63072.37842	0.00111	0.32324	2.79473E-06	1.1107E-03
610560.43	4206127.03	69667.02087	0.00122	0.31432	2.71761E-06	1.2265E-03
610567.43	4206127.03	77342.00392	0.00136	0.30520	2.63876E-06	1.3612E-03
610574.43	4206127.03	86313.97688	0.00152	0.29589	2.55826E-06	1.5187E-03
610581.43	4206127.03	96909.66316	0.00170	0.28641	2.47630E-06	1.7048E-03
610588.43	4206127.03	109623.8489	0.00193	0.27681	2.39330E-06	1.9280E-03
610595.43	4206127.03	125080.4937	0.00220	0.26711	2.30943E-06	2.1994E-03
610602.43	4206127.03	144036.7213	0.00253	0.25734	2.22496E-06	2.5323E-03
610609.43	4206127.03	166798.8507	0.00293	0.24756	2.14040E-06	2.9321E-03
610616.43	4206127.03	190749.7003	0.00335	0.23779	2.05593E-06	3.3527E-03
610767.12	4206126.39	3092220.6931	0.00543	0.08916	7.70877E-07	5.4325E-03
610770.43	4206127.03	303988.1151	0.00534	0.08793	7.60242E-07	5.3405E-03
610777.43	4206127.03	287674.5507	0.00505	0.08484	7.33526E-07	5.0539E-03
610784.43	4206127.03	260863.4506	0.00458	0.08197	7.08712E-07	4.5830E-03
610791.43	4206127.03	231694.8551	0.00407	0.07928	6.85454E-07	4.0706E-03
610798.43	4206127.03	205271.2956	0.00361	0.07676	6.63667E-07	3.6064E-03
610805.43	4206127.03	182539.2662	0.00321	0.07440	6.43262E-07	3.2071E-03
610812.43	4206127.03	163127.1129	0.00287	0.07218	6.24068E-07	2.8661E-03
610819.43	4206127.03	146486.9415	0.00257	0.07009	6.05998E-07	2.5738E-03
610833.43	4206127.03	119650.7901	0.00210	0.06623	5.72624E-07	2.1023E-03
610840.43	4206127.03	108749.9916	0.00191	0.06445	5.57234E-07	1.9108E-03
610847.43	4206127.03	99173.49673	0.00174	0.06276	5.42623E-07	1.7426E-03
610854.43	4206127.03	90721.35698	0.00159	0.06115	5.28703E-07	1.5941E-03
610861.43	4206127.03	83229.79218	0.00146	0.05962	5.15474E-07	1.4625E-03
610868.43	4206127.03	76564.38393	0.00134	0.05815	5.02765E-07	1.3454E-03
610875.43	4206127.03	70613.54618	0.00124	0.05675	4.90606E-07	1.2409E-03
610882.43	4206127.03	65283.40191	0.00115	0.05541	4.79075E-07	1.1472E-03
610889.43	4206127.03	60494.58052	0.00106	0.05412	4.67921E-07	1.0631E-03
610896.43	4206127.03	56179.83118	0.00099	0.05289	4.57287E-07	9.8730E-04
610903.43	4206127.03	52281.74022	0.00092	0.05171	4.47084E-07	9.1881E-04
610910.43	4206127.03	48750.71525	0.00086	0.05057	4.37228E-07	8.5678E-04
610917.43	4206127.03	45544.40924	0.00080	0.04948	4.27804E-07	8.0045E-04
610924.43	4206127.03	42625.84121	0.00075	0.04843	4.18726E-07	7.4917E-04
610931.43	4206127.03	39963.2635	0.00070	0.04743	4.10080E-07	7.0239E-04
610952.43	4206127.03	33251.08525	0.00058	0.04462	3.85784E-07	5.8447E-04
610959.43	4206127.03	31367.54952	0.00055	0.04375	3.78262E-07	5.5137E-04
610966.43	4206127.03	29631.85483	0.00052	0.04291	3.71000E-07	5.2088E-04
610973.43	4206127.03	28029.34376	0.00049	0.04211	3.64083E-07	4.9272E-04
610980.43	4206127.03	26547.26034	0.00047	0.04132	3.57253E-07	4.6668E-04
610987.43	4206127.03	25174.3216	0.00044	0.04057	3.50768E-07	4.4256E-04
610994.43	4206127.03	23900.31814	0.00042	0.03984	3.44456E-07	4.2017E-04
611001.43	4206127.03	22716.52847	0.00040	0.03913	3.38318E-07	3.9937E-04
611008.43	4206127.03	21614.61607	0.00038	0.03845	3.32439E-07	3.8001E-04
611043.43	4206127.03	17109.17725	0.00030	0.03533	3.05463E-07	3.0084E-04
611050.43	4206127.03	16372.17961	0.00029	0.03476	3.00535E-07	2.8789E-04
611057.43	4206127.03	15679.96965	0.00028	0.03421	2.95779E-07	2.7573E-04
611064.43	4206127.03	15029.05432	0.00026	0.03367	2.91111E-07	2.6429E-04
611071.43	4206127.03	14416.34086	0.00025	0.03315	2.86615E-07	2.5352E-04
611078.43	4206127.03	13838.95409	0.00024	0.03264	2.82205E-07	2.4337E-04
611085.43	4206127.03	13294.2774	0.00023	0.03215	2.77969E-07	2.3388E-04
611092.43	4206127.03	12779.93464	0.00022	0.03166	2.73732E-07	2.2476E-04
610294.43	4206134.03	6459.94979	0.00011	0.51018	4.41101E-06	1.1788E-04
610301.43	4206134.03	6718.93587	0.00012	0.50868	4.39804E-06	1.2242E-04
610308.43	4206134.03	6993.52205	0.00012	0.50711	4.38447E-06	1.2723E-04
610315.43	4206134.03	7285.04289	0.00013	0.50545	4.37012E-06	1.3234E-04
610322.43	4206134.03	7594.83206	0.00013	0.50371	4.35507E-06	1.3776E-04
610329.43	4206134.03	7924.3933	0.00014	0.50187	4.33917E-06	1.4354E-04
610336.43	4206134.03	8275.37744	0.00015	0.49994	4.32248E-06	1.4969E-04
610343.43	4206134.03	8649.57988	0.00015	0.49789	4.30475E-06	1.5624E-04
610350.43	4206134.03	9049.11298	0.00016	0.49573	4.28608E-06	1.6324E-04
610357.43	4206134.03	9476.15237	0.00017	0.49344	4.26628E-06	1.7072E-04
610364.43	4206134.03	9933.22229	0.00017	0.49102	4.24536E-06	1.7873E-04
610371.43	4206134.03	10422.93204	0.00018	0.48846	4.22322E-06	1.8731E-04
610378.43	4206134.03	10948.44473	0.00019	0.48575	4.19979E-06	1.9652E-04
610385.43	4206134.03	11513.1822	0.00020	0.48288	4.17498E-06	2.0641E-04
610392.43	4206134.03	12120.74889	0.00021	0.47985	4.14878E-06	2.1706E-04
610399.43	4206134.03	12775.55103	0.00022	0.47664	4.12103E-06	2.2853E-04
610406.43	4206134.03	13482.1229	0.00024	0.47325	4.09172E-06	2.4092E-04
610413.43	4206134.03	14245.86336	0.00025	0.46967	4.06076E-06	2.5438E-04
610420.43	4206134.03	15080.97798	0.00026	0.46605	4.02947E-06	2.6894E-04
610427.43	4206134.03	15987.02766	0.00028	0.46218	3.99601E-06	2.8482E-04
610434.43	4206134.03	16971.54388	0.00030	0.45807	3.96047E-06	3.0208E-04
610441.43	4206134.03	18043.31799	0.00032	0.45371	3.92277E-06	3.2087E-04
610448.43	4206134.03	19212.07016	0.00034	0.44909	3.88283E-06	3.4136E-04
610455.43	4206134.03	20488.85525	0.00036	0.44420	3.84055E-06	3.6374E-04
610462.43	4206134.03	21886.43224	0.00038	0.43904	3.79594E-06	3.8825E-04
610469.43	4206134.03	23419.30384	0.00041	0.43359	3.74882E-06	4.1513E-04
610476.43	4206134.03	25104.2405	0.00044	0.42785	3.69919E-06	4.4467E-04
610483.43	4206134.03	26962.24539	0.00047	0.42180	3.64688E-06	4.7722E-04
610497.43	4206134.03	31266.81624	0.00055	0.40876	3.53414E-06	5.5276E-04
610504.43	4206134.03	33770.73605	0.00059	0.40176	3.47361E-06	5.9668E-04
610511.43	4206134.03	36560.80323	0.00064	0.39445	3.41041E-06	6.4563E-04
610518.43	4206134.03	39669.84888	0.00070	0.38681	3.34436E-06	7.0017E-04
610525.43	4206134.03	43156.95349	0.00076	0.37885	3.27554E-06	7.6136E-04
610532.43	4206134.03	47077.38259	0.00083	0.37058	3.20403E-06	8.3015E-04
610539.43	4206134.03	51497.34598	0.00090	0.36199	3.12976E-06	9.0772E-04
610546.43	4206134.03	56520.01464	0.00099	0.35310	3.05290E-06	9.9587E-04
610553.43	4206134.03	62243.59759	0.00109	0.34391	2.97344E-06	1.0963E-03
610560.43	4206134.03	68828.6582	0.00121	0.33446	2.89174E-06	1.2119E-03
610567.43	4206134.03	76477.44236	0.00134	0.32476	2.80787E-06	1.3462E-03
610574.43	4206134.03	85422.79991	0.00150	0.31483	2.72202E-06	1.5031E-03
610581.43	4206134.03	96004.05198	0.00169	0.30471	2.63452E-06	1.6890E-03
610588.43	4206134.03	108684.6724	0.00191	0.29442	2.54555E-06	1.9117E-03
610595.43	4206134.03	124119.8703	0.00218	0.28401	2.45555E-06	2.1827E-03
610602.43	4206134.03	143038.0854	0.00251	0.27351	2.36477E-06	2.5149E-03
610609.43	4206134.03	165755.4285	0.00291	0.26296	2.27355E-06	2.9139E-03
610616.43	4206134.03	189800.2188	0.00333	0.25242	2.18242E-06	3.3362E-03
610767.12	4206133.39	312866.5694	0.00550	0.09266	8.01138E-07	5.4965E-03
610770.43	4206134.03	307716.7539	0.00541	0.09137	7.89985E-07	5.4061E-03
610777.43	4206134.03	291143.425	0.00511	0.08812	7.61885E-07	5.1149E-03
610784.43	4206134.03	264367.6897	0.00464	0.08510	7.35774E-07	4.6445E-03
610791.43	4206134.03	235329.8363	0.00413	0.08229	7.11479E-07	4.1345E-03
610798.43	4206134.03	209065.5483	0.00367	0.07965	6.88654E-07	3.6731E-03
610805.43	4206134.03	186448.5922	0.00328	0.07718	6.67298E-07	3.2758E-03
610812.43	4206134.03	167108.9281	0.00294	0.07485	6.47153E-07	2.9360E-03
610833.43	4206134.03	123608.4609	0.00217	0.06863	5.93375E-07	2.1719E-03
610840.43	4206134.03	112636.7808	0.00198	0.06676	5.77207E-07	1.9791E-03
610847.43	4206134.03	102964.7363	0.00181	0.06500	5.61990E-07	1.8092E-03
610854.43	4206134.03	94399.10657	0.00166	0.06331	5.47378E-07	1.6587E-03
610861.43	4206134.03	86781.08814	0.00152	0.06171	5.33544E-07	1.5249E-03
610868.43	4206134.03	79980.17455	0.00140	0.06017	5.20230E-07	1.4054E-03
610875.43	4206134.03	73887.87376	0.00130	0.05871	5.07606E-07	1.2984E-03
610882.43	4206134.03	68413.89252	0.00120	0.05731	4.95502E-07	1.2022E-03
610889.43	4206134.03	63480.95425	0.00112	0.05597	4.83916E-07	1.1156E-03
610896.43	4206134.03	59023.83495	0.00104	0.05469	4.72849E-07	1.0373E-03
610903.43	4206134.03	54986.3103	0.00097	0.05345	4.62128E-07	9.6634E-04
610910.43	4206134.03	51319.908	0.00090	0.05227	4.51926E-07	9.0192E-04
610917.43	4206134.03	47982.99862	0.00084	0.05114	4.42156E-07	8.4330E-04
610924.43	4206134.03	44939.19242	0.00079	0.05005	4.32732E-07	7.8982E-04
610931.43	4206134.03	42157.02546	0.00074	0.04900	4.23654E-07	7.4094E-04
610952.43	4206134.03	35119.97801	0.00062	0.04608	3.98407E-07	6.1731E-04
610959.43	4206134.03	33139.47062	0.00058	0.04518	3.90626E-07	5.8251E-04
610966.43	4206134.03	31312.07643	0.00055	0.04431	3.83104E-07	5.5040E-04
610973.43	4206134.03	29623.01959	0.00052	0.04347	3.75841E-07	5.2073E-04
610980.43	4206134.03	28059.52895	0.00049	0.04266	3.68838E-07	4.9326E-04
610987.43	4206134.03	26609.71699	0.00047	0.04187	3.62008E-07	4.6778E-04
610994.43	4206134.03	25263.35467	0.00044	0.04111	3.55437E-07	4.4412E-04
611001.43	4206134.03	24011.29879	0.00042	0.04038	3.49125E-07	4.2213E-04
611008.43	4206134.03	22845.21025	0.00040	0.03967	3.42987E-07	4.0164E-04
611036.43	4206134.03	18903.82837	0.00033	0.03704	3.20248E-07	3.3238E-04
611043.43	4206134.03	18070.6197	0.00032	0.03643	3.14974E-07	3.1774E-04
611050.43	4206134.03	17288.70626	0.00030	0.03584	3.09872E-07	3.0400E-04
611057.43	4206134.03	16554.14356	0.00029	0.03527	3.04944E-07	2.9109E-04
611064.43	4206134.03	15863.3362	0.00028	0.03471	3.00102E-07	2.7895E-04
611071.43	4206134.03	15212.89737	0.00027	0.03416	2.95347E-07	2.6752E-04
611078.43	4206134.03	14599.88205	0.00026	0.03363	2.90765E-07	2.5679E-04
611085.43	4206134.03	14021.51851	0.00025	0.03312	2.86355E-07	2.4658E-04
611092.43	4206134.03	13475.39297	0.00024	0.03262	2.82032E-07	2.3699E-04
610294.43	4206141.03	6334.52466	0.00011	0.53727	4.64523E-06	1.1592E-04
610301.43	4206141.03	6586.83806	0.00012	0.53579	4.63244E-06	1.2034E-04
610308.43	4206141.03	6854.38574	0.00012	0.53424	4.61904E-06	1.2502E-04
610315.43	4206141.03	7138.32868	0.00013	0.53261	4.60494E-06	1.2999E-04
610322.43	4206141.03	7440.02063	0.00013	0.53089	4.59007E-06	1.3528E-04
610329.43	4206141.03	7760.94169	0.00014	0.52907	4.57434E-06	1.4090E-04
610336.43	4206141.03	8102.70696	0.00014	0.52715	4.55774E-06	1.4688E-04
610343.43	4206141.03	8467.13215	0.00015	0.52512	4.54018E-06	1.5327E-04
610350.43	4206141.03	8856.19238	0.00016	0.52297	4.52160E-06	1.6009E-04
610357.43	4206141.03	9272.02372	0.00016	0.52069	4.50188E-06	1.6737E-04
610364.43	4206141.03	9717.0749	0.00017	0.51828	4.48105E-06	1.7517E-04
610371.43	4206141.03	10194.06882	0.00018	0.51572	4.45891E-06	1.8353E-04
610378.43	4206141.03	10705.95653	0.00019	0.51301	4.43548E-06	1.9249E-04
610385.43	4206141.03	11256.08587	0.00020	0.51014	4.41067E-06	2.0213E-04
610392.43	4206141.03	11848.19765	0.00021	0.50710	4.38438E-06	2.1251E-04
610399.43	4206141.03	12486.4164	0.00022	0.50387	4.35646E-06	2.2369E-04
610406.43	4206141.03	13175.43592	0.00023	0.50046	4.32697E-06	2.3576E-04
610413.43	4206141.03	13920.34039	0.00024	0.49684	4.29568E-06	2.4882E-04
610420.43	4206141.03	14735.38574	0.00026	0.49319	4.26412E-06	2.6310E-04
610427.43	4206141.03	15618.72401	0.00027	0.48925	4.23005E-06	2.7858E-04
610434.43	4206141.03	16579.03435	0.00029	0.48507	4.19391E-06	2.9542E-04
610441.43	4206141.03	17624.94838	0.00031	0.48063	4.15552E-06	3.1375E-04
610448.43	4206141.03	18768.11664	0.00033	0.47593	4.11489E-06	3.3379E-04
610455.43	4206141.03	20015.97041	0.00035	0.47094	4.07174E-06	3.5567E-04
610462.43	4206141.03	21382.81712	0.00038	0.46566	4.02609E-06	3.7963E-04
610469.43	4206141.03	22883.15462	0.00040	0.46008	3.97785E-06	4.0594E-04
610476.43	4206141.03	24536.3057	0.00043	0.45419	3.92692E-06	4.3493E-04
610483.43	4206141.03	26356.36204	0.00046	0.44798	3.87323E-06	4.6684E-04
610497.43	4206141.03	30592.92099	0.00054	0.43453	3.75694E-06	5.4114E-04
610504.43	4206141.03	33068.54894	0.00058	0.42730	3.69443E-06	5.8457E-04
610511.43	4206141.03	35822.30639	0.00063	0.41970	3.62872E-06	6.3287E-04
610518.43	4206141.03	38899.84302	0.00068	0.41175	3.55999E-06	6.8686E-04
610525.43	4206141.03	42356.20172	0.00074	0.40344	3.48814E-06	7.4751E-04
610532.43	4206141.03	46241.4989	0.00081	0.39477	3.41318E-06	8.1568E-04
610539.43	4206141.03	50634.02247	0.00089	0.38575	3.33519E-06	8.9276E-04
610546.43	4206141.03	55624.23506	0.00098	0.37638	3.25418E-06	9.8033E-04

610553.43	4206141.03	61325.98164	0.00108	0.36668	3.17031E-06	1.0804E-03
610560.43	4206141.03	67893.99242	0.00119	0.35666	3.08368E-06	1.1957E-03
610567.43	4206141.03	75508.81878	0.00133	0.34634	2.99445E-06	1.3294E-03
610574.43	4206141.03	84433.11314	0.00148	0.33575	2.90289E-06	1.4868E-03
610581.43	4206141.03	94980.42692	0.00167	0.32492	2.80926E-06	1.6712E-03
610588.43	4206141.03	107440.7801	0.00189	0.31389	2.71388E-06	1.8935E-03
610595.43	4206141.03	122989.6028	0.00216	0.30269	2.61706E-06	2.1630E-03
610602.43	4206141.03	141870.8265	0.00249	0.29137	2.51918E-06	2.4946E-03
610609.43	4206141.03	164507.8827	0.00289	0.27999	2.42078E-06	2.8921E-03
610616.43	4206141.03	188418.643	0.00331	0.26858	2.32214E-06	3.3120E-03
610770.43	4206141.03	310822.4641	0.00546	0.09506	8.21888E-07	5.4606E-03
610777.43	4206141.03	294038.2234	0.00516	0.09165	7.92405E-07	5.1658E-03
610784.43	4206141.03	267279.7885	0.00469	0.08847	7.64911E-07	4.6957E-03
610791.43	4206141.03	238390.8755	0.00419	0.08551	7.39319E-07	4.1882E-03
610798.43	4206141.03	212306.061	0.00373	0.08275	7.15456E-07	3.7300E-03
610805.43	4206141.03	189827.369	0.00333	0.08015	6.92977E-07	3.3351E-03
610812.43	4206141.03	170586.8619	0.00300	0.07771	6.71880E-07	2.9972E-03
610833.43	4206141.03	127164.8882	0.00223	0.07118	6.15422E-07	2.2344E-03
610840.43	4206141.03	116157.4164	0.00204	0.06924	5.98649E-07	2.0410E-03
610847.43	4206141.03	106427.3091	0.00187	0.06738	5.82567E-07	1.8701E-03
610854.43	4206141.03	97784.29811	0.00172	0.06562	5.67350E-07	1.7182E-03
610861.43	4206141.03	90073.60008	0.00158	0.06394	5.53825E-07	1.5828E-03
610868.43	4206141.03	83168.93416	0.00146	0.06234	5.38991E-07	1.4615E-03
610875.43	4206141.03	76965.03851	0.00135	0.06081	5.25763E-07	1.3525E-03
610882.43	4206141.03	71373.71075	0.00125	0.05935	5.13140E-07	1.2542E-03
610889.43	4206141.03	66320.84472	0.00116	0.05795	5.01035E-07	1.1655E-03
610896.43	4206141.03	61742.67507	0.00108	0.05661	4.89450E-07	1.0850E-03
610903.43	4206141.03	57584.77563	0.00101	0.05532	4.78296E-07	1.0120E-03
610910.43	4206141.03	53799.91539	0.00095	0.05409	4.67662E-07	9.4550E-04
610917.43	4206141.03	50347.2147	0.00088	0.05291	4.57460E-07	8.8484E-04
610924.43	4206141.03	47190.97014	0.00083	0.05177	4.47603E-07	8.2939E-04
610931.43	4206141.03	44300.31798	0.00078	0.05068	4.38179E-07	7.7861E-04
610952.43	4206141.03	36963.82644	0.00065	0.04764	4.11895E-07	6.4071E-04
610959.43	4206141.03	34892.50525	0.00061	0.04670	4.03768E-07	6.1332E-04
610966.43	4206141.03	32978.74365	0.00058	0.04580	3.95987E-07	5.7969E-04
610973.43	4206141.03	31207.79779	0.00055	0.04492	3.88378E-07	5.4858E-04
610980.43	4206141.03	29566.5	0.00052	0.04408	3.81115E-07	5.1974E-04
610987.43	4206141.03	28043.0684	0.00049	0.04326	3.74026E-07	4.9297E-04
610994.43	4206141.03	26627.18696	0.00047	0.04247	3.67195E-07	4.6809E-04
611001.43	4206141.03	25309.21892	0.00044	0.04171	3.60624E-07	4.4494E-04
611008.43	4206148.03	24080.8258	0.00042	0.04097	3.54226E-07	4.2335E-04
611015.43	4206148.03	22934.50892	0.00040	0.04025	3.48001E-07	4.0321E-04
611036.43	4206141.03	19922.62408	0.00035	0.03823	3.30536E-07	3.5029E-04
611043.43	4206141.03	19042.43681	0.00033	0.03760	3.25089E-07	3.3482E-04
611050.43	4206141.03	18216.18194	0.00032	0.03698	3.19729E-07	3.2036E-04
611057.43	4206141.03	17439.67324	0.00031	0.03639	3.14628E-07	3.0666E-04
611064.43	4206141.03	16709.1033	0.00029	0.03580	3.09527E-07	2.9382E-04
611071.43	4206141.03	16021.15031	0.00028	0.03524	3.04685E-07	2.8173E-04
611078.43	4206141.03	15372.62308	0.00027	0.03469	2.99930E-07	2.7033E-04
611085.43	4206141.03	14760.69097	0.00026	0.03415	2.95261E-07	2.5958E-04
611092.43	4206141.03	14182.72832	0.00025	0.03363	2.90765E-07	2.4942E-04
610294.43	4206148.03	6208.58794	0.00011	0.05674	4.90003E-06	1.1396E-04
610301.43	4206148.03	6454.14622	0.00011	0.05529	4.88749E-06	1.1826E-04
610308.43	4206148.03	6714.43555	0.00012	0.05376	4.87427E-06	1.2282E-04
610315.43	4206148.03	6990.66835	0.00012	0.05215	4.86035E-06	1.2766E-04
610322.43	4206148.03	7284.16699	0.00013	0.05045	4.84565E-06	1.3280E-04
610329.43	4206148.03	7596.30003	0.00013	0.05866	4.83017E-06	1.3826E-04
610336.43	4206148.03	7928.68574	0.00014	0.05676	4.81374E-06	1.4409E-04
610343.43	4206148.03	8283.05003	0.00015	0.05475	4.79637E-06	1.5029E-04
610350.43	4206148.03	8661.31963	0.00015	0.05262	4.77795E-06	1.5692E-04
610357.43	4206148.03	9065.68037	0.00016	0.05035	4.75832E-06	1.6400E-04
610364.43	4206148.03	9498.39695	0.00017	0.04795	4.73757E-06	1.7158E-04
610371.43	4206148.03	9962.15644	0.00017	0.04540	4.71553E-06	1.7971E-04
610378.43	4206148.03	10459.94386	0.00018	0.04269	4.69210E-06	1.8843E-04
610385.43	4206148.03	10995.01037	0.00019	0.03981	4.66719E-06	1.9780E-04
610392.43	4206148.03	11571.00506	0.00020	0.03676	4.64082E-06	2.0789E-04
610399.43	4206148.03	12191.88815	0.00021	0.03352	4.61281E-06	2.1877E-04
610406.43	4206148.03	12862.42194	0.00023	0.03008	4.58307E-06	2.3052E-04
610413.43	4206148.03	13587.66415	0.00024	0.02644	4.55160E-06	2.4323E-04
610420.43	4206148.03	14380.17117	0.00025	0.02273	4.51952E-06	2.5712E-04
610427.43	4206148.03	15239.3309	0.00027	0.01873	4.48494E-06	2.7217E-04
610434.43	4206148.03	16175.42855	0.00028	0.01451	4.44845E-06	2.8858E-04
610441.43	4206148.03	17193.87907	0.00030	0.00999	4.40937E-06	3.0643E-04
610448.43	4206148.03	18307.65569	0.00032	0.00521	4.36804E-06	3.2596E-04
610455.43	4206148.03	19524.18887	0.00034	0.00011	4.32395E-06	3.4728E-04
610462.43	4206148.03	20859.97264	0.00037	0.49473	4.27743E-06	3.7070E-04
610469.43	4206148.03	22327.5567	0.00039	0.48903	4.22815E-06	3.9643E-04
610476.43	4206148.03	23940.84472	0.00042	0.48299	4.17593E-06	4.2471E-04
610483.43	4206148.03	25724.1084	0.00045	0.47662	4.12085E-06	4.5598E-04
610497.43	4206148.03	29886.05228	0.00053	0.46278	4.00119E-06	5.2897E-04
610504.43	4206148.03	32320.74728	0.00057	0.45530	3.93652E-06	5.7167E-04
610511.43	4206148.03	35036.9866	0.00062	0.44743	3.86848E-06	6.1932E-04
610518.43	4206148.03	38076.85037	0.00067	0.43916	3.79698E-06	6.7264E-04
610525.43	4206148.03	41490.85426	0.00073	0.43049	3.72201E-06	7.3254E-04
610532.43	4206148.03	45339.60849	0.00080	0.42142	3.64360E-06	8.0007E-04
610539.43	4206148.03	49697.26134	0.00087	0.41195	3.56172E-06	8.7653E-04
610546.43	4206148.03	54655.17551	0.00096	0.40208	3.47638E-06	9.6353E-04
610553.43	4206148.03	60328.0319	0.00106	0.39182	3.38767E-06	1.0631E-03
610560.43	4206148.03	66861.93663	0.00117	0.38120	3.29585E-06	1.1778E-03
610567.43	4206148.03	74434.45227	0.00131	0.37021	3.20083E-06	1.3107E-03
610574.43	4206148.03	83316.67979	0.00146	0.35891	3.10313E-06	1.4666E-03
610581.43	4206148.03	93836.33955	0.00165	0.34731	3.00284E-06	1.6513E-03
610588.43	4206148.03	106451.2471	0.00187	0.33546	2.90039E-06	1.8728E-03
610595.43	4206148.03	121741.9516	0.00214	0.32341	2.79620E-06	2.1413E-03
610602.43	4206148.03	140509.9121	0.00247	0.31119	2.69055E-06	2.4709E-03
610609.43	4206148.03	163192.4044	0.00287	0.29887	2.58403E-06	2.8692E-03
610616.43	4206148.03	187050.9419	0.00329	0.28651	2.47716E-06	3.2882E-03
610770.43	4206148.03	313408.8815	0.00551	0.09903	8.56213E-07	5.5061E-03
610777.43	4206148.03	296426.8163	0.00521	0.09543	8.25087E-07	5.2078E-03
610784.43	4206148.03	269670.192	0.00474	0.09209	7.96210E-07	4.7378E-03
610791.43	4206148.03	240954.7404	0.00423	0.08898	7.69321E-07	4.2333E-03
610798.43	4206148.03	215059.5523	0.00378	0.08607	7.44161E-07	3.7784E-03
610805.43	4206148.03	192737.7409	0.00339	0.08334	7.20557E-07	3.3863E-03
610812.43	4206148.03	173614.1773	0.00305	0.08078	6.98423E-07	3.0504E-03
610840.43	4206148.03	119333.3458	0.00210	0.07188	6.21474E-07	2.0968E-03
610847.43	4206148.03	109575.4751	0.00192	0.06994	6.04701E-07	1.9254E-03
610854.43	4206148.03	100884.9307	0.00177	0.06810	5.88792E-07	1.7727E-03
610861.43	4206148.03	93111.15899	0.00164	0.06634	5.73575E-07	1.6361E-03
610868.43	4206148.03	86130.28295	0.00151	0.06466	5.59050E-07	1.5135E-03
610875.43	4206148.03	79840.6208	0.00140	0.06306	5.45216E-07	1.4036E-03
610882.43	4206148.03	74156.66798	0.00130	0.06153	5.31988E-07	1.3031E-03
610889.43	4206148.03	69005.86124	0.00121	0.06007	5.19363E-07	1.2127E-03
610896.43	4206148.03	64327.02652	0.00113	0.05867	5.07261E-07	1.1305E-03
610903.43	4206148.03	60066.86486	0.00106	0.05732	4.95588E-07	1.0556E-03
610910.43	4206148.03	56179.83417	0.00099	0.05604	4.84522E-07	9.8732E-04
610917.43	4206148.03	52625.90888	0.00092	0.05480	4.73801E-07	9.2488E-04
610924.43	4206148.03	49370.14803	0.00087	0.05362	4.63598E-07	8.6769E-04
610931.43	4206148.03	46382.4337	0.00081	0.05248	4.53742E-07	8.1520E-04
610952.43	4206148.03	38773.02439	0.00068	0.04931	4.26334E-07	6.8150E-04
610959.43	4206148.03	36617.52543	0.00064	0.04833	4.17861E-07	6.4363E-04
610966.43	4206148.03	34623.27708	0.00061	0.04739	4.09734E-07	6.0859E-04
610973.43	4206148.03	32775.3999	0.00058	0.04648	4.01866E-07	5.7613E-04
610980.43	4206148.03	31060.70026	0.00055	0.04560	3.94257E-07	5.4600E-04
610987.43	4206148.03	29467.43767	0.00052	0.04475	3.86908E-07	5.1800E-04
610994.43	4206148.03	27985.02215	0.00049	0.04392	3.79732E-07	4.9196E-04
611001.43	4206148.03	26603.88565	0.00047	0.04313	3.72902E-07	4.6769E-04
611008.43	4206148.03	25315.69688	0.00044	0.04236	3.66244E-07	4.4500E-04
611015.43	4206148.03	24112.43869	0.00042	0.04161	3.59768E-07	4.2391E-04
611029.43	4206148.03	21934.05151	0.00039	0.04018	3.47396E-07	3.8564E-04
611036.43	4206148.03	20946.93234	0.00037	0.03950	3.41517E-07	3.6829E-04
611043.43	4206148.03	20020.77628	0.00035	0.03884	3.35810E-07	3.5202E-04
611050.43	4206148.03	19150.91439	0.00034	0.03820	3.30277E-07	3.3673E-04
611057.43	4206148.03	18333.02416	0.00032	0.03758	3.24916E-07	3.2236E-04
611064.43	4206148.03	17563.3401	0.00031	0.03697	3.19642E-07	3.0883E-04
611071.43	4206148.03	16838.24598	0.00030	0.03638	3.14541E-07	2.9609E-04
611078.43	4206148.03	16154.50778	0.00028	0.03580	3.09527E-07	2.8408E-04
611085.43	4206148.03	15509.14239	0.00027	0.03525	3.04771E-07	2.7273E-04
611092.43	4206148.03	14899.49892	0.00026	0.03470	3.00016E-07	2.6202E-04
610294.43	4206155.03	6082.27496	0.00011	0.59891	5.17817E-06	1.1202E-04
610301.43	4206155.03	6320.99133	0.00011	0.59748	5.16583E-06	1.1620E-04
610308.43	4206155.03	6573.99942	0.00012	0.59598	5.15284E-06	1.2063E-04
610315.43	4206155.03	6842.45131	0.00012	0.59440	5.13918E-06	1.2533E-04
610322.43	4206155.03	7127.58815	0.00013	0.59273	5.12474E-06	1.3033E-04
610329.43	4206155.03	7430.79914	0.00013	0.59096	5.10944E-06	1.3564E-04
610336.43	4206155.03	7753.61404	0.00014	0.58908	5.09318E-06	1.4129E-04
610343.43	4206155.03	8097.74633	0.00014	0.58710	5.07606E-06	1.4732E-04
610350.43	4206155.03	8465.02556	0.00015	0.58498	5.05773E-06	1.5375E-04
610357.43	4206155.03	8857.60228	0.00016	0.58274	5.03837E-06	1.6063E-04
610364.43	4206155.03	9277.72204	0.00016	0.58035	5.01779E-06	1.6798E-04
610371.43	4206155.03	9728.01822	0.00017	0.57781	4.99574E-06	1.7588E-04
610378.43	4206155.03	10211.28192	0.00018	0.57510	4.97231E-06	1.8434E-04
610385.43	4206155.03	10730.74223	0.00019	0.57222	4.94741E-06	1.9344E-04
610392.43	4206155.03	11289.95361	0.00020	0.56916	4.92095E-06	2.0324E-04
610399.43	4206155.03	11893.0303	0.00021	0.56591	4.89286E-06	2.1380E-04
610406.43	4206155.03	12544.28891	0.00022	0.56245	4.86294E-06	2.2521E-04
610413.43	4206155.03	13248.85836	0.00023	0.55878	4.83121E-06	2.3756E-04
610420.43	4206155.03	14017.96811	0.00025	0.55502	4.79870E-06	2.5103E-04
610427.43	4206155.03	14853.25893	0.00026	0.55099	4.76386E-06	2.6567E-04
610434.43	4206155.03	15762.29048	0.00028	0.54670	4.72677E-06	2.8160E-04
610441.43	4206155.03	16751.72604	0.00029	0.54210	4.68699E-06	2.9894E-04
610448.43	4206155.03	17834.37442	0.00031	0.53723	4.64489E-06	3.1792E-04
610455.43	4206155.03	19019.53303	0.00033	0.53206	4.60019E-06	3.3869E-04
610462.43	4206155.03	20319.82264	0.00036	0.52657	4.55272E-06	3.6149E-04
610469.43	4206155.03	21749.54118	0.00038	0.52075	4.50240E-06	3.8655E-04
610476.43	4206155.03	23325.11542	0.00041	0.51457	4.44897E-06	4.1417E-04
610483.43	4206155.03	25065.7293	0.00044	0.50803	4.39242E-06	4.4469E-04
610497.43	4206155.03	29144.56739	0.00051	0.49383	4.26965E-06	5.1622E-04
610504.43	4206155.03	31533.53397	0.00055	0.48610	4.20282E-06	5.5811E-04
610511.43	4206155.03	34206.50884	0.00060	0.47796	4.13244E-06	6.0499E-04
610518.43	4206155.03	37202.6761	0.00065	0.46937	4.05817E-06	6.5755E-04
610525.43	4206155.03	40573.02567	0.00071	0.46033	3.98001E-06	7.1667E-04
610532.43	4206155.03	44372.74698	0.00078	0.45084	3.89796E-06	7.8334E-04
610539.43	4206155.03	48687.79945	0.00086	0.44090	3.81202E-06	8.5905E-04
610546.43	4206155.03	53605.26028	0.00094	0.43052	3.72227E-06	9.4534E-04
610553.43	4206155.03	59231.88843	0.00104	0.41968	3.62859E-06	1.0441E-03
610560.43	4206155.03	65731.32399	0.00115	0.40841	3.53111E-06	1.1581E-03
610567.43	4206155.03	73263.52619	0.00129	0.39672	3.43004E-06	1.2904E-03
610574.43	4206155.03	82096.01931	0.00144	0.38465	3.32568E-06	1.4454E-03
610581.43	4206155.03	92565.49336	0.00163	0.37222	3.21821E-06	1.6292E-03
610588.43	4206155.03	105127.6751	0.00185	0.35948	3.10806E-06	1.8498E-03
610595.43	4206155.03	120386.9187	0.00211	0.34648	2.99566E-06	2.1177E-03
610602.43	4206155.03	139071.0871	0.00244	0.33327	2.88145E-06	2.4458E-03
610609.43	4206155.03	161683.5219	0.00284	0.31991	2.76594E-06	2.8429E-03
610616.43	4206155.03	185527.7286	0.00326	0.30648	2.64982E-06	3.2616E-03
610770.43	4206155.03	315399.9179	0.00554	0.10331	8.93218E-07	5.5411E-03
610777.43	4206155.03	298359.0906	0.00524	0.09952	8.60449E-07	5.2418E-03
610784.43	4206155.03	271618.6504	0.00477	0.09600	8.30016E-07	4.7720E-03
610791.43	4206155.03	243089.62	0.00427	0.09272	8.01657E-07	4.2708E-03
610798.43	4206155.03	217387.9439	0.00382	0.08965	7.75113E-07	3.8194E-03
610805.43	4206155.03	195231.1943	0.00343	0.08678	7.50299E-07	3.4301E-03
610812.43	4206155.03	176238.3067	0.00310	0.08409	7.27042E-07	3.0965E-03
610840.43	4206155.03	122187.6725	0.00215	0.07473	6.46115E-07	2.1470E-03
610847.43	4206155.03	112426.0523	0.00197	0.07269	6.28477E-07	1.9755E-03
610854.43	4206155.03	103712.9392	0.00182	0.07075	6.11704E-07	1.8224E-03
610861.43	4206155.03	95899.92499	0.00168	0.06891	5.95796E-07	1.6851E-03
610868.43	4206155.03	88867.15557	0.00156	0.06715	5.80579E-07	1.5616E-03

610875.43	4206155.03	82514.61757	0.00145	0.06547	5.66053E-07	1.4500E-03
610882.43	4206155.03	76759.28675	0.00135	0.06387	5.52220E-07	1.3489E-03
610889.43	4206155.03	71531.15412	0.00126	0.06234	5.38991E-07	1.2578E-03
610896.43	4206155.03	66770.03643	0.00117	0.06088	5.26368E-07	1.1764E-03
610903.43	4206155.03	62424.9313	0.00110	0.05947	5.14177E-07	1.0971E-03
610910.43	4206155.03	58451.19752	0.00103	0.05813	5.02592E-07	1.0272E-03
610917.43	4206155.03	54810.00796	0.00096	0.05684	4.91438E-07	9.6327E-04
610924.43	4206155.03	51467.59579	0.00090	0.05560	4.80717E-07	9.0455E-04
610931.43	4206155.03	48394.00391	0.00085	0.05441	4.70429E-07	8.5055E-04
610952.43	4206155.03	40538.65731	0.00071	0.05110	4.41810E-07	7.1253E-04
610959.43	4206155.03	38306.07288	0.00067	0.05008	4.33991E-07	6.7331E-04
610966.43	4206155.03	36237.47265	0.00064	0.04909	4.24432E-07	6.3696E-04
610973.43	4206155.03	34318.08179	0.00060	0.04814	4.16218E-07	6.0324E-04
610980.43	4206155.03	32534.78095	0.00057	0.04722	4.08264E-07	5.7191E-04
610987.43	4206155.03	30875.86395	0.00054	0.04633	4.00569E-07	5.4276E-04
610994.43	4206155.03	29330.61072	0.00052	0.04547	3.93133E-07	5.1561E-04
611001.43	4206155.03	27885.50873	0.00049	0.04464	3.85957E-07	4.9029E-04
611008.43	4206155.03	26544.00312	0.00047	0.04383	3.78954E-07	4.6664E-04
611015.43	4206155.03	25286.17877	0.00044	0.04305	3.72210E-07	4.4454E-04
611029.43	4206155.03	23006.48025	0.00040	0.04156	3.59328E-07	4.0449E-04
611036.43	4206155.03	21972.32915	0.00039	0.04085	3.53189E-07	3.8631E-04
611043.43	4206155.03	21001.48479	0.00037	0.04016	3.47223E-07	3.6925E-04
611050.43	4206155.03	20089.08499	0.00035	0.03949	3.41430E-07	3.5322E-04
611057.43	4206155.03	19230.83939	0.00034	0.03884	3.35810E-07	3.3814E-04
611064.43	4206155.03	18422.71031	0.00032	0.03821	3.30363E-07	3.2394E-04
611071.43	4206155.03	17661.0417	0.00031	0.03759	3.25003E-07	3.1055E-04
611078.43	4206155.03	16942.62614	0.00030	0.03699	3.19815E-07	2.9793E-04
611085.43	4206155.03	16264.25793	0.00029	0.03640	3.14714E-07	2.8601E-04
611092.43	4206155.03	15623.28575	0.00027	0.03584	3.09872E-07	2.7474E-04
610294.43	4206162.03	5955.80359	0.00010	0.63417	5.48303E-06	1.1016E-04
610301.43	4206162.03	6187.65468	0.00011	0.63277	5.47093E-06	1.1416E-04
610308.43	4206162.03	6433.32963	0.00011	0.63129	5.45813E-06	1.1846E-04
610315.43	4206162.03	6693.88933	0.00012	0.62974	5.44473E-06	1.2303E-04
610322.43	4206162.03	6970.60794	0.00012	0.62810	5.43055E-06	1.2787E-04
610329.43	4206162.03	7264.78479	0.00013	0.62636	5.41551E-06	1.3303E-04
610336.43	4206162.03	7577.92175	0.00013	0.62451	5.39951E-06	1.3851E-04
610343.43	4206162.03	7911.68923	0.00014	0.62255	5.38256E-06	1.4436E-04
610350.43	4206162.03	8267.85587	0.00015	0.62046	5.36449E-06	1.5060E-04
610357.43	4206162.03	8648.42821	0.00015	0.61823	5.34521E-06	1.5726E-04
610364.43	4206162.03	9055.69796	0.00016	0.61586	5.32472E-06	1.6439E-04
610371.43	4206162.03	9492.17869	0.00017	0.61333	5.30285E-06	1.7204E-04
610378.43	4206162.03	9960.57761	0.00017	0.61063	5.27950E-06	1.8024E-04
610385.43	4206162.03	10464.11016	0.00018	0.60775	5.25460E-06	1.8906E-04
610392.43	4206162.03	11006.11395	0.00019	0.60468	5.22806E-06	1.9856E-04
610399.43	4206162.03	11590.66984	0.00020	0.60142	5.19987E-06	2.0886E-04
610406.43	4206162.03	12222.08634	0.00021	0.59794	5.16979E-06	2.1986E-04
610413.43	4206162.03	12905.28408	0.00023	0.59425	5.13788E-06	2.3183E-04
610420.43	4206162.03	13648.97987	0.00024	0.59043	5.10485E-06	2.4488E-04
610427.43	4206162.03	14459.01879	0.00025	0.58634	5.06949E-06	2.5905E-04
610434.43	4206162.03	15339.6482	0.00027	0.58198	5.03180E-06	2.7448E-04
610441.43	4206162.03	16303.83416	0.00029	0.57736	4.99185E-06	2.9135E-04
610448.43	4206162.03	17351.89603	0.00030	0.57242	4.94914E-06	3.0975E-04
610455.43	4206162.03	18502.01014	0.00033	0.56715	4.90358E-06	3.2990E-04
610462.43	4206162.03	19764.53527	0.00035	0.56156	4.85525E-06	3.5203E-04
610469.43	4206162.03	21153.81078	0.00037	0.55561	4.80380E-06	3.7639E-04
610476.43	4206162.03	22686.19526	0.00040	0.54930	4.74925E-06	4.0325E-04
610483.43	4206162.03	24380.55438	0.00043	0.54260	4.69132E-06	4.3295E-04
610497.43	4206162.03	28367.42698	0.00050	0.52803	4.56534E-06	5.0286E-04
610504.43	4206162.03	30712.75567	0.00054	0.52009	4.49670E-06	5.4398E-04
610511.43	4206162.03	33333.05759	0.00059	0.51166	4.42381E-06	5.8994E-04
610518.43	4206162.03	36279.20982	0.00064	0.50276	4.34686E-06	6.4162E-04
610525.43	4206162.03	39593.54538	0.00070	0.49335	4.26550E-06	6.9976E-04
610532.43	4206162.03	43347.86174	0.00076	0.48344	4.17982E-06	7.6562E-04
610539.43	4206162.03	47606.29117	0.00084	0.47302	4.08973E-06	8.4033E-04
610546.43	4206162.03	52474.37148	0.00092	0.46209	3.99523E-06	9.2575E-04
610553.43	4206162.03	58054.26289	0.00102	0.45064	3.89623E-06	1.0237E-03
610560.43	4206162.03	64500.71125	0.00113	0.43869	3.79291E-06	1.1368E-03
610567.43	4206162.03	71971.25796	0.00126	0.42625	3.68536E-06	1.2679E-03
610574.43	4206162.03	80741.61542	0.00142	0.41335	3.57382E-06	1.4219E-03
610581.43	4206162.03	91147.8093	0.00160	0.40002	3.45857E-06	1.6045E-03
610588.43	4206162.03	103663.1355	0.00182	0.38631	3.34003E-06	1.8243E-03
610595.43	4206162.03	118854.3002	0.00209	0.37227	3.21864E-06	2.0919E-03
610602.43	4206162.03	137449.9479	0.00241	0.35796	3.09492E-06	2.4175E-03
610609.43	4206162.03	160002.4152	0.00281	0.34345	2.96947E-06	2.8135E-03
610616.43	4206162.03	183821.575	0.00323	0.32881	2.84289E-06	3.2318E-03
610770.43	4206162.03	317143.9162	0.00557	0.10795	9.33335E-07	5.5718E-03
610777.43	4206162.03	299883.8584	0.00527	0.10393	8.98578E-07	5.2684E-03
610784.43	4206162.03	273156.3763	0.00480	0.10021	8.66415E-07	4.7991E-03
610791.43	4206162.03	244842.1468	0.00430	0.09675	8.36500E-07	4.3017E-03
610798.43	4206162.03	219339.2926	0.00385	0.09352	8.08573E-07	3.8537E-03
610805.43	4206162.03	197354.8387	0.00347	0.09049	7.82576E-07	3.4675E-03
610812.43	4206162.03	178503.977	0.00314	0.08765	7.57821E-07	3.1363E-03
610833.43	4206162.03	135703.3139	0.00238	0.08096	6.92198E-07	2.3844E-03
610840.43	4206162.03	124742.6891	0.00219	0.07780	6.72658E-07	2.1919E-03
610847.43	4206162.03	114996.1364	0.00202	0.07566	6.54156E-07	2.0206E-03
610854.43	4206162.03	106280.6645	0.00187	0.07362	6.36518E-07	1.8675E-03
610861.43	4206162.03	98449.66076	0.00173	0.07168	6.19745E-07	1.7300E-03
610868.43	4206162.03	91384.89705	0.00161	0.06984	6.03836E-07	1.6058E-03
610875.43	4206162.03	84985.19332	0.00149	0.06808	5.88619E-07	1.4935E-03
610882.43	4206162.03	79181.74253	0.00139	0.06640	5.74094E-07	1.3915E-03
610889.43	4206162.03	73893.86686	0.00130	0.06479	5.60174E-07	1.2986E-03
610896.43	4206162.03	69067.99899	0.00121	0.06326	5.46946E-07	1.2138E-03
610903.43	4206162.03	64653.4532	0.00114	0.06178	5.34150E-07	1.1362E-03
610910.43	4206162.03	60607.71182	0.00106	0.06038	5.22045E-07	1.0651E-03
610917.43	4206162.03	56892.8043	0.00100	0.05902	5.10287E-07	9.9987E-04
610924.43	4206162.03	53475.63033	0.00094	0.05773	4.99133E-07	9.3984E-04
610931.43	4206162.03	50327.39536	0.00088	0.05648	4.88326E-07	8.8453E-04
610952.43	4206162.03	42253.00745	0.00074	0.05302	4.58411E-07	7.4267E-04
610959.43	4206162.03	39950.59065	0.00070	0.05195	4.49159E-07	7.0221E-04
610966.43	4206162.03	37814.02276	0.00066	0.05092	4.40254E-07	6.6467E-04
610973.43	4206162.03	35828.8213	0.00063	0.04992	4.31608E-07	6.2979E-04
610980.43	4206162.03	33981.95604	0.00060	0.04896	4.23308E-07	5.9734E-04
610987.43	4206162.03	32261.75695	0.00057	0.04803	4.15267E-07	5.6712E-04
610994.43	4206162.03	30657.59608	0.00054	0.04713	4.07486E-07	5.3893E-04
611001.43	4206162.03	29160.01525	0.00051	0.04626	3.99964E-07	5.1262E-04
611008.43	4206162.03	27760.28256	0.00049	0.04541	3.92615E-07	4.8802E-04
611029.43	4206162.03	24073.8954	0.00042	0.04304	3.72124E-07	4.2325E-04
611036.43	4206162.03	22994.52403	0.00040	0.04229	3.65639E-07	4.0428E-04
611043.43	4206162.03	21980.46166	0.00039	0.04157	3.59414E-07	3.8646E-04
611050.43	4206162.03	21026.92729	0.00037	0.04086	3.53275E-07	3.6971E-04
611057.43	4206162.03	20129.42056	0.00035	0.04018	3.47396E-07	3.5394E-04
611064.43	4206162.03	19283.83784	0.00034	0.03952	3.41690E-07	3.3908E-04
611071.43	4206162.03	18486.52837	0.00032	0.03887	3.36070E-07	3.2507E-04
611078.43	4206162.03	17734.09661	0.00031	0.03824	3.30623E-07	3.1184E-04
611085.43	4206162.03	17023.3601	0.00030	0.03763	3.25349E-07	2.9935E-04
611092.43	4206162.03	16351.51598	0.00029	0.03704	3.20248E-07	2.8755E-04
610294.43	4206169.03	5829.34164	0.00010	0.67296	5.81841E-06	1.0822E-04
610301.43	4206169.03	6054.30834	0.00011	0.67159	5.80656E-06	1.1215E-04
610308.43	4206169.03	6292.58729	0.00011	0.67015	5.79411E-06	1.1633E-04
610315.43	4206169.03	6545.2707	0.00011	0.66863	5.78097E-06	1.2075E-04
610322.43	4206169.03	6813.5386	0.00012	0.66702	5.76705E-06	1.2545E-04
610329.43	4206169.03	7098.60936	0.00012	0.66531	5.75227E-06	1.3044E-04
610336.43	4206169.03	7402.00657	0.00013	0.66350	5.73662E-06	1.3576E-04
610343.43	4206169.03	7725.25472	0.00014	0.66156	5.71984E-06	1.4142E-04
610350.43	4206169.03	8070.16858	0.00014	0.65950	5.70203E-06	1.4746E-04
610357.43	4206169.03	8438.68631	0.00015	0.65729	5.68293E-06	1.5391E-04
610364.43	4206169.03	8832.93392	0.00016	0.65493	5.66252E-06	1.6082E-04
610371.43	4206169.03	9255.30372	0.00016	0.65241	5.64073E-06	1.6822E-04
610378.43	4206169.03	9708.60623	0.00017	0.64972	5.61748E-06	1.7616E-04
610385.43	4206169.03	10195.82401	0.00018	0.64684	5.59258E-06	1.8469E-04
610392.43	4206169.03	10720.292	0.00019	0.64377	5.56603E-06	1.9388E-04
610399.43	4206169.03	11285.88774	0.00020	0.64050	5.53776E-06	2.0378E-04
610406.43	4206169.03	11896.87595	0.00021	0.63701	5.50759E-06	2.1448E-04
610413.43	4206169.03	12558.08832	0.00022	0.63329	5.47542E-06	2.2607E-04
610420.43	4206169.03	13278.80291	0.00023	0.62945	5.44222E-06	2.3870E-04
610427.43	4206169.03	14060.88939	0.00025	0.62530	5.40634E-06	2.5240E-04
610434.43	4206169.03	14912.18881	0.00026	0.62087	5.36804E-06	2.6731E-04
610441.43	4206169.03	15842.67145	0.00028	0.61618	5.32749E-06	2.8362E-04
610448.43	4206169.03	16858.43831	0.00030	0.61115	5.28400E-06	3.0141E-04
610455.43	4206169.03	17971.5587	0.00032	0.60580	5.23774E-06	3.2092E-04
610462.43	4206169.03	19196.32535	0.00034	0.60013	5.18872E-06	3.4239E-04
610469.43	4206169.03	20542.81852	0.00036	0.59407	5.13633E-06	3.6599E-04
610476.43	4206169.03	22031.49563	0.00039	0.58764	5.08073E-06	3.9208E-04
610483.43	4206169.03	23676.69764	0.00042	0.58079	5.02151E-06	4.2092E-04
610497.43	4206169.03	27564.0297	0.00048	0.56587	4.89251E-06	4.8907E-04
610504.43	4206169.03	29853.36336	0.00052	0.55770	4.82187E-06	5.2922E-04
610511.43	4206169.03	32423.02887	0.00057	0.54901	4.74674E-06	5.7428E-04
610518.43	4206169.03	35308.39613	0.00062	0.53978	4.66694E-06	6.2488E-04
610525.43	4206169.03	38564.85246	0.00068	0.53001	4.58246E-06	6.8200E-04
610532.43	4206169.03	42254.44905	0.00074	0.51966	4.49298E-06	7.4672E-04
610539.43	4206169.03	46453.437	0.00082	0.50875	4.39865E-06	8.2039E-04
610546.43	4206169.03	51255.11411	0.00090	0.49725	4.29922E-06	9.0463E-04
610553.43	4206169.03	56777.03229	0.00100	0.48517	4.19478E-06	1.0015E-03
610560.43	4206169.03	63168.73616	0.00111	0.47251	4.08532E-06	1.1137E-03
610567.43	4206169.03	70568.2388	0.00124	0.45927	3.97085E-06	1.2435E-03
610574.43	4206169.03	79275.89078	0.00139	0.44549	3.85170E-06	1.3964E-03
610581.43	4206169.03	89609.47427	0.00157	0.43119	3.72807E-06	1.5778E-03
610588.43	4206169.03	102051.0263	0.00179	0.41642	3.60037E-06	1.7962E-03
610595.43	4206169.03	117159.6772	0.00206	0.40123	3.46903E-06	2.0615E-03
610602.43	4206169.03	135695.3536	0.00238	0.38570	3.33476E-06	2.3869E-03
610609.43	4206169.03	158070.1401	0.00278	0.36990	3.19815E-06	2.7798E-03
610616.43	4206169.03	181933.462	0.00320	0.35391	3.05990E-06	3.1989E-03
610770.43	4206169.03	318528.9122	0.00560	0.11297	9.76738E-07	5.5962E-03
610777.43	4206169.03	301063.1048	0.00529	0.10872	9.39993E-07	5.2893E-03
610784.43	4206169.03	274365.2286	0.00482	0.10479	9.06014E-07	4.8203E-03
610791.43	4206169.03	246258.8224	0.00433	0.10112	8.74283E-07	4.3266E-03
610798.43	4206169.03	220951.0952	0.00388	0.09771	8.44800E-07	3.8820E-03
610805.43	4206169.03	199152.5938	0.00350	0.09451	8.17133E-07	3.4991E-03
610812.43	4206169.03	180447.5228	0.00317	0.09151	7.91195E-07	3.1705E-03
610833.43	4206169.03	137929.347	0.00242	0.08350	7.21941E-07	2.4236E-03
610840.43	4206169.03	127020.7142	0.00223	0.08112	7.01363E-07	2.2319E-03
610847.43	4206169.03	117305.1018	0.00206	0.07886	6.81823E-07	2.0612E-03
610854.43	4206169.03	108602.8864	0.00191	0.07672	6.63321E-07	1.9084E-03
610861.43	4206169.03	100770.3053	0.00177	0.07468	6.45683E-07	1.7707E-03
610868.43	4206169.03	93680.693	0.00165	0.07274	6.28910E-07	1.6464E-03
610875.43	4206169.03	87268.98315	0.00153	0.07089	6.12915E-07	1.5336E-03
610882.43	4206169.03	81425.72747	0.00143	0.06912	5.97611E-07	1.4309E-03
610889.43	4206169.03	76094.46373	0.00134	0.06743	5.82999E-07	1.3372E-03
610896.43	4206169.03	71218.46709	0.00125	0.06582	5.69079E-07	1.2516E-03
610903.43	4206169.03	66749.48668	0.00117	0.06428	5.55765E-07	1.1731E-03
610910.43	4206169.03	62644.90351	0.00110	0.06280	5.42968E-07	1.1009E-03
610917.43	4206169.03	58868.70696	0.00103	0.06138	5.30691E-07	1.0346E-03
610924.43	4206169.03	55388.63157	0.00097	0.06002	5.18933E-07	9.7346E-04
610945.43	4206169.03	46457.75985	0.00082	0.05624	4.86251E-07	8.1655E-04
610952.43	4206169.03	43909.49382	0.00077	0.05508	4.76221E-07	7.7178E-04
610959.43	4206169.03	41544.33561	0.00073	0.05396	4.66538E-07	7.3022E-04
610966.43	4206169.03	39346.28082	0.00069	0.05287	4.57114E-07	6.9160E-04
610973.43	4206169.03	37301.0999	0.00066	0.05183	4.48122E-07	6.5567E-04
610980.43	4206169.03	35395.90381	0.00062	0.05082	4.39389E-07	6.2219E-04
610987.43	4206169.03	33619.16857	0.00059	0.04984	4.30916E-07	5.9098E-04
610994.43	4206169.03	31960.25708	0.00056	0.04890	4.22789E-07	5.6183E-04
611001.43	4206169.03	30409.89674	0.00053	0.04798	4.14835E-07	5.3459E-04
611008.43	4206169.03	28959.2361	0.00051	0.04710	4.07226E-07	5.0910E-04
611036.43	4206169.03	24009.1948	0.00042	0.04382	3.78868E-07	4.2212E-04
611043.43	4206169.03	22953.7429	0.00040	0.04306	3.72297E-07	4.0357E-04
611050.43	4206169.03	21960.58474	0.00039	0.04232	3.65899E-07	3.8612E-04

611057.43	4206169.03	21025.16768	0.00037	0.04161	3.59760E-07	3.6968E-04
611064.43	4206169.03	20143.37466	0.00035	0.04091	3.53708E-07	3.5419E-04
611071.43	4206169.03	19311.46591	0.00034	0.04023	3.47828E-07	3.3957E-04
611078.43	4206169.03	18525.94966	0.00033	0.03957	3.42122E-07	3.2576E-04
611085.43	4206169.03	17783.66858	0.00031	0.03893	3.36589E-07	3.1272E-04
611092.43	4206169.03	17081.63671	0.00030	0.03831	3.31228E-07	3.0038E-04
610294.43	4206176.03	5703.14787	0.00010	0.71585	6.18924E-06	1.0637E-04
610301.43	4206176.03	5921.21748	0.00010	0.71451	6.17765E-06	1.1019E-04
610308.43	4206176.03	6152.07806	0.00011	0.71310	6.16546E-06	1.1423E-04
610315.43	4206176.03	6396.83798	0.00011	0.71161	6.15258E-06	1.1852E-04
610322.43	4206176.03	6656.58229	0.00012	0.71004	6.13900E-06	1.2307E-04
610329.43	4206176.03	6932.55566	0.00012	0.70837	6.12456E-06	1.2790E-04
610336.43	4206176.03	7226.17374	0.00013	0.70659	6.10917E-06	1.3304E-04
610343.43	4206176.03	7538.92018	0.00013	0.70468	6.09266E-06	1.3852E-04
610350.43	4206176.03	7872.49259	0.00014	0.70265	6.07511E-06	1.4436E-04
610357.43	4206176.03	8228.75139	0.00014	0.70046	6.05617E-06	1.5060E-04
610364.43	4206176.03	8609.83726	0.00015	0.69812	6.03594E-06	1.5727E-04
610371.43	4206176.03	9018.07831	0.00016	0.69561	6.01424E-06	1.6442E-04
610378.43	4206176.03	9456.06718	0.00017	0.69293	5.99107E-06	1.7209E-04
610385.43	4206176.03	9926.74487	0.00017	0.69005	5.96617E-06	1.8034E-04
610392.43	4206176.03	10433.36317	0.00018	0.68698	5.93963E-06	1.8921E-04
610399.43	4206176.03	10979.66455	0.00019	0.68369	5.91118E-06	1.9878E-04
610406.43	4206176.03	11569.75562	0.00020	0.68018	5.88083E-06	2.0911E-04
610413.43	4206176.03	12208.41797	0.00021	0.67644	5.84850E-06	2.2030E-04
610420.43	4206176.03	12903.48847	0.00023	0.67254	5.81478E-06	2.3247E-04
610427.43	4206176.03	13657.43247	0.00024	0.66833	5.77838E-06	2.4568E-04
610434.43	4206176.03	14479.9989	0.00025	0.66387	5.73982E-06	2.6009E-04
610441.43	4206176.03	15377.68644	0.00027	0.65911	5.69866E-06	2.7582E-04
610448.43	4206176.03	16357.82748	0.00029	0.65400	5.65448E-06	2.9299E-04
610455.43	4206176.03	17434.26879	0.00031	0.64858	5.60762E-06	3.1185E-04
610462.43	4206176.03	18617.48583	0.00033	0.64281	5.55773E-06	3.3259E-04
610469.43	4206176.03	19918.82038	0.00035	0.63664	5.50439E-06	3.5539E-04
610476.43	4206176.03	21358.78515	0.00038	0.63009	5.44776E-06	3.8063E-04
610483.43	4206176.03	22954.11428	0.00040	0.62311	5.38741E-06	4.0859E-04
610497.43	4206176.03	26733.61572	0.00047	0.60787	5.25564E-06	4.7485E-04
610504.43	4206176.03	28965.68833	0.00051	0.59948	5.18310E-06	5.1399E-04
610511.43	4206176.03	31470.85115	0.00055	0.59053	5.10572E-06	5.5791E-04
610518.43	4206176.03	34292.83451	0.00060	0.58100	5.02332E-06	6.0740E-04
610525.43	4206176.03	37483.68624	0.00066	0.57085	4.93557E-06	6.6336E-04
610532.43	4206176.03	41100.31122	0.00072	0.56007	4.84236E-06	7.2680E-04
610539.43	4206176.03	45230.28993	0.00079	0.54865	4.74363E-06	7.9925E-04
610546.43	4206176.03	49962.92123	0.00088	0.53658	4.63927E-06	8.8227E-04
610553.43	4206176.03	55416.94963	0.00097	0.52384	4.52912E-06	9.7797E-04
610560.43	4206176.03	61723.46671	0.00108	0.51043	4.41318E-06	1.0886E-03
610567.43	4206176.03	69045.71137	0.00121	0.49634	4.29135E-06	1.2171E-03
610574.43	4206176.03	77668.7503	0.00136	0.48161	4.16400E-06	1.3685E-03
610581.43	4206176.03	87929.1082	0.00154	0.46627	4.03137E-06	1.5486E-03
610588.43	4206176.03	100182.9684	0.00176	0.45035	3.89372E-06	1.7654E-03
610595.43	4206176.03	115322.2661	0.00203	0.43391	3.75158E-06	2.0295E-03
610602.43	4206176.03	133726.5833	0.00235	0.41702	3.60555E-06	2.3526E-03
610609.43	4206176.03	155950.9677	0.00274	0.39977	3.45641E-06	2.7428E-03
610616.43	4206176.03	179807.8209	0.00316	0.38226	3.30502E-06	3.1618E-03
610770.43	4206176.03	319632.3202	0.00561	0.11844	1.02403E-06	5.6156E-03
610777.43	4206176.03	301987.9647	0.00530	0.11393	9.85038E-07	5.3056E-03
610784.43	4206176.03	275280.5081	0.00484	0.10976	9.48984E-07	4.8365E-03
610791.43	4206176.03	247375.778	0.00435	0.10588	9.15438E-07	4.3463E-03
610798.43	4206176.03	222261.5305	0.00390	0.10226	8.84139E-07	3.9051E-03
610805.43	4206176.03	200658.5094	0.00352	0.09887	8.54830E-07	3.5256E-03
610812.43	4206176.03	182104.1562	0.00320	0.09569	8.27335E-07	3.1996E-03
610833.43	4206176.03	139891.889	0.00246	0.08723	7.54190E-07	2.4581E-03
610840.43	4206176.03	129043.514	0.00227	0.08472	7.32489E-07	2.2675E-03
610847.43	4206176.03	119370.3418	0.00210	0.08233	7.11825E-07	2.0975E-03
610854.43	4206176.03	110694.2694	0.00194	0.08007	6.92285E-07	1.9451E-03
610861.43	4206176.03	102873.7684	0.00181	0.07792	6.73696E-07	1.8077E-03
610868.43	4206176.03	95793.53322	0.00168	0.07588	6.56058E-07	1.6833E-03
610875.43	4206176.03	89359.38653	0.00157	0.07393	6.39198E-07	1.5703E-03
610882.43	4206176.03	83494.89027	0.00147	0.07207	6.23117E-07	1.4673E-03
610889.43	4206176.03	78134.14172	0.00137	0.07029	6.07727E-07	1.3731E-03
610896.43	4206176.03	73221.90077	0.00129	0.06860	5.93115E-07	1.2868E-03
610903.43	4206176.03	68710.79405	0.00121	0.06697	5.79022E-07	1.2075E-03
610910.43	4206176.03	64560.24816	0.00113	0.06542	5.65621E-07	1.1346E-03
610917.43	4206176.03	60734.12155	0.00107	0.06392	5.52625E-07	1.0674E-03
610924.43	4206176.03	57201.7793	0.00100	0.06249	5.40288E-07	1.0053E-03
610945.43	4206176.03	48105.984	0.00085	0.05852	5.05964E-07	8.4552E-04
610952.43	4206176.03	45502.03311	0.00080	0.05730	4.95416E-07	7.9977E-04
610959.43	4206176.03	43081.15959	0.00076	0.05611	4.85127E-07	7.5724E-04
610966.43	4206176.03	40828.26359	0.00072	0.05497	4.75270E-07	7.1765E-04
610973.43	4206176.03	38728.94259	0.00068	0.05387	4.65760E-07	6.8077E-04
610980.43	4206176.03	36770.79187	0.00065	0.05281	4.56595E-07	6.4636E-04
610987.43	4206176.03	34942.25924	0.00061	0.05178	4.47690E-07	6.1423E-04
610994.43	4206176.03	33233.03524	0.00058	0.05079	4.39130E-07	5.8420E-04
611001.43	4206176.03	31633.65718	0.00056	0.04983	4.30830E-07	5.5610E-04
611008.43	4206176.03	30135.75523	0.00053	0.04890	4.22789E-07	5.2978E-04
611015.43	4206176.03	28731.35348	0.00050	0.04800	4.15008E-07	5.0518E-04
611029.43	4206176.03	26175.75999	0.00046	0.04627	4.00050E-07	4.6020E-04
611036.43	4206176.03	25012.11052	0.00044	0.04545	3.92960E-07	4.3975E-04
611043.43	4206176.03	23917.31455	0.00042	0.04465	3.86044E-07	4.2051E-04
611050.43	4206176.03	22886.27152	0.00040	0.04388	3.79386E-07	4.0239E-04
611057.43	4206176.03	21914.54	0.00038	0.04312	3.72815E-07	3.8532E-04
611064.43	4206176.03	20997.96683	0.00037	0.04239	3.66504E-07	3.6921E-04
611071.43	4206176.03	20132.67637	0.00035	0.04168	3.60365E-07	3.5401E-04
611078.43	4206176.03	19315.20449	0.00034	0.04098	3.54313E-07	3.3964E-04
611085.43	4206176.03	18542.31024	0.00033	0.04031	3.48520E-07	3.2606E-04
611092.43	4206176.03	17810.95981	0.00031	0.03965	3.42814E-07	3.1321E-04
610294.43	4206183.03	5577.33863	0.00010	0.76348	6.60104E-06	1.0457E-04
610301.43	4206183.03	5788.48691	0.00010	0.76218	6.58980E-06	1.0827E-04
610308.43	4206183.03	6011.98739	0.00011	0.76081	6.57796E-06	1.1218E-04
610315.43	4206183.03	6248.85016	0.00011	0.75936	6.56542E-06	1.1633E-04
610322.43	4206183.03	6500.11298	0.00011	0.75783	6.55219E-06	1.2073E-04
610329.43	4206183.03	6766.97452	0.00012	0.75620	6.53810E-06	1.2540E-04
610336.43	4206183.03	7050.7686	0.00012	0.75445	6.52297E-06	1.3037E-04
610343.43	4206183.03	7352.95003	0.00013	0.75258	6.50680E-06	1.3567E-04
610350.43	4206183.03	7675.17671	0.00013	0.75057	6.48942E-06	1.4131E-04
610357.43	4206183.03	8019.20138	0.00014	0.74841	6.47075E-06	1.4733E-04
610364.43	4206183.03	8387.08002	0.00015	0.74609	6.45069E-06	1.5378E-04
610371.43	4206183.03	8781.03445	0.00015	0.74359	6.42908E-06	1.6067E-04
610378.43	4206183.03	9203.59709	0.00016	0.74091	6.40590E-06	1.6807E-04
610385.43	4206183.03	9657.60807	0.00017	0.73804	6.38109E-06	1.7602E-04
610392.43	4206183.03	10146.14858	0.00018	0.73495	6.35437E-06	1.8458E-04
610399.43	4206183.03	10672.9185	0.00019	0.73166	6.32593E-06	1.9388E-04
610406.43	4206183.03	11241.83537	0.00020	0.72813	6.29541E-06	2.0377E-04
610413.43	4206183.03	11857.49346	0.00021	0.72437	6.26290E-06	2.1455E-04
610420.43	4206183.03	12526.33207	0.00022	0.72040	6.22857E-06	2.2626E-04
610427.43	4206183.03	13253.1506	0.00023	0.71616	6.19192E-06	2.3899E-04
610434.43	4206183.03	14044.7246	0.00025	0.71162	6.15266E-06	2.5286E-04
610441.43	4206183.03	14908.58887	0.00026	0.70679	6.11090E-06	2.6799E-04
610448.43	4206183.03	15853.83433	0.00028	0.70163	6.06629E-06	2.8455E-04
610455.43	4206183.03	16890.47601	0.00030	0.69612	6.01865E-06	3.0271E-04
610462.43	4206183.03	18030.21717	0.00032	0.69025	5.96790E-06	3.2268E-04
610469.43	4206183.03	19284.55038	0.00034	0.68397	5.91360E-06	3.4466E-04
610476.43	4206183.03	20675.72657	0.00036	0.67732	5.85611E-06	3.6904E-04
610483.43	4206183.03	22215.63844	0.00039	0.67020	5.79455E-06	3.9603E-04
610497.43	4206183.03	25879.16576	0.00045	0.65467	5.66027E-06	4.6025E-04
610504.43	4206183.03	28045.39578	0.00049	0.64607	5.58592E-06	4.9822E-04
610511.43	4206183.03	30483.96636	0.00054	0.63687	5.50637E-06	5.4098E-04
610518.43	4206183.03	33235.41898	0.00058	0.62703	5.42130E-06	5.8923E-04
610525.43	4206183.03	36347.64984	0.00064	0.61652	5.33043E-06	6.4380E-04
610532.43	4206183.03	39892.99987	0.00070	0.60531	5.23351E-06	7.0598E-04
610539.43	4206183.03	43938.15506	0.00077	0.59338	5.13036E-06	7.7694E-04
610546.43	4206183.03	48590.71317	0.00085	0.58072	5.02090E-06	8.5855E-04
610553.43	4206183.03	53956.21791	0.00095	0.56730	4.90487E-06	9.5269E-04
610560.43	4206183.03	60182.94262	0.00106	0.55311	4.78219E-06	1.0619E-03
610567.43	4206183.03	67406.60205	0.00118	0.53814	4.65276E-06	1.1887E-03
610574.43	4206183.03	75928.883	0.00133	0.52241	4.51675E-06	1.3383E-03
610581.43	4206183.03	86085.60807	0.00151	0.50594	4.37435E-06	1.5165E-03
610588.43	4206183.03	98350.91563	0.00173	0.48877	4.22590E-06	1.7318E-03
610595.43	4206183.03	113282.3401	0.00199	0.47095	4.07183E-06	1.9940E-03
610602.43	4206183.03	131594.6909	0.00231	0.45257	3.91292E-06	2.3155E-03
610609.43	4206183.03	153659.9508	0.00270	0.43370	3.74977E-06	2.7029E-03
610616.43	4206183.03	177448.7641	0.00312	0.41448	3.58359E-06	3.1206E-03
610770.43	4206183.03	320329.5784	0.00563	0.12442	1.07573E-06	5.6279E-03
610777.43	4206183.03	302669.3485	0.00532	0.11962	1.03423E-06	5.3176E-03
610784.43	4206183.03	275956.1214	0.00485	0.11518	9.95844E-07	4.8484E-03
610791.43	4206183.03	248227.4351	0.00436	0.11106	9.60224E-07	4.3613E-03
610798.43	4206183.03	223315.2666	0.00392	0.10721	9.26937E-07	3.9236E-03
610805.43	4206183.03	201901.7099	0.00355	0.10362	8.95898E-07	3.5474E-03
610812.43	4206183.03	183502.8144	0.00322	0.10025	8.67671E-07	3.2242E-03
610833.43	4206183.03	141611.1094	0.00249	0.09129	7.89293E-07	2.4883E-03
610840.43	4206183.03	130830.3424	0.00230	0.08863	7.66295E-07	2.2989E-03
610847.43	4206183.03	121208.7019	0.00213	0.08611	7.44507E-07	2.1299E-03
610854.43	4206183.03	112569.2148	0.00198	0.08372	7.23843E-07	1.9781E-03
610861.43	4206183.03	104770.9904	0.00184	0.08145	7.04216E-07	1.8411E-03
610868.43	4206183.03	97701.81288	0.00172	0.07929	6.85541E-07	1.7169E-03
610875.43	4206183.03	91268.15614	0.00160	0.07723	6.67730E-07	1.6039E-03
610882.43	4206183.03	85393.79312	0.00150	0.07527	6.50784E-07	1.5007E-03
610889.43	4206183.03	80015.49426	0.00141	0.07339	6.34530E-07	1.4062E-03
610896.43	4206183.03	75078.8575	0.00132	0.07160	6.19053E-07	1.3194E-03
610903.43	4206183.03	70537.6069	0.00124	0.06989	6.04269E-07	1.2396E-03
610910.43	4206183.03	66351.685	0.00117	0.06825	5.90089E-07	1.1661E-03
610917.43	4206183.03	62486.73018	0.00110	0.06667	5.76428E-07	1.0982E-03
610924.43	4206183.03	58911.9984	0.00103	0.06516	5.63373E-07	1.0354E-03
610945.43	4206183.03	49677.68612	0.00087	0.06098	5.27233E-07	8.7315E-04
610952.43	4206183.03	47025.3905	0.00083	0.05968	5.15993E-07	8.2655E-04
610959.43	4206183.03	44536.10007	0.00078	0.05844	5.05272E-07	7.8317E-04
610966.43	4206183.03	42254.61433	0.00074	0.05723	4.94810E-07	7.4273E-04
610973.43	4206183.03	40107.14956	0.00070	0.05607	4.84781E-07	7.0500E-04
610980.43	4206183.03	38101.33183	0.00067	0.05495	4.75097E-07	6.6975E-04
610987.43	4206183.03	36225.98816	0.00064	0.05387	4.65760E-07	6.3680E-04
610994.43	4206183.03	34470.83681	0.00061	0.05282	4.56681E-07	6.0596E-04
611001.43	4206183.03	32826.64719	0.00058	0.05181	4.47949E-07	5.7707E-04
611008.43	4206183.03	31284.97166	0.00055	0.05082	4.39389E-07	5.4998E-04
611015.43	4206183.03	29838.10399	0.00052	0.04987	4.31176E-07	5.2456E-04
611029.43	4206183.03	27201.3846	0.00048	0.04805	4.15440E-07	4.7823E-04
611036.43	4206183.03	25999.27455	0.00046	0.04719	4.08005E-07	4.5710E-04
611043.43	4206183.03	24867.2155	0.00044	0.04634	4.00655E-07	4.3721E-04
611050.43	4206183.03	23800.29854	0.00042	0.04553	3.93652E-07	4.1846E-04
611057.43	4206183.03	22794.06447	0.00040	0.04473	3.86735E-07	4.0078E-04
611064.43	4206183.03	21844.2306	0.00038	0.04396	3.80078E-07	3.8409E-04
611071.43	4206183.03	20946.97609	0.00037	0.04321	3.73593E-07	3.6832E-04
610294.43	4206190.03	5452.07181	0.00010	0.81669	7.06110E-06	1.0283E-04
610301.43	4206190.03	5656.39197	0.00010	0.81542	7.05012E-06	1.0641E-04
610308.43	4206190.03	5872.56705	0.00010	0.81409	7.03862E-06	1.1019E-04
610315.43	4206190.03	6101.51599	0.00011	0.81269	7.02651E-06	1.1420E-04
610322.43	4206190.03	6344.31992	0.00011	0.81120	7.01363E-06	1.1846E-04
610329.43	4206190.03	6602.09612	0.00012	0.80961	6.99988E-06	1.2297E-04
610336.43	4206190.03	6876.12457	0.00012	0.80791	6.98519E-06	1.2777E-04
610343.43	4206190.03	7167.80077	0.00013	0.80608	6.96936E-06	1.3288E-04
610350.43	4206190.03	7478.66135	0.00013	0.80410	6.95224E-06	1.3832E-04
610357.43	4206190.03	7810.45215	0.00014	0.80196	6.93374E-06	1.4413E-04
610364.43	4206190.03	8165.14411	0.00014	0.79966	6.91386E-06	1.5034E-04
610371.43	4206190.03	8544.78274	0.00015	0.79717	6.89233E-06	1.5699E-04
610378.43	4206190.03	8951.88331	0.00016	0.79449	6.86916E-06	1.6412E-04
610385.43	4206190.03	9389.15848	0.00016	0.79161	6.84426E-06	1.7177E-04
610392.43	4206190.03	9859.52332	0.00017	0.78852	6.81754E-06	1.8001E-04
610399.43	4206190.03	10366.57913	0.00018	0.78520	6.78884E-06	1.8889E-04
610406.43	4206190.03	10914.06854	0.00019	0.78166	6.75823E-06	1.9847E-04

610413.43	4206190.03	11506.48753	0.00020	0.77787	6.72546E-06	2.0885E-04
610420.43	4206190.03	12148.75316	0.00021	0.77382	6.69044E-06	2.2009E-04
610427.43	4206190.03	13846.58151	0.00023	0.76950	6.65309E-06	2.3231E-04
610434.43	4206190.03	13606.4718	0.00024	0.76489	6.61324E-06	2.4562E-04
610441.43	4206190.03	14437.39392	0.00025	0.76001	6.57104E-06	2.6017E-04
610448.43	4206190.03	15344.94459	0.00027	0.75477	6.52574E-06	2.7607E-04
610455.43	4206190.03	16340.36208	0.00029	0.74918	6.47741E-06	2.9351E-04
610462.43	4206190.03	17435.23593	0.00031	0.74321	6.42579E-06	3.1269E-04
610469.43	4206190.03	18644.74081	0.00033	0.73688	6.37106E-06	3.3388E-04
610476.43	4206190.03	19980.35539	0.00035	0.73009	6.31235E-06	3.5728E-04
610483.43	4206190.03	21461.97725	0.00038	0.72284	6.24967E-06	3.8325E-04
610497.43	4206190.03	25001.24415	0.00044	0.70704	6.11306E-06	4.4528E-04
610504.43	4206190.03	27103.03399	0.00048	0.69827	6.03724E-06	4.8212E-04
610511.43	4206190.03	29465.53102	0.00052	0.68882	5.95553E-06	5.2354E-04
610518.43	4206190.03	32139.5062	0.00056	0.67869	5.86795E-06	5.7042E-04
610525.43	4206190.03	35169.76678	0.00062	0.66782	5.77397E-06	6.2356E-04
610532.43	4206190.03	38623.69429	0.00068	0.65618	5.67333E-06	6.8413E-04
610539.43	4206190.03	42579.14465	0.00075	0.64374	5.56577E-06	7.5359E-04
610546.43	4206190.03	47139.46811	0.00083	0.63048	5.45113E-06	8.3349E-04
610553.43	4206190.03	52411.83589	0.00092	0.61636	5.32905E-06	9.2598E-04
610560.43	4206190.03	58536.24025	0.00103	0.60137	5.19944E-06	1.0334E-03
610567.43	4206190.03	65645.74732	0.00115	0.58547	5.06197E-06	1.1582E-03
610574.43	4206190.03	74064.56178	0.00130	0.56869	4.91689E-06	1.3059E-03
610581.43	4206190.03	84103.48189	0.00148	0.55102	4.76412E-06	1.4821E-03
610588.43	4206190.03	96246.87291	0.00169	0.53249	4.60391E-06	1.6953E-03
610595.43	4206190.03	111053.6336	0.00195	0.51317	4.43687E-06	1.9552E-03
610602.43	4206190.03	129221.262	0.00227	0.49313	4.26368E-06	2.2741E-03
610609.43	4206190.03	151173.917	0.00266	0.47246	4.08489E-06	2.6596E-03
610616.43	4206190.03	174844.8502	0.00307	0.45129	3.90185E-06	3.0752E-03
610770.43	4206190.03	320941.5089	0.00564	0.13097	1.13237E-06	5.6387E-03
610777.43	4206190.03	303081.8306	0.00532	0.12585	1.08810E-06	5.3249E-03
610784.43	4206190.03	276482.5235	0.00486	0.12112	1.04720E-06	4.8577E-03
610791.43	4206190.03	248838.6853	0.00437	0.11673	1.00925E-06	4.3720E-03
610798.43	4206190.03	224135.132	0.00394	0.11264	9.73885E-07	3.9381E-03
610805.43	4206190.03	202909.6836	0.00356	0.10882	9.40857E-07	3.5652E-03
610812.43	4206190.03	184669.0895	0.00324	0.10523	9.09818E-07	3.2448E-03
610833.43	4206190.03	143108.5394	0.00251	0.09572	8.27595E-07	2.5146E-03
610840.43	4206190.03	132400.2931	0.00233	0.09290	8.03213E-07	2.3265E-03
610847.43	4206190.03	122837.017	0.00216	0.09023	7.80128E-07	2.1585E-03
610854.43	4206190.03	114241.533	0.00201	0.08769	7.58167E-07	2.0075E-03
610861.43	4206190.03	106474.55	0.00187	0.08529	7.37417E-07	1.8710E-03
610868.43	4206190.03	99425.22014	0.00175	0.08300	7.17618E-07	1.7472E-03
610875.43	4206190.03	93001.47322	0.00163	0.08082	6.98769E-07	1.6343E-03
610882.43	4206190.03	87128.11903	0.00153	0.07874	6.80786E-07	1.5312E-03
610889.43	4206190.03	81742.66463	0.00144	0.07676	6.63667E-07	1.4365E-03
610896.43	4206190.03	76791.58897	0.00135	0.07487	6.47326E-07	1.3495E-03
610903.43	4206190.03	72230.14339	0.00127	0.07305	6.31590E-07	1.2694E-03
610910.43	4206190.03	68019.20655	0.00119	0.07132	6.16632E-07	1.1954E-03
610917.43	4206190.03	64124.62379	0.00113	0.06965	6.02194E-07	1.1270E-03
610924.43	4206190.03	60516.97918	0.00106	0.06805	5.88360E-07	1.0636E-03
610945.43	4206190.03	51168.86323	0.00090	0.06362	5.50058E-07	8.9937E-04
610952.43	4206190.03	48475.45352	0.00085	0.06225	5.38213E-07	8.5205E-04
610959.43	4206190.03	45964.42666	0.00081	0.06093	5.26800E-07	8.0793E-04
610966.43	4206190.03	43620.54992	0.00077	0.05966	5.15820E-07	7.6674E-04
610973.43	4206190.03	41430.81615	0.00073	0.05843	5.05185E-07	7.2827E-04
610980.43	4206190.03	39382.70533	0.00069	0.05725	4.94903E-07	6.9228E-04
610987.43	4206190.03	37465.42355	0.00066	0.05610	4.85004E-07	6.5859E-04
610994.43	4206190.03	35668.89209	0.00063	0.05499	4.75443E-07	6.2703E-04
611001.43	4206190.03	33984.02953	0.00060	0.05392	4.66192E-07	5.9742E-04
611008.43	4206190.03	32402.36561	0.00057	0.05288	4.57200E-07	5.6963E-04
611015.43	4206190.03	30916.51173	0.00054	0.05187	4.48468E-07	5.4352E-04
611029.43	4206190.03	28204.73154	0.00050	0.04995	4.31867E-07	4.9587E-04
611036.43	4206190.03	26956.59008	0.00047	0.04904	4.24000E-07	4.7411E-04
611043.43	4206190.03	25799.70406	0.00045	0.04815	4.16305E-07	4.5361E-04
611050.43	4206190.03	24699.09464	0.00043	0.04728	4.08783E-07	4.3427E-04
611057.43	4206190.03	23660.19243	0.00042	0.04644	4.01520E-07	4.1601E-04
611064.43	4206190.03	22678.86474	0.00040	0.04562	3.94430E-07	3.9877E-04
611071.43	4206190.03	21751.24643	0.00038	0.04483	3.87600E-07	3.8246E-04
610294.43	4206197.03	5329.56784	0.00009	0.87720	7.58427E-06	1.0120E-04
610301.43	4206197.03	5526.73885	0.00010	0.87583	7.57242E-06	1.0465E-04
610308.43	4206197.03	5735.27822	0.00010	0.87440	7.56006E-06	1.0830E-04
610315.43	4206197.03	5956.54385	0.00010	0.87304	7.54830E-06	1.1218E-04
610322.43	4206197.03	6190.52848	0.00011	0.87146	7.53464E-06	1.1628E-04
610329.43	4206197.03	6438.78106	0.00011	0.86978	7.52011E-06	1.2062E-04
610336.43	4206197.03	6702.56405	0.00012	0.86798	7.50455E-06	1.2524E-04
610343.43	4206197.03	6983.77018	0.00012	0.86619	7.48907E-06	1.3016E-04
610350.43	4206197.03	7283.34568	0.00013	0.86424	7.47221E-06	1.3541E-04
610357.43	4206197.03	7602.96223	0.00013	0.86212	7.45389E-06	1.4101E-04
610364.43	4206197.03	7944.45025	0.00014	0.85983	7.43409E-06	1.4698E-04
610371.43	4206197.03	8309.85693	0.00015	0.85735	7.41264E-06	1.5338E-04
610378.43	4206197.03	8701.54842	0.00015	0.85467	7.38947E-06	1.6024E-04
610385.43	4206197.03	9122.01734	0.00016	0.85178	7.36449E-06	1.6760E-04
610392.43	4206197.03	9574.3454	0.00017	0.84867	7.33760E-06	1.7552E-04
610399.43	4206197.03	10061.52929	0.00018	0.84534	7.30881E-06	1.8405E-04
610406.43	4206197.03	10587.51254	0.00019	0.84176	7.27785E-06	1.9326E-04
610413.43	4206197.03	11156.48455	0.00020	0.83794	7.24483E-06	2.0322E-04
610420.43	4206197.03	11773.21347	0.00021	0.83385	7.20946E-06	2.1401E-04
610427.43	4206197.03	12443.20526	0.00022	0.82949	7.17177E-06	2.2575E-04
610434.43	4206197.03	13172.65635	0.00023	0.82483	7.13148E-06	2.3852E-04
610441.43	4206197.03	13968.76914	0.00025	0.81986	7.08851E-06	2.5246E-04
610448.43	4206197.03	14839.85177	0.00026	0.81455	7.04260E-06	2.6772E-04
610455.43	4206197.03	15795.41781	0.00028	0.80889	6.99366E-06	2.8445E-04
610462.43	4206197.03	16846.62341	0.00030	0.80284	6.94135E-06	3.0286E-04
610469.43	4206197.03	18006.33461	0.00032	0.79639	6.88558E-06	3.2318E-04
610476.43	4206197.03	19285.57357	0.00034	0.78949	6.82598E-06	3.4566E-04
610483.43	4206197.03	20714.05433	0.00036	0.78212	6.76221E-06	3.7062E-04
610497.43	4206197.03	24121.94035	0.00042	0.76603	6.62309E-06	4.3034E-04
610504.43	4206197.03	26145.74638	0.00046	0.75704	6.54636E-06	4.6581E-04
610511.43	4206197.03	28427.05489	0.00050	0.74736	6.46167E-06	5.0580E-04
610518.43	4206197.03	31008.94145	0.00054	0.73693	6.37149E-06	5.5107E-04
610525.43	4206197.03	33944.11205	0.00060	0.72571	6.27449E-06	6.0253E-04
610532.43	4206197.03	37296.24769	0.00066	0.71365	6.17021E-06	6.6131E-04
610539.43	4206197.03	41143.52613	0.00072	0.70070	6.05825E-06	7.2877E-04
610546.43	4206197.03	45589.67274	0.00080	0.68683	5.93833E-06	8.0675E-04
610553.43	4206197.03	50742.529	0.00089	0.67201	5.81020E-06	8.9714E-04
610560.43	4206197.03	56743.61752	0.00100	0.65619	5.67342E-06	1.0024E-03
610567.43	4206197.03	63727.4863	0.00112	0.63934	5.52778E-06	1.1249E-03
610574.43	4206197.03	72018.20526	0.00127	0.62145	5.37305E-06	1.2704E-03
610581.43	4206197.03	81928.5101	0.00144	0.60251	5.20930E-06	1.4443E-03
610588.43	4206197.03	93941.81484	0.00165	0.58253	5.03655E-06	1.6532E-03
610595.43	4206197.03	108621.7593	0.00191	0.56157	4.85533E-06	1.9129E-03
610602.43	4206197.03	126694.0064	0.00223	0.53969	4.66616E-06	2.2301E-03
610609.43	4206197.03	148500.4313	0.00261	0.51700	4.46998E-06	2.6138E-03
610616.43	4206197.03	172079.3324	0.00302	0.49363	4.26792E-06	3.0270E-03
610770.43	4206197.03	321328.1187	0.00564	0.13818	1.19470E-06	5.6456E-03
610777.43	4206197.03	303254.468	0.00533	0.13270	1.14732E-06	5.3288E-03
610784.43	4206197.03	276763.9325	0.00486	0.12765	1.10366E-06	4.8627E-03
610791.43	4206197.03	249237.6105	0.00438	0.12296	1.06311E-06	4.3791E-03
610798.43	4206197.03	224743.8017	0.00395	0.11859	1.02533E-06	3.9488E-03
610805.43	4206197.03	203698.0898	0.00358	0.11452	9.90139E-07	3.5791E-03
610812.43	4206197.03	185624.8968	0.00326	0.11070	9.57112E-07	3.2616E-03
610833.43	4206197.03	144401.1915	0.00254	0.10057	8.69528E-07	2.5374E-03
610840.43	4206197.03	133769.7927	0.00235	0.09757	8.43590E-07	2.3506E-03
610847.43	4206197.03	124268.6976	0.00218	0.09473	8.19035E-07	2.1837E-03
610854.43	4206197.03	115722.9818	0.00203	0.09204	7.95777E-07	2.0336E-03
610861.43	4206197.03	107994.5237	0.00190	0.08948	7.73644E-07	1.8978E-03
610868.43	4206197.03	100972.4109	0.00177	0.08705	7.52634E-07	1.7744E-03
610875.43	4206197.03	94566.84587	0.00166	0.08474	7.32662E-07	1.6619E-03
610882.43	4206197.03	88702.93513	0.00156	0.08253	7.13554E-07	1.5588E-03
610889.43	4206197.03	83318.74766	0.00146	0.08043	6.95397E-07	1.4643E-03
610896.43	4206197.03	78362.92349	0.00138	0.07842	6.78019E-07	1.3772E-03
610903.43	4206197.03	73789.96759	0.00130	0.07649	6.61332E-07	1.2968E-03
610910.43	4206197.03	69562.72434	0.00122	0.07465	6.45424E-07	1.2226E-03
610917.43	4206197.03	65647.30195	0.00115	0.07288	6.30120E-07	1.1538E-03
610924.43	4206197.03	62014.87489	0.00109	0.07118	6.15422E-07	1.0900E-03
610945.43	4206197.03	52576.03197	0.00092	0.06648	5.74786E-07	9.2411E-04
610952.43	4206197.03	49848.6082	0.00088	0.06502	5.62163E-07	8.7619E-04
610959.43	4206197.03	47302.09284	0.00083	0.06362	5.50058E-07	8.3145E-04
610966.43	4206197.03	44922.19629	0.00079	0.06227	5.38386E-07	7.8963E-04
610973.43	4206197.03	42695.5353	0.00075	0.06097	5.27144E-07	7.5051E-04
610980.43	4206197.03	40610.60982	0.00071	0.05971	5.16252E-07	7.1387E-04
610987.43	4206197.03	38656.15707	0.00068	0.05849	5.05704E-07	6.7953E-04
610994.43	4206197.03	36822.80944	0.00065	0.05732	4.95588E-07	6.4732E-04
611001.43	4206197.03	35101.29391	0.00062	0.05618	4.85732E-07	6.1707E-04
611008.43	4206197.03	33483.70105	0.00059	0.05508	4.76221E-07	5.8864E-04
611015.43	4206197.03	31962.24201	0.00056	0.05401	4.66970E-07	5.6191E-04
611029.43	4206197.03	29181.65066	0.00051	0.05198	4.49419E-07	5.1305E-04
611036.43	4206197.03	27910.26144	0.00049	0.05100	4.40946E-07	4.9071E-04
611043.43	4206197.03	26711.08764	0.00047	0.05006	4.32819E-07	4.6963E-04
611050.43	4206197.03	25578.96165	0.00045	0.04914	4.24864E-07	4.4974E-04
611057.43	4206197.03	24509.56329	0.00043	0.04826	4.17256E-07	4.3095E-04
611064.43	4206197.03	23498.62357	0.00041	0.04739	4.09734E-07	4.1318E-04
611071.43	4206197.03	22542.32084	0.00040	0.04655	4.02471E-07	3.9637E-04
610294.43	4206204.03	5207.88062	0.00009	0.94577	8.17712E-06	9.9657E-05
610301.43	4206204.03	5398.04456	0.00009	0.94426	8.16407E-06	1.0298E-04
610308.43	4206204.03	5598.98959	0.00010	0.94269	8.15049E-06	1.0650E-04
610315.43	4206204.03	5812.07348	0.00010	0.94122	8.13778E-06	1.1023E-04
610322.43	4206204.03	6037.30883	0.00011	0.93952	8.12309E-06	1.1417E-04
610329.43	4206204.03	6276.69372	0.00011	0.93786	8.10873E-06	1.1836E-04
610336.43	4206204.03	6530.89872	0.00011	0.93609	8.09343E-06	1.2281E-04
610343.43	4206204.03	6801.18628	0.00012	0.93419	8.07700E-06	1.2754E-04
610350.43	4206204.03	7088.5965	0.00012	0.93227	8.06040E-06	1.3259E-04
610357.43	4206204.03	7397.10671	0.00013	0.93018	8.04233E-06	1.3798E-04
610364.43	4206204.03	7725.50055	0.00014	0.92789	8.02253E-06	1.4373E-04
610371.43	4206204.03	8076.76972	0.00014	0.92541	8.00109E-06	1.4988E-04
610378.43	4206204.03	8453.08531	0.00015	0.92271	7.97775E-06	1.5648E-04
610385.43	4206204.03	8856.87198	0.00016	0.91981	7.95267E-06	1.6353E-04
610392.43	4206204.03	9291.00725	0.00016	0.91667	7.92552E-06	1.7113E-04
610399.43	4206204.03	9758.54548	0.00017	0.91331	7.89647E-06	1.7931E-04
610406.43	4206204.03	10263.07716	0.00018	0.90970	7.86526E-06	1.8814E-04
610413.43	4206204.03	10808.57442	0.00019	0.90584	7.83189E-06	1.9769E-04
610420.43	4206204.03	11399.68209	0.00020	0.90170	7.79609E-06	2.0804E-04
610427.43	4206204.03	12041.5724	0.00021	0.89729	7.75796E-06	2.1928E-04
610434.43	4206204.03	12740.32717	0.00022	0.89257	7.71716E-06	2.3151E-04
610441.43	4206204.03	13502.828	0.00024	0.88753	7.67358E-06	2.4486E-04
610448.43	4206204.03	14336.99388	0.00025	0.88215	7.62706E-06	2.5947E-04
610455.43	4206204.03	15252.02453	0.00027	0.87641	7.57744E-06	2.7549E-04
610462.43	4206204.03	16258.70686	0.00029	0.87027	7.52435E-06	2.9312E-04
610469.43	4206204.03	17369.54462	0.00031	0.86371	7.46763E-06	3.1258E-04
610476.43	4206204.03	18599.03308	0.00033	0.85670	7.40702E-06	3.3411E-04
610483.43	4206204.03	19964.45337	0.00035	0.84920	7.34218E-06	3.5803E-04
610497.43	4206204.03	23229.47113	0.00041	0.83278	7.20021E-06	4.1524E-04
610504.43	4206204.03	25174.12519	0.00044	0.82360	7.12084E-06	4.4932E-04
610511.43	4206204.03	27365.29325	0.00048	0.81368	7.03507E-06	4.8773E-04
610518.43	4206204.03	29852.57913	0.00052	0.80297	6.94247E-06	5.3132E-04
610525.43	4206204.03	32680.12637	0.00057	0.79140	6.84244E-06	5.8089E-04
610532.43	4206204.03	35920.52497	0.00063	0.77893	6.73462E-06	6.3770E-04
610539.43	4206204.03	39641.7281	0.00070	0.76548	6.61834E-06	7.0295E-04
610546.43	4206204.03	43952.09817	0.00077	0.75101	6.49323E-06	7.7854E-04
610553.43	4206204.03	48959.63243	0.00086	0.73548	6.35898E-06	8.6637E-04
610560.43	4206204.03	54816.03836	0.00096	0.71882	6.21491E-06	9.6910E-04
610567.43	4206204.03	61661.45906	0.00108	0.70099	6.06076E-06	1.0892E-03
610574.43	4206204.03	69799.53029	0.00123	0.68195	5.89614E-06	1.2320E-03
610581.43	4206204.03	79568.72754	0.00140	0.66166	5.72071E-06	1.4034E-03
610588.43	4206204.03	91425.09027	0.00161	0.64013	5.53456E-06	1.6115E-03
610595.43	4206204.03	105970.008	0.00186	0.61739	5.33795E-06	1.8668E-03

610602.43	4206204.03	123925.066	0.00218	0.59350	5.13140E-06	2.1820E-03
610609.43	4206204.03	145651.2645	0.00256	0.56855	4.91568E-06	2.5634E-03
610616.43	4206204.03	169168.2591	0.00297	0.54270	4.69218E-06	2.9763E-03
610770.43	4206204.03	321246.8539	0.00564	0.14615	1.26361E-06	5.6442E-03
610777.43	4206204.03	303247.8208	0.00533	0.14028	1.21286E-06	5.3280E-03
610784.43	4206204.03	276805.5369	0.00486	0.13486	1.16609E-06	4.8635E-03
610791.43	4206204.03	249441.8331	0.00438	0.12983	1.12251E-06	4.3828E-03
610798.43	4206204.03	225161.069	0.00396	0.12516	1.08213E-06	3.9562E-03
610805.43	4206204.03	204292.5105	0.00359	0.12080	1.04444E-06	3.5898E-03
610812.43	4206204.03	186389.7006	0.00327	0.11672	1.00916E-06	3.2751E-03
610833.43	4206204.03	145505.4823	0.00256	0.10591	9.15697E-07	2.5568E-03
610840.43	4206204.03	134952.9135	0.00237	0.10270	8.87944E-07	2.3714E-03
610847.43	4206204.03	125517.6116	0.00220	0.09967	8.61746E-07	2.2057E-03
610854.43	4206204.03	117026.4542	0.00206	0.09680	8.36932E-07	2.0565E-03
610861.43	4206204.03	109341.2716	0.00192	0.09408	8.13415E-07	1.9215E-03
610868.43	4206204.03	102352.3676	0.00180	0.09149	7.91022E-07	1.7987E-03
610875.43	4206204.03	95970.81845	0.00169	0.08902	7.69666E-07	1.6866E-03
610882.43	4206204.03	90123.45436	0.00158	0.08667	7.49348E-07	1.5838E-03
610889.43	4206204.03	84748.65531	0.00149	0.08443	7.29981E-07	1.4894E-03
610896.43	4206204.03	79794.74018	0.00140	0.08228	7.11392E-07	1.4024E-03
610903.43	4206204.03	75218.91614	0.00132	0.08023	6.93668E-07	1.3220E-03
610910.43	4206204.03	70982.76503	0.00125	0.07827	6.76722E-07	1.2475E-03
610917.43	4206204.03	67054.28108	0.00118	0.07638	6.60381E-07	1.1785E-03
610924.43	4206204.03	63404.87492	0.00111	0.07457	6.44732E-07	1.1144E-03
610945.43	4206204.03	53896.56477	0.00095	0.06956	6.01415E-07	9.4733E-04
610952.43	4206204.03	51141.48411	0.00090	0.06801	5.88014E-07	8.9893E-04
610959.43	4206204.03	48565.84984	0.00085	0.06652	5.75132E-07	8.5367E-04
610966.43	4206204.03	46155.50359	0.00081	0.06508	5.62686E-07	8.1132E-04
610973.43	4206204.03	43897.75979	0.00077	0.06369	5.50663E-07	7.7165E-04
610980.43	4206204.03	41780.81556	0.00073	0.06235	5.39078E-07	7.3445E-04
610987.43	4206204.03	39794.36417	0.00070	0.06106	5.27924E-07	6.9955E-04
610994.43	4206204.03	37928.45603	0.00067	0.05981	5.17117E-07	6.6676E-04
611001.43	4206204.03	36174.70967	0.00064	0.05860	5.06655E-07	6.3594E-04
611008.43	4206204.03	34524.78943	0.00061	0.05743	4.96539E-07	6.0695E-04
611015.43	4206204.03	32971.57177	0.00058	0.05629	4.86683E-07	5.7966E-04
611029.43	4206204.03	30128.44119	0.00053	0.05413	4.68008E-07	5.2970E-04
611036.43	4206204.03	28826.75595	0.00051	0.05310	4.59102E-07	5.0682E-04
611043.43	4206204.03	27597.68728	0.00048	0.05210	4.50456E-07	4.8522E-04
611050.43	4206204.03	26436.63624	0.00046	0.05112	4.41983E-07	4.6482E-04
611057.43	4206204.03	25338.85321	0.00045	0.05018	4.33856E-07	4.4553E-04
611064.43	4206204.03	24300.3086	0.00043	0.04927	4.25988E-07	4.2728E-04
611071.43	4206204.03	23317.29581	0.00041	0.04838	4.18293E-07	4.1000E-04
611078.43	4206204.03	22386.08423	0.00039	0.04751	4.10771E-07	3.9364E-04
611092.43	4206204.03	20666.45589	0.00036	0.04585	3.96419E-07	3.6342E-04
610294.43	4206211.03	5086.66602	0.00009	1.02393	8.85289E-06	9.8204E-05
610301.43	4206211.03	5270.25781	0.00009	1.02239	8.83958E-06	1.0142E-04
610308.43	4206211.03	5464.21759	0.00010	1.02081	8.82592E-06	1.0481E-04
610315.43	4206211.03	5668.86655	0.00010	1.01900	8.81027E-06	1.0839E-04
610322.43	4206211.03	5885.94088	0.00010	1.01731	8.79566E-06	1.1219E-04
610329.43	4206211.03	6116.07037	0.00011	1.01551	8.78009E-06	1.1621E-04
610336.43	4206211.03	6360.26775	0.00011	1.01360	8.76358E-06	1.2049E-04
610343.43	4206211.03	6620.31949	0.00012	1.01172	8.74733E-06	1.2504E-04
610350.43	4206211.03	6897.65964	0.00012	1.00982	8.73090E-06	1.2989E-04
610357.43	4206211.03	7193.25239	0.00013	1.00774	8.71292E-06	1.3507E-04
610364.43	4206211.03	7508.72244	0.00013	1.00545	8.69312E-06	1.4059E-04
610371.43	4206211.03	7845.95987	0.00014	1.00295	8.67150E-06	1.4649E-04
610378.43	4206211.03	8207.05622	0.00014	1.00024	8.64807E-06	1.5281E-04
610385.43	4206211.03	8594.35451	0.00015	0.99730	8.62265E-06	1.5959E-04
610392.43	4206211.03	9010.5023	0.00016	0.99413	8.59524E-06	1.6687E-04
610399.43	4206211.03	9458.42764	0.00017	0.99072	8.56576E-06	1.7471E-04
610406.43	4206211.03	9941.57771	0.00017	0.98707	8.53420E-06	1.8317E-04
610413.43	4206211.03	10463.68562	0.00018	0.98315	8.50031E-06	1.9230E-04
610420.43	4206211.03	11029.22526	0.00019	0.97895	8.46400E-06	2.0220E-04
610427.43	4206211.03	11643.07909	0.00020	0.97447	8.42526E-06	2.1294E-04
610434.43	4206211.03	12311.04674	0.00022	0.96968	8.38385E-06	2.2464E-04
610441.43	4206211.03	13039.62742	0.00023	0.96456	8.33958E-06	2.3739E-04
610448.43	4206211.03	13836.57677	0.00024	0.95910	8.29237E-06	2.5134E-04
610455.43	4206211.03	14710.57033	0.00026	0.95326	8.24188E-06	2.6664E-04
610462.43	4206211.03	15671.95235	0.00028	0.94702	8.18793E-06	2.8348E-04
610469.43	4206211.03	16732.81756	0.00029	0.94035	8.13026E-06	3.0205E-04
610476.43	4206211.03	17907.09544	0.00031	0.93321	8.06853E-06	3.2262E-04
610483.43	4206211.03	19211.57487	0.00034	0.92557	8.00247E-06	3.4547E-04
610497.43	4206211.03	22331.04258	0.00039	0.90883	7.85774E-06	4.0012E-04
610504.43	4206211.03	24189.3784	0.00042	0.89945	7.77664E-06	4.3268E-04
610511.43	4206211.03	26288.81052	0.00046	0.88930	7.68888E-06	4.6947E-04
610518.43	4206211.03	28667.23252	0.00050	0.87830	7.59378E-06	5.1115E-04
610525.43	4206211.03	31383.39067	0.00055	0.86641	7.49098E-06	5.5876E-04
610532.43	4206211.03	34496.85913	0.00061	0.85353	7.37962E-06	6.1334E-04
610539.43	4206211.03	38085.37782	0.00067	0.83960	7.25918E-06	6.7626E-04
610546.43	4206211.03	42238.86529	0.00074	0.82455	7.12906E-06	7.4909E-04
610553.43	4206211.03	47091.63285	0.00083	0.80830	6.98856E-06	8.3419E-04
610560.43	4206211.03	52774.6303	0.00093	0.79079	6.83717E-06	9.3386E-04
610567.43	4206211.03	59458.09951	0.00104	0.77197	6.67449E-06	1.0511E-03
610574.43	4206211.03	67430.02069	0.00118	0.75173	6.49945E-06	1.1910E-03
610581.43	4206211.03	77031.52101	0.00135	0.73004	6.31192E-06	1.3594E-03
610588.43	4206211.03	88722.46904	0.00156	0.70687	6.11159E-06	1.5644E-03
610595.43	4206211.03	103108.5114	0.00181	0.68221	5.89838E-06	1.8171E-03
610602.43	4206211.03	120892.5983	0.00212	0.65610	5.67264E-06	2.1292E-03
610609.43	4206211.03	142464.4792	0.00250	0.62865	5.43539E-06	2.5079E-03
610616.43	4206211.03	165903.3886	0.00291	0.59999	5.18751E-06	2.9194E-03
610770.43	4206211.03	321088.2589	0.00564	0.15501	1.34022E-06	5.6415E-03
610777.43	4206211.03	303038.5638	0.00532	0.14868	1.28549E-06	5.3244E-03
610784.43	4206211.03	276656.8368	0.00486	0.14286	1.23517E-06	4.8609E-03
610791.43	4206211.03	249465.408	0.00438	0.13746	1.18848E-06	4.3832E-03
610798.43	4206211.03	225403.9268	0.00396	0.13244	1.14508E-06	3.9605E-03
610805.43	4206211.03	204713.8299	0.00360	0.12776	1.10461E-06	3.5971E-03
610812.43	4206211.03	186977.4461	0.00328	0.12339	1.06683E-06	3.2855E-03
610833.43	4206211.03	146433.7332	0.00257	0.11179	9.66536E-07	2.5732E-03
610840.43	4206211.03	135962.1384	0.00239	0.10836	9.36800E-07	2.3892E-03
610847.43	4206211.03	126594.5237	0.00222	0.10512	9.08867E-07	2.2246E-03
610854.43	4206211.03	118160.185	0.00208	0.10204	8.82237E-07	2.0765E-03
610861.43	4206211.03	110522.0244	0.00194	0.09912	8.56991E-07	1.9423E-03
610868.43	4206211.03	103571.5392	0.00182	0.09635	8.33042E-07	1.8201E-03
610875.43	4206211.03	97219.88142	0.00171	0.09371	8.10216E-07	1.7085E-03
610882.43	4206211.03	91394.91179	0.00161	0.09119	7.88428E-07	1.6062E-03
610889.43	4206211.03	86035.48939	0.00151	0.08879	7.67678E-07	1.5120E-03
610896.43	4206211.03	81090.86375	0.00142	0.08650	7.47878E-07	1.4252E-03
610903.43	4206211.03	76518.02298	0.00134	0.08430	7.28857E-07	1.3448E-03
610910.43	4206211.03	72280.24741	0.00127	0.08220	7.10701E-07	1.2704E-03
610917.43	4206211.03	68345.52349	0.00120	0.08018	6.93236E-07	1.2012E-03
610924.43	4206211.03	64685.90059	0.00114	0.07825	6.76549E-07	1.1369E-03
610945.43	4206211.03	55127.88417	0.00097	0.07289	6.30207E-07	9.6899E-04
610952.43	4206211.03	52351.30586	0.00092	0.07123	6.15854E-07	9.2026E-04
610959.43	4206211.03	49752.38174	0.00087	0.06964	6.02107E-07	8.7454E-04
610966.43	4206211.03	47317.36383	0.00083	0.06810	5.88792E-07	8.3175E-04
610973.43	4206211.03	45033.62362	0.00079	0.06662	5.75996E-07	7.9162E-04
610980.43	4206211.03	42889.85768	0.00075	0.06519	5.63632E-07	7.5396E-04
610987.43	4206211.03	40875.88146	0.00072	0.06381	5.51701E-07	7.1857E-04
610994.43	4206211.03	38982.1713	0.00068	0.06247	5.40115E-07	6.8529E-04
611001.43	4206211.03	37200.16823	0.00065	0.06118	5.28962E-07	6.5398E-04
611008.43	4206211.03	35522.03841	0.00062	0.05993	5.18154E-07	6.2449E-04
611035.43	4206211.03	33940.56242	0.00060	0.05873	5.07779E-07	5.9670E-04
611029.43	4206211.03	31041.59007	0.00055	0.05642	4.87807E-07	5.4576E-04
611036.43	4206211.03	29712.31847	0.00052	0.05532	4.78296E-07	5.2240E-04
611043.43	4206211.03	28456.35333	0.00050	0.05426	4.69132E-07	5.0033E-04
611050.43	4206211.03	27268.64382	0.00048	0.05323	4.60226E-07	4.7945E-04
611057.43	4206211.03	26144.8163	0.00046	0.05222	4.51494E-07	4.5970E-04
611064.43	4206211.03	25080.9488	0.00044	0.05125	4.43107E-07	4.4101E-04
611071.43	4206211.03	24072.98947	0.00042	0.05031	4.34980E-07	4.2329E-04
611078.43	4206211.03	23117.57056	0.00041	0.04939	4.27026E-07	4.0650E-04
611085.43	4206211.03	22211.4339	0.00039	0.04850	4.19331E-07	3.9058E-04
611092.43	4206211.03	21351.46894	0.00038	0.04763	4.11809E-07	3.7547E-04
610294.43	4206218.03	4966.90775	0.00009	1.11419	9.63128E-06	9.6881E-05
610301.43	4206218.03	5143.67425	0.00009	1.11242	9.61798E-06	9.9970E-05
610308.43	4206218.03	5330.26547	0.00009	1.11059	9.60216E-06	1.0323E-04
610315.43	4206218.03	5527.46545	0.00010	1.10872	9.58599E-06	1.0668E-04
610322.43	4206218.03	5736.10873	0.00010	1.10681	9.56947E-06	1.1033E-04
610329.43	4206218.03	5957.10901	0.00010	1.10484	9.55244E-06	1.1419E-04
610336.43	4206218.03	6191.45554	0.00011	1.10273	9.53420E-06	1.1829E-04
610343.43	4206218.03	6441.44933	0.00011	1.10086	9.51803E-06	1.2267E-04
610350.43	4206218.03	6707.90525	0.00012	1.09898	9.50178E-06	1.2733E-04
610357.43	4206218.03	6991.69484	0.00012	1.09690	9.48379E-06	1.3230E-04
610364.43	4206218.03	7294.44039	0.00013	1.09460	9.46391E-06	1.3760E-04
610371.43	4206218.03	7617.87158	0.00013	1.09207	9.44203E-06	1.4326E-04
610378.43	4206218.03	7963.9771	0.00014	1.08932	9.41826E-06	1.4931E-04
610385.43	4206218.03	8334.94163	0.00015	1.08633	9.39240E-06	1.5580E-04
610392.43	4206218.03	8733.30018	0.00015	1.08311	9.36456E-06	1.6277E-04
610399.43	4206218.03	9161.86417	0.00016	1.07964	9.33456E-06	1.7027E-04
610406.43	4206218.03	9623.82867	0.00017	1.07591	9.30231E-06	1.7835E-04
610413.43	4206218.03	10122.73443	0.00018	1.07192	9.26782E-06	1.8708E-04
610420.43	4206218.03	10662.86709	0.00019	1.06764	9.23081E-06	1.9653E-04
610427.43	4206218.03	11248.82157	0.00020	1.06307	9.19130E-06	2.0679E-04
610434.43	4206218.03	11886.05429	0.00021	1.05819	9.14911E-06	2.1794E-04
610441.43	4206218.03	12580.81033	0.00022	1.05297	9.10397E-06	2.3010E-04
610448.43	4206218.03	13340.33629	0.00023	1.04740	9.05582E-06	2.4339E-04
610455.43	4206218.03	14173.06446	0.00025	1.04145	9.00437E-06	2.5796E-04
610462.43	4206218.03	15088.73007	0.00027	1.03508	8.94930E-06	2.7399E-04
610469.43	4206218.03	16098.89236	0.00028	1.02828	8.89050E-06	2.9168E-04
610476.43	4206218.03	17216.93691	0.00030	1.02100	8.82756E-06	3.1126E-04
610483.43	4206218.03	18458.93035	0.00032	1.01320	8.76012E-06	3.3300E-04
610497.43	4206218.03	21428.01389	0.00038	0.99611	8.61236E-06	3.8501E-04
610504.43	4206218.03	23196.56736	0.00041	0.98652	8.52945E-06	4.1599E-04
610511.43	4206218.03	25195.90293	0.00044	0.97612	8.43953E-06	4.5102E-04
610518.43	4206218.03	27466.99436	0.00048	0.96486	8.34217E-06	4.9082E-04
610525.43	4206218.03	30060.10708	0.00053	0.95264	8.23652E-06	5.3626E-04
610532.43	4206218.03	33036.92002	0.00058	0.93938	8.12187E-06	5.8844E-04
610539.43	4206218.03	36474.6801	0.00064	0.92499	7.997468E-06	6.4870E-04
610546.43	4206218.03	40469.64157	0.00071	0.90937	7.862411E-06	7.1874E-04
610553.43	4206218.03	45142.84043	0.00079	0.89244	7.716036E-06	8.0068E-04
610560.43	4206218.03	50640.76111	0.00089	0.87408	7.55729E-06	8.9710E-04
610567.43	4206218.03	57138.72003	0.00100	0.85424	7.38575E-06	1.0111E-03
610574.43	4206218.03	64906.40343	0.00114	0.83279	7.200308E-06	1.1473E-03
610581.43	4206218.03	74309.61661	0.00131	0.80963	7.00006E-06	1.3123E-03
610588.43	4206218.03	85783.89346	0.00151	0.78473	6.78477E-06	1.5136E-03
610595.43	4206218.03	99970.95136	0.00176	0.75802	6.553846E-06	1.7626E-03
610602.43	4206218.03	117572.1561	0.00207	0.72951	6.307346E-06	2.0715E-03
610609.43	4206218.03	138992.3664	0.00244	0.69927	6.045886E-06	2.4475E-03
610616.43	4206218.03	162355.0928	0.00285	0.66744	5.770686E-06	2.8577E-03
610770.43	4206218.03	320721.3346	0.00563	0.16491	1.425831E-06	5.6351E-03
610777.43	4206218.03	302623.909	0.00532	0.15807	1.36667E-06	5.3172E-03
610784.43	4206218.03	276343.6302	0.00485	0.15178	1.31229E-06	4.8555E-03
610791.43	4206218.03	249324.2784	0.00438	0.14596	1.26197E-06	4.3808E-03
610798.43	4206218.03	225481.9675	0.00396	0.14055	1.21519E-06	3.9620E-03
610805.43	4206218.03	204975.4241	0.00360	0.13550	1.17153E-06	3.6017E-03
610812.43	4206218.03	187398.5024	0.00329	0.13079	1.13081E-06	3.2929E-03
610833.43	4206218.03	147196.8746	0.00259	0.11830	1.02282E-06	2.5866E-03
610840.43	4206218.03	136806.8184	0.00240	0.11461	9.90917E-07	2.4041E-03
610847.43	4206218.03	127508.4476	0.00224	0.11112	9.60743E-07	2.2407E-03
610854.43	4206218.03	119133.1382	0.00209	0.10781	9.32125E-07	2.0936E-03
610861.43	4206218.03	111545.6492	0.00196	0.10467	9.04976E-07	1.9603E-03
610868.43	4206218.03	104636.9289	0.00184	0.10169	8.79211E-07	1.8389E-03
610875.43	4206218.03	98319.21725	0.00173	0.09885	8.54657E-07	1.7279E-03
610882.43	4206218.03	92520.90017	0.00163	0.09614	8.31226E-07	1.6266E-03
610889.43	4206218.03	87182.32714	0.00153	0.09356	8.08919E-07	1.5322E-03
610896.43	4206218.03	82252.67749	0.00144	0.09109	7.87564E-07	1.4456E-03
610903.43	4206218.03	77689.21327	0.00136	0.08873	7.67159E-07	1.3654E-03

610910.43	4206218.03	73455.86726	0.00129	0.08647	7.47619E-07	1.2911E-03
610917.43	4206218.03	69520.94664	0.00122	0.08431	7.28944E-07	1.2219E-03
610924.43	4206218.03	65857.39027	0.00116	0.08223	7.10960E-07	1.1575E-03
610945.43	4206218.03	56267.89342	0.00099	0.07648	6.61246E-07	9.8905E-04
610952.43	4206218.03	53475.55938	0.00094	0.07470	6.45856E-07	9.3998E-04
610959.43	4206218.03	50859.00532	0.00089	0.07299	6.31071E-07	8.9401E-04
610966.43	4206218.03	48404.51087	0.00085	0.07135	6.16892E-07	8.5088E-04
610973.43	4206218.03	46100.09295	0.00081	0.06976	6.03145E-07	8.1039E-04
610980.43	4206218.03	43934.43025	0.00077	0.06823	5.89916E-07	7.7233E-04
610987.43	4206218.03	41897.493	0.00074	0.06675	5.77120E-07	7.3654E-04
610994.43	4206218.03	39980.3315	0.00070	0.06532	5.64756E-07	7.0285E-04
611001.43	4206218.03	38174.2113	0.00067	0.06394	5.52825E-07	6.7111E-04
611008.43	4206218.03	36471.7457	0.00064	0.06261	5.41326E-07	6.4119E-04
611029.43	4206218.03	31917.40546	0.00056	0.05886	5.08903E-07	5.6116E-04
611036.43	4206218.03	30563.77865	0.00054	0.05769	4.98787E-07	5.3737E-04
611043.43	4206218.03	29283.4808	0.00051	0.05655	4.88931E-07	5.1487E-04
611050.43	4206218.03	28071.7782	0.00049	0.05545	4.79420E-07	4.9358E-04
611057.43	4206218.03	26924.42404	0.00047	0.05439	4.70256E-07	4.7342E-04
611064.43	4206218.03	25837.2468	0.00045	0.05335	4.61264E-07	4.5431E-04
611071.43	4206218.03	24806.61089	0.00044	0.05235	4.52618E-07	4.3620E-04
611078.43	4206218.03	23828.91511	0.00042	0.05137	4.44145E-07	4.1902E-04
611085.43	4206218.03	22900.95133	0.00040	0.05042	4.35931E-07	4.0271E-04
611092.43	4206218.03	22019.78209	0.00039	0.04950	4.27977E-07	3.8722E-04
610294.43	4206225.03	4847.94682	0.00009	1.21899	1.05394E-05	9.5697E-05
610301.43	4206225.03	5017.95978	0.00009	1.21688	1.05211E-05	9.8665E-05
610308.43	4206225.03	5197.75727	0.00009	1.21500	1.05049E-05	1.0181E-04
610315.43	4206225.03	5387.18428	0.00009	1.21281	1.04859E-05	1.0512E-04
610322.43	4206225.03	5587.46087	0.00010	1.21061	1.04669E-05	1.0861E-04
610329.43	4206225.03	5799.97577	0.00010	1.20860	1.04495E-05	1.1233E-04
610336.43	4206225.03	6024.69967	0.00011	1.20624	1.04291E-05	1.1626E-04
610343.43	4206225.03	6264.78772	0.00011	1.20437	1.04130E-05	1.2046E-04
610350.43	4206225.03	6520.54582	0.00011	1.20249	1.03967E-05	1.2493E-04
610357.43	4206225.03	6792.78908	0.00012	1.20039	1.03786E-05	1.2970E-04
610364.43	4206225.03	7082.99288	0.00012	1.19805	1.03583E-05	1.3478E-04
610371.43	4206225.03	7392.86339	0.00013	1.19547	1.03360E-05	1.4020E-04
610378.43	4206225.03	7724.22749	0.00014	1.19265	1.03116E-05	1.4598E-04
610385.43	4206225.03	8079.13035	0.00014	1.18960	1.02853E-05	1.5220E-04
610392.43	4206225.03	8460.025	0.00015	1.18629	1.02567E-05	1.5886E-04
610399.43	4206225.03	8869.49919	0.00016	1.18273	1.02259E-05	1.6603E-04
610406.43	4206225.03	9310.52996	0.00016	1.17891	1.01929E-05	1.7374E-04
610413.43	4206225.03	9786.59689	0.00017	1.17482	1.01575E-05	1.8207E-04
610420.43	4206225.03	10301.53802	0.00018	1.17044	1.01196E-05	1.9107E-04
610427.43	4206225.03	10859.82838	0.00019	1.16575	1.00791E-05	2.0084E-04
610434.43	4206225.03	11466.62533	0.00020	1.16074	1.00358E-05	2.1146E-04
610441.43	4206225.03	12127.74099	0.00021	1.15540	9.98958E-06	2.2302E-04
610448.43	4206225.03	12850.08522	0.00023	1.14968	9.94013E-06	2.3566E-04
610455.43	4206225.03	13641.47171	0.00024	1.14358	9.88739E-06	2.4951E-04
610462.43	4206225.03	14511.24137	0.00025	1.13706	9.83102E-06	2.6473E-04
610469.43	4206225.03	15470.38324	0.00027	1.13009	9.77075E-06	2.8152E-04
610476.43	4206225.03	16531.52328	0.00029	1.12264	9.70634E-06	3.0009E-04
610483.43	4206225.03	17710.08267	0.00031	1.11466	9.63734E-06	3.2073E-04
610497.43	4206225.03	20525.26392	0.00036	1.09716	9.48604E-06	3.7003E-04
610504.43	4206225.03	22201.02022	0.00039	1.08734	9.40114E-06	3.9938E-04
610511.43	4206225.03	24096.26977	0.00042	1.07669	9.30906E-06	4.3258E-04
610518.43	4206225.03	26254.36934	0.00046	1.06515	9.20928E-06	4.7039E-04
610525.43	4206225.03	28717.23052	0.00050	1.05260	9.10077E-06	5.1354E-04
610532.43	4206225.03	31548.544	0.00055	1.03897	8.98293E-06	5.6316E-04
610539.43	4206225.03	34823.94188	0.00061	1.02414	8.85471E-06	6.2056E-04
610546.43	4206225.03	38644.83488	0.00068	1.00797	8.71490E-06	6.8754E-04
610553.43	4206225.03	43120.17504	0.00076	0.99036	8.56265E-06	7.6600E-04
610560.43	4206225.03	48410.10832	0.00085	0.97118	8.39682E-06	8.5876E-04
610567.43	4206225.03	54684.95316	0.00096	0.95035	8.21672E-06	9.6880E-04
610574.43	4206225.03	62226.98581	0.00109	0.92767	8.02063E-06	1.1011E-03
610581.43	4206225.03	71396.27772	0.00125	0.90302	7.80751E-06	1.2619E-03
610588.43	4206225.03	82633.042	0.00145	0.87628	7.57631E-06	1.4591E-03
610595.43	4206225.03	96562.40987	0.00170	0.84739	7.32653E-06	1.7035E-03
610602.43	4206225.03	113934.9619	0.00200	0.81629	7.05764E-06	2.0084E-03
610609.43	4206225.03	135151.1581	0.00237	0.78300	6.76981E-06	2.3808E-03
610616.43	4206225.03	158370.0577	0.00278	0.74760	6.46375E-06	2.7884E-03
610770.43	4206225.03	320175.727	0.00562	0.17603	1.52195E-06	5.6256E-03
610777.43	4206225.03	301951.6991	0.00530	0.16860	1.45771E-06	5.3055E-03
610784.43	4206225.03	275859.4971	0.00485	0.16178	1.39875E-06	4.8471E-03
610791.43	4206225.03	249029.6848	0.00437	0.15547	1.34419E-06	4.3757E-03
610798.43	4206225.03	225403.0209	0.00396	0.14961	1.29353E-06	3.9607E-03
610805.43	4206225.03	205082.8903	0.00360	0.14415	1.24632E-06	3.6037E-03
610812.43	4206225.03	187656.2005	0.00330	0.13904	1.20214E-06	3.2975E-03
610833.43	4206225.03	147402.0878	0.00260	0.12553	1.08539E-06	2.5973E-03
610840.43	4206225.03	137493.8106	0.00242	0.12153	1.05075E-06	2.4162E-03
610847.43	4206225.03	128265.7291	0.00225	0.11776	1.01815E-06	2.2541E-03
610854.43	4206225.03	119950.6893	0.00211	0.11418	9.87200E-07	2.1080E-03
610861.43	4206225.03	112415.4277	0.00197	0.11078	9.57803E-07	1.9756E-03
610868.43	4206225.03	105551.4435	0.00185	0.10756	9.29963E-07	1.8550E-03
610875.43	4206225.03	99271.91129	0.00174	0.10449	9.03420E-07	1.7447E-03
610882.43	4206225.03	93505.08365	0.00164	0.10156	8.78087E-07	1.6434E-03
610889.43	4206225.03	88191.54888	0.00155	0.09877	8.53965E-07	1.5500E-03
610896.43	4206225.03	83281.6805	0.00146	0.09611	8.30967E-07	1.4637E-03
610903.43	4206225.03	78733.07245	0.00138	0.09356	8.08919E-07	1.3838E-03
610910.43	4206225.03	74509.43745	0.00131	0.09112	7.87823E-07	1.3096E-03
610917.43	4206225.03	70580.36886	0.00124	0.08879	7.67678E-07	1.2406E-03
610924.43	4206225.03	66918.39386	0.00118	0.08655	7.48311E-07	1.1762E-03
610931.43	4206225.03	63500.179	0.00112	0.08440	7.29722E-07	1.1162E-03
610952.43	4206225.03	54511.9458	0.00096	0.07844	6.78192E-07	9.5822E-04
610959.43	4206225.03	51882.90753	0.00091	0.07660	6.62283E-07	9.1202E-04
610966.43	4206225.03	49414.24726	0.00087	0.07483	6.46980E-07	8.6864E-04
610973.43	4206225.03	47093.90651	0.00083	0.07313	6.32282E-07	8.2787E-04
610980.43	4206225.03	44911.19934	0.00079	0.07148	6.18016E-07	7.8952E-04
610987.43	4206225.03	42855.99778	0.00075	0.06990	6.04355E-07	7.5340E-04
610994.43	4206225.03	40919.54504	0.00072	0.06837	5.91127E-07	7.1937E-04
611001.43	4206225.03	39093.62166	0.00069	0.06689	5.78331E-07	6.8729E-04
611008.43	4206225.03	37370.54746	0.00066	0.06546	5.65967E-07	6.5701E-04
611029.43	4206225.03	32752.88046	0.00058	0.06145	5.31296E-07	5.7586E-04
611036.43	4206225.03	31377.76233	0.00055	0.06020	5.20489E-07	5.5169E-04
611043.43	4206225.03	30076.0244	0.00053	0.05899	5.10027E-07	5.2882E-04
611050.43	4206225.03	28841.08511	0.00051	0.05781	4.99825E-07	5.0715E-04
611057.43	4206225.03	27674.54983	0.00049	0.05668	4.90055E-07	4.8661E-04
611064.43	4206225.03	26566.63069	0.00047	0.05557	4.80458E-07	4.6714E-04
611071.43	4206225.03	25515.30549	0.00045	0.05450	4.71207E-07	4.4867E-04
611078.43	4206225.03	24517.33199	0.00043	0.05346	4.62215E-07	4.3113E-04
611085.43	4206225.03	23569.55624	0.00041	0.05246	4.53569E-07	4.1447E-04
611092.43	4206225.03	22668.78425	0.00040	0.05148	4.45096E-07	3.9864E-04
610294.43	4206232.03	4730.62395	0.00008	1.34265	1.16085E-05	9.4705E-05
610301.43	4206232.03	4894.02554	0.00009	1.34003	1.15859E-05	9.7553E-05
610308.43	4206232.03	5066.72692	0.00009	1.33775	1.15662E-05	1.0057E-04
610315.43	4206232.03	5248.58933	0.00009	1.33516	1.15438E-05	1.0374E-04
610322.43	4206232.03	5441.17868	0.00010	1.33282	1.15236E-05	1.0710E-04
610329.43	4206232.03	5644.91606	0.00010	1.33047	1.15032E-05	1.1066E-04
610336.43	4206232.03	5860.18301	0.00010	1.32779	1.14801E-05	1.1442E-04
610343.43	4206232.03	6090.57624	0.00011	1.32589	1.14636E-05	1.1845E-04
610350.43	4206232.03	6335.8605	0.00011	1.32399	1.14472E-05	1.2274E-04
610357.43	4206232.03	6596.75981	0.00012	1.32183	1.14285E-05	1.2731E-04
610364.43	4206232.03	6874.71309	0.00012	1.31942	1.14077E-05	1.3217E-04
610371.43	4206232.03	7171.38449	0.00013	1.31676	1.13847E-05	1.3735E-04
610378.43	4206232.03	7488.16637	0.00013	1.31384	1.13595E-05	1.4289E-04
610385.43	4206232.03	7827.36119	0.00014	1.31068	1.13321E-05	1.4883E-04
610392.43	4206232.03	8191.10341	0.00014	1.30726	1.13026E-05	1.5519E-04
610399.43	4206232.03	8581.81373	0.00015	1.30357	1.12707E-05	1.6202E-04
610406.43	4206232.03	9002.37683	0.00016	1.29962	1.12365E-05	1.6937E-04
610413.43	4206232.03	9455.93221	0.00017	1.29539	1.11999E-05	1.7738E-04
610420.43	4206232.03	9946.15297	0.00017	1.29086	1.11608E-05	1.8587E-04
610427.43	4206232.03	10477.22549	0.00018	1.28601	1.11188E-05	1.9516E-04
610434.43	4206232.03	11053.91165	0.00019	1.28084	1.10741E-05	2.0524E-04
610441.43	4206232.03	11681.78474	0.00021	1.27531	1.10263E-05	2.1623E-04
610448.43	4206232.03	12367.16755	0.00022	1.26941	1.09753E-05	2.2821E-04
610455.43	4206232.03	13117.57102	0.00023	1.26311	1.09208E-05	2.4134E-04
610462.43	4206232.03	13941.73398	0.00024	1.25639	1.08627E-05	2.5576E-04
610469.43	4206232.03	14849.84427	0.00026	1.24921	1.08007E-05	2.7165E-04
610476.43	4206232.03	15853.93971	0.00028	1.24154	1.07343E-05	2.8922E-04
610483.43	4206232.03	16968.55314	0.00030	1.23333	1.06634E-05	3.0873E-04
610497.43	4206232.03	19627.41332	0.00034	1.21533	1.05077E-05	3.5528E-04
610504.43	4206232.03	21208.25551	0.00037	1.20523	1.04204E-05	3.8296E-04
610511.43	4206232.03	22999.52433	0.00040	1.19431	1.03260E-05	4.1433E-04
610518.43	4206232.03	25033.12766	0.00044	1.18245	1.02235E-05	4.4995E-04
610525.43	4206232.03	27363.08024	0.00048	1.16958	1.01122E-05	4.9076E-04
610532.43	4206232.03	30040.53836	0.00053	1.15556	9.99097E-06	5.3768E-04
610539.43	4206232.03	33147.59036	0.00058	1.14028	9.85886E-06	5.9212E-04
610546.43	4206232.03	36774.2275	0.00065	1.12358	9.71447E-06	6.5568E-04
610553.43	4206232.03	41032.72527	0.00072	1.10535	9.55685E-06	7.3033E-04
610560.43	4206232.03	46082.17226	0.00081	1.08538	9.38419E-06	8.1885E-04
610567.43	4206232.03	52112.44554	0.00092	1.06356	9.19553E-06	9.2459E-04
610574.43	4206232.03	59392.79073	0.00104	1.03966	8.98890E-06	1.0523E-03
610581.43	4206232.03	68286.70039	0.00120	1.01347	8.76246E-06	1.2083E-03
610588.43	4206232.03	79239.30101	0.00139	0.98488	8.51527E-06	1.4004E-03
610595.43	4206232.03	92884.53832	0.00163	0.95369	8.24560E-06	1.6398E-03
610602.43	4206232.03	109952.654	0.00193	0.91981	7.95267E-06	1.9394E-03
610609.43	4206232.03	130914.5995	0.00230	0.88319	7.63606E-06	2.3072E-03
610616.43	4206232.03	153974.6054	0.00270	0.84382	7.29566E-06	2.7120E-03
610770.43	4206232.03	319446.6786	0.00561	0.18860	1.63063E-06	5.6129E-03
610777.43	4206232.03	301191.3554	0.00529	0.18050	1.56060E-06	5.2922E-03
610784.43	4206232.03	275218.3587	0.00483	0.17306	1.49628E-06	4.8359E-03
610791.43	4206232.03	248582.9905	0.00437	0.16618	1.43679E-06	4.3680E-03
610798.43	4206232.03	225172.2922	0.00396	0.15979	1.38154E-06	3.9567E-03
610805.43	4206232.03	205040.7333	0.00360	0.15384	1.33010E-06	3.6030E-03
610812.43	4206232.03	187763.5876	0.00330	0.14828	1.28203E-06	3.2995E-03
610833.43	4206232.03	148253.9298	0.00260	0.13357	1.15485E-06	2.6053E-03
610840.43	4206232.03	138026.1578	0.00242	0.12922	1.11724E-06	2.4256E-03
610847.43	4206232.03	128869.5362	0.00226	0.12511	1.08170E-06	2.2648E-03
610854.43	4206232.03	120616.373	0.00212	0.12121	1.04798E-06	2.1198E-03
610861.43	4206232.03	113135.2081	0.00199	0.11752	1.01608E-06	1.9883E-03
610868.43	4206232.03	106318.9138	0.00187	0.11401	9.85730E-07	1.8686E-03
610875.43	4206232.03	100080.3483	0.00176	0.11068	9.56939E-07	1.7589E-03
610882.43	4206232.03	94348.24018	0.00166	0.10750	9.29444E-07	1.6582E-03
610889.43	4206232.03	89063.94551	0.00156	0.10447	9.03247E-07	1.5654E-03
610896.43	4206232.03	84178.55486	0.00148	0.10158	8.78260E-07	1.4795E-03
610903.43	4206232.03	79649.2818	0.00140	0.09882	8.54397E-07	1.4000E-03
610910.43	4206232.03	75440.87333	0.00133	0.09617	8.31485E-07	1.3260E-03
610917.43	4206232.03	71522.44131	0.00126	0.09364	8.09611E-07	1.2572E-03
610924.43	4206232.03	67867.69741	0.00119	0.09122	7.88688E-07	1.1929E-03
610931.43	4206232.03	64453.06011	0.00113	0.08889	7.68543E-07	1.1329E-03
610952.43	4206232.03	55457.89819	0.00097	0.08246	7.12949E-07	9.7487E-04
610959.43	4206232.03	52821.64599	0.00093	0.08048	6.95830E-07	9.2855E-04
610966.43	4206232.03	50343.70865	0.00088	0.07857	6.79316E-07	8.8500E-04
610973.43	4206232.03	48012.37631	0.00084	0.07673	6.63407E-07	8.4404E-04
610980.43	4206232.03	45817.09034	0.00080	0.07497	6.48190E-07	8.0546E-04
610987.43	4206232.03	43748.19805	0.00077	0.07326	6.33406E-07	7.6910E-04
610994.43	4206232.03	41796.77499	0.00073	0.07161	6.19140E-07	7.3481E-04
611001.43	4206232.03	39954.97674	0.00070	0.07003	6.05479E-07	7.0244E-04
611008.43	4206232.03	38215.39855	0.00067	0.06849	5.92164E-07	6.7187E-04
611029.43	4206232.03	33544.56514	0.00059	0.06420	5.55073E-07	5.8979E-04
611036.43	4206232.03	32151.21319	0.00056	0.06286	5.43487E-07	5.6530E-04
611043.43	4206232.03	30831.02863	0.00054	0.06156	5.32247E-07	5.4210E-04
611050.43	4206232.03	29579.50264	0.00052	0.06031	5.21440E-07	5.2011E-04
611057.43	4206232.03	28392.5804	0.00050	0.05909	5.10892E-07	4.9925E-04
611064.43	4206232.03	27265.99555	0.00048	0.05792	5.00776E-07	4.7945E-04
611071.43	4206232.03	26196.42367	0.00046	0.05678	4.90920E-07	4.6065E-04
611078.43	4206232.03	25180.34711	0.00044	0.05567	4.81323E-07	4.4279E-04
611085.43	4206232.03	24214.53531	0.00043	0.05460	4.72071E-07	4.2582E-04

611092.43	4206232.03	23296.17905	0.00041	0.05356	4.63079E-07	4.0968E-04
610294.43	4206239.03	4614.31386	0.00008	1.48970	1.28799E-05	9.3934E-05
610301.43	4206239.03	4771.63643	0.00008	1.48681	1.28550E-05	9.6672E-05
610308.43	4206239.03	4937.40947	0.00009	1.48393	1.28301E-05	9.9559E-05
610315.43	4206239.03	5112.23602	0.00009	1.48116	1.28061E-05	1.0261E-04
610322.43	4206239.03	5296.85444	0.00009	1.47826	1.27810E-05	1.0582E-04
610329.43	4206239.03	5492.01322	0.00010	1.47545	1.27567E-05	1.0923E-04
610336.43	4206239.03	5698.07321	0.00010	1.47234	1.27298E-05	1.1282E-04
610343.43	4206239.03	5918.98453	0.00010	1.47037	1.27128E-05	1.1668E-04
610350.43	4206239.03	6154.01186	0.00011	1.46840	1.26958E-05	1.2080E-04
610357.43	4206239.03	6403.87406	0.00011	1.46614	1.26762E-05	1.2516E-04
610364.43	4206239.03	6669.83583	0.00012	1.46362	1.26545E-05	1.2982E-04
610371.43	4206239.03	6953.38906	0.00012	1.46082	1.26302E-05	1.3477E-04
610378.43	4206239.03	7256.17639	0.00013	1.45775	1.26037E-05	1.4006E-04
610385.43	4206239.03	7579.99188	0.00013	1.45443	1.25750E-05	1.4572E-04
610392.43	4206239.03	7926.96325	0.00014	1.45084	1.25440E-05	1.5179E-04
610399.43	4206239.03	8299.36742	0.00015	1.44698	1.25106E-05	1.5830E-04
610406.43	4206239.03	8699.83861	0.00015	1.44284	1.24748E-05	1.6529E-04
610413.43	4206239.03	9131.4221	0.00016	1.43840	1.24364E-05	1.7284E-04
610420.43	4206239.03	9597.39169	0.00017	1.43366	1.23954E-05	1.8098E-04
610427.43	4206239.03	10101.78474	0.00018	1.42860	1.23517E-05	1.8980E-04
610434.43	4206239.03	10648.94464	0.00019	1.42319	1.23049E-05	1.9936E-04
610441.43	4206239.03	11244.09583	0.00020	1.41742	1.22550E-05	2.0977E-04
610448.43	4206239.03	11893.1704	0.00021	1.41126	1.22017E-05	2.2111E-04
610455.43	4206239.03	12603.12934	0.00022	1.40470	1.21450E-05	2.3353E-04
610462.43	4206239.03	13382.06888	0.00024	1.39770	1.20845E-05	2.4715E-04
610469.43	4206239.03	14239.57987	0.00025	1.39023	1.20199E-05	2.6215E-04
610476.43	4206239.03	15186.87637	0.00027	1.38227	1.19511E-05	2.7872E-04
610483.43	4206239.03	16237.49577	0.00029	1.37376	1.18775E-05	2.9710E-04
610487.43	4206239.03	18739.19125	0.00033	1.35512	1.17164E-05	3.4088E-04
610504.43	4206239.03	20223.88004	0.00036	1.34468	1.16261E-05	3.6687E-04
610511.43	4206239.03	21905.74064	0.00038	1.33342	1.15287E-05	3.9632E-04
610518.43	4206239.03	23818.31206	0.00042	1.32120	1.14231E-05	4.2981E-04
610525.43	4206239.03	26006.597	0.00046	1.30795	1.13085E-05	4.6813E-04
610532.43	4206239.03	28527.12773	0.00050	1.29353	1.11839E-05	5.1228E-04
610539.43	4206239.03	31446.10351	0.00055	1.27780	1.10479E-05	5.6342E-04
610546.43	4206239.03	34863.82095	0.00061	1.26060	1.08991E-05	6.2331E-04
610553.43	4206239.03	38892.78175	0.00068	1.24174	1.07361E-05	6.9392E-04
610560.43	4206239.03	43684.78908	0.00077	1.22100	1.05568E-05	7.7791E-04
610567.43	4206239.03	49439.48274	0.00087	1.19820	1.03596E-05	8.7880E-04
610574.43	4206239.03	56419.86388	0.00099	1.17308	1.01424E-05	1.0012E-03
610581.43	4206239.03	64965.67114	0.00114	1.14542	9.9033E-06	1.1511E-03
610588.43	4206239.03	75575.17264	0.00133	1.11494	9.63077E-06	1.3372E-03
610595.43	4206239.03	88868.23581	0.00156	1.08138	9.34961E-06	1.5704E-03
610602.43	4206239.03	105592.3903	0.00185	1.04454	9.03109E-06	1.8638E-03
610609.43	4206239.03	126183.5959	0.00222	1.00434	8.68352E-06	2.2252E-03
610616.43	4206239.03	149022.0633	0.00262	0.96061	8.30543E-06	2.6260E-03
610770.43	4206239.03	318501.0795	0.00559	0.20292	1.75445E-06	5.5965E-03
610777.43	4206239.03	300264.5342	0.00527	0.19402	1.67750E-06	5.2760E-03
610784.43	4206239.03	274405.2752	0.00482	0.18585	1.60686E-06	4.8217E-03
610791.43	4206239.03	247987.6701	0.00436	0.17830	1.54158E-06	4.3576E-03
610798.43	4206239.03	224789.972	0.00395	0.17128	1.48089E-06	3.9501E-03
610805.43	4206239.03	204849.9799	0.00360	0.16475	1.42443E-06	3.5998E-03
610812.43	4206239.03	187722.6518	0.00330	0.15865	1.37169E-06	3.2989E-03
610833.43	4206239.03	148551.3414	0.00261	0.14251	1.23214E-06	2.6106E-03
610840.43	4206239.03	138405.2385	0.00243	0.13775	1.19099E-06	2.4324E-03
610847.43	4206239.03	129320.1431	0.00227	0.13324	1.15199E-06	2.2728E-03
610854.43	4206239.03	121130.0494	0.00213	0.12898	1.11516E-06	2.1289E-03
610861.43	4206239.03	113704.5719	0.00200	0.12494	1.08023E-06	1.9984E-03
610868.43	4206239.03	106938.2248	0.00188	0.12111	1.04712E-06	1.8795E-03
610875.43	4206239.03	100743.4186	0.00177	0.11747	1.01565E-06	1.7706E-03
610882.43	4206239.03	95050.22544	0.00167	0.11400	9.85643E-07	1.6706E-03
610889.43	4206239.03	89799.42699	0.00158	0.11069	9.57025E-07	1.5783E-03
610896.43	4206239.03	84942.10947	0.00149	0.10754	9.29790E-07	1.4930E-03
610903.43	4206239.03	80437.05987	0.00141	0.10453	9.03766E-07	1.4138E-03
610910.43	4206239.03	76248.50059	0.00134	0.10166	8.78852E-07	1.3402E-03
610917.43	4206239.03	72345.99838	0.00127	0.09890	8.55089E-07	1.2717E-03
610924.43	4206239.03	68703.30071	0.00121	0.09627	8.32350E-07	1.2077E-03
610931.43	4206239.03	65297.55795	0.00115	0.09375	8.10562E-07	1.1478E-03
610952.43	4206239.03	56310.81139	0.00099	0.08678	7.50299E-07	9.8989E-04
610959.43	4206239.03	53672.42436	0.00094	0.08463	7.31711E-07	9.4353E-04
610966.43	4206239.03	51190.14086	0.00090	0.08257	7.13900E-07	8.9991E-04
610973.43	4206239.03	48852.51939	0.00086	0.08059	6.96781E-07	8.5883E-04
610980.43	4206239.03	46649.32453	0.00082	0.07868	6.80267E-07	8.2011E-04
610987.43	4206239.03	44570.99676	0.00078	0.07685	6.64445E-07	7.8359E-04
610994.43	4206239.03	42609.00108	0.00075	0.07507	6.49055E-07	7.4911E-04
611001.43	4206239.03	40755.40081	0.00072	0.07337	6.34357E-07	7.1653E-04
611008.43	4206239.03	39003.06736	0.00069	0.07172	6.20091E-07	6.8574E-04
611029.43	4206239.03	34289.84087	0.00060	0.06711	5.80233E-07	6.0291E-04
611036.43	4206239.03	32881.28901	0.00058	0.06568	5.67869E-07	5.7815E-04
611043.43	4206239.03	31545.58546	0.00055	0.06429	5.55851E-07	5.5468E-04
611050.43	4206239.03	30278.40975	0.00053	0.06295	5.44265E-07	5.3241E-04
611057.43	4206239.03	29076.43176	0.00051	0.06165	5.33026E-07	5.1126E-04
611064.43	4206239.03	27932.9948	0.00049	0.06039	5.22132E-07	4.9119E-04
611071.43	4206239.03	26847.41493	0.00047	0.05918	5.11670E-07	4.7211E-04
611078.43	4206239.03	25815.32062	0.00045	0.05800	5.01640E-07	4.5397E-04
611085.43	4206239.03	24833.657	0.00044	0.05685	4.91525E-07	4.3671E-04
611092.43	4206239.03	23899.49623	0.00042	0.05575	4.82014E-07	4.2029E-04
610294.43	4206246.03	4499.84419	0.00008	1.66803	1.44218E-05	9.3465E-05
610301.43	4206246.03	4650.84594	0.00008	1.66434	1.43899E-05	9.6085E-05
610308.43	4206246.03	4809.82823	0.00008	1.66070	1.43584E-05	9.8847E-05
610315.43	4206246.03	4977.37984	0.00009	1.65720	1.43281E-05	1.0176E-04
610322.43	4206246.03	5154.19899	0.00009	1.65371	1.42980E-05	1.0484E-04
610329.43	4206246.03	5340.99037	0.00009	1.65030	1.42685E-05	1.0809E-04
610336.43	4206246.03	5538.99015	0.00010	1.64719	1.42416E-05	1.1154E-04
610343.43	4206246.03	5750.17849	0.00010	1.64479	1.42208E-05	1.1523E-04
610350.43	4206246.03	5975.22315	0.00010	1.64268	1.42026E-05	1.1916E-04
610357.43	4206246.03	6214.28069	0.00011	1.64026	1.41817E-05	1.2334E-04
610364.43	4206246.03	6468.59364	0.00011	1.63754	1.41582E-05	1.2778E-04
610371.43	4206246.03	6739.48786	0.00012	1.63453	1.41321E-05	1.3252E-04
610378.43	4206246.03	7028.46486	0.00012	1.63124	1.41037E-05	1.3756E-04
610385.43	4206246.03	7337.34539	0.00013	1.62767	1.40728E-05	1.4296E-04
610392.43	4206246.03	7667.9618	0.00013	1.62383	1.40396E-05	1.4873E-04
610399.43	4206246.03	8022.52731	0.00014	1.61971	1.40040E-05	1.5493E-04
610406.43	4206246.03	8403.44344	0.00015	1.61530	1.39659E-05	1.6158E-04
610413.43	4206246.03	8813.47797	0.00015	1.61059	1.39252E-05	1.6874E-04
610420.43	4206246.03	9255.90217	0.00016	1.60555	1.38816E-05	1.7647E-04
610427.43	4206246.03	9734.20351	0.00017	1.60017	1.38351E-05	1.8482E-04
610434.43	4206246.03	10252.54289	0.00018	1.59443	1.37854E-05	1.9388E-04
610441.43	4206246.03	10815.68149	0.00019	1.58831	1.37325E-05	2.0372E-04
610448.43	4206246.03	11429.19229	0.00020	1.58179	1.36761E-05	2.1444E-04
610455.43	4206246.03	12099.45766	0.00021	1.57486	1.36162E-05	2.2615E-04
610462.43	4206246.03	12831.97386	0.00023	1.56747	1.35523E-05	2.3899E-04
610469.43	4206246.03	13641.64223	0.00024	1.55961	1.34844E-05	2.5311E-04
610476.43	4206246.03	14532.87127	0.00026	1.55124	1.34120E-05	2.6869E-04
610483.43	4206246.03	15520.12386	0.00027	1.54233	1.33350E-05	2.8596E-04
610497.43	4206246.03	17862.70741	0.00031	1.52279	1.31660E-05	3.2694E-04
610504.43	4206246.03	19253.58048	0.00034	1.51192	1.30721E-05	3.5128E-04
610511.43	4206246.03	20824.91158	0.00037	1.50021	1.29708E-05	3.7878E-04
610518.43	4206246.03	22610.72148	0.00040	1.48757	1.28615E-05	4.1004E-04
610525.43	4206246.03	24657.13003	0.00043	1.47385	1.27429E-05	4.4586E-04
610532.43	4206246.03	27010.58304	0.00047	1.45896	1.26142E-05	4.8707E-04
610539.43	4206246.03	29742.33253	0.00052	1.44274	1.24739E-05	5.3492E-04
610546.43	4206246.03	32939.52289	0.00058	1.42499	1.23205E-05	5.9093E-04
610553.43	4206246.03	36715.42188	0.00064	1.40551	1.21520E-05	6.5709E-04
610560.43	4206246.03	41225.42364	0.00072	1.38405	1.19665E-05	7.3612E-04
610567.43	4206246.03	46661.14339	0.00082	1.36030	1.17611E-05	8.3140E-04
610574.43	4206246.03	53295.76016	0.00094	1.33398	1.15336E-05	9.4771E-04
610581.43	4206246.03	61463.86632	0.00108	1.30483	1.12816E-05	1.0909E-03
610588.43	4206246.03	71668.73875	0.00126	1.27242	1.10013E-05	1.2699E-03
610595.43	4206246.03	84518.21443	0.00148	1.23651	1.06909E-05	1.4953E-03
610602.43	4206246.03	100815.4089	0.00177	1.19663	1.03461E-05	1.7812E-03
610609.43	4206246.03	120991.5226	0.00213	1.15259	9.96529E-06	2.1353E-03
610616.43	4206246.03	143525.7458	0.00252	1.10412	9.54622E-06	2.5307E-03
610770.43	4206246.03	317334.289	0.00557	0.21932	1.89624E-06	5.5761E-03
610777.43	4206246.03	299149.1138	0.00525	0.20946	1.81099E-06	5.2566E-03
610784.43	4206246.03	273428.9118	0.00480	0.20041	1.73274E-06	4.8047E-03
610791.43	4206246.03	247272.7242	0.00434	0.19205	1.66046E-06	4.3452E-03
610798.43	4206246.03	224249.8196	0.00394	0.18429	1.59337E-06	3.9407E-03
610805.43	4206246.03	204502.8088	0.00359	0.17706	1.53086E-06	3.5938E-03
610812.43	4206246.03	187527.3386	0.00329	0.17031	1.47250E-06	3.2955E-03
610833.43	4206246.03	148690.5032	0.00261	0.15248	1.31834E-06	2.6132E-03
610840.43	4206246.03	138625.5541	0.00244	0.14722	1.27286E-06	2.4363E-03
610847.43	4206246.03	129613.3294	0.00228	0.14226	1.22998E-06	2.2780E-03
610854.43	4206246.03	121488.3155	0.00213	0.13756	1.18934E-06	2.1352E-03
610861.43	4206246.03	114120.8753	0.00200	0.13312	1.15095E-06	2.0058E-03
610868.43	4206246.03	107406.7278	0.00189	0.12890	1.11447E-06	1.8878E-03
610875.43	4206246.03	101259.5225	0.00178	0.12490	1.07988E-06	1.7798E-03
610882.43	4206246.03	95608.19353	0.00168	0.12110	1.04703E-06	1.6805E-03
610889.43	4206246.03	90394.66198	0.00159	0.11747	1.01565E-06	1.5889E-03
610896.43	4206246.03	85570.43423	0.00150	0.11402	9.85816E-07	1.5041E-03
610903.43	4206246.03	81094.00708	0.00142	0.11073	9.57571E-07	1.4254E-03
610910.43	4206246.03	76930.02442	0.00135	0.10759	9.30223E-07	1.3523E-03
610917.43	4206246.03	73048.45634	0.00128	0.10459	9.04285E-07	1.2841E-03
610924.43	4206246.03	69423.01452	0.00122	0.10172	8.79471E-07	1.2203E-03
610931.43	4206246.03	66031.04849	0.00116	0.09898	8.55781E-07	1.1607E-03
610938.43	4206246.03	62852.62978	0.00110	0.09635	8.33042E-07	1.1049E-03
610959.43	4206246.03	54432.45059	0.00096	0.08908	7.70185E-07	9.5692E-04
610966.43	4206246.03	51950.66522	0.00091	0.08685	7.50905E-07	9.1330E-04
610973.43	4206246.03	49611.62903	0.00087	0.08471	7.32402E-07	8.7220E-04
610980.43	4206246.03	47404.95223	0.00083	0.08265	7.14591E-07	8.3342E-04
610987.43	4206246.03	45321.73044	0.00080	0.08066	6.97386E-07	7.9681E-04
610994.43	4206246.03	43353.2084	0.00076	0.07875	6.80872E-07	7.6221E-04
611001.43	4206246.03	41491.98959	0.00073	0.07691	6.64963E-07	7.2950E-04
611008.43	4206246.03	39730.76622	0.00070	0.07514	6.49660E-07	6.9855E-04
611029.43	4206246.03	34985.73633	0.00061	0.07019	6.06862E-07	6.1516E-04
611036.43	4206246.03	33565.12263	0.00059	0.06865	5.93548E-07	5.9019E-04
611043.43	4206246.03	32217.02238	0.00057	0.06717	5.80751E-07	5.6650E-04
611050.43	4206246.03	30936.91267	0.00054	0.06573	5.68301E-07	5.4400E-04
611057.43	4206246.03	29720.77784	0.00052	0.06434	5.56283E-07	5.2262E-04
611064.43	4206246.03	28564.90845	0.00050	0.06300	5.44698E-07	5.0231E-04
611071.43	4206246.03	27465.66897	0.00048	0.06170	5.33458E-07	4.8299E-04
611078.43	4206246.03	26419.84964	0.00046	0.06044	5.22564E-07	4.6461E-04
611085.43	4206246.03	25424.39983	0.00045	0.05922	5.12016E-07	4.4711E-04
611092.43	4206246.03	24476.44824	0.00043	0.05804	5.01814E-07	4.3045E-04
610294.43	4206253.03	4386.56189	0.00008	1.88733	1.63178E-05	9.3371E-05
610301.43	4206253.03	4531.75243	0.00008	1.88284	1.62790E-05	9.5883E-05
610308.43	4206253.03	4684.14744	0.00008	1.87828	1.62396E-05	9.8520E-05
610315.43	4206253.03	4844.63177	0.00009	1.87374	1.62003E-05	1.0130E-04
610322.43	4206253.03	5014.2814	0.00009	1.86979	1.61662E-05	1.0425E-04
610329.43	4206253.03	5192.9502	0.00009	1.86551	1.61292E-05	1.0735E-04
610336.43	4206253.03	5382.19264	0.00009	1.86170	1.60962E-05	1.1064E-04
610343.43	4206253.03	5584.37348	0.00010	1.85901	1.60730E-05	1.1417E-04
610350.43	4206253.03	5799.72244	0.00010	1.85666	1.60527E-05	1.1793E-04
610357.43	4206253.03	6028.27067	0.00011	1.85395	1.60292E-05	1.2192E-04
610364.43	4206253.03	6271.17277	0.00011	1.85092	1.60030E-05	1.2616E-04
610371.43	4206253.03	6529.75465	0.00011	1.84758	1.59742E-05	1.3067E-04
610378.43	4206253.03	6805.37352	0.00012	1.84394	1.59427E-05	1.3548E-04
610385.43	4206253.03	7099.65609	0.00012	1.84002	1.59088E-05	1.4062E-04
610392.43	4206253.03	7414.43756	0.00013	1.83581	1.58724E-05	1.4611E-04
610399.43	4206253.03	7751.61726	0.00014	1.83131	1.58335E-05	1.5200E-04
610406.43	4206253.03	8113.5425	0.00014	1.82650	1.57919E-05	1.5831E-04
610413.43	4206253.03	8502.7684	0.00015	1.82137	1.57476E-05	1.6510E-04
610420.43	4206253.03	8922.17967	0.00016	1.81590	1.57003E-05	1.7242E-04
610427.43	4206253.03	9375.14822	0.00016	1.81007	1.56499E-05	1.8033E-04
610434.43	4206253.03	9865.41436	0.00017	1.80386	1.55962E-05	1.8889E-04

610441.43	4206253.03	10397.43355	0.00018	1.79725	1.55390E-05	1.9818E-04
610448.43	4206253.03	10976.28824	0.00019	1.79021	1.54781E-05	2.0828E-04
610455.43	4206253.03	11607.80307	0.00020	1.78274	1.54136E-05	2.1931E-04
610462.43	4206253.03	12298.94839	0.00022	1.77481	1.53450E-05	2.3139E-04
610469.43	4206253.03	13057.89246	0.00023	1.76639	1.52722E-05	2.4464E-04
610476.43	4206253.03	13894.1277	0.00024	1.75746	1.51950E-05	2.5926E-04
610483.43	4206253.03	14819.10333	0.00026	1.74797	1.51129E-05	2.7542E-04
610497.43	4206253.03	17007.2244	0.00030	1.72723	1.49336E-05	3.1368E-04
610504.43	4206253.03	18302.27326	0.00032	1.71575	1.48344E-05	3.3631E-04
610511.43	4206253.03	19766.41216	0.00035	1.70344	1.47279E-05	3.6194E-04
610518.43	4206253.03	21425.23544	0.00038	1.69020	1.46135E-05	3.9096E-04
610525.43	4206253.03	23321.02638	0.00041	1.67591	1.44899E-05	4.2414E-04
610532.43	4206253.03	25507.28325	0.00045	1.66042	1.43560E-05	4.6241E-04
610539.43	4206253.03	28040.36876	0.00049	1.64359	1.42105E-05	5.0676E-04
610546.43	4206253.03	31011.51072	0.00054	1.62523	1.40517E-05	5.5879E-04
610553.43	4206253.03	34518.70615	0.00061	1.60512	1.38779E-05	6.2022E-04
610560.43	4206253.03	38723.51843	0.00068	1.58285	1.36853E-05	6.9389E-04
610567.43	4206253.03	43815.33662	0.00077	1.55817	1.34719E-05	7.8312E-04
610574.43	4206253.03	50049.19752	0.00088	1.53068	1.32343E-05	8.9239E-04
610581.43	4206253.03	57778.82667	0.00101	1.50005	1.29694E-05	1.0279E-03
610588.43	4206253.03	67502.29511	0.00119	1.46573	1.26727E-05	1.1984E-03
610595.43	4206253.03	79838.06197	0.00140	1.42741	1.23414E-05	1.4148E-03
610602.43	4206253.03	95582.75428	0.00168	1.38448	1.19702E-05	1.6910E-03
610609.43	4206253.03	115254.0988	0.00202	1.33645	1.15549E-05	2.0361E-03
610616.43	4206253.03	137306.39	0.00241	1.28297	1.10926E-05	2.4230E-03
610770.43	4206253.03	315921.5126	0.00555	0.23821	2.05956E-06	5.5515E-03
610777.43	4206253.03	297814.4424	0.00523	0.22718	1.96420E-06	5.2333E-03
610784.43	4206253.03	272262.0991	0.00478	0.21706	1.87670E-06	4.7844E-03
610791.43	4206253.03	246408.72	0.00433	0.20771	1.79586E-06	4.3301E-03
610798.43	4206253.03	223538.9356	0.00393	0.19904	1.72006E-06	3.9283E-03
610805.43	4206253.03	203985.368	0.00358	0.19096	1.65104E-06	3.5848E-03
610812.43	4206253.03	187162.3054	0.00329	0.18343	1.58593E-06	3.2892E-03
610840.43	4206253.03	138677.9739	0.00244	0.15773	1.36373E-06	2.4373E-03
610847.43	4206253.03	129739.5735	0.00228	0.15222	1.31609E-06	2.2803E-03
610854.43	4206253.03	121682.7162	0.00214	0.14702	1.27113E-06	2.1387E-03
610861.43	4206253.03	114376.7641	0.00201	0.14210	1.22860E-06	2.0103E-03
610868.43	4206253.03	107717.9667	0.00189	0.13744	1.18831E-06	1.8933E-03
610875.43	4206253.03	101621.6516	0.00179	0.13303	1.15018E-06	1.7862E-03
610882.43	4206253.03	96016.94332	0.00169	0.12884	1.11395E-06	1.6877E-03
610889.43	4206253.03	90845.6937	0.00160	0.12485	1.07945E-06	1.5969E-03
610896.43	4206253.03	86050.09413	0.00151	0.12106	1.04668E-06	1.5127E-03
610903.43	4206253.03	81616.20772	0.00143	0.11745	1.01547E-06	1.4347E-03
610910.43	4206253.03	77482.02351	0.00136	0.11401	9.85730E-07	1.3620E-03
610917.43	4206253.03	73626.45646	0.00129	0.11073	9.57371E-07	1.2943E-03
610924.43	4206253.03	70023.47645	0.00123	0.10759	9.30223E-07	1.2309E-03
610931.43	4206253.03	66650.5976	0.00117	0.10460	9.04371E-07	1.1717E-03
610938.43	4206253.03	63488.13989	0.00112	0.10173	8.79557E-07	1.1161E-03
610966.43	4206253.03	52622.51465	0.00092	0.09142	7.90417E-07	9.2514E-04
610973.43	4206253.03	50286.58385	0.00088	0.08910	7.70358E-07	8.8409E-04
610980.43	4206253.03	48081.26975	0.00084	0.08687	7.51078E-07	8.4533E-04
610987.43	4206253.03	45997.33768	0.00081	0.08472	7.32488E-07	8.0871E-04
610994.43	4206253.03	44026.77195	0.00077	0.08266	7.14678E-07	7.7408E-04
611001.43	4206253.03	42161.77431	0.00074	0.08068	6.97559E-07	7.4130E-04
611008.43	4206253.03	40395.74399	0.00071	0.07877	6.81045E-07	7.1026E-04
611029.43	4206253.03	35629.48282	0.00063	0.07344	6.34962E-07	6.2649E-04
611036.43	4206253.03	34200.1767	0.00060	0.07179	6.20696E-07	6.0137E-04
611043.43	4206253.03	32842.67529	0.00058	0.07020	6.06949E-07	5.7751E-04
611050.43	4206253.03	31552.55176	0.00055	0.06866	5.93634E-07	5.5484E-04
611057.43	4206253.03	30325.98531	0.00053	0.06718	5.80838E-07	5.3328E-04
611064.43	4206253.03	29158.17919	0.00051	0.06574	5.68388E-07	5.1277E-04
611071.43	4206253.03	28048.77465	0.00049	0.06435	5.56370E-07	4.9325E-04
611078.43	4206253.03	26991.55457	0.00047	0.06301	5.44784E-07	4.7467E-04
611085.43	4206253.03	25984.53632	0.00046	0.06171	5.33544E-07	4.5697E-04
611092.43	4206253.03	25024.85682	0.00044	0.06045	5.22650E-07	4.4010E-04
610294.43	4206260.03	4275.34473	0.00008	2.16333	1.87041E-05	9.3804E-05
610301.43	4206260.03	4414.12527	0.00008	2.15708	1.86501E-05	9.6187E-05
610308.43	4206260.03	4560.44188	0.00008	2.15154	1.86022E-05	9.8710E-05
610315.43	4206260.03	4714.45501	0.00008	2.14612	1.85553E-05	1.0137E-04
610322.43	4206260.03	4876.33338	0.00009	2.14066	1.85081E-05	1.0416E-04
610329.43	4206260.03	5047.48094	0.00009	2.13559	1.84643E-05	1.0713E-04
610336.43	4206260.03	5228.22607	0.00009	2.13080	1.84229E-05	1.1026E-04
610343.43	4206260.03	5421.69246	0.00010	2.12765	1.83957E-05	1.1363E-04
610350.43	4206260.03	5627.56712	0.00010	2.12486	1.83715E-05	1.1722E-04
610357.43	4206260.03	5845.91752	0.00010	2.12170	1.83442E-05	1.2103E-04
610364.43	4206260.03	6077.8159	0.00011	2.11816	1.83136E-05	1.2507E-04
610371.43	4206260.03	6324.40628	0.00011	2.11430	1.82802E-05	1.2937E-04
610378.43	4206260.03	6587.10139	0.00012	2.11013	1.82442E-05	1.3395E-04
610385.43	4206260.03	6867.27702	0.00012	2.10566	1.82055E-05	1.3883E-04
610392.43	4206260.03	7166.62784	0.00013	2.10088	1.81642E-05	1.4405E-04
610399.43	4206260.03	7487.00807	0.00013	2.09579	1.81202E-05	1.4963E-04
610406.43	4206260.03	7830.55883	0.00014	2.09039	1.80735E-05	1.5562E-04
610413.43	4206260.03	8199.56758	0.00014	2.08464	1.80238E-05	1.6206E-04
610420.43	4206260.03	8596.69986	0.00015	2.07853	1.79710E-05	1.6898E-04
610427.43	4206260.03	9025.09705	0.00016	2.07203	1.79148E-05	1.7645E-04
610434.43	4206260.03	9488.19698	0.00017	2.06512	1.78550E-05	1.8452E-04
610441.43	4206260.03	9990.0658	0.00018	2.05779	1.77916E-05	1.9327E-04
610448.43	4206260.03	10535.30192	0.00019	2.05000	1.77243E-05	2.0278E-04
610455.43	4206260.03	11129.25507	0.00020	2.04175	1.76530E-05	2.1315E-04
610462.43	4206260.03	11778.1649	0.00021	2.03302	1.75775E-05	2.2447E-04
610469.43	4206260.03	12489.88355	0.00022	2.02380	1.74978E-05	2.3689E-04
610476.43	4206260.03	13272.59827	0.00023	2.01405	1.74135E-05	2.5056E-04
610483.43	4206260.03	14136.88167	0.00025	2.00375	1.73244E-05	2.6565E-04
610497.43	4206260.03	16173.86658	0.00028	1.98126	1.71300E-05	3.0124E-04
610504.43	4206260.03	17374.99811	0.00031	1.96893	1.70234E-05	3.2223E-04
610511.43	4206260.03	18730.29734	0.00033	1.95577	1.69096E-05	3.4592E-04
610518.43	4206260.03	20266.14154	0.00036	1.94168	1.67878E-05	3.7278E-04
610525.43	4206260.03	22015.12574	0.00039	1.92659	1.66573E-05	4.0337E-04
610532.43	4206260.03	24029.38421	0.00042	1.91030	1.65164E-05	4.3861E-04
610539.43	4206260.03	26364.75818	0.00046	1.89268	1.63641E-05	4.7948E-04
610546.43	4206260.03	29093.08242	0.00051	1.87357	1.61989E-05	5.2724E-04
610553.43	4206260.03	32324.52033	0.00057	1.85263	1.60178E-05	5.8382E-04
610560.43	4206260.03	36196.91377	0.00064	1.82962	1.58189E-05	6.5164E-04
610567.43	4206260.03	40912.22684	0.00072	1.80385	1.55961E-05	7.3425E-04
610574.43	4206260.03	46706.88232	0.00082	1.77515	1.53479E-05	8.3579E-04
610581.43	4206260.03	53931.81136	0.00095	1.74295	1.50695E-05	9.6242E-04
610588.43	4206260.03	63069.86774	0.00111	1.70681	1.47571E-05	1.1226E-03
610596.6	4206262.53	75102.47096	0.00132	1.75856	1.52045E-05	1.3344E-03
610602.43	4206260.03	89854.122	0.00158	1.62008	1.40072E-05	1.5924E-03
610609.43	4206260.03	108882.2095	0.00191	1.56803	1.35572E-05	1.9262E-03
610616.43	4206260.03	130329.6805	0.00229	1.50928	1.30492E-05	2.3024E-03
610770.43	4206260.03	314102.2785	0.00552	0.26007	2.24856E-06	5.5197E-03
610777.43	4206260.03	296244.0476	0.00520	0.24758	2.14058E-06	5.2059E-03
610784.43	4206260.03	270886.5165	0.00476	0.23613	2.04158E-06	4.7604E-03
610791.43	4206260.03	245309.0496	0.00431	0.22556	1.95019E-06	4.3110E-03
610798.43	4206260.03	222629.6006	0.00391	0.21576	1.86546E-06	3.9125E-03
610805.43	4206260.03	203272.8004	0.00357	0.20666	1.78678E-06	3.5724E-03
610812.43	4206260.03	186604.0541	0.00328	0.19818	1.71346E-06	3.2796E-03
610840.43	4206260.03	138544.5795	0.00243	0.16936	1.46429E-06	2.4351E-03
610847.43	4206260.03	129684.8349	0.00228	0.16321	1.41111E-06	2.2794E-03
610854.43	4206260.03	121699.7608	0.00214	0.15742	1.36105E-06	2.1391E-03
610861.43	4206260.03	114459.8128	0.00201	0.15195	1.31376E-06	2.0119E-03
610868.43	4206260.03	107861.9778	0.00189	0.14678	1.26906E-06	1.8959E-03
610875.43	4206260.03	101821.6934	0.00179	0.14189	1.22678E-06	1.7898E-03
610882.43	4206260.03	96268.85816	0.00169	0.13725	1.18666E-06	1.6922E-03
610889.43	4206260.03	91144.96273	0.00160	0.13286	1.14871E-06	1.6022E-03
610896.43	4206260.03	86401.54116	0.00152	0.12868	1.11257E-06	1.5188E-03
610903.43	4206260.03	81997.97738	0.00144	0.12471	1.07824E-06	1.4414E-03
610910.43	4206260.03	77899.254	0.00137	0.12093	1.04556E-06	1.3694E-03
610917.43	4206260.03	74075.30555	0.00130	0.11733	1.01443E-06	1.3022E-03
610924.43	4206260.03	70500.36672	0.00124	0.11390	9.84779E-07	1.2394E-03
610973.43	4206260.03	50874.74593	0.00089	0.09376	8.10648E-07	8.9446E-04
610980.43	4206260.03	48675.18447	0.00086	0.09134	7.89725E-07	8.5581E-04
610987.43	4206260.03	46595.21867	0.00082	0.08903	7.69753E-07	8.1925E-04
610994.43	4206260.03	44626.72167	0.00078	0.08680	7.50472E-07	7.8465E-04
611001.43	4206260.03	42762.31513	0.00075	0.08466	7.31970E-07	7.5188E-04
611008.43	4206260.03	40995.18101	0.00072	0.08260	7.14159E-07	7.2082E-04
611029.43	4206260.03	36218.66481	0.00064	0.07687	6.64618E-07	6.3687E-04
611036.43	4206260.03	34783.92106	0.00061	0.07510	6.49314E-07	6.1165E-04
611043.43	4206260.03	33420.0349	0.00059	0.07339	6.34530E-07	5.8768E-04
611050.43	4206260.03	32122.90588	0.00056	0.07174	6.20264E-07	5.6488E-04
611057.43	4206260.03	30888.67849	0.00054	0.07015	6.06517E-07	5.4319E-04
611064.43	4206260.03	29713.65137	0.00052	0.06862	5.93288E-07	5.2254E-04
611071.43	4206260.03	28594.61328	0.00050	0.06713	5.80406E-07	5.0287E-04
610294.43	4206267.03	4165.48753	0.00007	2.51859	2.17757E-05	9.4946E-05
610301.43	4206267.03	4298.75041	0.00008	2.51094	2.17096E-05	9.7220E-05
610308.43	4206267.03	4438.8152	0.00008	2.50344	2.16447E-05	9.9616E-05
610315.43	4206267.03	4586.13629	0.00008	2.49643	2.15841E-05	1.0214E-04
610322.43	4206267.03	4741.23731	0.00008	2.48877	2.15265E-05	1.0481E-04
610329.43	4206267.03	4904.74046	0.00009	2.48319	2.14696E-05	1.0763E-04
610336.43	4206267.03	5077.19667	0.00009	2.47707	2.14167E-05	1.1060E-04
610343.43	4206267.03	5262.17149	0.00009	2.47312	2.13826E-05	1.1382E-04
610350.43	4206267.03	5458.91653	0.00010	2.46959	2.13521E-05	1.1724E-04
610357.43	4206267.03	5667.35711	0.00010	2.46562	2.13177E-05	1.2087E-04
610364.43	4206267.03	5888.5743	0.00010	2.46128	2.12802E-05	1.2472E-04
610371.43	4206267.03	6123.63885	0.00011	2.45657	2.12395E-05	1.2881E-04
610378.43	4206267.03	6373.72859	0.00011	2.45154	2.11960E-05	1.3316E-04
610385.43	4206267.03	6640.25859	0.00012	2.44619	2.11497E-05	1.3779E-04
610392.43	4206267.03	6924.72066	0.00012	2.44052	2.11007E-05	1.4274E-04
610399.43	4206267.03	7228.90186	0.00013	2.43453	2.10489E-05	1.4803E-04
610406.43	4206267.03	7554.62742	0.00013	2.42819	2.09941E-05	1.5370E-04
610413.43	4206267.03	7904.09094	0.00014	2.42150	2.09363E-05	1.5978E-04
610420.43	4206267.03	8279.76533	0.00015	2.41441	2.08750E-05	1.6632E-04
610427.43	4206267.03	8684.46122	0.00015	2.40692	2.08102E-05	1.7336E-04
610434.43	4206267.03	9121.36564	0.00016	2.39897	2.07415E-05	1.8096E-04
610441.43	4206267.03	9594.1075	0.00017	2.39055	2.06687E-05	1.8920E-04
610448.43	4206267.03	10106.91271	0.00018	2.38164	2.05916E-05	1.9813E-04
610455.43	4206267.03	10664.69675	0.00019	2.37223	2.05103E-05	2.0784E-04
610462.43	4206267.03	11273.13943	0.00020	2.36232	2.04246E-05	2.1845E-04
610469.43	4206267.03	11938.90622	0.00021	2.35189	2.03344E-05	2.3005E-04
610476.43	4206267.03	12669.83702	0.00022	2.34095	2.02398E-05	2.4279E-04
610483.43	4206267.03	13475.4126	0.00024	2.32943	2.01402E-05	2.5685E-04
610497.43	4206267.03	15363.90965	0.00027	2.30444	1.99242E-05	2.8980E-04
610504.43	4206267.03	16475.7961	0.00029	2.29086	1.98068E-05	3.0922E-04
610511.43	4206267.03	17725.09183	0.00031	2.27646	1.96823E-05	3.3104E-04
610518.43	4206267.03	19137.37121	0.00034	2.26116	1.95500E-05	3.5571E-04
610525.43	4206267.03	20744.75846	0.00036	2.24485	1.94090E-05	3.8381E-04
610532.43	4206267.03	22588.56554	0.00040	2.22741	1.92582E-05	4.1604E-04
610539.43	4206267.03	24721.67209	0.00043	2.20868	1.90962E-05	4.5335E-04
610546.43	4206267.03	27213.72038	0.00048	2.18848	1.89216E-05	4.9695E-04
610553.43	4206267.03	30157.09715	0.00053	2.16656	1.87321E-05	5.4846E-04
610560.43	4206267.03	33688.93251	0.00059	2.14241	1.85233E-05	6.1029E-04
610567.43	4206267.03	38001.76825	0.00067	2.11537	1.82895E-05	6.8582E-04
610574.43	4206267.03	43315.9149	0.00076	2.08518	1.80285E-05	7.7890E-04
610581.43	4206267.03	49959.75112	0.00088	2.05157	1.77379E-05	8.9533E-04
610588.43	4206267.03	58431.03026	0.00103	2.01341	1.74079E-05	1.0438E-03
610595.43	4206267.03	69379.10058	0.00122	1.97019	1.70343E-05	1.2357E-03
610602.43	4206267.03	83604.05793	0.00147	1.92119	1.66106E-05	1.4852E-03
610609.43	4206267.03	101784.3825	0.00179	1.86513	1.61259E-05	1.8040E-03
610616.43	4206267.03	122391.3188	0.00215	1.80111	1.55724E-05	2.1655E-03
610770.43	4206267.03	312102.0293	0.00548	0.28541	2.46765E-06	5.4848E-03
610777.43	4206267.03	294392.7837	0.00517	0.27107	2.34367E-06	5.1736E-03
610784.43	4206267.03	269256.8855	0.00473	0.25796	2.23032E-06	4.7319E-03
610791.43	4206267.03	243951.5453	0.00429	0.24587	2.12579E-06	4.2873E-03
610798.43	4206267.03	221483.2143	0.00389	0.23469	2.02913E-06	3.8925E-03
610805.43	4206267.03	202323.5717	0.00355	0.22433	1.93956E-06	3.5559E-03
610812.43	4206267.03	185812.7231	0.00326	0.21470	1.85630E-06	3.2658E-03

610840.43	4206267.03	138200.0885	0.00243	0.18218	1.57513E-06	2.4292E-03
610847.43	4206267.03	129425.3888	0.00227	0.17529	1.51556E-06	2.2750E-03
610854.43	4206267.03	121539.2757	0.00213	0.16881	1.45953E-06	2.1369E-03
610861.43	4206267.03	114352.9603	0.00201	0.16270	1.40670E-06	2.0101E-03
610868.43	4206267.03	107823.3076	0.00189	0.15695	1.35699E-06	1.8954E-03
610875.43	4206267.03	101846.2007	0.00179	0.15151	1.30995E-06	1.7903E-03
610882.43	4206267.03	96352.20305	0.00169	0.14637	1.26551E-06	1.6938E-03
610889.43	4206267.03	91282.74084	0.00160	0.14151	1.22349E-06	1.6047E-03
610896.43	4206267.03	86589.75882	0.00152	0.13690	1.18364E-06	1.5222E-03
610903.43	4206267.03	82232.17818	0.00144	0.13252	1.14577E-06	1.4456E-03
610910.43	4206267.03	78175.40032	0.00137	0.12836	1.10980E-06	1.3743E-03
610917.43	4206267.03	74389.58053	0.00131	0.12441	1.07565E-06	1.3078E-03
610952.43	4206267.03	58735.5852	0.00103	0.10726	9.27369E-07	1.0327E-03
610994.43	4206267.03	45150.47754	0.00079	0.09117	7.88255E-07	7.9389E-04
611001.43	4206267.03	43290.80306	0.00076	0.08886	7.68283E-07	7.6120E-04
611008.43	4206267.03	41526.73181	0.00073	0.08664	7.49089E-07	7.3020E-04
611029.43	4206267.03	36750.85777	0.00065	0.08048	6.95830E-07	6.4625E-04
611036.43	4206267.03	35313.97336	0.00062	0.07858	6.79402E-07	6.2105E-04
611043.43	4206267.03	33946.88791	0.00060	0.07675	6.63580E-07	5.9697E-04
611050.43	4206267.03	32645.77743	0.00057	0.07498	6.48277E-07	5.7410E-04
611057.43	4206267.03	31406.70517	0.00055	0.07328	6.33579E-07	5.5232E-04
611064.43	4206267.03	30226.23701	0.00053	0.07163	6.19313E-07	5.3157E-04
611071.43	4206267.03	29101.07759	0.00051	0.07005	6.05652E-07	5.1178E-04
610294.43	4206274.03	4057.44392	0.00007	2.99081	2.58585E-05	9.7131E-05
610301.43	4206274.03	4185.33834	0.00007	2.98099	2.57736E-05	9.9292E-05
610308.43	4206274.03	4319.29417	0.00008	2.97116	2.56886E-05	1.0156E-04
610315.43	4206274.03	4460.10294	0.00008	2.96193	2.56088E-05	1.0395E-04
610322.43	4206274.03	4608.25372	0.00008	2.95304	2.55320E-05	1.0648E-04
610329.43	4206274.03	4764.68675	0.00008	2.94489	2.54615E-05	1.0916E-04
610336.43	4206274.03	4929.17252	0.00009	2.93696	2.53929E-05	1.1198E-04
610343.43	4206274.03	5105.93763	0.00009	2.93168	2.53473E-05	1.1504E-04
610350.43	4206274.03	5293.80629	0.00009	2.92680	2.53051E-05	1.1829E-04
610357.43	4206274.03	5492.74835	0.00010	2.92146	2.52589E-05	1.2174E-04
610364.43	4206274.03	5703.59456	0.00010	2.91571	2.52092E-05	1.2540E-04
610371.43	4206274.03	5927.45709	0.00010	2.90959	2.51563E-05	1.2928E-04
610378.43	4206274.03	6165.44921	0.00011	2.90314	2.51005E-05	1.3340E-04
610385.43	4206274.03	6418.8167	0.00011	2.89635	2.50418E-05	1.3779E-04
610392.43	4206274.03	6688.94106	0.00012	2.88922	2.49802E-05	1.4248E-04
610399.43	4206274.03	6977.42176	0.00012	2.88175	2.49156E-05	1.4748E-04
610406.43	4206274.03	7286.00112	0.00013	2.87393	2.48480E-05	1.5283E-04
610413.43	4206274.03	7616.67487	0.00013	2.86574	2.47772E-05	1.5857E-04
610420.43	4206274.03	7971.68052	0.00014	2.85714	2.47028E-05	1.6473E-04
610427.43	4206274.03	8353.55331	0.00015	2.84808	2.46245E-05	1.7136E-04
610434.43	4206274.03	8765.27251	0.00015	2.83853	2.45419E-05	1.7851E-04
610441.43	4206274.03	9209.95987	0.00016	2.82844	2.44547E-05	1.8623E-04
610448.43	4206274.03	9691.65456	0.00017	2.81779	2.43626E-05	1.9460E-04
610455.43	4206274.03	10214.59499	0.00018	2.80658	2.42657E-05	2.0369E-04
610462.43	4206274.03	10783.95593	0.00019	2.79484	2.41642E-05	2.1359E-04
610469.43	4206274.03	11405.78832	0.00020	2.78258	2.40582E-05	2.2441E-04
610476.43	4206274.03	12087.07721	0.00021	2.76978	2.39475E-05	2.3627E-04
610483.43	4206274.03	12836.18235	0.00023	2.75642	2.38320E-05	2.4931E-04
610497.43	4206274.03	14584.0625	0.00026	2.72765	2.35832E-05	2.7976E-04
610504.43	4206274.03	15608.10269	0.00027	2.71221	2.34498E-05	2.9762E-04
610511.43	4206274.03	16755.30244	0.00029	2.69597	2.33093E-05	3.1763E-04
610518.43	4206274.03	18050.8803	0.00032	2.67873	2.31603E-05	3.4024E-04
610525.43	4206274.03	19518.06372	0.00034	2.66063	2.30038E-05	3.6585E-04
610532.43	4206274.03	21195.6126	0.00037	2.64144	2.28378E-05	3.9515E-04
610539.43	4206274.03	23130.21092	0.00041	2.62102	2.26613E-05	4.2896E-04
610546.43	4206274.03	25383.35973	0.00045	2.59921	2.24728E-05	4.6835E-04
610553.43	4206274.03	28041.93876	0.00049	2.57568	2.22693E-05	5.1488E-04
610560.43	4206274.03	31225.81946	0.00055	2.54999	2.20472E-05	5.7055E-04
610567.43	4206274.03	35110.35819	0.00062	2.52123	2.17985E-05	6.3854E-04
610574.43	4206274.03	39906.70479	0.00070	2.48927	2.15222E-05	7.2251E-04
610581.43	4206274.03	45917.88138	0.00081	2.45360	2.12138E-05	8.2780E-04
610588.43	4206274.03	53621.65529	0.00094	2.41318	2.08649E-05	9.6277E-04
610595.43	4206270.91	66239.49539	0.00116	2.17645	1.88176E-05	1.1824E-03
610601.49	4206272.08	76742.3373	0.00135	2.20119	1.90315E-05	1.3671E-03
610609.43	4206274.03	93897.7936	0.00165	2.25507	1.94973E-05	1.6689E-03
610616.43	4206274.03	113406.9517	0.00199	2.18585	1.88988E-05	2.0110E-03
610770.43	4206274.03	309677.7627	0.00544	0.31473	2.72115E-06	5.4424E-03
610777.43	4206274.03	292181.3579	0.00513	0.29806	2.57703E-06	5.1350E-03
610784.43	4206274.03	267304.6202	0.00470	0.28285	2.44552E-06	4.6978E-03
610791.43	4206274.03	242278.139	0.00426	0.26889	2.32482E-06	4.2581E-03
610798.43	4206274.03	220031.5107	0.00387	0.25602	2.21355E-06	3.8672E-03
610805.43	4206274.03	201072.8669	0.00353	0.24414	2.11083E-06	3.5341E-03
610812.43	4206274.03	184730.4915	0.00324	0.23313	2.01564E-06	3.2469E-03
610840.43	4206274.03	137607.6641	0.00242	0.19624	1.69609E-06	2.4188E-03
610847.43	4206274.03	128930.1874	0.00226	0.18849	1.62968E-06	2.2664E-03
610854.43	4206274.03	121114.0935	0.00213	0.18122	1.56683E-06	2.1290E-03
610861.43	4206274.03	114010.6965	0.00200	0.17439	1.50778E-06	2.0046E-03
610868.43	4206274.03	107582.2105	0.00189	0.16797	1.45227E-06	1.8912E-03
610875.43	4206274.03	101678.7131	0.00179	0.16192	1.39996E-06	1.7875E-03
610882.43	4206274.03	96253.11501	0.00169	0.15621	1.35059E-06	1.6921E-03
610889.43	4206274.03	91247.5704	0.00160	0.15082	1.30399E-06	1.6041E-03
610896.43	4206274.03	86613.34621	0.00152	0.14572	1.25989E-06	1.5227E-03
610903.43	4206274.03	82309.9707	0.00145	0.14090	1.21823E-06	1.4471E-03
610910.43	4206274.03	78302.99624	0.00138	0.13632	1.17862E-06	1.3766E-03
610917.43	4206274.03	74562.66075	0.00131	0.13198	1.14110E-06	1.3109E-03
610952.43	4206274.03	59078.48406	0.00104	0.11323	9.78986E-07	1.0387E-03
610959.43	4206274.03	56505.1121	0.00099	0.10999	9.50973E-07	9.9350E-04
611029.43	4206274.03	37223.93847	0.00065	0.08427	7.28598E-07	6.5459E-04
611036.43	4206274.03	35788.08561	0.00063	0.08222	7.10874E-07	6.2935E-04
611043.43	4206274.03	34421.18587	0.00060	0.08026	6.93928E-07	6.0533E-04
611050.43	4206274.03	33119.03916	0.00058	0.07837	6.77587E-07	5.8244E-04
611057.43	4206274.03	31878.01123	0.00056	0.07654	6.61764E-07	5.6062E-04
611064.43	4206274.03	30694.79242	0.00054	0.07479	6.46634E-07	5.3982E-04
611071.43	4206274.03	29566.11064	0.00052	0.07309	6.31936E-07	5.1998E-04
610294.43	4206281.03	3951.63777	0.00007	3.64232	3.14915E-05	1.0090E-04
610301.43	4206281.03	4073.62719	0.00007	3.62926	3.13786E-05	1.0293E-04
610308.43	4206281.03	4202.05416	0.00007	3.61662	3.12693E-05	1.0508E-04
610315.43	4206281.03	4336.56687	0.00008	3.60422	3.11621E-05	1.0734E-04
610322.43	4206281.03	4478.35702	0.00008	3.59254	3.10611E-05	1.0973E-04
610329.43	4206281.03	4627.19197	0.00008	3.58145	3.09652E-05	1.1225E-04
610336.43	4206281.03	4784.40229	0.00008	3.57157	3.08798E-05	1.1492E-04
610343.43	4206281.03	4953.24448	0.00009	3.56399	3.08142E-05	1.1782E-04
610350.43	4206281.03	5132.5239	0.00009	3.55666	3.07509E-05	1.2091E-04
610357.43	4206281.03	5322.1973	0.00009	3.54887	3.06835E-05	1.2417E-04
610364.43	4206281.03	5523.10211	0.00010	3.54069	3.06128E-05	1.2763E-04
610371.43	4206281.03	5736.15398	0.00010	3.53215	3.05390E-05	1.3130E-04
610378.43	4206281.03	5962.4624	0.00010	3.52325	3.04620E-05	1.3520E-04
610385.43	4206281.03	6203.11331	0.00011	3.51400	3.03820E-05	1.3934E-04
610392.43	4206281.03	6459.43178	0.00011	3.50444	3.02994E-05	1.4376E-04
610399.43	4206281.03	6732.8413	0.00012	3.49454	3.02138E-05	1.4848E-04
610406.43	4206281.03	7024.91503	0.00012	3.48427	3.01250E-05	1.5352E-04
610413.43	4206281.03	7337.51822	0.00013	3.47362	3.00329E-05	1.5892E-04
610420.43	4206281.03	7672.656	0.00013	3.46255	2.99372E-05	1.6471E-04
610427.43	4206281.03	8032.66303	0.00014	3.45102	2.98375E-05	1.7094E-04
610434.43	4206281.03	8420.09054	0.00015	3.43892	2.97329E-05	1.7764E-04
610441.43	4206281.03	8838.02973	0.00016	3.42617	2.96226E-05	1.8487E-04
610448.43	4206281.03	9289.81446	0.00016	3.41273	2.95064E-05	1.9269E-04
610455.43	4206281.03	9779.46561	0.00017	3.39867	2.93849E-05	2.0117E-04
610462.43	4206281.03	10311.51429	0.00018	3.38402	2.92582E-05	2.1039E-04
610469.43	4206281.03	10891.31783	0.00019	3.36881	2.91267E-05	2.2044E-04
610476.43	4206281.03	11525.12135	0.00020	3.35306	2.89905E-05	2.3144E-04
610483.43	4206281.03	12220.38339	0.00021	3.33677	2.88497E-05	2.4351E-04
610497.43	4206281.03	13834.2159	0.00024	3.30213	2.85502E-05	2.7156E-04
610504.43	4206281.03	14774.56822	0.00026	3.28389	2.83925E-05	2.8792E-04
610511.43	4206281.03	15826.72594	0.00028	3.26462	2.82259E-05	3.0623E-04
610518.43	4206281.03	17005.93278	0.00030	3.24474	2.80540E-05	3.2678E-04
610525.43	4206281.03	18341.66084	0.00032	3.22366	2.78717E-05	3.5006E-04
610532.43	4206281.03	19859.69988	0.00035	3.20174	2.76822E-05	3.7653E-04
610539.43	4206281.03	21606.56836	0.00038	3.17841	2.74805E-05	4.0702E-04
610546.43	4206281.03	23628.36588	0.00042	3.15403	2.72697E-05	4.4232E-04
610553.43	4206281.03	26003.60794	0.00046	3.12805	2.70451E-05	4.8382E-04
610560.43	4206281.03	28841.51146	0.00051	3.09974	2.68003E-05	5.3342E-04
610567.43	4206281.03	32298.76472	0.00057	3.06810	2.65268E-05	5.9388E-04
610574.43	4206281.03	36549.57202	0.00064	3.03350	2.62276E-05	6.6825E-04
610581.43	4206281.03	41881.44872	0.00074	2.99516	2.58961E-05	7.6157E-04
610588.43	4206281.03	48714.48397	0.00086	2.95204	2.55233E-05	8.8123E-04
610595.43	4206281.03	57684.01043	0.00101	2.90281	2.50977E-05	1.0384E-03
610602.43	4206281.03	69590.08468	0.00122	2.84697	2.46149E-05	1.2470E-03
610609.43	4206281.03	85181.30479	0.00150	2.78257	2.40581E-05	1.5203E-03
610615.78	4206280.92	101774.2052	0.00179	2.70585	2.33948E-05	1.8111E-03
610770.43	4206281.03	306713.7554	0.00539	0.34847	3.01287E-06	5.3907E-03
610777.43	4206281.03	289502.0251	0.00509	0.32886	2.84332E-06	5.0882E-03
610784.43	4206281.03	264911.3211	0.00465	0.31106	2.68942E-06	4.6561E-03
610791.43	4206281.03	240177.2028	0.00422	0.29480	2.54884E-06	4.2214E-03
610798.43	4206281.03	218165.0098	0.00383	0.27989	2.41993E-06	3.8346E-03
610805.43	4206281.03	199421.8498	0.00350	0.26618	2.30139E-06	3.5053E-03
610812.43	4206281.03	183267.5654	0.00322	0.25353	2.19202E-06	3.2214E-03
610840.43	4206281.03	136716.9247	0.00240	0.21158	1.82932E-06	2.4034E-03
610847.43	4206281.03	128156.5788	0.00225	0.20284	1.75375E-06	2.2529E-03
610854.43	4206281.03	120449.9807	0.00212	0.19467	1.68312E-06	2.1175E-03
610861.43	4206281.03	113470.1194	0.00199	0.18702	1.61697E-06	1.9948E-03
610868.43	4206281.03	107114.3039	0.00188	0.17985	1.55498E-06	1.8831E-03
610875.43	4206281.03	101298.8562	0.00178	0.17311	1.49671E-06	1.7809E-03
610882.43	4206281.03	95954.75097	0.00169	0.16677	1.44189E-06	1.6870E-03
610889.43	4206281.03	91024.66036	0.00160	0.16080	1.39028E-06	1.6003E-03
610896.43	4206281.03	86460.16891	0.00152	0.15516	1.34151E-06	1.5201E-03
610903.43	4206281.03	82221.17949	0.00144	0.14984	1.29552E-06	1.4456E-03
610910.43	4206281.03	78273.21266	0.00137	0.14480	1.25194E-06	1.3762E-03
610917.43	4206281.03	74586.99888	0.00131	0.14003	1.21070E-06	1.3114E-03
610924.43	4206281.03	71137.39321	0.00125	0.13550	1.17153E-06	1.2508E-03
610931.43	4206281.03	67902.50789	0.00119	0.13120	1.13435E-06	1.1939E-03
610938.43	4206281.03	64863.38338	0.00114	0.12712	1.09908E-06	1.1405E-03
610945.43	4206281.03	62003.46773	0.00109	0.12324	1.06553E-06	1.0902E-03
610952.43	4206281.03	59308.31241	0.00104	0.11954	1.03354E-06	1.0428E-03
610959.43	4206281.03	56764.7314	0.00100	0.11601	1.00302E-06	9.9812E-04
610966.43	4206281.03	54361.41997	0.00095	0.11265	9.73971E-07	9.5587E-04
610973.43	4206281.03	52087.92368	0.00091	0.10944	9.46218E-07	9.1591E-04
610980.43	4206281.03	49935.29573	0.00088	0.10637	9.19674E-07	8.7807E-04
610987.43	4206281.03	47894.8991	0.00084	0.10343	8.94255E-07	8.4225E-04
610994.43	4206281.03	45959.4755	0.00081	0.10062	8.69960E-07	8.0818E-04
611029.43	4206281.03	37635.52306	0.00066	0.08823	7.62836E-07	6.6186E-04
611036.43	4206281.03	36204.4289	0.00064	0.08604	7.43901E-07	6.3670E-04
611043.43	4206281.03	34840.74122	0.00061	0.08393	7.25658E-07	6.1273E-04
611050.43	4206281.03	33540.63995	0.00059	0.08191	7.08193E-07	5.8987E-04
611057.43	4206281.03	32300.65984	0.00057	0.07996	6.91334E-07	5.6808E-04
611064.43	4206281.03	31117.445	0.00055	0.07808	6.75079E-07	5.4728E-04
611071.43	4206281.03	29987.92359	0.00053	0.07627	6.59430E-07	5.2742E-04
610294.43	4206288.03	3846.11894	0.00007	4.58236	3.96191E-05	1.0718E-04
610301.43	4206288.03	3963.40364	0.00007	4.56494	3.94684E-05	1.0909E-04
610308.43	4206288.03	4086.08492	0.00007	4.54767	3.93191E-05	1.1109E-04
610315.43	4206288.03	4215.17847	0.00007	4.53099	3.91748E-05	1.1322E-04
610322.43	4206288.03	4350.47184	0.00008	4.51507	3.90373E-05	1.1546E-04
610329.43	4206288.03	4492.72208	0.00008	4.50073	3.89133E-05	1.1783E-04
610336.43	4206288.03	4642.85218	0.00008	4.48815	3.88045E-05	1.2036E-04
610343.43	4206288.03	4804.01186	0.00008	4.47656	3.87043E-05	1.2309E-04
610350.43	4206288.03	4975.02916	0.00009	4.46480	3.86026E-05	1.2599E-04
610357.43	4206288.03	5155.77336	0.00009	4.45265	3.84976E-05	1.2906E-04
610364.43	4206288.03	5347.07107	0.00009	4.44014	3.83894E-05	1.3231E-04
610371.43	4206288.03	5549.7392	0.00010	4.42729	3.82783E-05	1.3576E-04
610378.43	4206288.03	5764.75896	0.00010	4.41410	3.81643E-05	1.3943E-04
610385.43	4206288.03	5993.22035	0.00011	4.40062	3.80477E-05	1.4332E-04
610392.43	4206288.03	6236.24906	0.00011	4.38684	3.79286E-05	1.4747E-04
610399.43	4206288.03	6495.14065	0.00011	4.37274	3.78067E-05	1.5190E-04

610406.43	4206288.03	6771.41497	0.00012	4.35828	3.76817E-05	1.5663E-04
610413.43	4206288.03	7066.70742	0.00012	4.34349	3.7553E-05	1.6169E-04
610420.43	4206288.03	7382.83004	0.00013	4.32832	3.7422E-05	1.6711E-04
610427.43	4206288.03	7721.82543	0.00014	4.31266	3.7287E-05	1.7293E-04
610434.43	4206288.03	8086.19303	0.00014	4.29634	3.71461E-05	1.7919E-04
610441.43	4206288.03	8478.4617	0.00015	4.27919	3.69979E-05	1.8593E-04
610448.43	4206288.03	8901.75871	0.00016	4.26116	3.68420E-05	1.9321E-04
610455.43	4206288.03	9359.6656	0.00016	4.24231	3.66790E-05	2.0109E-04
610462.43	4206288.03	9856.1485	0.00017	4.22279	3.65102E-05	2.0964E-04
610469.43	4206288.03	10395.96866	0.00018	4.20267	3.63363E-05	2.1895E-04
610476.43	4206288.03	10984.71132	0.00019	4.18205	3.61580E-05	2.2911E-04
610483.43	4206288.03	11628.86119	0.00020	4.16088	3.5974E-05	2.4024E-04
610497.43	4206288.03	13115.7342	0.00023	4.11679	3.55937E-05	2.6598E-04
610504.43	4206288.03	13978.90876	0.00025	4.09373	3.53944E-05	2.8094E-04
610511.43	4206288.03	14939.28219	0.00026	4.06992	3.51885E-05	2.9761E-04
610518.43	4206288.03	16013.56027	0.00028	4.04525	3.49752E-05	3.1627E-04
610525.43	4206288.03	17222.86948	0.00030	4.01962	3.47536E-05	3.3729E-04
610532.43	4206288.03	18593.61428	0.00033	3.99293	3.45229E-05	3.6113E-04
610539.43	4206288.03	20159.93658	0.00035	3.96509	3.42821E-05	3.8841E-04
610546.43	4206288.03	21966.3993	0.00039	3.93603	3.40309E-05	4.1989E-04
610553.43	4206288.03	24072.18	0.00042	3.90560	3.3767BE-05	4.5661E-04
610560.43	4206288.03	26577.6767	0.00047	3.87245	3.34812E-05	5.0034E-04
610567.43	4206288.03	29617.56431	0.00052	3.83576	3.31640E-05	5.5342E-04
610574.43	4206288.03	33336.25331	0.00059	3.79679	3.28270E-05	6.1823E-04
610581.43	4206288.03	37961.81603	0.00067	3.75398	3.24569E-05	6.9928E-04
610588.43	4206288.03	43871.02273	0.00077	3.70680	3.20490E-05	8.0268E-04
610595.43	4206288.03	51625.43189	0.00091	3.65350	3.15881E-05	9.3843E-04
610603.83	4206287.38	65176.17334	0.00114	3.49880	3.02506E-05	1.1751E-03
610609.43	4206288.03	75681.71747	0.00133	3.52328	3.04623E-05	1.3599E-03
610615.78	4206287.92	90491.90123	0.00159	3.43704	2.97166E-05	1.6193E-03
610770.43	4206288.03	303018.824	0.00532	0.38688	3.34496E-06	5.3261E-03
610777.43	4206288.03	286159.3487	0.00503	0.36363	3.14394E-06	5.0297E-03
610784.43	4206288.03	261883.9651	0.00460	0.34268	2.96281E-06	4.6031E-03
610791.43	4206288.03	237461.6792	0.00417	0.32366	2.79836E-06	4.1740E-03
610798.43	4206288.03	215714.8723	0.00379	0.30632	2.64844E-06	3.7918E-03
610805.43	4206288.03	197217.467	0.00346	0.29047	2.51140E-06	3.4668E-03
610812.43	4206288.03	181293.2485	0.00318	0.27592	2.38560E-06	3.1869E-03
610840.43	4206288.03	135466.2654	0.00238	0.22817	1.97276E-06	2.3815E-03
610847.43	4206288.03	127054.5977	0.00223	0.21832	1.88759E-06	2.2317E-03
610854.43	4206288.03	119485.0177	0.00210	0.20915	1.80831E-06	2.1007E-03
610861.43	4206288.03	112631.5769	0.00198	0.20059	1.73430E-06	1.9802E-03
610868.43	4206288.03	106392.1162	0.00187	0.19258	1.66505E-06	1.8705E-03
610875.43	4206288.03	100683.6155	0.00177	0.18508	1.60020E-06	1.7702E-03
610882.43	4206288.03	95438.01294	0.00168	0.17804	1.53933E-06	1.6780E-03
610889.43	4206288.03	90598.48423	0.00159	0.17143	1.48218E-06	1.5929E-03
610896.43	4206288.03	86117.3927	0.00151	0.16520	1.42832E-06	1.5141E-03
610903.43	4206288.03	81954.8805	0.00144	0.15933	1.37757E-06	1.4410E-03
610910.43	4206288.03	78077.00211	0.00137	0.15379	1.32967E-06	1.3728E-03
610917.43	4206288.03	74455.07521	0.00131	0.14855	1.28436E-06	1.3091E-03
610924.43	4206288.03	71064.15952	0.00125	0.14359	1.24148E-06	1.2495E-03
610931.43	4206288.03	67882.71261	0.00119	0.13889	1.20084E-06	1.1936E-03
610938.43	4206288.03	64892.42078	0.00114	0.13444	1.16237E-06	1.1410E-03
610945.43	4206288.03	62076.78772	0.00109	0.13020	1.12571E-06	1.0915E-03
610952.43	4206288.03	59421.52133	0.00104	0.12618	1.09095E-06	1.0449E-03
610959.43	4206288.03	56914.11296	0.00100	0.12235	1.05784E-06	1.0008E-03
610966.43	4206288.03	54543.31336	0.00096	0.11870	1.02628E-06	9.5912E-04
610973.43	4206288.03	52298.95018	0.00092	0.11522	9.96192E-07	9.1967E-04
610980.43	4206288.03	50172.21721	0.00088	0.11190	9.67487E-07	8.8228E-04
610987.43	4206288.03	48154.99792	0.00085	0.10873	9.40079E-07	8.4682E-04
610994.43	4206288.03	46239.85636	0.00081	0.10570	9.13882E-07	8.1315E-04
611001.43	4206288.03	44420.27191	0.00078	0.10280	8.88808E-07	7.8116E-04
611008.43	4206288.03	42690.29462	0.00075	0.10003	8.64859E-07	7.5075E-04
611036.43	4206288.03	36560.9581	0.00064	0.09002	7.78312E-07	6.4300E-04
611043.43	4206288.03	35203.83169	0.00062	0.08777	7.58859E-07	6.1914E-04
611050.43	4206288.03	33908.93554	0.00060	0.08560	7.40097E-07	5.9638E-04
611057.43	4206288.03	32672.9889	0.00057	0.08352	7.22114E-07	5.7465E-04
611064.43	4206288.03	31492.54868	0.00055	0.08151	7.04735E-07	5.5389E-04
611071.43	4206288.03	30364.76218	0.00053	0.07958	6.88048E-07	5.3407E-04
611078.43	4206288.03	29286.86665	0.00051	0.07772	6.71967E-07	5.1513E-04
611085.43	4206288.03	28256.20813	0.00050	0.07593	6.56490E-07	4.9700E-04
611092.43	4206288.03	27270.4062	0.00048	0.07420	6.41533E-07	4.7967E-04
610294.43	4206295.03	3742.60899	0.00007	6.00505	5.19196E-05	1.1766E-04
610301.43	4206295.03	3854.9678	0.00007	5.97985	5.17018E-05	1.1942E-04
610308.43	4206295.03	3972.40768	0.00007	5.95591	5.14948E-05	1.2127E-04
610315.43	4206295.03	4095.6366	0.00007	5.93300	5.12967E-05	1.2324E-04
610322.43	4206295.03	4225.31599	0.00007	5.90932	5.10920E-05	1.2531E-04
610329.43	4206295.03	4361.21631	0.00008	5.89025	5.09271E-05	1.2754E-04
610336.43	4206295.03	4504.53902	0.00008	5.87475	5.07931E-05	1.2992E-04
610343.43	4206295.03	4658.32966	0.00008	5.85666	5.06367E-05	1.3246E-04
610350.43	4206295.03	4821.37324	0.00008	5.83724	5.04687E-05	1.3516E-04
610357.43	4206295.03	4993.57298	0.00009	5.81746	5.02977E-05	1.3801E-04
610364.43	4206295.03	5175.59082	0.00009	5.79733	5.01237E-05	1.4104E-04
610371.43	4206295.03	5368.2947	0.00009	5.77693	4.99473E-05	1.4425E-04
610378.43	4206295.03	5572.52919	0.00010	5.75635	4.97694E-05	1.4765E-04
610385.43	4206295.03	5789.2358	0.00010	5.73558	4.95898E-05	1.5128E-04
610392.43	4206295.03	6018.5206	0.00011	5.71456	4.940818-05	1.5515E-04
610399.43	4206295.03	6264.54878	0.00011	5.69321	4.92235E-05	1.5926E-04
610406.43	4206295.03	6525.67658	0.00011	5.67160	4.90366E-05	1.6366E-04
610413.43	4206295.03	6804.38935	0.00012	5.64978	4.88480E-05	1.6837E-04
610420.43	4206295.03	7102.31394	0.00012	5.62765	4.86566E-05	1.7341E-04
610427.43	4206295.03	7421.38083	0.00013	5.60506	4.84613E-05	1.7882E-04
610434.43	4206295.03	7763.6218	0.00014	5.58170	4.82594E-05	1.8463E-04
610441.43	4206295.03	8131.51672	0.00014	5.55726	4.80480E-05	1.9088E-04
610448.43	4206295.03	8527.7336	0.00015	5.53150	4.78253E-05	1.9762E-04
610455.43	4206295.03	8955.39047	0.00016	5.50459	4.759276-05	2.0490E-04
610462.43	4206295.03	9418.14289	0.00017	5.47679	4.73523E-05	2.1279E-04
610469.43	4206295.03	9920.08566	0.00017	5.44835	4.71064E-05	2.2136E-04
610476.43	4206295.03	10466.14765	0.00018	5.41943	4.68564E-05	2.3070E-04
610483.43	4206295.03	11061.97443	0.00019	5.39000	4.66019E-05	2.4091E-04
610497.43	4206295.03	12431.0425	0.00022	5.32943	4.60782E-05	2.6444E-04
610504.43	4206295.03	13221.88289	0.00023	5.29815	4.58078E-05	2.7806E-04
610511.43	4206295.03	14098.3799	0.00025	5.26621	4.55316E-05	2.9318E-04
610518.43	4206295.03	15074.92244	0.00026	5.23349	4.52487E-05	3.1005E-04
610525.43	4206295.03	16169.09423	0.00028	5.19985	4.495798-05	3.2898E-04
610532.43	4206295.03	17403.2296	0.00031	5.16514	4.46578E-05	3.5036E-04
610539.43	4206295.03	18805.46072	0.00033	5.12934	4.43482E-05	3.7468E-04
610546.43	4206295.03	20412.76102	0.00036	5.09238	4.402878-05	4.0259E-04
610553.43	4206295.03	22273.23125	0.00039	5.05406	4.36974E-05	4.3494E-04
610560.43	4206295.03	24470.29712	0.00043	5.01202	4.33339E-05	4.7317E-04
610567.43	4206295.03	27114.29403	0.00048	4.96648	4.29402E-05	5.1922E-04
610574.43	4206295.03	30308.86782	0.00053	4.91971	4.25358E-05	5.7493E-04
610581.43	4206295.03	34261.06114	0.00060	4.86949	4.21016E-05	6.4392E-04
610588.43	4206295.03	39256.39092	0.00069	4.81484	4.16291E-05	7.3120E-04
610595.43	4206295.03	45729.64785	0.00080	4.75558	4.11167E-05	8.4439E-04
610603.83	4206294.38	57139.18618	0.00100	4.55165	3.93535E-05	1.0430E-03
610609.43	4206295.03	65727.46122	0.00115	4.61099	3.98666E-05	1.1944E-03
610615.78	4206294.92	78117.98713	0.00137	4.51087	3.90010E-05	1.4112E-03
610770.43	4206295.03	299169.8858	0.00526	0.43000	3.71778E-06	5.2589E-03
610777.43	4206295.03	282435.9294	0.00496	0.40239	3.47606E-06	4.9647E-03
610784.43	4206295.03	258220.0371	0.00454	0.37769	3.26551E-06	4.5391E-03
610791.43	4206295.03	234005.4015	0.00411	0.35542	3.07296E-06	4.1135E-03
610798.43	4206295.03	212538.2785	0.00373	0.33527	2.89874E-06	3.7363E-03
610805.43	4206295.03	194306.3889	0.00341	0.31695	2.74035E-06	3.4159E-03
610812.43	4206295.03	178664.0087	0.00314	0.30023	2.59579E-06	3.1410E-03
610840.43	4206295.03	133789.3633	0.00235	0.24596	2.12657E-06	2.3522E-03
610847.43	4206295.03	125567.6393	0.00221	0.23488	2.03077E-06	2.2077E-03
610854.43	4206295.03	118174.1138	0.00208	0.22460	1.94189E-06	2.0778E-03
610861.43	4206295.03	111480.0225	0.00196	0.21504	1.85923E-06	1.9601E-03
610868.43	4206295.03	105385.4234	0.00185	0.20612	1.78211E-06	1.8530E-03
610875.43	4206295.03	99808.80967	0.00175	0.19779	1.71009E-06	1.7549E-03
610882.43	4206295.03	94683.14409	0.00166	0.18999	1.64265E-06	1.6648E-03
610889.43	4206295.03	89952.97091	0.00158	0.18268	1.57945E-06	1.5817E-03
610896.43	4206295.03	85571.54578	0.00150	0.17582	1.52014E-06	1.5046E-03
610903.43	4206295.03	81500.03663	0.00143	0.16936	1.46429E-06	1.4331E-03
610910.43	4206295.03	77705.32383	0.00136	0.16328	1.41172E-06	1.3664E-03
610917.43	4206295.03	74159.06848	0.00130	0.15754	1.36209E-06	1.3040E-03
610924.43	4206295.03	70837.25568	0.00124	0.15211	1.31514E-06	1.2456E-03
610931.43	4206295.03	67719.00655	0.00119	0.14699	1.27087E-06	1.1908E-03
610938.43	4206295.03	64786.01242	0.00114	0.14213	1.22886E-06	1.1392E-03
610945.43	4206295.03	62022.56745	0.00109	0.13752	1.18900E-06	1.0907E-03
610952.43	4206295.03	59414.75356	0.00104	0.13315	1.15121E-06	1.0448E-03
610959.43	4206295.03	56950.22829	0.00100	0.12899	1.11525E-06	1.0015E-03
610966.43	4206295.03	54618.12427	0.00096	0.12504	1.08110E-06	9.6048E-04
610973.43	4206295.03	52408.87273	0.00092	0.12128	1.04859E-06	9.2165E-04
610980.43	4206295.03	50313.54338	0.00088	0.11769	1.01755E-06	8.8481E-04
610987.43	4206295.03	48324.62347	0.00085	0.11427	9.87978E-07	8.4985E-04
610994.43	4206295.03	46434.74342	0.00082	0.11101	9.59792E-07	8.1662E-04
611001.43	4206295.03	44637.68344	0.00078	0.10788	9.32730E-07	7.8503E-04
611008.43	4206295.03	42927.49073	0.00075	0.10490	9.06965E-07	7.5498E-04
611036.43	4206295.03	36856.09852	0.00065	0.09417	8.14193E-07	6.4822E-04
611043.43	4206295.03	35508.91848	0.00062	0.09176	7.93357E-07	6.2453E-04
611050.43	4206295.03	34222.41872	0.00060	0.08944	7.7329BE-07	6.0192E-04
611057.43	4206295.03	32993.29276	0.00058	0.08722	7.54104E-07	5.8031E-04
611064.43	4206295.03	31818.49932	0.00056	0.08508	7.35601E-07	5.5965E-04
611071.43	4206295.03	30695.2211	0.00054	0.08302	7.17791E-07	5.3990E-04
611078.43	4206295.03	29620.75375	0.00052	0.08104	7.00671E-07	5.2101E-04
611085.43	4206295.03	28592.52257	0.00050	0.07913	6.84158E-07	5.0293E-04
611092.43	4206295.03	27608.24052	0.00048	0.07729	6.68249E-07	4.8563E-04
610294.43	4206302.03	3641.2728	0.00006	8.15116	7.04749E-05	1.3444E-04
610301.43	4206302.03	3748.58663	0.00007	8.11719	7.01812E-05	1.3603E-04
610308.43	4206302.03	3861.33216	0.00007	8.08301	6.98857E-05	1.3771E-04
610315.43	4206302.03	3979.15386	0.00007	8.05492	6.96428E-05	1.3954E-04
610322.43	4206302.03	4103.10635	0.00007	8.01954	6.93369E-05	1.4141E-04
610329.43	4206302.03	4232.90427	0.00007	7.99540	6.91282E-05	1.4348E-04
610336.43	4206302.03	4369.66824	0.00008	7.98155	6.90084E-05	1.4576E-04
610343.43	4206302.03	4516.35337	0.00008	7.95668	6.87934E-05	1.4813E-04
610350.43	4206302.03	4671.73866	0.00008	7.92788	6.854446-05	1.5061E-04
610357.43	4206302.03	4835.65118	0.00008	7.89748	6.82816E-05	1.5322E-04
610364.43	4206302.03	5008.85906	0.00009	7.86542	6.80044E-05	1.5599E-04
610371.43	4206302.03	5191.94579	0.00009	7.83388	6.77317E-05	1.5893E-04
610378.43	4206302.03	5385.79531	0.00009	7.80370	6.74708E-05	1.6208E-04
610385.43	4206302.03	5591.28067	0.00010	7.77336	6.72084E-05	1.6542E-04
610392.43	4206302.03	5809.37623	0.00010	7.74140	6.69321E-05	1.6898E-04
610399.43	4206302.03	6041.16753	0.00011	7.70883	6.66505E-05	1.7277E-04
610406.43	4206302.03	6287.80288	0.00011	7.67724	6.63774E-05	1.7683E-04
610413.43	4206302.03	6550.67871	0.00012	7.64622	6.61092E-05	1.8118E-04
610420.43	4206302.03	6831.28478	0.00012	7.61425	6.58328E-05	1.8583E-04
610427.43	4206302.03	7131.20865	0.00013	7.58083	6.55438E-05	1.9081E-04
610434.43	4206302.03	7452.51046	0.00013	7.54721	6.52531E-05	1.9616E-04
610441.43	4206302.03	7797.17229	0.00014	7.51317	6.49588E-05	2.0192E-04
610448.43	4206302.03	8167.69584	0.00014	7.47706	6.46466E-05	2.0812E-04
610455.43	4206302.03	8566.76684	0.00015	7.43807	6.43095E-05	2.1479E-04
610462.43	4206302.03	8997.60599	0.00016	7.39760	6.39596E-05	2.2201E-04
610469.43	4206302.03	9463.84984	0.00017	7.35700	6.36086E-05	2.2985E-04
610476.43	4206302.03	9969.72072	0.00018	7.31630	6.32567E-05	2.3838E-04
610483.43	4206302.03	10520.12063	0.00018	7.27451	6.28954E-05	2.4769E-04
610525.75	4206298.14	15770.41117	0.00028	5.90769	5.10779E-05	3.2810E-04
610532.75	4206298.14	16953.75101	0.00030	5.86788	5.07337E-05	3.4854E-04
610539.75	4206298.14	18295.20465	0.00032	5.82709	5.03810E-05	3.7175E-04
610770.43	4206302.03	269689.9504	0.00516	0.47736	4.12725E-06	5.1639E-03
610777.43	4206302.03	277002.8728	0.00487	0.44470	3.84487E-06	4.8696E-03
610784.43	4206302.03	252971.5707	0.00444	0.41572	3.59431E-06	4.4472E-03
610791.43	4206302.03	229112.896	0.00402	0.38879	3.37012E-06	4.0279E-03
610798.43	4206302.03	208155.4938	0.00366	0.36647	3.16850E-06	3.6596E-03
610805.43	4206302.03	190318.3323	0.00334	0.34540	2.98633E-06	3.3461E-03
610812.43	4206302.03	175113.6234	0.00308	0.32627	2.82093E-06	3.0788E-03

610840.43	4206302.03	131607.6607	0.00231	0.26486	2.28998E-06	2.3141E-03
610847.43	4206302.03	123637.8374	0.00217	0.25244	2.18260E-06	2.1740E-03
610854.43	4206302.03	116471.7561	0.00205	0.24097	2.08343E-06	2.0488E-03
610861.43	4206302.03	109979.9152	0.00193	0.23032	1.99135E-06	1.9339E-03
610868.43	4206302.03	104065.9238	0.00183	0.22042	1.90575E-06	1.8299E-03
610875.43	4206302.03	98651.27363	0.00173	0.21119	1.82595E-06	1.7347E-03
610882.43	4206302.03	93671.35056	0.00165	0.20258	1.75151E-06	1.6472E-03
610889.43	4206302.03	89072.42607	0.00156	0.19453	1.68191E-06	1.5663E-03
610896.43	4206302.03	84810.0565	0.00149	0.18698	1.61663E-06	1.4914E-03
610903.43	4206302.03	80846.18577	0.00142	0.17989	1.55533E-06	1.4217E-03
610910.43	4206302.03	77149.28117	0.00136	0.17323	1.49775E-06	1.3567E-03
610917.43	4206302.03	73691.92594	0.00129	0.16696	1.44354E-06	1.2959E-03
610924.43	4206302.03	70450.90677	0.00124	0.16104	1.39235E-06	1.2389E-03
610931.43	4206302.03	67405.94352	0.00118	0.15545	1.34402E-06	1.1854E-03
610938.43	4206302.03	64539.87607	0.00113	0.15017	1.2983TE-06	1.1350E-03
610945.43	4206302.03	61837.17632	0.00109	0.14517	1.25514E-06	1.0875E-03
610952.43	4206302.03	59284.51174	0.00104	0.14043	1.21416E-06	1.0426E-03
610959.43	4206302.03	56870.11498	0.00100	0.13593	1.1752SE-06	1.0001E-03
610966.43	4206302.03	54583.47361	0.00096	0.13166	1.13833E-06	9.5994E-04
610973.43	4206302.03	52415.38587	0.00092	0.12759	1.10314E-06	9.2182E-04
610980.43	4206302.03	50357.34156	0.00088	0.12373	1.06977E-06	8.856 3E-04
610987.43	4206302.03	48401.93114	0.00085	0.12004	1.03787E-06	8.5125E-04
610994.43	4206302.03	46542.38701	0.00082	0.11653	1.00752E-06	8.1856E-04
611001.43	4206302.03	44772.47765	0.00079	0.11317	9.78467E-07	7.8744E-04
611008.43	4206302.03	43086.72616	0.00076	0.10997	9.50800E-07	7.5780E-04
611036.43	4206302.03	37088.64653	0.00065	0.09848	8.51458E-07	6.5234E-04
611043.43	4206302.03	35754.60757	0.00063	0.09590	8.29151E-07	6.2889E-04
611050.43	4206302.03	34479.67622	0.00061	0.09343	8.07795E-07	6.0647E-04
611057.43	4206302.03	33260.45166	0.00058	0.09106	7.87304E-07	5.8503E-04
611064.43	4206302.03	32094.25418	0.00056	0.08878	7.67591E-07	5.6453E-04
611071.43	4206302.03	30978.10766	0.00054	0.08658	7.48570E-07	5.4490E-04
611078.43	4206302.03	29909.57233	0.00053	0.08447	7.30327E-07	5.2611E-04
611085.43	4206302.03	28886.19754	0.00051	0.08244	7.12776E-07	5.0812E-04
611092.43	4206302.03	27905.78417	0.00049	0.08049	6.95916E-07	4.9088E-04
611770.43	4206309.03	285313.6834	0.00501	0.52808	4.56578E-06	5.0163E-03
611777.43	4206309.03	268596.4992	0.00472	0.44987	4.23541E-06	4.7223E-03
611784.43	4206309.03	245017.6418	0.00430	0.45620	3.94430E-06	4.3079E-03
611791.43	4206309.03	221990.3876	0.00390	0.42627	3.68553E-06	3.9031E-03
611798.43	4206309.03	201977.0821	0.00355	0.39952	3.45425E-06	3.5513E-03
611805.43	4206309.03	184901.621	0.00325	0.37548	3.24640E-06	3.2512E-03
611812.43	4206309.03	170409.2303	0.00299	0.35376	3.05861E-06	2.9964E-03
611840.43	4206309.03	128854.2567	0.00226	0.28470	2.46151E-06	2.2659E-03
611847.43	4206309.03	121217.8741	0.00213	0.27087	2.34194E-06	2.1316E-03
611854.43	4206309.03	114337.8191	0.00201	0.25812	2.23170E-06	2.0107E-03
611861.43	4206309.03	108099.374	0.00190	0.24632	2.12968E-06	1.9016E-03
611868.43	4206309.03	102408.4031	0.00180	0.23538	2.03509E-06	1.8009E-03
611875.43	4206309.03	97190.93454	0.00171	0.22521	1.94716E-06	1.7092E-03
611882.43	4206309.03	92386.2745	0.00162	0.21574	1.8652 9E-06	1.6247E-03
611889.43	4206309.03	87944.05025	0.00154	0.20690	1.78886E-06	1.5466E-03
611896.43	4206309.03	83822.04921	0.00147	0.19863	1.71735E-06	1.4741E-03
611903.43	4206309.03	79984.60499	0.00140	0.19088	1.65035E-06	1.4066E-03
611910.43	4206309.03	76401.58617	0.00134	0.18361	1.58749E-06	1.3436E-03
611917.43	4206309.03	73047.32967	0.00128	0.17677	1.52835E-06	1.2847E-03
611924.43	4206309.03	69899.66952	0.00123	0.17034	1.47276E-06	1.2293E-03
611931.43	4206309.03	66939.42424	0.00118	0.16427	1.42028E-06	1.1773E-03
611938.43	4206309.03	64150.18822	0.00113	0.15854	1.37074E-06	1.1282E-03
611945.43	4206309.03	61517.32059	0.00108	0.15313	1.32396E-06	1.0819E-03
611952.43	4206309.03	59028.18835	0.00104	0.14800	1.27961E-06	1.0382E-03
611959.43	4206309.03	56671.42557	0.00100	0.14314	1.23759E-06	9.9671E-04
611966.43	4206309.03	54437.26508	0.00096	0.13853	1.19773E-06	9.5743E-04
611973.43	4206309.03	52316.66462	0.00092	0.13415	1.15986E-06	9.2014E-04
611980.43	4206309.03	50301.84655	0.00088	0.12999	1.12389E-06	8.8471E-04
611987.43	4206309.03	48385.52875	0.00085	0.12603	1.08965E-06	8.5102E-04
611994.43	4206309.03	46561.40061	0.00082	0.12226	1.05706E-06	8.1894E-04
611001.43	4206309.03	44823.5053	0.00079	0.11866	1.02593E-06	7.8838E-04
611008.43	4206309.03	43166.58034	0.00076	0.11523	9.96278E-07	7.5925E-04
611036.43	4206309.03	37257.265	0.00065	0.10294	8.90019E-07	6.5534E-04
611043.43	4206309.03	35939.91091	0.00063	0.10019	8.66242E-07	6.3218E-04
611050.43	4206309.03	34679.58484	0.00061	0.09756	8.43503E-07	6.1002E-04
611057.43	4206309.03	33473.40615	0.00059	0.09503	8.21629E-07	5.8881E-04
611064.43	4206309.03	32318.49987	0.00057	0.09260	8.00619E-07	5.6850E-04
611071.43	4206309.03	31212.19305	0.00055	0.09027	7.80474E-07	5.4905E-04
611078.43	4206309.03	30152.16119	0.00053	0.08803	7.61107E-07	5.3041E-04
611085.43	4206309.03	29136.12798	0.00051	0.08587	7.42432E-07	5.1254E-04
611092.43	4206330.03	28161.83149	0.00049	0.08380	7.24534E-07	4.9541E-04
610294.43	4206330.03	3258.03994	0.00006	0.73494	7.55222E-05	1.3275E-04
610301.43	4206330.03	3348.06891	0.00006	0.77188	7.58416E-05	1.3465E-04
610308.43	4206330.03	3442.13498	0.00006	0.80962	7.61679E-05	1.3663E-04
610315.43	4206330.03	3540.75004	0.00006	0.84819	7.65014E-05	1.3870E-04
610322.43	4206330.03	3643.57626	0.00006	0.88719	7.68386E-05	1.4084E-04
610329.43	4206330.03	3751.54815	0.00007	0.92481	7.71639E-05	1.4306E-04
610336.43	4206330.03	3864.28592	0.00007	0.96678	7.75267E-05	1.4541E-04
610343.43	4206330.03	3985.63844	0.00007	0.99749	7.77923E-05	1.4789E-04
610350.43	4206330.03	4113.39637	0.00007	0.92931	7.80674E-05	1.5032E-04
610357.43	4206330.03	4247.67632	0.00007	0.96030	7.83353E-05	1.5295E-04
610364.43	4206330.03	4388.91446	0.00008	0.98870	7.85809E-05	1.5568E-04
610371.43	4206330.03	4537.69695	0.00008	0.11781	7.88325E-05	1.5854E-04
610378.43	4206330.03	4694.50401	0.00008	0.15110	7.91204E-05	1.6158E-04
610385.43	4206330.03	4859.92113	0.00009	0.18627	7.94244E-05	1.6479E-04
610392.43	4206330.03	5034.58429	0.00009	0.21866	7.97045E-05	1.6814E-04
610399.43	4206330.03	5219.25175	0.00009	0.24901	7.99669E-05	1.7165E-04
610406.43	4206330.03	5414.71331	0.00010	0.28207	8.02637E-05	1.7537E-04
610413.43	4206330.03	5621.72688	0.00010	0.31890	8.05712E-05	1.7932E-04
610420.43	4206330.03	5841.34906	0.00010	0.35461	8.08799E-05	1.8349E-04
610427.43	4206330.03	6074.56495	0.00011	0.38649	8.11555E-05	1.8788E-04
610434.43	4206330.03	6322.50073	0.00011	0.41855	8.14327E-05	1.9249E-04
610441.43	4206330.03	6586.50051	0.00012	0.45587	8.17554E-05	1.9745E-04
610448.43	4206330.03	6867.96173	0.00012	0.49660	8.21076E-05	2.0275E-04
610455.43	4206330.03	7168.46652	0.00013	0.53586	8.24470E-05	2.0837E-04
610462.43	4206330.03	7489.90371	0.00013	0.57424	8.27788E-05	2.1434E-04
610469.43	4206330.03	7834.27633	0.00014	0.61697	8.31443E-05	2.2076E-04
610476.43	4206330.03	8203.73577	0.00014	0.66510	8.35644E-05	2.2767E-04
610497.43	4206330.03	9491.93043	0.00017	0.79300	8.46702E-05	2.5140E-04
610504.43	4206330.03	9992.80326	0.00018	0.83830	8.50619E-05	2.6059E-04
610511.43	4206330.03	10536.6255	0.00019	0.88626	8.54766E-05	2.7056E-04
610518.43	4206330.03	11129.01731	0.00020	0.92813	8.58386E-05	2.8133E-04
610525.43	4206330.03	11776.31226	0.00021	0.96438	8.61520E-05	2.9301E-04
610532.43	4206330.03	12486.28698	0.00022	10.00306	8.64864E-05	3.0582E-04
610539.43	4206330.03	13267.96572	0.00023	10.04732	8.68691E-05	3.1993E-04
610546.43	4206330.03	14132.62898	0.00025	10.08923	8.72314E-05	3.3548E-04
610553.43	4206330.03	15093.53908	0.00027	10.12213	8.75159E-05	3.5264E-04
610560.43	4206330.03	16180.04554	0.00028	10.12626	8.75516E-05	3.7177E-04
610567.43	4206330.03	17417.35949	0.00031	10.12874	8.75730E-05	3.9352E-04
610574.43	4206330.03	18817.54977	0.00033	10.15217	8.77756E-05	4.1832E-04
610581.43	4206330.03	20420.23251	0.00036	10.17012	8.79308E-05	4.4663E-04
610588.43	4206330.03	22260.7983	0.00039	10.18987	8.81016E-05	4.7913E-04
610595.43	4206330.03	24402.05894	0.00043	10.20717	8.82511E-05	5.1689E-04
610602.43	4206330.03	26903.51572	0.00047	10.22923	8.84419E-05	5.6102E-04
610609.43	4206330.03	29867.65836	0.00052	10.23429	8.84858E-05	6.1313E-04
610616.43	4206330.03	33390.56181	0.00059	10.22813	8.84324E-05	6.7496E-04
610623.43	4206330.03	37787.40695	0.00066	10.20278	8.82132E-05	7.5198E-04
610630.43	4206330.03	43344.04055	0.00076	10.16843	8.79162E-05	8.4929E-04
610637.43	4206330.03	51208.25881	0.00090	10.12434	8.75350E-05	9.8705E-04
610644.43	4206330.03	63367.98803	0.00111	9.99652	8.64299E-05	1.1995E-03
610294.43	4206337.03	3167.76745	0.00006	6.61824	5.72213E-05	1.1287E-04
610301.43	4206337.03	3254.17085	0.00006	6.64458	5.74490E-05	1.1461E-04
610308.43	4206337.03	3344.05822	0.00006	6.67285	5.76934E-05	1.1643E-04
610315.43	4206337.03	3438.27484	0.00006	6.69944	5.79233E-05	1.1832E-04
610322.43	4206337.03	3536.4422	0.00006	6.72640	5.81564E-05	1.2028E-04
610329.43	4206337.03	3639.43509	0.00006	6.75215	5.83791E-05	1.2231E-04
610336.43	4206337.03	3746.91686	0.00007	6.77990	5.86190E-05	1.2444E-04
610343.43	4206337.03	3862.50328	0.00007	6.79699	5.87667E-05	1.2661E-04
610350.43	4206337.03	3984.08861	0.00007	6.81293	5.89046E-05	1.2889E-04
610357.43	4206337.03	4111.80456	0.00007	6.82920	5.90452E-05	1.3127E-04
610364.43	4206337.03	4245.97987	0.00007	6.84610	5.91913E-05	1.3378E-04
610371.43	4206337.03	4387.13107	0.00008	6.86410	5.93470E-05	1.3641E-04
610378.43	4206337.03	4535.74248	0.00008	6.88327	5.95127E-05	1.3919E-04
610385.43	4206337.03	4692.30972	0.00008	6.90309	5.96841E-05	1.4211E-04
610392.43	4206337.03	4857.46511	0.00009	6.92318	5.98578E-05	1.4518E-04
610399.43	4206337.03	5031.86428	0.00009	6.94371	6.00353E-05	1.4842E-04
610406.43	4206337.03	5216.09622	0.00009	6.96495	6.02189E-05	1.5184E-04
610413.43	4206337.03	5411.03116	0.00010	6.98662	6.04063E-05	1.5546E-04
610420.43	4206337.03	5617.43268	0.00010	7.00822	6.05930E-05	1.5927E-04
610427.43	4206337.03	5836.26041	0.00010	7.02983	6.07799E-05	1.6330E-04
610434.43	4206337.03	6068.47927	0.00011	7.05207	6.09722E-05	1.6757E-04
610441.43	4206337.03	6315.30424	0.00011	7.07522	6.11723E-05	1.7211E-04
610448.43	4206337.03	6577.8875	0.00012	7.09901	6.13780E-05	1.7692E-04
610455.43	4206337.03	6857.60237	0.00012	7.12350	6.15897E-05	1.8205E-04
610462.43	4206337.03	7156.11621	0.00013	7.14935	6.18132E-05	1.8753E-04
610469.43	4206337.03	7475.0244	0.00013	7.17682	6.20508E-05	1.9336E-04
610476.43	4206337.03	7816.45894	0.00014	7.20522	6.22963E-05	1.9960E-04
610497.43	4206337.03	8999.07674	0.00016	7.28891	6.30199E-05	2.2118E-04
610504.43	4206337.03	9455.75586	0.00017	7.31706	6.32633E-05	2.2936E-04
610511.43	4206337.03	9949.69894	0.00017	7.34469	6.35022E-05	2.3828E-04
610518.43	4206337.03	10485.38204	0.00018	7.37106	6.37301E-05	2.4791E-04
610525.43	4206337.03	11067.88183	0.00019	7.39661	6.39511E-05	2.5837E-04
610532.43	4206337.03	11703.47907	0.00021	7.42206	6.41711E-05	2.6975E-04
610539.43	4206337.03	12399.30808	0.00022	7.44696	6.43864E-05	2.8213E-04
610546.43	4206337.03	13163.94126	0.00023	7.47022	6.45875E-05	2.9582E-04
610553.43	4206337.03	14007.72586	0.00025	7.49150	6.47715E-05	3.1083E-04
610560.43	4206337.03	14954.15808	0.00026	7.50227	6.48732E-05	3.2753E-04
610567.43	4206337.03	16021.95282	0.00028	7.51011	6.49324E-05	3.4637E-04
610574.43	4206337.03	17217.78148	0.00030	7.52091	6.50258E-05	3.6747E-04
610581.43	4206337.03	18570.55623	0.00033	7.53064	6.51099E-05	3.9132E-04
610588.43	4206337.03	20104.09218	0.00035	7.54143	6.52032E-05	4.1835E-04
610595.43	4206337.03	21863.18234	0.00038	7.54876	6.52665E-05	4.4931E-04
610602.43	4206337.03	23890.2791	0.00042	7.55324	6.53053E-05	4.8496E-04
610609.43	4206337.03	26271.07497	0.00046	7.54741	6.52549E-05	5.2673E-04
610616.43	4206337.03	29122.32673	0.00051	7.53086	6.51118E-05	5.7567E-04
610623.43	4206337.03	32661.23691	0.00057	7.50462	6.48849E-05	6.3866E-04
610630.43	4206337.03	37204.94389	0.00065	7.45992	6.44984E-05	7.1803E-04
610637.43	4206337.03	43123.69584	0.00076	7.39442	6.39321E-05	8.2143E-04
610644.43	4206337.03	51457.44258	0.00090	7.28074	6.29402E-05	9.6684E-04
610651.43	4206337.03	62195.45268	0.00109	7.08395	6.12478E-05	1.1538E-03
610658.43	4206337.03	74372.20798	0.00131	6.77224	5.85528E-05	1.3650E-03
610665.43	4206337.03	86885.17571	0.00153	6.33355	5.47598E-05	1.5810E-03
610672.43	4206337.03	99177.73137	0.00174	5.64432	4.88008E-05	1.7909E-03
610679.43	4206337.03	110871.7268	0.00195	4.74095	4.09902E-05	1.9885E-03
610686.43	4206337.03	121837.9164	0.00214	3.85999	3.33735E-05	2.1735E-03
610294.43	4206344.03	3080.03573	0.00005	5.23918	4.52979E-05	9.9401E-05
610301.43	4206344.03	3162.67949	0.00006	5.25896	4.54689E-05	1.0102E-04
610308.43	4206344.03	3248.65882	0.00006	5.28026	4.56531E-05	1.0272E-04
610315.43	4206344.03	3338.63742	0.00006	5.29970	4.58212E-05	1.0447E-04
610322.43	4206344.03	3432.35775	0.00006	5.31976	4.59946E-05	1.0629E-04
610329.43	4206344.03	3530.29879	0.00006	5.33920	4.61627E-05	1.0817E-04
610336.43	4206344.03	3633.04062	0.00006	5.35681	4.63150E-05	1.1013E-04
610343.43	4206344.03	3743.13294	0.00007	5.36493	4.63852E-05	1.1214E-04
610350.43	4206344.03	3858.9023	0.00007	5.37201	4.64464E-05	1.1423E-04
610357.43	4206344.03	3980.28462	0.00007	5.37954	4.65115E-05	1.1643E-04
610364.43	4206344.03	4107.79486	0.00007	5.38786	4.65834E-05	1.1874E-04
610371.43	4206344.03	4241.70333	0.00007	5.39723	4.66644E-05	1.2117E-04
610378.43	4206344.03	4382.53342	0.00008	5.40753	4.67535E-05	1.2374E-04
610385.43	4206344.03	4530.80727	0.00008	5.41859	4.68491E-05	1.2644E-04
610392.43	4206344.03	4686.94025	0.00008	5.43025	4.69499E-05	1.2928E-04
610399.43	4206344.03	4851.60491	0.00009	5.44239	4.70549E-05	1.3228E-04
610406.43	4206344.03	5025.35985	0.00009	5.45491	4.71631E-05	1.3544E-04

610413.43	4206344.03	5208.84994	0.00009	5.46772	4.72739E-05	1.3877E-04
610420.43	4206344.03	5402.87862	0.00009	5.48075	4.73865E-05	1.4229E-04
610427.43	4206344.03	5608.20124	0.00010	5.49403	4.75014E-05	1.4601E-04
610434.43	4206344.03	5825.75592	0.00010	5.50756	4.76183E-05	1.4995E-04
610441.43	4206344.03	6056.4996	0.00011	5.52141	4.77381E-05	1.5412E-04
610448.43	4206344.03	6301.46147	0.00011	5.53560	4.78608E-05	1.5855E-04
610455.43	4206344.03	6561.90108	0.00012	5.55030	4.79879E-05	1.6325E-04
610462.43	4206344.03	6839.13405	0.00012	5.56564	4.81205E-05	1.6825E-04
610469.43	4206344.03	7134.72958	0.00013	5.58159	4.82584E-05	1.7359E-04
610476.43	4206344.03	7450.24361	0.00013	5.59796	4.83999E-05	1.7927E-04
610497.43	4206344.03	8536.46521	0.00015	5.64720	4.88257E-05	1.9877E-04
610504.43	4206344.03	8953.23264	0.00016	5.66316	4.89637E-05	2.0623E-04
610511.43	4206344.03	9402.28785	0.00017	5.67870	4.90980E-05	2.1426E-04
610518.43	4206344.03	9887.23079	0.00017	5.69361	4.92269E-05	2.2290E-04
610525.43	4206344.03	10412.32592	0.00018	5.70786	4.93501E-05	2.3225E-04
610532.43	4206344.03	10982.35104	0.00019	5.72130	4.94663E-05	2.4238E-04
610539.43	4206344.03	11603.22099	0.00020	5.73377	4.95741E-05	2.5339E-04
610546.43	4206344.03	12281.48155	0.00022	5.74508	4.96719E-05	2.6541E-04
610553.43	4206344.03	13025.20621	0.00023	5.75505	4.97581E-05	2.7856E-04
610560.43	4206344.03	13853.52051	0.00024	5.76088	4.98085E-05	2.9316E-04
610567.43	4206344.03	14780.75576	0.00026	5.76372	4.98331E-05	3.0947E-04
610574.43	4206344.03	15809.87934	0.00028	5.76642	4.98564E-05	3.2757E-04
610581.43	4206344.03	16962.85108	0.00030	5.76777	4.98681E-05	3.4783E-04
610588.43	4206344.03	18256.80496	0.00032	5.76823	4.98721E-05	3.7057E-04
610595.43	4206344.03	19724.33773	0.00035	5.76528	4.98466E-05	3.9632E-04
610602.43	4206344.03	21401.89138	0.00038	5.75751	4.97794E-05	4.2572E-04
610609.43	4206344.03	23350.12455	0.00041	5.74389	4.96616E-05	4.5982E-04
610616.43	4206344.03	25680.7921	0.00045	5.72073	4.94614E-05	5.0056E-04
610623.43	4206344.03	28523.01939	0.00050	5.68730	4.91724E-05	5.5020E-04
610630.43	4206344.03	32044.32128	0.00056	5.63829	4.87488E-05	6.1163E-04
610637.43	4206344.03	36488.06545	0.00064	5.57219	4.81771E-05	6.8912E-04
610644.43	4206344.03	42319.98036	0.00074	5.47373	4.73258E-05	7.9071E-04
610651.43	4206344.03	49698.35638	0.00087	5.33029	4.60857E-05	9.1907E-04
610658.43	4206344.03	58375.82093	0.00103	5.12691	4.43272E-05	1.0697E-03
610665.43	4206344.03	67789.15397	0.00119	4.85815	4.20035E-05	1.2328E-03
610672.43	4206344.03	77394.7381	0.00136	4.49268	3.88437E-05	1.3983E-03
610679.43	4206344.03	86937.86345	0.00153	4.00396	3.46182E-05	1.5617E-03
610686.43	4206344.03	96152.30849	0.00169	3.46250	2.99368E-05	1.7189E-03
610693.43	4206344.03	104913.6028	0.00184	2.95223	2.55250E-05	1.8684E-03
610700.43	4206344.03	113150.5933	0.00199	2.51399	2.17359E-05	2.0093E-03
610707.43	4206344.03	121011.5115	0.00213	2.15321	1.86166E-05	2.1443E-03
610714.43	4206344.03	128501.6357	0.00226	1.86086	1.60890E-05	2.2733E-03
610721.43	4206344.03	135321.5284	0.00238	1.62422	1.40430E-05	2.3911E-03
610728.43	4206344.03	141619.4817	0.00249	1.43101	1.23725E-05	2.5000E-03
610735.43	4206344.03	147254.3594	0.00259	1.27141	1.09926E-05	2.5979E-03
610742.43	4206344.03	152002.4739	0.00267	1.13805	9.83957E-06	2.6799E-03
610749.43	4206344.03	155663.5934	0.00273	1.02548	8.86630E-06	2.7432E-03
610756.43	4206344.03	158314.1734	0.00278	0.92964	8.03766E-06	2.7889E-03
610763.43	4206344.03	159395.7853	0.00280	0.84738	7.32644E-06	2.8072E-03
610770.43	4206344.03	158908.8202	0.00279	0.77616	6.71068E-06	2.7981E-03
610777.43	4206344.03	156676.3775	0.00275	0.71411	6.17419E-06	2.7583E-03
610784.43	4206344.03	152481.1192	0.00268	0.65968	5.70359E-06	2.6841E-03
610791.43	4206344.03	146990.524	0.00258	0.61163	5.28815E-06	2.5873E-03
610798.43	4206344.03	140807.4778	0.00247	0.56897	4.91931E-06	2.4794E-03
610805.43	4206344.03	134539.4342	0.00236	0.53089	4.59007E-06	2.3679E-03
610812.43	4206344.03	128294.0353	0.00225	0.49673	4.29473E-06	2.2579E-03
610833.43	4206344.03	111173.9126	0.00195	0.41290	3.56993E-06	1.9564E-03
610840.43	4206344.03	106111.9147	0.00186	0.38989	3.37099E-06	1.8673E-03
610847.43	4206344.03	101368.192	0.00178	0.36886	3.18916E-06	1.7838E-03
610854.43	4206344.03	96929.47769	0.00170	0.34960	3.02264E-06	1.7057E-03
610861.43	4206344.03	92769.84606	0.00163	0.33190	2.86961E-06	1.6324E-03
610868.43	4206344.03	88864.03306	0.00156	0.31557	2.72842E-06	1.5637E-03
610875.43	4206344.03	85192.1455	0.00150	0.30049	2.59804E-06	1.4991E-03
610882.43	4206344.03	81735.34994	0.00144	0.28652	2.47725E-06	1.4382E-03
610889.43	4206344.03	78476.20398	0.00138	0.27355	2.36511E-06	1.3809E-03
610896.43	4206344.03	75398.70846	0.00132	0.26149	2.26084E-06	1.3267E-03
610903.43	4206344.03	72488.293	0.00127	0.25024	2.16357E-06	1.2755E-03
610910.43	4206344.03	69731.80291	0.00122	0.23974	2.07279E-06	1.2270E-03
610917.43	4206344.03	67117.41526	0.00118	0.22992	1.98789E-06	1.1810E-03
610924.43	4206344.03	64634.51464	0.00114	0.22071	1.90826E-06	1.1373E-03
610931.43	4206344.03	62273.14121	0.00109	0.21208	1.83364E-06	1.0957E-03
610938.43	4206344.03	60024.93376	0.00105	0.20396	1.76344E-06	1.0561E-03
610945.43	4206344.03	57882.10013	0.00102	0.19632	1.69738E-06	1.0184E-03
610952.43	4206344.03	55837.40559	0.00098	0.18911	1.63504E-06	9.8246E-04
610959.43	4206344.03	53884.62857	0.00095	0.18232	1.57634E-06	9.4818E-04
610966.43	4206344.03	52017.82042	0.00091	0.17590	1.52083E-06	9.1525E-04
610973.43	4206344.03	50231.88475	0.00088	0.16982	1.46826E-06	8.8383E-04
610980.43	4206344.03	48522.01951	0.00085	0.16406	1.41846E-06	8.5374E-04
610987.43	4206344.03	46883.6928	0.00082	0.15861	1.37134E-06	8.2492E-04
610994.43	4206344.03	45313.14983	0.00080	0.15343	1.32656E-06	7.9729E-04
611001.43	4206344.03	43806.60175	0.00077	0.14851	1.28402E-06	7.7078E-04
611008.43	4206344.03	42360.67406	0.00074	0.14383	1.24355E-06	7.4534E-04
611029.43	4206344.03	38356.55383	0.00067	0.13109	1.13340E-06	6.7498E-04
611036.43	4206344.03	37124.11581	0.00065	0.12722	1.09994E-06	6.5321E-04
611043.43	4206344.03	35938.88137	0.00063	0.12354	1.06813E-06	6.3236E-04
611050.43	4206344.03	34798.444	0.00061	0.12001	1.03761E-06	6.1238E-04
611057.43	4206344.03	33701.10228	0.00059	0.11664	1.00847E-06	5.9299E-04
611064.43	4206344.03	32644.65953	0.00057	0.11341	9.80542E-07	5.7441E-04
611078.43	4206344.03	30647.56586	0.00054	0.10736	9.28234E-07	5.3928E-04
611085.43	4206344.03	29703.76382	0.00052	0.10451	9.03593E-07	5.2267E-04
611092.43	4206344.03	28794.17947	0.00051	0.10179	8.80076E-07	5.0667E-04
610294.43	4206351.03	2994.69533	0.00005	4.30830	3.72495E-05	8.9854E-05
610301.43	4206351.03	3073.76402	0.00005	4.32384	3.73839E-05	9.1377E-05
610308.43	4206351.03	3155.95664	0.00006	4.34076	3.75302E-05	9.2967E-05
610315.43	4206351.03	3241.67296	0.00006	4.35692	3.76699E-05	9.4612E-05
610322.43	4206351.03	3331.4066	0.00006	4.37134	3.77946E-05	9.6313E-05
610329.43	4206351.03	3424.83496	0.00006	4.38623	3.79233E-05	9.8083E-05
610336.43	4206351.03	3522.77411	0.00006	4.39916	3.80351E-05	9.9915E-05
610343.43	4206351.03	3627.67999	0.00006	4.40249	3.80639E-05	1.0179E-04
610350.43	4206351.03	3737.80569	0.00007	4.40473	3.80833E-05	1.0374E-04
610357.43	4206351.03	3853.28792	0.00007	4.40746	3.81069E-05	1.0578E-04
610364.43	4206351.03	3974.35291	0.00007	4.41094	3.81370E-05	1.0795E-04
610371.43	4206351.03	4101.44855	0.00007	4.41533	3.81749E-05	1.1022E-04
610378.43	4206351.03	4234.9771	0.00007	4.42058	3.82203E-05	1.1261E-04
610385.43	4206351.03	4375.27513	0.00008	4.42655	3.82719E-05	1.1513E-04
610392.43	4206351.03	4522.96228	0.00008	4.43308	3.83284E-05	1.1778E-04
610399.43	4206351.03	4678.43493	0.00008	4.44006	3.83887E-05	1.2057E-04
610406.43	4206351.03	4842.2777	0.00009	4.44742	3.84524E-05	1.2351E-04
610413.43	4206351.03	5015.03111	0.00009	4.45507	3.85185E-05	1.2661E-04
610420.43	4206351.03	5197.43792	0.00009	4.46294	3.85866E-05	1.2988E-04
610427.43	4206351.03	5390.14296	0.00009	4.47100	3.86562E-05	1.3334E-04
610434.43	4206351.03	5593.98974	0.00010	4.47925	3.87276E-05	1.3699E-04
610441.43	4206351.03	5809.71893	0.00010	4.48768	3.88005E-05	1.4085E-04
610448.43	4206351.03	6038.3666	0.00011	4.49630	3.88750E-05	1.4494E-04
610455.43	4206351.03	6280.93388	0.00011	4.50514	3.89514E-05	1.4928E-04
610462.43	4206351.03	6538.59647	0.00011	4.51423	3.90300E-05	1.5388E-04
610469.43	4206351.03	6812.56731	0.00012	4.52362	3.91112E-05	1.5878E-04
610476.43	4206351.03	7104.28847	0.00012	4.53320	3.91940E-05	1.6399E-04
610497.43	4206351.03	8102.96072	0.00014	4.56171	3.94405E-05	1.8177E-04
610504.43	4206351.03	8483.74934	0.00015	4.57072	3.95184E-05	1.8854E-04
610511.43	4206351.03	8892.57055	0.00016	4.57930	3.95926E-05	1.9580E-04
610518.43	4206351.03	9332.41558	0.00016	4.58732	3.96619E-05	2.0359E-04
610525.43	4206351.03	9806.68084	0.00017	4.59464	3.97252E-05	2.1199E-04
610532.43	4206351.03	10319.35125	0.00018	4.60113	3.97813E-05	2.2105E-04
610539.43	4206351.03	10874.98522	0.00019	4.60668	3.98293E-05	2.3086E-04
610546.43	4206351.03	11478.9263	0.00020	4.61111	3.98676E-05	2.4150E-04
610553.43	4206351.03	12137.47468	0.00021	4.61424	3.98947E-05	2.5310E-04
610560.43	4206351.03	12866.44271	0.00023	4.61534	3.99042E-05	2.6591E-04
610567.43	4206351.03	13676.78753	0.00024	4.61481	3.98996E-05	2.8014E-04
610574.43	4206351.03	14569.58976	0.00026	4.61302	3.98841E-05	2.9581E-04
610581.43	4206351.03	15562.18819	0.00027	4.60956	3.98542E-05	3.1322E-04
610588.43	4206351.03	16668.95507	0.00029	4.60408	3.98069E-05	3.3261E-04
610595.43	4206351.03	17909.68928	0.00031	4.59619	3.97386E-05	3.5434E-04
610602.43	4206351.03	19320.17545	0.00034	4.58374	3.96310E-05	3.7900E-04
610609.43	4206351.03	20944.61008	0.00037	4.56596	3.94773E-05	4.0738E-04
610616.43	4206351.03	22866.10696	0.00040	4.54040	3.92563E-05	4.4092E-04
610623.43	4206351.03	25173.10775	0.00044	4.50594	3.89583E-05	4.8114E-04
610630.43	4206351.03	27975.30533	0.00049	4.45971	3.85586E-05	5.2997E-04
610637.43	4206351.03	31372.42352	0.00055	4.40113	3.80521E-05	5.8913E-04
610644.43	4206351.03	35626.1191	0.00063	4.32167	3.73651E-05	6.6316E-04
610651.43	4206351.03	40904.41978	0.00072	4.21536	3.64460E-05	7.5496E-04
610658.43	4206351.03	47164.60034	0.00083	4.07596	3.52407E-05	8.6372E-04
610665.43	4206351.03	54165.20686	0.00095	3.90099	3.37279E-05	9.8518E-04
610672.43	4206351.03	61606.49555	0.00108	3.67944	3.18124E-05	1.1140E-03
610679.43	4206351.03	69217.35148	0.00122	3.39424	2.93466E-05	1.2452E-03
610686.43	4206351.03	76781.71496	0.00135	3.05911	2.64491E-05	1.3752E-03
610693.43	4206351.03	84158.95078	0.00148	2.71201	2.34480E-05	1.5018E-03
610700.43	4206351.03	91248.71531	0.00160	2.38571	2.06268E-05	1.6235E-03
610707.43	4206351.03	98192.48695	0.00172	2.09590	1.81211E-05	1.7429E-03
610714.43	4206351.03	104778.1699	0.00184	1.84687	1.59680E-05	1.8565E-03
610721.43	4206351.03	110975.1699	0.00195	1.63567	1.41420E-05	1.9635E-03
610728.43	4206351.03	116727.0256	0.00205	1.45694	1.25967E-05	2.0636E-03
610735.43	4206351.03	121946.9739	0.00214	1.30515	1.12843E-05	2.1534E-03
610742.43	4206351.03	126690.2793	0.00223	1.17556	1.01639E-05	2.2356E-03
610749.43	4206351.03	130627.82	0.00229	1.06437	9.20254E-06	2.3038E-03
610756.43	4206351.03	133412.8859	0.00234	0.96847	8.37339E-06	2.3519E-03
610763.43	4206351.03	135314.0128	0.00238	0.88522	7.65361E-06	2.3845E-03
610770.43	4206351.03	136132.4193	0.00239	0.81255	7.02530E-06	2.3983E-03
610777.43	4206351.03	135630.5934	0.00238	0.74878	6.47395E-06	2.3889E-03
610784.43	4206351.03	133776.8843	0.00235	0.69254	5.98770E-06	2.3559E-03
610791.43	4206351.03	130713.52	0.00230	0.64263	5.55618E-06	2.3016E-03
610798.43	4206351.03	126844.9851	0.00223	0.59816	5.17169E-06	2.2333E-03
610805.43	4206351.03	122504.147	0.00215	0.55834	4.82740E-06	2.1567E-03
610812.43	4206351.03	117953.6613	0.00207	0.52254	4.51788E-06	2.0765E-03
610833.43	4206351.03	104434.7358	0.00183	0.43432	3.75513E-06	1.8382E-03
610840.43	4206351.03	100213.0396	0.00176	0.41005	3.54529E-06	1.7639E-03
610847.43	4206351.03	96178.15622	0.00169	0.38785	3.35335E-06	1.6928E-03
610854.43	4206351.03	92345.45203	0.00162	0.36749	3.17732E-06	1.6253E-03
610861.43	4206351.03	88705.13341	0.00156	0.34878	3.01555E-06	1.5612E-03
610868.43	4206351.03	85247.80545	0.00150	0.33151	2.86623E-06	1.5003E-03
610875.43	4206351.03	81965.28869	0.00144	0.31556	2.72833E-06	1.4425E-03
610882.43	4206351.03	78846.7048	0.00139	0.30077	2.60046E-06	1.3876E-03
610889.43	4206351.03	75888.48656	0.00133	0.28704	2.48175E-06	1.3355E-03
610896.43	4206351.03	73074.93535	0.00128	0.27427	2.37134E-06	1.2860E-03
610903.43	4206351.03	70398.67921	0.00124	0.26237	2.26849E-06	1.2389E-03
610910.43	4206351.03	67850.68257	0.00119	0.25126	2.17239E-06	1.1940E-03
610917.43	4206351.03	65422.79052	0.00115	0.24086	2.08247E-06	1.1513E-03
610924.43	4206351.03	63107.17313	0.00111	0.23112	1.99826E-06	1.1105E-03
610931.43	4206351.03	60896.77304	0.00107	0.22198	1.91924E-06	1.0716E-03
610938.43	4206351.03	58784.92832	0.00103	0.21340	1.84506E-06	1.0344E-03
610945.43	4206351.03	56765.30314	0.00100	0.20532	1.77528E-06	9.9890E-04
610952.43	4206351.03	54832.6644	0.00096	0.19770	1.70931E-06	9.6489E-04
610959.43	4206351.03	52981.72031	0.00093	0.19052	1.64723E-06	9.3231E-04
610966.43	4206351.03	51207.74887	0.00090	0.18373	1.58853E-06	9.0109E-04
610973.43	4206351.03	49506.67855	0.00087	0.17731	1.53302E-06	8.7115E-04
610980.43	4206351.03	47874.21781	0.00084	0.17123	1.48045E-06	8.4243E-04
610987.43	4206351.03	46306.88059	0.00081	0.16547	1.43065E-06	8.1484E-04
610994.43	4206351.03	44801.28232	0.00079	0.16001	1.38345E-06	7.8835E-04
611001.43	4206351.03	43354.28266	0.00076	0.15482	1.33857E-06	7.6289E-04
611008.43	4206351.03	41962.92753	0.00074	0.14988	1.29586E-06	7.3841E-04
611029.43	4206351.03	38097.34674	0.00067	0.13645	1.17975E-06	6.7039E-04
611036.43	4206351.03	36903.76744	0.00065	0.13238	1.14456E-06	6.4939E-04
611043.43	4206351.03	35754.18194	0.00063	0.12850	1.11101E-06	6.2916E-04
611050.43	4206351.03	34646.59424	0.00061	0.12479	1.07893E-06	6.0967E-04
611057.43	4206351.03	33579.25376	0.00059	0.12124	1.04824E-06	5.9089E-04
611064.43	4206351.03	32550.32764	0.00057	0.11784	1.01884E-06	5.7279E-04

611078.43	4206351.03	30601.83472	0.00054	0.11148	9.63856E-07	5.3851E-04
611085.43	4206351.03	29679.14453	0.00052	0.10849	9.38004E-07	5.2227E-04
611092.43	4206351.03	28789.04245	0.00051	0.10562	9.13190E-07	5.0661E-04
610294.43	4206358.03	2911.77112	0.00005	3.64549	3.15188E-05	8.2666E-05
610301.43	4206358.03	2987.17988	0.00005	3.65906	3.16362E-05	8.4108E-05
610308.43	4206358.03	3065.98135	0.00005	3.67152	3.17439E-05	8.5603E-05
610315.43	4206358.03	3147.88249	0.00006	3.68463	3.18573E-05	8.7152E-05
610322.43	4206358.03	3233.55558	0.00006	3.69608	3.19563E-05	8.8756E-05
610329.43	4206358.03	3322.69802	0.00006	3.70781	3.20577E-05	9.0423E-05
610336.43	4206358.03	3416.0731	0.00006	3.71774	3.21436E-05	9.2149E-05
610343.43	4206358.03	3515.98513	0.00006	3.71902	3.21546E-05	9.3935E-05
610350.43	4206358.03	3620.86522	0.00006	3.71912	3.21555E-05	9.5759E-05
610357.43	4206358.03	3730.64512	0.00007	3.71949	3.21587E-05	9.7690E-05
610364.43	4206358.03	3845.71656	0.00007	3.72050	3.21674E-05	9.9720E-05
610371.43	4206358.03	3966.30277	0.00007	3.72221	3.21822E-05	1.0185E-04
610378.43	4206358.03	4092.85752	0.00007	3.72460	3.22029E-05	1.0410E-04
610385.43	4206358.03	4225.74671	0.00007	3.72757	3.22286E-05	1.0646E-04
610392.43	4206358.03	4365.42008	0.00008	3.73104	3.22586E-05	1.0894E-04
610399.43	4206358.03	4512.24109	0.00008	3.73493	3.22922E-05	1.1155E-04
610406.43	4206358.03	4666.74789	0.00008	3.73916	3.23288E-05	1.1430E-04
610413.43	4206358.03	4829.5422	0.00008	3.74365	3.23676E-05	1.1720E-04
610420.43	4206358.03	5001.02173	0.00009	3.74835	3.2408ZE-05	1.2025E-04
610427.43	4206358.03	5181.99336	0.00009	3.75323	3.24504E-05	1.2348E-04
610434.43	4206358.03	5372.96871	0.00009	3.75825	3.24938E-05	1.2687E-04
610441.43	4206358.03	5574.8716	0.00010	3.76339	3.25383E-05	1.3046E-04
610448.43	4206358.03	5788.35444	0.00010	3.76862	3.25835E-05	1.3426E-04
610455.43	4206358.03	6014.41069	0.00011	3.77395	3.26296E-05	1.3828E-04
610462.43	4206358.03	6254.02887	0.00011	3.77940	3.26767E-05	1.4253E-04
610469.43	4206358.03	6508.17259	0.00011	3.78494	3.27246E-05	1.4703E-04
610476.43	4206358.03	6778.19795	0.00012	3.79053	3.27728E-05	1.5184E-04
610497.43	4206358.03	7697.40507	0.00014	3.80678	3.29134E-05	1.6812E-04
610504.43	4206358.03	8045.89284	0.00014	3.81169	3.29558E-05	1.7429E-04
610511.43	4206358.03	8418.80486	0.00015	3.81617	3.29944E-05	1.8088E-04
610518.43	4206358.03	8818.61836	0.00015	3.82012	3.30287E-05	1.8793E-04
610525.43	4206358.03	9248.10175	0.00016	3.82345	3.30575E-05	1.9551E-04
610532.43	4206358.03	9710.55415	0.00017	3.82599	3.30795E-05	2.0365E-04
610539.43	4206358.03	10209.57416	0.00018	3.82761	3.30935E-05	2.1243E-04
610546.43	4206358.03	10749.65219	0.00019	3.82817	3.30983E-05	2.2192E-04
610553.43	4206358.03	11335.67743	0.00020	3.82754	3.30928E-05	2.3221E-04
610560.43	4206358.03	11980.80798	0.00021	3.82576	3.30775E-05	2.4353E-04
610567.43	4206358.03	12693.68691	0.00022	3.82305	3.30541E-05	2.5603E-04
610574.43	4206358.03	13476.05837	0.00024	3.81886	3.30178E-05	2.6973E-04
610581.43	4206358.03	14336.63449	0.00025	3.81299	3.29671E-05	2.8480E-04
610588.43	4206358.03	15292.24595	0.00027	3.80516	3.28994E-05	3.0152E-04
610595.43	4206358.03	16357.60029	0.00029	3.79442	3.28100E-05	3.2014E-04
610602.43	4206358.03	17563.58848	0.00031	3.78069	3.26878E-05	3.4121E-04
610609.43	4206358.03	18944.72004	0.00033	3.76197	3.25260E-05	3.6538E-04
610616.43	4206358.03	20558.3885	0.00036	3.73701	3.23102E-05	3.9343E-04
610623.43	4206358.03	22467.35657	0.00039	3.70451	3.20292E-05	4.2668E-04
610630.43	4206358.03	24731.71859	0.00043	3.66400	3.16789E-05	4.6611E-04
610637.43	4206358.03	27404.78361	0.00048	3.61450	3.12509E-05	5.1264E-04
610644.43	4206358.03	30646.90009	0.00054	3.55097	3.07017E-05	5.6904E-04
610651.43	4206358.03	34559.7631	0.00061	3.47084	3.00089E-05	6.3708E-04
610658.43	4206358.03	39186.84658	0.00069	3.37092	2.91450E-05	7.1749E-04
610665.43	4206358.03	44445.67848	0.00078	3.24949	2.80951E-05	8.0882E-04
610672.43	4206358.03	50200.73919	0.00088	3.10231	2.68226E-05	9.0864E-04
610679.43	4206358.03	56224.01844	0.00099	2.92052	2.52508E-05	1.0129E-03
610686.43	4206358.03	62369.96632	0.00110	2.70383	2.33773E-05	1.1190E-03
610693.43	4206358.03	68532.81052	0.00120	2.46677	2.13277E-05	1.2252E-03
610700.43	4206358.03	74548.20305	0.00131	2.22859	1.92684E-05	1.3288E-03
610707.43	4206358.03	80533.70461	0.00141	2.00328	1.73203E-05	1.4320E-03
610714.43	4206358.03	86375.52651	0.00152	1.79858	1.55505E-05	1.5328E-03
610721.43	4206358.03	91931.57157	0.00161	1.61695	1.39801E-05	1.6288E-03
610728.43	4206358.03	97118.2564	0.00171	1.45749	1.26015E-05	1.7186E-03
610735.43	4206358.03	101966.0897	0.00179	1.31796	1.13951E-05	1.8025E-03
610742.43	4206358.03	106389.9747	0.00187	1.19608	1.03413E-05	1.8792E-03
610749.43	4206358.03	110273.4933	0.00194	1.08954	9.42016E-06	1.9465E-03
610756.43	4206358.03	113371.027	0.00199	0.99616	8.61279E-06	2.0001E-03
610763.43	4206358.03	115695.3138	0.00203	0.91407	7.90304E-06	2.0402E-03
610770.43	4206358.03	117203.677	0.00206	0.84168	7.27716E-06	2.0660E-03
610777.43	4206358.03	117777.6503	0.00207	0.77756	6.72278E-06	2.0756E-03
610784.43	4206358.03	117336.2683	0.00206	0.72056	6.22996E-06	2.0673E-03
610791.43	4206358.03	115942.5337	0.00204	0.66970	5.79022E-06	2.0424E-03
610798.43	4206358.03	113739.0521	0.00200	0.62413	5.39622E-06	2.0033E-03
610805.43	4206358.03	110968.2511	0.00195	0.58314	5.04183E-06	1.9543E-03
610812.43	4206358.03	107825.3529	0.00189	0.54615	4.72201E-06	1.8988E-03
610833.43	4206358.03	97561.8957	0.00171	0.45453	3.92986E-06	1.7177E-03
610840.43	4206358.03	94139.7292	0.00165	0.42920	3.71086E-06	1.6573E-03
610847.43	4206358.03	90794.75734	0.00159	0.40599	3.51019E-06	1.5984E-03
610854.43	4206358.03	87559.30233	0.00154	0.38470	3.32616E-06	1.5414E-03
610861.43	4206358.03	84437.56096	0.00148	0.36509	3.15657E-06	1.4864E-03
610868.43	4206358.03	81432.18972	0.00143	0.34699	3.00007E-06	1.4334E-03
610875.43	4206358.03	78545.49394	0.00138	0.33024	2.85575E-06	1.3824E-03
610882.43	4206358.03	75776.97665	0.00133	0.31471	2.72098E-06	1.3338E-03
610889.43	4206358.03	73124.05766	0.00128	0.30029	2.59631E-06	1.2871E-03
610896.43	4206358.03	70582.91519	0.00124	0.28686	2.48019E-06	1.2423E-03
610903.43	4206358.03	68149.19907	0.00120	0.27434	2.37194E-06	1.1995E-03
610910.43	4206358.03	65818.08302	0.00116	0.26265	2.27087E-06	1.1584E-03
610917.43	4206358.03	63584.65524	0.00112	0.25172	2.17637E-06	1.1191E-03
610924.43	4206358.03	61444.0256	0.00108	0.24147	2.08775E-06	1.0814E-03
610931.43	4206358.03	59391.48436	0.00104	0.23185	2.00457E-06	1.0453E-03
610938.43	4206358.03	57422.38097	0.00101	0.22281	1.92641E-06	1.0106E-03
610945.43	4206358.03	55532.44697	0.00098	0.21431	1.85292E-06	9.7732E-04
610952.43	4206358.03	53717.61774	0.00094	0.20629	1.78358E-06	9.4537E-04
610959.43	4206358.03	51973.9903	0.00091	0.19873	1.71822E-06	9.1468E-04
610966.43	4206358.03	50298.11093	0.00088	0.19159	1.65649E-06	8.8518E-04
610973.43	4206358.03	48686.47345	0.00086	0.18484	1.59813E-06	8.5681E-04
610980.43	4206358.03	47136.05427	0.00083	0.17844	1.54279E-06	8.2952E-04
610987.43	4206358.03	45643.88377	0.00080	0.17238	1.49040E-06	8.032E-04
610994.43	4206358.03	44207.20204	0.00078	0.16664	1.44077E-06	7.7797E-04
611001.43	4206358.03	42823.56602	0.00075	0.16118	1.39356E-06	7.5362E-04
611008.43	4206358.03	41490.41548	0.00073	0.15599	1.34869E-06	7.3016E-04
611029.43	4206358.03	37772.91035	0.00066	0.14187	1.22661E-06	6.6474E-04
611036.43	4206358.03	36621.11914	0.00064	0.13760	1.18969E-06	6.4447E-04
611043.43	4206358.03	35509.85976	0.00062	0.13352	1.15441E-06	6.2491E-04
611050.43	4206358.03	34437.66514	0.00060	0.12962	1.12069E-06	6.0604E-04
611057.43	4206358.03	33402.80223	0.00059	0.12590	1.08853E-06	5.8783E-04
611064.43	4206358.03	32403.91834	0.00057	0.12234	1.05775E-06	5.702E-04
611078.43	4206358.03	30508.3297	0.00054	0.11566	9.99996E-07	5.3690E-04
611085.43	4206358.03	29608.96874	0.00052	0.11253	9.72934E-07	5.210E-04
611092.43	4206358.03	28740.29136	0.00050	0.10952	9.46909E-07	5.0579E-04
610294.43	4206365.03	2831.19965	0.00005	3.15091	2.72428E-05	7.6975E-05
610301.43	4206365.03	2903.31662	0.00005	3.16180	2.73369E-05	7.8336E-05
610308.43	4206365.03	2978.69331	0.00005	3.17175	2.74229E-05	7.9746E-05
610315.43	4206365.03	3056.93095	0.00005	3.18229	2.75141E-05	8.1211E-05
610322.43	4206365.03	3138.76089	0.00006	3.19145	2.75933E-05	8.2728E-05
610329.43	4206365.03	3223.83048	0.00006	3.20094	2.76753E-05	8.4304E-05
610336.43	4206365.03	3312.58405	0.00006	3.20984	2.77523E-05	8.594OE-05
610343.43	4206365.03	3408.07259	0.00006	3.20950	2.77493E-05	8.7615E-05
610350.43	4206365.03	3507.92127	0.00006	3.20894	2.77445E-05	8.936 4E-05
610357.43	4206365.03	3612.34564	0.00006	3.20852	2.77408E-05	9.1194E-05
610364.43	4206365.03	3721.68249	0.00007	3.20843	2.77401E-05	9.3114E-05
610371.43	4206365.03	3836.15189	0.00007	3.20879	2.77432E-05	9.512BE-05
610378.43	4206365.03	3956.16855	0.00007	3.20960	2.77502E-05	9.7243E-05
610385.43	4206365.03	4082.08513	0.00007	3.21085	2.77610E-05	9.9466E-05
610392.43	4206365.03	4214.16563	0.00007	3.21249	2.77752E-05	1.0180E-04
610399.43	4206365.03	4352.89874	0.00008	3.21446	2.77922E-05	1.042SE-04
610406.43	4206365.03	4498.7412	0.00008	3.21673	2.78118E-05	1.0684E-04
610413.43	4206365.03	4652.05086	0.00008	3.21923	2.78334E-05	1.0955E-04
610420.43	4206365.03	4813.48157	0.00008	3.22193	2.78568E-05	1.1241E-04
610427.43	4206365.03	4983.43075	0.00009	3.22476	2.78813E-05	1.1542E-04
610434.43	4206365.03	5162.57047	0.00009	3.22772	2.79069E-05	1.1859E-04
610441.43	4206365.03	5351.56568	0.00009	3.23075	2.79330E-05	1.2194E-04
610448.43	4206365.03	5551.06788	0.00010	3.23385	2.79599E-05	1.2547E-04
610455.43	4206365.03	5761.92401	0.00010	3.23698	2.79869E-05	1.2920E-04
610462.43	4206365.03	5984.86357	0.00011	3.24013	2.80141E-05	1.3314E-04
610469.43	4206365.03	6220.98771	0.00011	3.24330	2.80416E-05	1.3732E-04
610476.43	4206365.03	6471.17896	0.00011	3.24644	2.80687E-05	1.4174E-04
610497.43	4206365.03	7318.50663	0.00013	3.25512	2.81438E-05	1.567OE-04
610504.43	4206365.03	7638.04422	0.00013	3.25751	2.81644E-05	1.6233E-04
610511.43	4206365.03	7978.93756	0.00014	3.25951	2.81817E-05	1.683 4E-04
610518.43	4206365.03	8341.3081	0.00015	3.26102	2.81948E-05	1.747SE-04
610525.43	4206365.03	8733.33866	0.00015	3.26193	2.82026E-05	1.816 1E-04
610532.43	4206365.03	9151.84715	0.00016	3.26214	2.82044E-05	1.889 6E-04
610539.43	4206365.03	9601.83519	0.00017	3.26152	2.81991E-05	1.9686E-04
610546.43	4206365.03	10086.71378	0.00018	3.25991	2.81852E-05	2.0537E-04
610553.43	4206365.03	10610.78256	0.00019	3.25718	2.81616E-05	2.1455E-04
610560.43	4206365.03	11186.12809	0.00020	3.25384	2.81327E-05	2.2463E-04
610567.43	4206365.03	11815.96908	0.00021	3.24981	2.80978E-05	2.3565E-04
610574.43	4206365.03	12505.17494	0.00022	3.24443	2.80513E-05	2.4771E-04
610581.43	4206365.03	13259.29075	0.00023	3.23736	2.79902E-05	2.6090E-04
610588.43	4206365.03	14092.96157	0.00025	3.22858	2.79143E-05	2.7547E-04
610595.43	4206365.03	15019.24834	0.00026	3.21750	2.78185E-05	2.9164E-04
610602.43	4206365.03	16063.70869	0.00028	3.20329	2.76956E-05	3.0987E-04
610609.43	4206365.03	17255.34528	0.00030	3.18508	2.75382E-05	3.3064E-04
610616.43	4206365.03	18629.04719	0.00033	3.16211	2.73396E-05	3.5457E-04
610623.43	4206365.03	20234.03002	0.00036	3.13321	2.70897E-05	3.8252E-04
610630.43	4206365.03	22104.57271	0.00039	3.09835	2.67883E-05	4.1507E-04
610637.43	4206365.03	24267.63703	0.00043	3.05696	2.64305E-05	4.5271E-04
610644.43	4206365.03	26810.73377	0.00047	3.00637	2.59931E-05	4.9694E-04
610651.43	4206365.03	29827.78923	0.00052	2.94445	2.54577E-05	5.4940E-04
610658.43	4206365.03	33349.72008	0.00059	2.86992	2.48133E-05	6.1063E-04
610665.43	4206365.03	37387.49596	0.00066	2.78157	2.40494E-05	6.8078E-04
610672.43	4206365.03	41838.96952	0.00073	2.67755	2.31501E-05	7.5808E-04
610679.43	4206365.03	46630.36384	0.00082	2.55293	2.20726E-05	8.4117E-04
610686.43	4206365.03	51606.24063	0.00091	2.40558	2.07986E-05	9.2730E-04
610693.43	4206365.03	56699.85049	0.00100	2.24003	1.93673E-05	1.0153E-03
610700.43	4206365.03	61796.21237	0.00109	2.06598	1.78625E-05	1.1034E-03
610707.43	4206365.03	66951.50109	0.00118	1.89306	1.63674E-05	1.1934E-03
610714.43	4206365.03	72034.96642	0.00127	1.72846	1.49443E-05	1.2803E-03
610721.43	4206365.03	76968.28705	0.00135	1.57609	1.36269E-05	1.3656E-03
610728.43	4206365.03	81672.54664	0.00143	1.43749	1.24285E-05	1.4471E-03
610735.43	4206365.03	86065.51783	0.00151	1.31277	1.13502E-05	1.5232E-03
610742.43	4206365.03	90162.77184	0.00158	1.20115	1.03851E-05	1.5942E-03
610749.43	4206365.03	93878.90685	0.00165	1.10160	9.52443E-06	1.6586E-03
610756.43	4206365.03	97109.74343	0.00171	1.01290	8.7573 3E-06	1.714 6E-03
610763.43	4206365.03	99616.36875	0.00175	0.93379	8.07354E-06	1.7579E-03
610770.43	4206365.03	101480.4456	0.00178	0.86215	7.4627 9E-06	1.7900E-03
610777.43	4206365.03	102660.1392	0.00180	0.79997	6.91654E-06	1.8102E-03
610784.43	4206365.03	103089.7872	0.00181	0.74331	6.42656E-06	1.8173E-03
610791.43	4206365.03	102768.7857	0.00181	0.69235	5.98605E-06	1.8112E-03
610798.43	4206365.03	101764.1179	0.00179	0.64641	5.58886E-06	1.7932E-03
610805.43	4206365.03	100175.3357	0.00176	0.60486	5.22962E-06	1.7649E-03
610812.43	4206365.03	98162.9245	0.00172	0.56719	4.90392E-06	1.7292E-03
610833.43	4206365.03	90704.879	0.00159	0.47319	4.09120E-06	1.5974E-03
610840.43	4206365.03	88020.47215	0.00155	0.44706	3.86528E-06	1.550OE-03
610847.43	4206365.03	85323.01689	0.00150	0.42305	3.65769E-06	1.5024E-03
610854.43	4206365.03	82657.82358	0.00145	0.40098	3.46687E-06	1.4554E-03
610861.43	4206365.03	80038.23658	0.00141	0.38063	3.29093E-06	1.4092E-03
610868.43	4206365.03	77476.02975	0.00136	0.36181	3.12821E-06	1.3641E-03
610875.43	4206365.03	74981.11583	0.00132	0.34437	2.97742E-06	1.3201E-03
610882.43	4206365.03	72559.99374	0.00127	0.32819	2.83753E-06	1.2774E-03
610889.43	4206365.03	70216.15823	0.00123	0.31315	2.70748E-06	1.2361E-03
610896.43	4206365.03	67950.85206	0.00119	0.29913	2.58628E-06	1.196 2E-03
610903.43	4206365.03	65763.82331	0.00116	0.28605	2.47319E-06	1.157 7E-03
610910.43	4206365.03	63654.13122	0.00112	0.27383	2.36753E-06	1.1205E-03

610917.43	4206365.03	61620.12447	0.00108	0.26239	2.26862E-06	1.0847E-03
610924.43	4206365.03	59659.44502	0.00105	0.25167	2.17594E-06	1.0501E-03
610931.43	4206365.03	57769.65499	0.00101	0.24160	2.08887E-06	1.0169E-03
610938.43	4206365.03	55948.39571	0.00098	0.23214	2.00708E-06	9.8478E-04
610945.43	4206365.03	54192.85156	0.00095	0.22323	1.93005E-06	9.5387E-04
610952.43	4206365.03	52500.41044	0.00092	0.21484	1.85751E-06	9.2407E-04
610959.43	4206365.03	50868.54374	0.00089	0.20691	1.78894E-06	8.9533E-04
610966.43	4206365.03	49294.88234	0.00087	0.19943	1.72427E-06	8.6762E-04
610973.43	4206365.03	47776.85335	0.00084	0.19235	1.66306E-06	8.4093E-04
610980.43	4206365.03	46312.31424	0.00081	0.18565	1.60513E-06	8.1511E-04
610987.43	4206365.03	44898.89635	0.00079	0.17930	1.55023E-06	7.9023E-04
610994.43	4206365.03	43534.74146	0.00076	0.17328	1.49818E-06	7.6622E-04
611001.43	4206365.03	42217.71055	0.00074	0.16756	1.44872E-06	7.4303E-04
611022.43	4206365.03	38531.45418	0.00068	0.15203	1.31445E-06	6.7815E-04
611029.43	4206365.03	37385.31848	0.00066	0.14733	1.27381E-06	6.5797E-04
611036.43	4206365.03	36277.78697	0.00064	0.14286	1.23517E-06	6.3848E-04
611043.43	4206365.03	35207.5777	0.00062	0.13859	1.19825E-06	6.1965E-04
611050.43	4206365.03	34173.1153	0.00060	0.13451	1.16297E-06	6.0144E-04
611057.43	4206365.03	33173.16815	0.00058	0.13061	1.12925E-06	5.8384E-04
611064.43	4206365.03	32206.5385	0.00057	0.12688	1.09700E-06	5.6683E-04
611078.43	4206365.03	30367.94777	0.00053	0.11989	1.03657E-06	5.3447E-04
611085.43	4206365.03	29493.8623	0.00052	0.11661	1.00821E-06	5.1909E-04
611092.43	4206365.03	28648.49513	0.00050	0.11347	9.81061E-07	5.0421E-04
610294.43	4206372.03	2753.02562	0.00005	2.76742	2.39271E-05	7.2288E-05
610301.43	4206372.03	2822.0649	0.00005	2.77603	2.40015E-05	7.3573E-05
610308.43	4206372.03	2894.13305	0.00005	2.78389	2.40695E-05	7.4907E-05
610315.43	4206372.03	2968.93132	0.00005	2.79230	2.41422E-05	7.6294E-05
610322.43	4206372.03	3046.81967	0.00005	2.80040	2.42122E-05	7.7732E-05
610329.43	4206372.03	3128.28484	0.00005	2.80739	2.42727E-05	7.9223E-05
610336.43	4206372.03	3212.92776	0.00006	2.81468	2.43357E-05	8.0773E-05
610343.43	4206372.03	3303.96335	0.00006	2.81461	2.43351E-05	8.2372E-05
610350.43	4206372.03	3399.01678	0.00006	2.81422	2.43317E-05	8.4038E-05
610357.43	4206372.03	3498.41824	0.00006	2.81373	2.43275E-05	8.5768E-05
610364.43	4206372.03	3602.30627	0.00006	2.81331	2.43239E-05	8.7601E-05
610371.43	4206372.03	3711.0577	0.00007	2.81308	2.43219E-05	8.9509E-05
610378.43	4206372.03	3824.90927	0.00007	2.81310	2.43220E-05	9.1509E-05
610385.43	4206372.03	3944.18041	0.00007	2.81339	2.43246E-05	9.3607E-05
610392.43	4206372.03	4069.21468	0.00007	2.81395	2.43294E-05	9.5808E-05
610399.43	4206372.03	4200.39532	0.00007	2.81477	2.43365E-05	9.8120E-05
610406.43	4206372.03	4338.01232	0.00008	2.81581	2.43455E-05	1.0055E-04
610413.43	4206372.03	4482.59474	0.00008	2.81704	2.43561E-05	1.0310E-04
610420.43	4206372.03	4634.54146	0.00008	2.81842	2.43680E-05	1.0578E-04
610427.43	4206372.03	4794.30302	0.00008	2.81993	2.43811E-05	1.0860E-04
610434.43	4206372.03	4962.45539	0.00009	2.82153	2.43949E-05	1.1156E-04
610441.43	4206372.03	5139.4926	0.00009	2.82318	2.44092E-05	1.1469E-04
610448.43	4206372.03	5326.14186	0.00009	2.82487	2.44238E-05	1.1798E-04
610455.43	4206372.03	5522.93676	0.00010	2.82656	2.44384E-05	1.2145E-04
610462.43	4206372.03	5730.74992	0.00010	2.82824	2.44529E-05	1.2512E-04
610469.43	4206372.03	5950.27354	0.00010	2.82988	2.44671E-05	1.2899E-04
610476.43	4206372.03	6182.37037	0.00011	2.83145	2.44807E-05	1.3308E-04
610487.43	4206372.03	6564.93814	0.00012	2.83531	2.45141E-05	1.4686E-04
610504.43	4206372.03	7258.51366	0.00013	2.83611	2.45210E-05	1.5202E-04
610511.43	4206372.03	7570.89559	0.00013	2.83654	2.45247E-05	1.5751E-04
610518.43	4206372.03	7903.83732	0.00014	2.83653	2.45246E-05	1.6336E-04
610525.43	4206372.03	8259.09421	0.00015	2.83598	2.45199E-05	1.6960E-04
610532.43	4206372.03	8639.08743	0.00015	2.83481	2.45098E-05	1.7626E-04
610539.43	4206372.03	9046.3183	0.00016	2.83288	2.44931E-05	1.8340E-04
610546.43	4206372.03	9483.57804	0.00017	2.83007	2.44688E-05	1.9105E-04
610553.43	4206372.03	9954.49273	0.00017	2.82625	2.44357E-05	1.9929E-04
610560.43	4206372.03	10469.21908	0.00018	2.82206	2.43995E-05	2.0838E-04
610567.43	4206372.03	11030.11383	0.00019	2.81730	2.43584E-05	2.1811E-04
610574.43	4206372.03	11641.17694	0.00020	2.81136	2.43070E-05	2.2879E-04
610581.43	4206372.03	12307.54998	0.00022	2.80387	2.42422E-05	2.4043E-04
610588.43	4206372.03	13041.72423	0.00023	2.79490	2.41647E-05	2.5325E-04
610595.43	4206372.03	13856.58914	0.00024	2.78394	2.40699E-05	2.6747E-04
610602.43	4206372.03	14768.76389	0.00026	2.77031	2.39521E-05	2.8338E-04
610609.43	4206372.03	15805.10914	0.00028	2.75346	2.38064E-05	3.0143E-04
610616.43	4206372.03	16989.33236	0.00030	2.73279	2.36277E-05	3.2206E-04
610623.43	4206372.03	18355.80264	0.00032	2.70758	2.34097E-05	3.4584E-04
610630.43	4206372.03	19925.59817	0.00035	2.67788	2.31529E-05	3.7316E-04
610637.43	4206372.03	21707.21212	0.00038	2.64352	2.28559E-05	4.0416E-04
610644.43	4206372.03	23766.36105	0.00042	2.60251	2.25013E-05	4.3997E-04
610651.43	4206372.03	26148.36046	0.00046	2.55387	2.20807E-05	4.8140E-04
610658.43	4206372.03	28910.14311	0.00051	2.49646	2.15844E-05	5.2941E-04
610665.43	4206372.03	32058.76586	0.00056	2.42978	2.10079E-05	5.8414E-04
610672.43	4206372.03	35568.88345	0.00062	2.35269	2.03413E-05	6.4513E-04
610679.43	4206372.03	39383.78553	0.00069	2.26267	1.95630E-05	7.1137E-04
610686.43	4206372.03	43428.75987	0.00076	2.15762	1.8654BE-05	7.8151E-04
610693.43	4206372.03	47604.45721	0.00084	2.03856	1.76254E-05	8.5383E-04
610700.43	4206372.03	51872.65498	0.00091	1.90886	1.65119E-05	9.2769E-04
610707.43	4206372.03	56279.99763	0.00099	1.77729	1.53664E-05	1.0040E-03
610714.43	4206372.03	60716.29057	0.00107	1.64618	1.42329E-05	1.0808E-03
610721.43	4206372.03	65061.16891	0.00114	1.52038	1.31452E-05	1.1568E-03
610728.43	4206372.03	69234.05289	0.00122	1.40232	1.21245E-05	1.2283E-03
610735.43	4206372.03	73238.43472	0.00129	1.29309	1.11800E-05	1.2977E-03
610742.43	4206372.03	76999.64267	0.00135	1.19305	1.03151E-05	1.3629E-03
610749.43	4206372.03	80444.43594	0.00141	1.10201	9.52797E-06	1.4226E-03
610756.43	4206372.03	83577.25718	0.00147	1.01944	8.81407E-06	1.4769E-03
610763.43	4206372.03	86291.4733	0.00152	0.94470	8.16787E-06	1.5239E-03
610770.43	4206372.03	88314.49065	0.00155	0.87710	7.58340E-06	1.5589E-03
610777.43	4206372.03	89831.60268	0.00158	0.81593	7.05453E-06	1.5850E-03
610784.43	4206372.03	90787.55669	0.00159	0.76054	6.57563E-06	1.6013E-03
610791.43	4206372.03	91158.84619	0.00160	0.71033	6.14151E-06	1.6074E-03
610798.43	4206372.03	90965.88978	0.00160	0.66471	5.74708E-06	1.6036E-03
610805.43	4206372.03	90253.96436	0.00159	0.62319	5.38810E-06	1.5908E-03
610812.43	4206372.03	89113.18246	0.00157	0.58535	5.06093E-06	1.5704E-03
610833.43	4206372.03	83998.6501	0.00148	0.49008	4.23723E-06	1.4797E-03
610840.43	4206372.03	81965.8825	0.00144	0.46338	4.00638E-06	1.4438E-03
610847.43	4206372.03	79859.45557	0.00140	0.43881	3.79395E-06	1.4066E-03
610854.43	4206372.03	77723.49543	0.00137	0.41615	3.59803E-06	1.3689E-03
610861.43	4206372.03	75576.9344	0.00133	0.39521	3.41698E-06	1.3316E-03
610868.43	4206372.03	73437.81709	0.00129	0.37581	3.24925E-06	1.2932E-03
610875.43	4206372.03	71321.7556	0.00125	0.35781	3.09362E-06	1.2559E-03
610882.43	4206372.03	69239.91145	0.00122	0.34108	2.94898E-06	1.2192E-03
610889.43	4206372.03	67200.42521	0.00118	0.32550	2.81427E-06	1.1832E-03
610896.43	4206372.03	65208.60768	0.00115	0.31096	2.68856E-06	1.1481E-03
610903.43	4206372.03	63268.13659	0.00111	0.29739	2.57123E-06	1.1139E-03
610910.43	4206372.03	61380.97483	0.00108	0.28470	2.46151E-06	1.0807E-03
610917.43	4206372.03	59548.03776	0.00105	0.27280	2.35863E-06	1.0484E-03
610924.43	4206372.03	57760.7511	0.00101	0.26164	2.26214E-06	1.0170E-03
610931.43	4206372.03	56045.78778	0.00098	0.25116	2.17153E-06	9.8666E-04
610938.43	4206372.03	54375.19463	0.00096	0.24131	2.08637E-06	9.5723E-04
610945.43	4206372.03	52757.15514	0.00093	0.23202	2.00604E-06	9.2872E-04
610952.43	4206372.03	51190.52172	0.00090	0.22327	1.93039E-06	9.0113E-04
610959.43	4206372.03	49673.6558	0.00087	0.21501	1.85898E-06	8.7441E-04
610966.43	4206372.03	48205.49666	0.00085	0.20720	1.79145E-06	8.4856E-04
610973.43	4206372.03	46784.17433	0.00082	0.19982	1.72764E-06	8.2353E-04
610980.43	4206372.03	45408.53233	0.00080	0.19283	1.66721E-06	7.9930E-04
610987.43	4206372.03	44076.99724	0.00077	0.18620	1.60988E-06	7.7585E-04
610994.43	4206372.03	42788.25976	0.00075	0.17991	1.55550E-06	7.5316E-04
611001.43	4206372.03	41540.76527	0.00073	0.17394	1.50388E-06	7.3120E-04
611022.43	4206372.03	38032.50937	0.00067	0.15772	1.36365E-06	6.6943E-04
611029.43	4206372.03	36936.94639	0.00065	0.15281	1.32119E-06	6.5015E-04
611036.43	4206372.03	35876.0946	0.00063	0.14814	1.28082E-06	6.3147E-04
611043.43	4206372.03	34849.19304	0.00061	0.14368	1.24226E-06	6.1339E-04
611050.43	4206372.03	33854.69949	0.00059	0.13942	1.20542E-06	5.9589E-04
611057.43	4206372.03	32891.83239	0.00058	0.13535	1.17024E-06	5.7894E-04
611064.43	4206372.03	31959.30311	0.00056	0.13145	1.13652E-06	5.6253E-04
611078.43	4206372.03	30181.74774	0.00053	0.12416	1.07349E-06	5.3124E-04
611085.43	4206372.03	29334.78028	0.00052	0.12074	1.04392E-06	5.1633E-04
611092.43	4206372.03	28514.37707	0.00050	0.11746	1.01556E-06	5.0189E-04
610294.43	4206379.03	2677.20668	0.00005	2.46088	2.12768E-05	6.8304E-05
610301.43	4206379.03	2743.2965	0.00005	2.46763	2.13351E-05	6.9523E-05
610308.43	4206379.03	2812.03764	0.00005	2.47437	2.13934E-05	7.0789E-05
610315.43	4206379.03	2883.76155	0.00005	2.48048	2.14462E-05	7.2102E-05
610322.43	4206379.03	2958.19608	0.00005	2.48698	2.15024E-05	7.3465E-05
610329.43	4206379.03	3035.94862	0.00005	2.49272	2.15520E-05	7.4881E-05
610336.43	4206379.03	3116.72961	0.00005	2.49873	2.16040E-05	7.6352E-05
610343.43	4206379.03	3203.51688	0.00006	2.49921	2.16082E-05	7.7880E-05
610350.43	4206379.03	3294.11663	0.00006	2.49926	2.16086E-05	7.9472E-05
610357.43	4206379.03	3388.66947	0.00006	2.49902	2.16065E-05	8.1131E-05
610364.43	4206379.03	3487.53662	0.00006	2.49865	2.16033E-05	8.2864E-05
610371.43	4206379.03	3590.81921	0.00006	2.49825	2.15999E-05	8.4675E-05
610378.43	4206379.03	3698.90027	0.00006	2.49794	2.15972E-05	8.6571E-05
610385.43	4206379.03	3811.98519	0.00007	2.49775	2.15955E-05	8.8556E-05
610392.43	4206379.03	3930.42943	0.00007	2.49772	2.15953E-05	9.0636E-05
610399.43	4206379.03	4054.45822	0.00007	2.49785	2.15964E-05	9.2816E-05
610406.43	4206379.03	4184.51872	0.00007	2.49814	2.15989E-05	9.5103E-05
610413.43	4206379.03	4320.9233	0.00008	2.49856	2.16025E-05	9.7503E-05
610420.43	4206379.03	4464.04033	0.00008	2.49909	2.16071E-05	1.0002E-04
610427.43	4206379.03	4614.3858	0.00008	2.49972	2.16126E-05	1.0267E-04
610434.43	4206379.03	4772.29606	0.00008	2.50041	2.16185E-05	1.0545E-04
610441.43	4206379.03	4938.38686	0.00009	2.50114	2.16248E-05	1.0837E-04
610448.43	4206379.03	5113.09255	0.00009	2.50188	2.16312E-05	1.1145E-04
610455.43	4206379.03	5297.08324	0.00009	2.50260	2.16375E-05	1.1468E-04
610462.43	4206379.03	5490.89319	0.00010	2.50329	2.16434E-05	1.1809E-04
610469.43	4206379.03	5695.30718	0.00010	2.50392	2.16489E-05	1.2169E-04
610476.43	4206379.03	5911.04714	0.00010	2.50446	2.16535E-05	1.2548E-04
610497.43	4206379.03	6635.03978	0.00012	2.50516	2.16596E-05	1.3821E-04
610504.43	4206379.03	6905.44032	0.00012	2.50493	2.16576E-05	1.4296E-04
610511.43	4206379.03	7192.40367	0.00013	2.50436	2.16527E-05	1.4799E-04
610518.43	4206379.03	7497.408	0.00013	2.50339	2.16443E-05	1.5334E-04
610525.43	4206379.03	7822.07687	0.00014	2.50194	2.16318E-05	1.5903E-04
610532.43	4206379.03	8168.23071	0.00014	2.49993	2.16144E-05	1.6510E-04
610539.43	4206379.03	8538.12686	0.00015	2.49725	2.15912E-05	1.7157E-04
610546.43	4206379.03	8934.0704	0.00016	2.49380	2.15614E-05	1.7849E-04
610553.43	4206379.03	9359.02112	0.00016	2.48946	2.15239E-05	1.8592E-04
610560.43	4206379.03	9821.7544	0.00017	2.48484	2.14839E-05	1.9401E-04
610567.43	4206379.03	10324.07502	0.00018	2.47975	2.14399E-05	2.0279E-04
610574.43	4206379.03	10869.48775	0.00019	2.47363	2.13870E-05	2.1232E-04
610581.43	4206379.03	11462.64647	0.00020	2.46612	2.13221E-05	2.2267E-04
610588.43	4206379.03	12114.20301	0.00021	2.45734	2.12461E-05	2.3404E-04
610595.43	4206379.03	12834.29777	0.00023	2.44684	2.11554E-05	2.4660E-04
610602.43	4206379.03	13640.11315	0.00024	2.43419	2.10460E-05	2.6064E-04
610609.43	4206379.03	14549.01339	0.00026	2.41890	2.09138E-05	2.7648E-04
610616.43	4206379.03	15579.16442	0.00027	2.40056	2.07552E-05	2.9441E-04
610623.43	4206379.03	16755.14683	0.00029	2.37871	2.05663E-05	3.1488E-04
610630.43	4206379.03	18090.29213	0.00032	2.35346	2.03480E-05	3.3812E-04
610637.43	4206379.03	19582.10747	0.00034	2.32478	2.01000E-05	3.6407E-04
610644.43	4206379.03	21279.43252	0.00037	2.29124	1.98100E-05	3.9360E-04
610651.43	4206379.03	23216.98612	0.00041	2.25213	1.94719E-05	4.2730E-04
610658.43	4206379.03	25428.04146	0.00045	2.20689	1.90808E-05	4.6574E-04
610665.43	4206379.03	27932.52541	0.00049	2.15510	1.86330E-05	5.0929E-04
610672.43	4206379.03	30727.87367	0.00054	2.09606	1.81225E-05	5.5788E-04
610679.43	4206379.03	33801.16525	0.00059	2.02834	1.75370E-05	6.1128E-04
610686.43	4206379.03	37085.03588	0.00065	1.95045	1.68636E-05	6.6829E-04
610693.43	4206379.03	40537.01098	0.00071	1.86217	1.61003E-05	7.2816E-04
610700.43	4206379.03	44100.81014	0.00077	1.76532	1.52629E-05	7.8993E-04
610707.43	4206379.03	47849.48122	0.00084	1.66303	1.43785E-05	8.5489E-04
610714.43	4206379.03	51676.26878	0.00091	1.55888	1.34781E-05	9.2121E-04
610721.43	4206379.03	55454.09204	0.00097	1.45603	1.25888E-05	9.8668E-04
610728.43	4206379.03	59173.31306	0.00104	1.35674	1.17304E-05	1.0512E-03
610749.43	4206379.03	69374.09733	0.00122	1.09253	9.44601E-06	1.2281E-03
610756.43	4206379.03	72330.73878	0.00127	1.01698	8.79280E-06	1.2793E-03
610763.43	4206379.03	74967.45939	0.00132	0.94757	8.19269E-06	1.3251E-03
610770.43	4206379.03	77211.58129	0.00136	0.88392	7.64237E-06	1.3639E-03

610777.43	4206379.03	78901.21119	0.00139	0.82565	7.13857E-06	1.3931E-03
610784.43	4206379.03	80164.45681	0.00141	0.77235	6.67773E-06	1.4148E-03
610791.43	4206379.03	80973.91292	0.00142	0.72357	6.25598E-06	1.4286E-03
610798.43	4206379.03	81325.27687	0.00143	0.67890	5.86977E-06	1.4344E-03
610805.43	4206379.03	81242.45287	0.00143	0.63797	5.51589E-06	1.4326E-03
610812.43	4206379.03	80751.47286	0.00142	0.60042	5.19123E-06	1.4237E-03
610833.43	4206379.03	77539.01233	0.00136	0.50496	4.36588E-06	1.3664E-03
610840.43	4206379.03	76073.32715	0.00134	0.47799	4.13270E-06	1.3404E-03
610847.43	4206379.03	74488.14959	0.00131	0.45307	3.91724E-06	1.3124E-03
610854.43	4206379.03	72829.64512	0.00128	0.43003	3.71804E-06	1.2830E-03
610861.43	4206379.03	71118.14699	0.00125	0.40868	3.53345E-06	1.2528E-03
610868.43	4206379.03	69374.0665	0.00122	0.38885	3.36200E-06	1.2220E-03
610875.43	4206379.03	67616.13299	0.00119	0.37041	3.20256E-06	1.1909E-03
610882.43	4206379.03	65858.82717	0.00116	0.35323	3.05402E-06	1.1599E-03
610889.43	4206379.03	64113.23472	0.00113	0.33721	2.91552E-06	1.1291E-03
610896.43	4206379.03	62387.98533	0.00110	0.32225	2.78617E-06	1.0987E-03
610903.43	4206379.03	60689.36714	0.00107	0.30826	2.66521E-06	1.0687E-03
610910.43	4206379.03	59021.83078	0.00104	0.29515	2.55187E-06	1.0393E-03
610917.43	4206379.03	57388.78245	0.00101	0.28286	2.44561E-06	1.0105E-03
610924.43	4206379.03	55792.75699	0.00098	0.27132	2.34583E-06	9.8239E-04
610931.43	4206379.03	54235.04166	0.00095	0.26047	2.25202E-06	9.5493E-04
610938.43	4206379.03	52716.46017	0.00093	0.25025	2.16366E-06	9.2817E-04
610945.43	4206379.03	51237.51247	0.00090	0.24063	2.08049E-06	9.0210E-04
610952.43	4206379.03	49798.23707	0.00087	0.23155	2.00198E-06	8.7674E-04
610959.43	4206379.03	48398.56147	0.00085	0.22297	1.92780E-06	8.5208E-04
610966.43	4206379.03	47037.84436	0.00083	0.21486	1.85768E-06	8.2811E-04
610973.43	4206379.03	45715.60507	0.00080	0.20719	1.79136E-06	8.0482E-04
610980.43	4206379.03	44431.25188	0.00078	0.19992	1.72851E-06	7.8220E-04
610987.43	4206379.03	43183.93026	0.00076	0.19303	1.66894E-06	7.6023E-04
610994.43	4206379.03	41972.77037	0.00074	0.18649	1.61239E-06	7.3888E-04
611015.43	4206379.03	38548.40211	0.00068	0.16874	1.45893E-06	6.7859E-04
611022.43	4206379.03	37473.55189	0.00066	0.16339	1.41267E-06	6.5966E-04
611029.43	4206379.03	36430.61165	0.00064	0.15829	1.36857E-06	6.4130E-04
611036.43	4206379.03	35418.74483	0.00062	0.15342	1.32647E-06	6.2348E-04
611043.43	4206379.03	34436.93634	0.00060	0.14878	1.28635E-06	6.0620E-04
611050.43	4206379.03	33484.41832	0.00059	0.14434	1.24796E-06	5.8943E-04
611057.43	4206379.03	32560.4366	0.00057	0.14010	1.21130E-06	5.7316E-04
611064.43	4206379.03	31663.99935	0.00056	0.13604	1.17620E-06	5.5738E-04
611078.43	4206379.03	29950.93739	0.00053	0.12845	1.11058E-06	5.2722E-04
611085.43	4206379.03	29132.73271	0.00051	0.12488	1.07971E-06	5.1282E-04
611092.43	4206379.03	28339.05794	0.00050	0.12147	1.05023E-06	4.9885E-04
610294.43	4206386.03	2603.5586	0.00005	2.21040	1.91111E-05	6.4845E-05
610301.43	4206386.03	2667.07022	0.00005	2.21525	1.91530E-05	6.6002E-05
610308.43	4206386.03	2732.85546	0.00005	2.22053	1.91987E-05	6.7203E-05
610315.43	4206386.03	2801.48267	0.00005	2.22544	1.92411E-05	6.8451E-05
610322.43	4206386.03	2872.63619	0.00005	2.23068	1.92864E-05	6.9746E-05
610329.43	4206386.03	2946.89281	0.00005	2.23542	1.93274E-05	7.1092E-05
610336.43	4206386.03	3023.98323	0.00005	2.24041	1.93706E-05	7.2488E-05
610343.43	4206386.03	3106.8142	0.00005	2.24137	1.93789E-05	7.3952E-05
610350.43	4206386.03	3193.13888	0.00006	2.24186	1.93831E-05	7.5473E-05
610357.43	4206386.03	3283.22843	0.00006	2.24196	1.93840E-05	7.7056E-05
610364.43	4206386.03	3377.24906	0.00006	2.24179	1.93825E-05	7.8706E-05
610371.43	4206386.03	3475.4808	0.00006	2.24147	1.93797E-05	8.0429E-05
610378.43	4206386.03	3578.11044	0.00006	2.24109	1.93765E-05	8.2229E-05
610385.43	4206386.03	3685.39991	0.00006	2.24072	1.93733E-05	8.4110E-05
610392.43	4206386.03	3797.59968	0.00007	2.24040	1.93705E-05	8.6078E-05
610399.43	4206386.03	3915.06409	0.00007	2.24015	1.93683E-05	8.8139E-05
610406.43	4206386.03	4038.00591	0.00007	2.23999	1.93669E-05	9.0297E-05
610413.43	4206386.03	4166.75786	0.00007	2.23991	1.93663E-05	9.2558E-05
610420.43	4206386.03	4301.80145	0.00008	2.23991	1.93663E-05	9.4931E-05
610427.43	4206386.03	4443.29577	0.00008	2.23996	1.93667E-05	9.7416E-05
610434.43	4206386.03	4591.82371	0.00008	2.24004	1.93674E-05	1.0003E-04
610441.43	4206386.03	4747.75368	0.00008	2.24014	1.93682E-05	1.0277E-04
610448.43	4206386.03	4911.54094	0.00009	2.24024	1.93691E-05	1.0564E-04
610455.43	4206386.03	5083.73305	0.00009	2.24031	1.93697E-05	1.0867E-04
610462.43	4206386.03	5264.82156	0.00009	2.24032	1.93698E-05	1.1185E-04
610469.43	4206386.03	5455.43819	0.00010	2.24026	1.93693E-05	1.1520E-04
610476.43	4206386.03	5656.23905	0.00010	2.24011	1.93680E-05	1.1872E-04
610487.43	4206386.03	6327.34205	0.00011	2.23871	1.93559E-05	1.3050E-04
610504.43	4206386.03	6576.9763	0.00012	2.23781	1.93481E-05	1.3488E-04
610511.43	4206386.03	6841.25058	0.00012	2.23659	1.93375E-05	1.3951E-04
610518.43	4206386.03	7121.40615	0.00013	2.23501	1.93239E-05	1.4442E-04
610525.43	4206386.03	7418.96758	0.00013	2.23300	1.93065E-05	1.4963E-04
610532.43	4206386.03	7735.33299	0.00014	2.23050	1.92849E-05	1.5516E-04
610539.43	4206386.03	8072.44848	0.00014	2.22741	1.92582E-05	1.6106E-04
610546.43	4206386.03	8432.35605	0.00015	2.22364	1.92256E-05	1.6735E-04
610553.43	4206386.03	8817.39131	0.00015	2.21910	1.91863E-05	1.7407E-04
610560.43	4206386.03	9234.49855	0.00016	2.21422	1.91441E-05	1.8135E-04
610567.43	4206386.03	9686.72253	0.00017	2.20903	1.90993E-05	1.8925E-04
610574.43	4206386.03	10175.54274	0.00018	2.20281	1.90456E-05	1.9779E-04
610581.43	4206386.03	10706.73293	0.00019	2.19555	1.89827E-05	2.0705E-04
610588.43	4206386.03	11288.05177	0.00020	2.18714	1.89100E-05	2.1719E-04
610595.43	4206386.03	11928.48306	0.00021	2.17720	1.88241E-05	2.2836E-04
610602.43	4206386.03	12642.08454	0.00022	2.16572	1.87248E-05	2.4079E-04
610609.43	4206386.03	13442.27246	0.00024	2.15215	1.86075E-05	2.5473E-04
610616.43	4206386.03	14343.63463	0.00025	2.13620	1.84696E-05	2.7043E-04
610623.43	4206386.03	15360.85229	0.00027	2.11751	1.83080E-05	2.8813E-04
610630.43	4206386.03	16506.04981	0.00029	2.09598	1.81218E-05	3.0806E-04
610637.43	4206386.03	17772.02353	0.00031	2.07176	1.79124E-05	3.3009E-04
610644.43	4206386.03	19198.25601	0.00034	2.04385	1.76711E-05	3.5490E-04
610651.43	4206386.03	20806.24259	0.00037	2.01185	1.73944E-05	3.8287E-04
610658.43	4206386.03	22621.44989	0.00040	1.97537	1.70798E-05	4.1444E-04
610665.43	4206386.03	24656.95339	0.00043	1.93415	1.67227E-05	4.4984E-04
610672.43	4206386.03	26933.85114	0.00047	1.88769	1.63210E-05	4.8943E-04
610679.43	4206386.03	29437.85418	0.00052	1.83516	1.58668E-05	5.3298E-04
610686.43	4206386.03	32145.85175	0.00056	1.77550	1.53510E-05	5.8002E-04
610693.43	4206386.03	35010.86364	0.00061	1.70824	1.47694E-05	6.2976E-04
610700.43	4206386.03	38017.34645	0.00067	1.63393	1.41270E-05	6.8193E-04
610707.43	4206386.03	41204.5958	0.00072	1.55421	1.34377E-05	7.3723E-04
610714.43	4206386.03	44481.68458	0.00078	1.47133	1.27211E-05	7.9407E-04
610721.43	4206386.03	47791.72648	0.00084	1.38752	1.19965E-05	8.5149E-04
610749.43	4206386.03	60274.88121	0.00106	1.07505	9.29488E-06	1.0681E-03
610756.43	4206386.03	63031.05041	0.00111	1.00690	8.70565E-06	1.1159E-03
610763.43	4206386.03	65543.26886	0.00115	0.94333	8.15603E-06	1.1595E-03
610770.43	4206386.03	67795.06385	0.00119	0.88426	7.64531E-06	1.1985E-03
610777.43	4206386.03	69550.36223	0.00122	0.82952	7.17203E-06	1.2289E-03
610784.43	4206386.03	70979.92214	0.00125	0.77892	6.73454E-06	1.2535E-03
610791.43	4206386.03	72056.09616	0.00127	0.73216	6.33025E-06	1.2720E-03
610798.43	4206386.03	72764.93083	0.00128	0.68900	5.95709E-06	1.2841E-03
610805.43	4206386.03	73110.91016	0.00128	0.64914	5.61244E-06	1.2899E-03
610812.43	4206386.03	73103.06844	0.00128	0.61233	5.29420E-06	1.2894E-03
610833.43	4206386.03	71398.28978	0.00125	0.51772	4.47620E-06	1.2586E-03
610840.43	4206386.03	70409.55186	0.00124	0.49073	4.24285E-06	1.2410E-03
610847.43	4206386.03	69276.57194	0.00122	0.46570	4.02644E-06	1.2209E-03
610854.43	4206386.03	68039.63323	0.00120	0.44248	3.82568E-06	1.1990E-03
610861.43	4206386.03	66718.94845	0.00117	0.42089	3.63901E-06	1.1756E-03
610868.43	4206386.03	65335.71571	0.00115	0.40079	3.46523E-06	1.1511E-03
610875.43	4206386.03	63909.59062	0.00112	0.38204	3.30312E-06	1.1259E-03
610882.43	4206386.03	62456.6924	0.00110	0.36455	3.15190E-06	1.1002E-03
610889.43	4206386.03	60990.02159	0.00107	0.34819	3.01045E-06	1.0743E-03
610896.43	4206386.03	59519.79202	0.00105	0.33289	2.87817E-06	1.0484E-03
610903.43	4206386.03	58054.54156	0.00102	0.31856	2.75427E-06	1.0225E-03
610910.43	4206386.03	56600.75696	0.00099	0.30511	2.63798E-06	9.9687E-04
610917.43	4206386.03	55163.50699	0.00097	0.29248	2.52878E-06	9.7152E-04
610924.43	4206386.03	53746.76042	0.00094	0.28061	2.42615E-06	9.4653E-04
610931.43	4206386.03	52353.59444	0.00092	0.26943	2.32949E-06	9.2196E-04
610938.43	4206386.03	50986.23091	0.00090	0.25891	2.23853E-06	8.9785E-04
610945.43	4206386.03	49646.32224	0.00087	0.24898	2.15268E-06	8.7423E-04
610952.43	4206386.03	48334.94081	0.00085	0.23960	2.07158E-06	8.5111E-04
610959.43	4206386.03	47053.08591	0.00083	0.23074	1.99498E-06	8.2852E-04
610966.43	4206386.03	45800.94803	0.00080	0.22235	1.92244E-06	8.0645E-04
610973.43	4206386.03	44579.17527	0.00078	0.21442	1.85387E-06	7.8492E-04
610980.43	4206386.03	43387.47172	0.00076	0.20689	1.78877E-06	7.6392E-04
610987.43	4206386.03	42225.80962	0.00074	0.19975	1.72704E-06	7.4346E-04
611015.43	4206386.03	37874.48884	0.00067	0.17458	1.50942E-06	6.6680E-04
611022.43	4206386.03	36858.29887	0.00065	0.16902	1.46135E-06	6.4890E-04
611029.43	4206386.03	35869.80572	0.00063	0.16373	1.41561E-06	6.3150E-04
611036.43	4206386.03	34908.41925	0.00061	0.15868	1.37195E-06	6.1456E-04
611043.43	4206386.03	33973.55153	0.00060	0.15386	1.33027E-06	5.9810E-04
611050.43	4206386.03	33064.78712	0.00058	0.14925	1.29041E-06	5.8213E-04
611057.43	4206386.03	32181.29352	0.00057	0.14485	1.25237E-06	5.6654E-04
611064.43	4206386.03	31322.58072	0.00055	0.14064	1.21597E-06	5.5142E-04
611078.43	4206386.03	29677.14838	0.00052	0.13274	1.14767E-06	5.2245E-04
611085.43	4206386.03	28889.14753	0.00051	0.12904	1.11568E-06	5.0857E-04
611092.43	4206386.03	28123.67006	0.00049	0.12549	1.08499E-06	4.9510E-04
610294.43	4206393.03	2532.50589	0.00004	2.00106	1.73012E-05	6.1784E-05
610301.43	4206393.03	2593.34405	0.00005	2.00496	1.73349E-05	6.2889E-05
610308.43	4206393.03	2656.3205	0.00005	2.00917	1.73713E-05	6.4031E-05
610315.43	4206393.03	2721.98728	0.00005	2.01319	1.74060E-05	6.5220E-05
610322.43	4206393.03	2790.02209	0.00005	2.01744	1.74428E-05	6.6452E-05
610329.43	4206393.03	2861.02403	0.00005	2.02138	1.74768E-05	6.7733E-05
610336.43	4206393.03	2934.66612	0.00005	2.02555	1.75129E-05	6.9062E-05
610343.43	4206393.03	3013.67224	0.00005	2.02685	1.75241E-05	7.0461E-05
610350.43	4206393.03	3096.03958	0.00005	2.02768	1.75313E-05	7.1916E-05
610357.43	4206393.03	3181.88606	0.00006	2.02809	1.75349E-05	7.3427E-05
610364.43	4206393.03	3271.42731	0.00006	2.02817	1.75355E-05	7.5001E-05
610371.43	4206393.03	3364.85494	0.00006	2.02802	1.75343E-05	7.6640E-05
610378.43	4206393.03	3462.39554	0.00006	2.02772	1.75317E-05	7.8351E-05
610385.43	4206393.03	3564.23191	0.00006	2.02733	1.75283E-05	8.0137E-05
610392.43	4206393.03	3670.69936	0.00006	2.02691	1.75247E-05	8.2003E-05
610399.43	4206393.03	3781.91571	0.00007	2.02650	1.75211E-05	8.3953E-05
610406.43	4206393.03	3898.24155	0.00007	2.02611	1.75177E-05	8.5993E-05
610413.43	4206393.03	4020.00742	0.00007	2.02574	1.75145E-05	8.8129E-05
610420.43	4206393.03	4147.38068	0.00007	2.02540	1.75116E-05	9.0361E-05
610427.43	4206393.03	4280.8194	0.00008	2.02508	1.75088E-05	9.2705E-05
610434.43	4206393.03	4420.62731	0.00008	2.02477	1.75062E-05	9.5158E-05
610441.43	4206393.03	4567.22355	0.00008	2.02446	1.75035E-05	9.7730E-05
610448.43	4206393.03	4720.95304	0.00008	2.02412	1.75005E-05	1.0043E-04
610455.43	4206393.03	4882.29871	0.00009	2.02374	1.74972E-05	1.0326E-04
610462.43	4206393.03	5051.74579	0.00009	2.02330	1.74934E-05	1.0623E-04
610469.43	4206393.03	5229.79871	0.00009	2.02278	1.74889E-05	1.0935E-04
610476.43	4206393.03	5416.99687	0.00010	2.02215	1.74835E-05	1.1264E-04
610487.43	4206393.03	6040.41032	0.00011	2.01935	1.74593E-05	1.2356E-04
610504.43	4206393.03	6271.34587	0.00011	2.01800	1.74476E-05	1.2761E-04
610511.43	4206393.03	6515.3333	0.00011	2.01636	1.74334E-05	1.3188E-04
610518.43	4206393.03	6775.4405	0.00012	2.01440	1.74165E-05	1.3640E-04
610525.43	4206393.03	7046.8358	0.00012	2.01206	1.73963E-05	1.4118E-04
610532.43	4206393.03	7336.80766	0.00013	2.00927	1.73721E-05	1.4625E-04
610539.43	4206393.03	7645.08234	0.00013	2.00597	1.73436E-05	1.5164E-04
610546.43	4206393.03	7973.30612	0.00014	2.00207	1.73099E-05	1.5737E-04
610553.43	4206393.03	8323.57761	0.00015	1.99750	1.72704E-05	1.6348E-04
610560.43	4206393.03	8701.95507	0.00015	1.99263	1.72283E-05	1.7008E-04
610567.43	4206393.03	9110.23658	0.00016	1.98737	1.71828E-05	1.7721E-04
610574.43	4206393.03	9550.61925	0.00017	1.98124	1.71298E-05	1.8489E-04
610581.43	4206393.03	10028.36036	0.00018	1.97426	1.70694E-05	1.9322E-04
610588.43	4206393.03	10550.00096	0.00019	1.96625	1.70002E-05	2.0232E-04
610595.43	4206393.03	11124.74858	0.00020	1.95713	1.69213E-05	2.1234E-04
610602.43	4206393.03	11761.00986	0.00021	1.94664	1.68306E-05	2.2342E-04
610609.43	4206393.03	12470.0705	0.00022	1.93457	1.67263E-05	2.3577E-04
610616.43	4206393.03	13263.19521	0.00023	1.92064	1.66058E-05	2.4958E-04
610623.43	4206393.03	14150.77354	0.00025	1.90465	1.64676E-05	2.6504E-04
610630.43	4206393.03	15140.80014	0.00027	1.88630	1.63089E-05	2.8227E-04
610637.43	4206393.03	16232.88105	0.00029	1.86562	1.61301E-05	3.0127E-04
610644.43	4206393.03	17445.82765	0.00031	1.84222	1.59278E-05	3.2238E-04
610651.43	4206393.03	18802.15157	0.00033	1.81567	1.56983E-05	3.4597E-04
610658.43	4206393.03	20313.54761	0.00036	1.78579	1.54399E-05	3.7226E-04

610665.43	4206393.03	22006.67864	0.00039	1.75231	1.51505E-05	4.0171E-04
610672.43	4206393.03	23811.76488	0.00042	1.71498	1.48277E-05	4.3433E-04
610679.43	4206393.03	25953.07226	0.00046	1.67922	1.44667E-05	4.7035E-04
610686.43	4206393.03	28194.91596	0.00050	1.62633	1.40612E-05	5.0933E-04
610693.43	4206393.03	30594.35169	0.00054	1.57380	1.36071E-05	5.5102E-04
610700.43	4206393.03	33136.55772	0.00058	1.51573	1.31050E-05	5.9517E-04
610707.43	4206393.03	35846.75656	0.00063	1.45287	1.25615E-05	6.4224E-04
610714.43	4206393.03	38678.55504	0.00068	1.38654	1.19880E-05	6.9141E-04
610721.43	4206393.03	41539.53963	0.00073	1.31828	1.13978E-05	7.4107E-04
610742.43	4206393.03	50034.44032	0.00088	1.11525	9.64245E-06	8.8853E-04
610749.43	4206393.03	52693.8398	0.00093	1.05150	9.09126E-06	9.3470E-04
610756.43	4206393.03	55240.26733	0.00097	0.99070	8.56559E-06	9.7890E-04
610763.43	4206393.03	57623.30896	0.00101	0.93315	8.06801E-06	1.0203E-03
610770.43	4206393.03	59768.46044	0.00105	0.87897	7.59957E-06	1.0575E-03
610777.43	4206393.03	61521.57446	0.00108	0.82817	7.16035E-06	1.0878E-03
610784.43	4206393.03	63023.74004	0.00111	0.78070	6.74993E-06	1.1138E-03
610791.43	4206393.03	64251.0272	0.00113	0.73641	6.36700E-06	1.1350E-03
610798.43	4206393.03	65185.49686	0.00115	0.69517	6.01044E-06	1.1510E-03
610805.43	4206393.03	65821.65465	0.00116	0.65678	5.67852E-06	1.1619E-03
610812.43	4206393.03	66156.07954	0.00116	0.62109	5.36994E-06	1.1674E-03
610833.43	4206393.03	65621.1684	0.00115	0.52827	4.56742E-06	1.1573E-03
610840.43	4206393.03	65026.79581	0.00114	0.50151	4.33605E-06	1.1466E-03
610847.43	4206393.03	64276.23439	0.00113	0.47659	4.12059E-06	1.1332E-03
610854.43	4206393.03	63403.4625	0.00111	0.45339	3.92001E-06	1.1176E-03
610861.43	4206393.03	62427.08573	0.00110	0.43174	3.73282E-06	1.1003E-03
610868.43	4206393.03	61367.11377	0.00108	0.41152	3.55800E-06	1.0815E-03
610875.43	4206393.03	60242.81776	0.00106	0.39261	3.39450E-06	1.0616E-03
610882.43	4206393.03	59070.27069	0.00104	0.37492	3.24156E-06	1.0409E-03
610889.43	4206393.03	57863.32341	0.00102	0.35834	3.09821E-06	1.0195E-03
610896.43	4206393.03	56631.40514	0.00099	0.34279	2.96376E-06	9.9777E-04
610903.43	4206393.03	55390.06035	0.00097	0.32820	2.83762E-06	9.7580E-04
610910.43	4206393.03	54141.19966	0.00095	0.31449	2.71908E-06	9.5375E-04
610917.43	4206393.03	52892.8726	0.00093	0.30159	2.60755E-06	9.3171E-04
610924.43	4206393.03	51650.56105	0.00091	0.28945	2.50258E-06	9.0978E-04
610931.43	4206393.03	50418.16078	0.00089	0.27801	2.40367E-06	8.8804E-04
610938.43	4206393.03	49199.41087	0.00086	0.26721	2.31030E-06	8.6653E-04
610945.43	4206393.03	47996.67599	0.00084	0.25702	2.22219E-06	8.4532E-04
610952.43	4206393.03	46812.23604	0.00082	0.24738	2.13885E-06	8.2443E-04
610959.43	4206393.03	45647.70446	0.00080	0.23827	2.06008E-06	8.0390E-04
610966.43	4206393.03	44504.31982	0.00078	0.22964	1.98547E-06	7.8374E-04
610973.43	4206393.03	43383.17884	0.00076	0.22146	1.91474E-06	7.6397E-04
610980.43	4206393.03	42284.66526	0.00074	0.21370	1.84765E-06	7.4461E-04
610987.43	4206393.03	41209.702	0.00072	0.20634	1.78401E-06	7.2566E-04
611008.43	4206393.03	38126.88561	0.00067	0.18636	1.61127E-06	6.7134E-04
611015.43	4206393.03	37146.94216	0.00065	0.18034	1.55922E-06	6.5407E-04
611022.43	4206393.03	36190.76234	0.00064	0.17459	1.50950E-06	6.3723E-04
611029.43	4206393.03	35258.00394	0.00062	0.16912	1.46221E-06	6.2079E-04
611036.43	4206393.03	34348.53917	0.00060	0.16389	1.41699E-06	6.0477E-04
611043.43	4206393.03	33462.11424	0.00059	0.15890	1.37385E-06	5.8916E-04
611050.43	4206393.03	32598.27253	0.00057	0.15413	1.33261E-06	5.7395E-04
611057.43	4206393.03	31756.72987	0.00056	0.14957	1.29318E-06	5.5912E-04
611064.43	4206393.03	30937.14476	0.00054	0.14521	1.25548E-06	5.4469E-04
611078.43	4206393.03	29362.01341	0.00052	0.13703	1.18476E-06	5.1695E-04
611085.43	4206393.03	28605.67914	0.00050	0.13320	1.15165E-06	5.0363E-04
611092.43	4206393.03	27869.5979	0.00049	0.12952	1.11983E-06	4.9067E-04
610294.43	4206400.03	2463.79097	0.00004	1.82385	1.57690E-05	5.9047E-05
610301.43	4206400.03	2522.10384	0.00004	1.82709	1.57970E-05	6.0100E-05
610308.43	4206400.03	2582.44814	0.00005	1.83053	1.58268E-05	6.1189E-05
610315.43	4206400.03	2645.32287	0.00005	1.83387	1.58556E-05	6.2323E-05
610322.43	4206400.03	2710.41485	0.00005	1.83738	1.58860E-05	6.3496E-05
610329.43	4206400.03	2778.10128	0.00005	1.84088	1.59162E-05	6.4716E-05
610336.43	4206400.03	2848.65698	0.00005	1.84420	1.59449E-05	6.5984E-05
610343.43	4206400.03	2924.14608	0.00005	1.84571	1.59580E-05	6.7323E-05
610350.43	4206400.03	3002.73879	0.00005	1.84678	1.59673E-05	6.8713E-05
610357.43	4206400.03	3084.58266	0.00005	1.84745	1.59730E-05	7.0156E-05
610364.43	4206400.03	3169.92699	0.00006	1.84778	1.59758E-05	7.1658E-05
610371.43	4206400.03	3258.85993	0.00006	1.84783	1.59763E-05	7.3221E-05
610378.43	4206400.03	3351.60792	0.00006	1.84768	1.59750E-05	7.4848E-05
610385.43	4206400.03	3448.42058	0.00006	1.84738	1.59724E-05	7.6544E-05
610392.43	4206400.03	3549.40314	0.00006	1.84698	1.59690E-05	7.8317E-05
610399.43	4206400.03	3654.90966	0.00006	1.84653	1.59651E-05	8.0166E-05
610406.43	4206400.03	3765.11797	0.00007	1.84604	1.59609E-05	8.2098E-05
610413.43	4206400.03	3880.23643	0.00007	1.84554	1.59565E-05	8.4116E-05
610420.43	4206400.03	4000.64464	0.00007	1.84502	1.59520E-05	8.6226E-05
610427.43	4206400.03	4126.58557	0.00007	1.84448	1.59474E-05	8.8434E-05
610434.43	4206400.03	4258.34866	0.00007	1.84393	1.59426E-05	9.0744E-05
610441.43	4206400.03	4396.30754	0.00008	1.84335	1.59376E-05	9.3162E-05
610448.43	4206400.03	4540.80378	0.00008	1.84273	1.59322E-05	9.5695E-05
610455.43	4206400.03	4692.2544	0.00008	1.84206	1.59264E-05	9.8349E-05
610462.43	4206400.03	4851.01522	0.00009	1.84131	1.59200E-05	1.0113E-04
610469.43	4206400.03	5017.5923	0.00009	1.84048	1.59128E-05	1.0405E-04
610476.43	4206400.03	5192.51614	0.00009	1.83954	1.59047E-05	1.0712E-04
610487.43	4206400.03	5772.64488	0.00010	1.83583	1.58726E-05	1.1727E-04
610504.43	4206400.03	5986.79266	0.00011	1.83420	1.58585E-05	1.2102E-04
610511.43	4206400.03	6212.5145	0.00011	1.83231	1.58421E-05	1.2497E-04
610518.43	4206400.03	6450.82741	0.00011	1.83012	1.58232E-05	1.2914E-04
610525.43	4206400.03	6702.70574	0.00012	1.82759	1.58013E-05	1.3354E-04
610532.43	4206400.03	6969.3164	0.00012	1.82466	1.57760E-05	1.3820E-04
610539.43	4206400.03	7252.0292	0.00013	1.82128	1.57468E-05	1.4313E-04
610546.43	4206400.03	7552.32943	0.00013	1.81738	1.57131E-05	1.4838E-04
610553.43	4206400.03	7872.13676	0.00014	1.81289	1.56742E-05	1.5395E-04
610560.43	4206400.03	8216.59241	0.00014	1.80812	1.56330E-05	1.5996E-04
610567.43	4206400.03	8586.93844	0.00015	1.80290	1.55879E-05	1.6642E-04
610574.43	4206400.03	8985.68351	0.00016	1.79697	1.55366E-05	1.7338E-04
610581.43	4206400.03	9418.09057	0.00017	1.79040	1.54798E-05	1.8092E-04
610588.43	4206400.03	9888.67922	0.00017	1.78281	1.54142E-05	1.8912E-04
610595.43	4206400.03	10405.79199	0.00018	1.77439	1.53414E-05	1.9813E-04
610602.43	4206400.03	10975.72478	0.00019	1.76481	1.52585E-05	2.0806E-04
610609.43	4206400.03	11607.61584	0.00020	1.75400	1.51651E-05	2.1906E-04
610616.43	4206400.03	12311.18149	0.00022	1.74184	1.50599E-05	2.3131E-04
610623.43	4206400.03	13091.4644	0.00023	1.72798	1.49401E-05	2.4490E-04
610630.43	4206400.03	13957.02353	0.00025	1.71231	1.48046E-05	2.5997E-04
610637.43	4206400.03	14904.56098	0.00026	1.69465	1.46519E-05	2.7646E-04
610644.43	4206400.03	15950.70959	0.00028	1.67480	1.44803E-05	2.9467E-04
610651.43	4206400.03	17107.09803	0.00030	1.65252	1.42877E-05	3.1479E-04
610658.43	4206400.03	18391.52752	0.00032	1.62765	1.40727E-05	3.3713E-04
610665.43	4206400.03	19811.51403	0.00035	1.60005	1.38340E-05	3.6184E-04
610672.43	4206400.03	21381.73418	0.00038	1.56949	1.35698E-05	3.8916E-04
610679.43	4206400.03	23107.42762	0.00041	1.53562	1.32770E-05	4.1918E-04
610686.43	4206400.03	24986.28198	0.00044	1.49795	1.29513E-05	4.5185E-04
610693.43	4206400.03	27007.63771	0.00047	1.45607	1.25892E-05	4.8700E-04
610700.43	4206400.03	29154.00575	0.00051	1.40989	1.21899E-05	5.2430E-04
610707.43	4206400.03	31472.33159	0.00055	1.35969	1.17559E-05	5.6459E-04
610714.43	4206400.03	33905.44659	0.00060	1.30622	1.12936E-05	6.0687E-04
610721.43	4206400.03	36386.86036	0.00064	1.25044	1.08113E-05	6.4997E-04
610735.43	4206400.03	41417.18998	0.00073	1.13596	9.82150E-06	7.3734E-04
610742.43	4206400.03	43905.17772	0.00077	1.07913	9.33015E-06	7.8056E-04
610749.43	4206400.03	46330.33686	0.00081	1.02356	8.84969E-06	8.2268E-04
610756.43	4206400.03	48646.02621	0.00085	0.96979	8.38480E-06	8.6289E-04
610763.43	4206400.03	50863.18322	0.00089	0.91817	7.93849E-06	9.0139E-04
610770.43	4206400.03	52896.42042	0.00093	0.86897	7.51311E-06	9.3668E-04
610777.43	4206400.03	54601.12586	0.00096	0.82229	7.10952E-06	9.6625E-04
610784.43	4206400.03	56117.20601	0.00099	0.77821	6.72840E-06	9.9247E-04
610791.43	4206400.03	57416.8293	0.00101	0.73669	6.36942E-06	1.0149E-03
610798.43	4206400.03	58484.28122	0.00103	0.69768	6.03214E-06	1.0334E-03
610805.43	4206400.03	59309.05125	0.00104	0.66109	5.71578E-06	1.0475E-03
610812.43	4206400.03	59880.10295	0.00105	0.62680	5.41931E-06	1.0573E-03
610833.43	4206400.03	60232.73863	0.00106	0.53658	4.63927E-06	1.0627E-03
610840.43	4206400.03	59957.14518	0.00105	0.51029	4.41196E-06	1.0576E-03
610847.43	4206400.03	59523.06534	0.00105	0.48570	4.19936E-06	1.0498E-03
610854.43	4206400.03	58959.17701	0.00104	0.46270	4.00050E-06	1.0397E-03
610861.43	4206400.03	58280.69634	0.00102	0.44116	3.81427E-06	1.0276E-03
610868.43	4206400.03	57505.25222	0.00101	0.42097	3.63970E-06	1.0138E-03
610875.43	4206400.03	56650.41466	0.00100	0.40204	3.47604E-06	9.9858E-04
610882.43	4206400.03	55731.99862	0.00098	0.38427	3.32240E-06	9.8230E-04
610889.43	4206400.03	54763.5381	0.00096	0.36758	3.17809E-06	9.6514E-04
610896.43	4206400.03	53756.41634	0.00094	0.35189	3.04244E-06	9.4731E-04
610903.43	4206400.03	52720.98781	0.00093	0.33712	2.91474E-06	9.2900E-04
610910.43	4206400.03	51665.51663	0.00091	0.32323	2.79464E-06	9.1034E-04
610917.43	4206400.03	50597.32761	0.00089	0.31013	2.68138E-06	8.9144E-04
610924.43	4206400.03	49522.22297	0.00087	0.29778	2.57460E-06	8.7247E-04
610931.43	4206400.03	48445.2642	0.00085	0.28612	2.47379E-06	8.5345E-04
610938.43	4206400.03	47370.6674	0.00083	0.27511	2.37860E-06	8.3448E-04
610945.43	4206400.03	46302.11681	0.00081	0.26469	2.28851E-06	8.1562E-04
610952.43	4206400.03	45242.07178	0.00079	0.25484	2.20335E-06	7.9691E-04
610959.43	4206400.03	44192.2913	0.00078	0.24551	2.12268E-06	7.7841E-04
610966.43	4206400.03	43157.46334	0.00076	0.23666	2.04616E-06	7.6014E-04
610973.43	4206400.03	42136.1683	0.00074	0.22828	1.97371E-06	7.4213E-04
610980.43	4206400.03	41130.93404	0.00072	0.22031	1.90480E-06	7.2440E-04
611008.43	4206400.03	37285.30099	0.00065	0.19219	1.66167E-06	6.5661E-04
611015.43	4206400.03	36370.62172	0.00064	0.18599	1.60807E-06	6.4048E-04
611022.43	4206400.03	35475.1813	0.00062	0.18007	1.55688E-06	6.2478E-04
611029.43	4206400.03	34599.25068	0.00061	0.17442	1.50803E-06	6.0927E-04
611036.43	4206400.03	33742.71983	0.00059	0.16903	1.46143E-06	5.9418E-04
611043.43	4206400.03	32905.69878	0.00058	0.16388	1.41691E-06	5.7943E-04
611050.43	4206400.03	32087.95138	0.00056	0.15896	1.37437E-06	5.6502E-04
611057.43	4206400.03	31289.47618	0.00055	0.15425	1.33364E-06	5.5096E-04
611064.43	4206400.03	30510.10606	0.00054	0.14974	1.29465E-06	5.3723E-04
611078.43	4206400.03	29007.61214	0.00051	0.14129	1.22159E-06	5.1076E-04
611085.43	4206400.03	28284.04603	0.00050	0.13733	1.18735E-06	4.9802E-04
611092.43	4206400.03	27578.58513	0.00048	0.13353	1.15450E-06	4.8559E-04
610294.43	4206407.03	2397.3967	0.00004	1.67189	1.44552E-05	5.6567E-05
610301.43	4206407.03	2453.31665	0.00004	1.67467	1.44792E-05	5.7573E-05
610308.43	4206407.03	2511.17056	0.00004	1.67756	1.45042E-05	5.8615E-05
610315.43	4206407.03	2571.18232	0.00005	1.68051	1.45297E-05	5.9694E-05
610322.43	4206407.03	2633.7422	0.00005	1.68335	1.45542E-05	6.0818E-05
610329.43	4206407.03	2698.47538	0.00005	1.68630	1.45797E-05	6.1988E-05
610336.43	4206407.03	2765.97692	0.00005	1.68916	1.46045E-05	6.3191E-05
610343.43	4206407.03	2838.10638	0.00005	1.69079	1.46186E-05	6.4472E-05
610350.43	4206407.03	2913.14669	0.00005	1.69204	1.46294E-05	6.5801E-05
610357.43	4206407.03	2991.2956	0.00005	1.69291	1.46369E-05	6.7181E-05
610364.43	4206407.03	3072.61997	0.00005	1.69345	1.46416E-05	6.8614E-05
610371.43	4206407.03	3157.39266	0.00006	1.69371	1.46438E-05	7.0106E-05
610378.43	4206407.03	3245.67226	0.00006	1.69373	1.46440E-05	7.1657E-05
610385.43	4206407.03	3337.69822	0.00006	1.69357	1.46426E-05	7.3272E-05
610392.43	4206407.03	3433.67655	0.00006	1.69327	1.46400E-05	7.4953E-05
610399.43	4206407.03	3533.80716	0.00006	1.69286	1.46365E-05	7.6710E-05
610406.43	4206407.03	3638.2877	0.00006	1.69237	1.46323E-05	7.8541E-05
610413.43	4206407.03	3747.33664	0.00007	1.69183	1.46276E-05	8.0452E-05
610420.43	4206407.03	3861.26042	0.00007	1.69123	1.46224E-05	8.2448E-05
610427.43	4206407.03	3980.20392	0.00007	1.69059	1.46168E-05	8.4532E-05
610434.43	4206407.03	4104.59188	0.00007	1.68991	1.46110E-05	8.6711E-05
610441.43	4206407.03	4234.61141	0.00007	1.68918	1.46046E-05	8.8989E-05
610448.43	4206407.03	4370.64833	0.00008	1.68839	1.45978E-05	9.1371E-05
610455.43	4206407.03	4512.95545	0.00008	1.68754	1.45905E-05	9.3864E-05
610462.43	4206407.03	4661.95803	0.00008	1.68661	1.45824E-05	9.6473E-05
610469.43	4206407.03	4818.09024	0.00008	1.68558	1.45735E-05	9.9207E-05
610476.43	4206407.03	4981.69439	0.00009	1.68444	1.45637E-05	1.0207E-04
610497.43	4206407.03	5522.67594	0.00010	1.68016	1.45267E-05	1.1154E-04
610504.43	4206407.03	5721.56905	0.00010	1.67836	1.45111E-05	1.1501E-04
610511.43	4206407.03	5930.92678	0.00010	1.67633	1.44935E-05	1.1867E-04
610518.43	4206407.03	6151.39971	0.00011	1.67403	1.44737E-05	1.2253E-04
610525.43	4206407.03	6384.05659	0.00011	1.67141	1.44510E-05	1.2659E-04
610532.43	4206407.03	6629.77286	0.00012	1.66844	1.44253E-05	1.3088E-04
610539.43	4206407.03	6889.7269	0.00012	1.66507	1.43962E-05	1.3542E-04
610546.43	4206407.03	7165.28656	0.00013	1.66125	1.43632E-05	1.4023E-04

610553.43	4206407.03	7458.13425	0.00013	1.65691	1.43256E-05	1.4533E-04
610560.43	4206407.03	7772.35625	0.00014	1.65223	1.42852E-05	1.5081E-04
610567.43	4206407.03	8110.18618	0.00014	1.64720	1.42417E-05	1.5679E-04
610574.43	4206407.03	8473.37383	0.00015	1.64158	1.41931E-05	1.6303E-04
610581.43	4206407.03	8865.34759	0.00016	1.63527	1.41385E-05	1.6986E-04
610588.43	4206407.03	9292.40167	0.00016	1.62825	1.40778E-05	1.7731E-04
610595.43	4206407.03	9759.67446	0.00017	1.62048	1.40107E-05	1.8545E-04
610602.43	4206407.03	10272.70701	0.00018	1.61170	1.39348E-05	1.9438E-04
610609.43	4206407.03	10839.72448	0.00019	1.60208	1.38516E-05	2.0426E-04
610616.43	4206407.03	11466.50186	0.00020	1.59130	1.37584E-05	2.1518E-04
610623.43	4206407.03	12157.23323	0.00021	1.57919	1.36537E-05	2.2720E-04
610630.43	4206407.03	12918.23107	0.00023	1.56564	1.35365E-05	2.4045E-04
610637.43	4206407.03	13749.28188	0.00024	1.55046	1.34053E-05	2.5492E-04
610644.43	4206407.03	14660.68133	0.00026	1.53352	1.32588E-05	2.7078E-04
610651.43	4206407.03	15660.73123	0.00028	1.51467	1.30958E-05	2.8815E-04
610658.43	4206407.03	16759.83787	0.00029	1.49377	1.29151E-05	3.0731E-04
610665.43	4206407.03	17969.84186	0.00032	1.47068	1.27155E-05	3.2837E-04
610672.43	4206407.03	19301.0099	0.00034	1.44528	1.24959E-05	3.5153E-04
610679.43	4206407.03	20760.4902	0.00036	1.41734	1.22543E-05	3.7693E-04
610686.43	4206407.03	22350.07542	0.00039	1.38653	1.19879E-05	4.0458E-04
610693.43	4206407.03	24065.32256	0.00042	1.35255	1.16941E-05	4.3442E-04
610700.43	4206407.03	25886.85569	0.00045	1.31523	1.13715E-05	4.6609E-04
610707.43	4206407.03	27866.07414	0.00049	1.27463	1.10204E-05	5.0051E-04
610714.43	4206407.03	29958.39724	0.00053	1.23112	1.06443E-05	5.3689E-04
610721.43	4206407.03	32109.60696	0.00056	1.18530	1.02481E-05	5.7428E-04
610735.43	4206407.03	36543.75386	0.00064	1.08943	9.41921E-06	6.5134E-04
610742.43	4206407.03	38746.10963	0.00068	1.04085	8.99918E-06	6.8960E-04
610749.43	4206407.03	40930.49083	0.00072	0.99267	8.58262E-06	7.2756E-04
610756.43	4206407.03	43040.2694	0.00076	0.94541	8.17401E-06	7.6421E-04
610763.43	4206407.03	45086.24306	0.00079	0.89946	7.77673E-06	7.9975E-04
610770.43	4206407.03	46991.82686	0.00083	0.85513	7.39345E-06	8.3284E-04
610777.43	4206407.03	48624.55447	0.00085	0.81260	7.02574E-06	8.6115E-04
610784.43	4206407.03	50109.37583	0.00088	0.77202	6.67488E-06	8.8688E-04
610791.43	4206407.03	51427.96463	0.00090	0.73344	6.34132E-06	9.0971E-04
610798.43	4206407.03	52563.01377	0.00092	0.69686	6.02505E-06	9.2933E-04
610805.43	4206407.03	53502.44965	0.00094	0.66229	5.72616E-06	9.4554E-04
610812.43	4206407.03	54232.04863	0.00095	0.62966	5.44404E-06	9.5807E-04
610833.43	4206407.03	55240.25315	0.00097	0.54271	4.69227E-06	9.7503E-04
610840.43	4206407.03	55217.11677	0.00097	0.51708	4.47067E-06	9.7446E-04
610847.43	4206407.03	55039.93387	0.00097	0.49299	4.26239E-06	9.7108E-04
610854.43	4206407.03	54733.76987	0.00096	0.47037	4.06682E-06	9.6551E-04
610861.43	4206407.03	54308.35185	0.00095	0.44910	3.88292E-06	9.5785E-04
610868.43	4206407.03	53779.00611	0.00094	0.42910	3.71000E-06	9.4838E-04
610875.43	4206407.03	53161.44003	0.00093	0.41027	3.54719E-06	9.3737E-04
610882.43	4206407.03	52469.76884	0.00092	0.39254	3.39390E-06	9.2506E-04
610889.43	4206407.03	51716.66089	0.00091	0.37584	3.24951E-06	9.1169E-04
610896.43	4206407.03	50913.31923	0.00089	0.36010	3.11342E-06	8.9744E-04
610903.43	4206407.03	50068.98927	0.00088	0.34526	2.98512E-06	8.8250E-04
610910.43	4206407.03	49195.026	0.00086	0.33126	2.86407E-06	8.6701E-04
610917.43	4206407.03	48296.05869	0.00085	0.31803	2.74969E-06	8.5111E-04
610924.43	4206407.03	47379.38008	0.00083	0.30554	2.64170E-06	8.3490E-04
610931.43	4206407.03	46450.82298	0.00082	0.29372	2.53950E-06	8.1848E-04
610938.43	4206407.03	45514.82524	0.00080	0.28254	2.44284E-06	8.0194E-04
610945.43	4206407.03	44575.54383	0.00078	0.27196	2.35136E-06	7.8535E-04
610952.43	4206407.03	43636.55809	0.00077	0.26193	2.26465E-06	7.6877E-04
610959.43	4206407.03	42700.55048	0.00075	0.25242	2.18242E-06	7.5225E-04
610966.43	4206407.03	41770.14005	0.00073	0.24339	2.10435E-06	7.3583E-04
610973.43	4206407.03	40847.46715	0.00072	0.23483	2.03034E-06	7.1955E-04
610980.43	4206407.03	39934.01916	0.00070	0.22668	1.95987E-06	7.0343E-04
611001.43	4206407.03	37263.27429	0.00065	0.20456	1.76862E-06	6.5633E-04
611008.43	4206407.03	36399.5613	0.00064	0.19787	1.71078E-06	6.4110E-04
611015.43	4206407.03	35550.39782	0.00062	0.19150	1.65571E-06	6.2612E-04
611022.43	4206407.03	34716.27938	0.00061	0.18542	1.60314E-06	6.1142E-04
611029.43	4206407.03	33897.6394	0.00060	0.17962	1.55299E-06	5.9699E-04
611036.43	4206407.03	33094.69339	0.00058	0.17408	1.50509E-06	5.8284E-04
611043.43	4206407.03	32307.80949	0.00057	0.16878	1.45927E-06	5.6897E-04
611050.43	4206407.03	31536.97955	0.00055	0.16371	1.41544E-06	5.5539E-04
611057.43	4206407.03	30782.50729	0.00054	0.15887	1.37359E-06	5.4209E-04
611064.43	4206407.03	30044.13199	0.00053	0.15422	1.33339E-06	5.2908E-04
611078.43	4206407.03	28616.13751	0.00050	0.14552	1.25817E-06	5.0392E-04
611085.43	4206407.03	27926.32136	0.00049	0.14143	1.22280E-06	4.9177E-04
611092.43	4206407.03	27252.32605	0.00048	0.13751	1.18891E-06	4.7990E-04
610294.43	4206414.03	2333.29478	0.00004	0.14013	1.33160E-05	5.4302E-05
610301.43	4206414.03	2386.79153	0.00004	0.14269	1.33581E-05	5.5264E-05
610308.43	4206414.03	2442.44059	0.00004	0.14509	1.33588E-05	5.6262E-05
610315.43	4206414.03	2499.99991	0.00004	0.14764	1.33809E-05	5.7295E-05
610322.43	4206414.03	2559.90941	0.00004	0.15010	1.34023E-05	5.8369E-05
610329.43	4206414.03	2621.92004	0.00005	0.15265	1.34242E-05	5.9488E-05
610336.43	4206414.03	2686.49835	0.00005	0.15515	1.34458E-05	6.0636E-05
610343.43	4206414.03	2755.48408	0.00005	0.15684	1.34604E-05	6.1865E-05
610350.43	4206414.03	2827.21724	0.00005	0.15820	1.34722E-05	6.3134E-05
610357.43	4206414.03	2901.83223	0.00005	0.15923	1.34811E-05	6.4454E-05
610364.43	4206414.03	2979.48377	0.00005	0.15995	1.34873E-05	6.5824E-05
610371.43	4206414.03	3060.27773	0.00005	0.16039	1.34911E-05	6.7247E-05
610378.43	4206414.03	3144.39225	0.00006	0.16059	1.34929E-05	6.8726E-05
610385.43	4206414.03	3232.00612	0.00006	0.16059	1.34929E-05	7.0265E-05
610392.43	4206414.03	3323.31714	0.00006	0.16041	1.34913E-05	7.1868E-05
610399.43	4206414.03	3418.42828	0.00006	0.16010	1.34886E-05	7.3536E-05
610406.43	4206414.03	3517.56465	0.00006	0.15968	1.34850E-05	7.5274E-05
610413.43	4206414.03	3621.0156	0.00006	0.15916	1.34805E-05	7.7086E-05
610420.43	4206414.03	3728.83078	0.00007	0.15856	1.34753E-05	7.8975E-05
610427.43	4206414.03	3841.45495	0.00007	0.15790	1.34696E-05	8.0948E-05
610434.43	4206414.03	3958.9504	0.00007	0.15716	1.34632E-05	8.3005E-05
610441.43	4206414.03	4081.66641	0.00007	0.15637	1.34564E-05	8.5154E-05
610448.43	4206414.03	4209.82442	0.00007	0.15549	1.34488E-05	8.7397E-05
610455.43	4206414.03	4343.79937	0.00008	0.15455	1.34406E-05	8.9743E-05
610462.43	4206414.03	4483.87978	0.00008	0.15351	1.34316E-05	9.2194E-05
610469.43	4206414.03	4630.36029	0.00008	0.15237	1.34218E-05	9.4757E-05
610476.43	4206414.03	4783.72072	0.00008	0.15113	1.34111E-05	9.7441E-05
610497.43	4206414.03	5289.02365	0.00009	0.14653	1.33713E-05	1.0628E-04
610504.43	4206414.03	5474.19374	0.00010	0.14465	1.33550E-05	1.0951E-04
610511.43	4206414.03	5668.6799	0.00010	0.14255	1.33369E-05	1.1291E-04
610518.43	4206414.03	5873.14671	0.00010	0.14021	1.33166E-05	1.1648E-04
610525.43	4206414.03	6088.4538	0.00011	0.13758	1.32939E-05	1.2024E-04
610532.43	4206414.03	6315.3301	0.00011	0.13463	1.32684E-05	1.2420E-04
610539.43	4206414.03	6555.03853	0.00012	0.13133	1.32399E-05	1.2838E-04
610546.43	4206414.03	6808.56386	0.00012	0.12763	1.32078E-05	1.3281E-04
610553.43	4206414.03	7077.54476	0.00012	0.12348	1.31720E-05	1.3749E-04
610560.43	4206414.03	7365.69848	0.00013	0.11900	1.31333E-05	1.4252E-04
610567.43	4206414.03	7674.42898	0.00013	0.11416	1.30914E-05	1.4790E-04
610574.43	4206414.03	8005.84141	0.00014	0.10882	1.30453E-05	1.5367E-04
610581.43	4206414.03	8363.68401	0.00015	0.10291	1.29942E-05	1.5991E-04
610588.43	4206414.03	8752.26165	0.00015	0.09639	1.29378E-05	1.6668E-04
610595.43	4206414.03	9176.20115	0.00016	0.14818	1.28754E-05	1.7406E-04
610602.43	4206414.03	9640.0856	0.00017	0.14122	1.28066E-05	1.8214E-04
610609.43	4206414.03	10150.38653	0.00018	0.13349	1.27308E-05	1.9103E-04
610616.43	4206414.03	10711.55795	0.00019	0.14628	1.26480E-05	2.0080E-04
610623.43	4206414.03	11327.62367	0.00020	0.14523	1.25560E-05	2.1153E-04
610630.43	4206414.03	12002.77849	0.00021	0.14404	1.24542E-05	2.2329E-04
610637.43	4206414.03	12737.4575	0.00022	0.14232	1.23406E-05	2.3608E-04
610644.43	4206414.03	13536.74931	0.00024	0.14272	1.22144E-05	2.5000E-04
610651.43	4206414.03	14410.19042	0.00025	0.13667	1.20756E-05	2.6520E-04
610658.43	4206414.03	15363.89668	0.00027	0.13780	1.19220E-05	2.8180E-04
610665.43	4206414.03	16403.72002	0.00029	0.13942	1.17535E-05	2.9990E-04
610672.43	4206414.03	17544.96186	0.00031	0.13804	1.15687E-05	3.1976E-04
610679.43	4206414.03	18791.97863	0.00033	0.13467	1.13666E-05	3.4146E-04
610686.43	4206414.03	20142.987	0.00035	0.12891	1.11458E-05	3.6497E-04
610693.43	4206414.03	21608.04795	0.00038	0.12608	1.09038E-05	3.9046E-04
610700.43	4206414.03	23169.0133	0.00041	0.12048	1.06387E-05	4.1762E-04
610707.43	4206414.03	24864.77269	0.00044	0.19721	1.03511E-05	4.4712E-04
610714.43	4206414.03	26667.46917	0.00047	0.16146	1.00420E-05	4.7848E-04
610721.43	4206414.03	28544.45177	0.00050	0.12356	9.71429E-06	5.1112E-04
610735.43	4206414.03	32424.50533	0.00057	0.04312	9.01881E-06	5.7858E-04
610742.43	4206414.03	34382.21033	0.00060	1.00164	8.66017E-06	6.1261E-04
610749.43	4206414.03	36342.24812	0.00064	0.95998	8.29998E-06	6.4668E-04
610756.43	4206414.03	38255.06891	0.00067	0.91864	7.94256E-06	6.7992E-04
610763.43	4206414.03	40131.309	0.00070	0.87796	7.59084E-06	7.1253E-04
610770.43	4206414.03	41901.40413	0.00074	0.83827	7.24768E-06	7.4328E-04
610777.43	4206414.03	43443.16825	0.00076	0.79979	6.91498E-06	7.7003E-04
610784.43	4206414.03	44873.05245	0.00079	0.76270	6.59430E-06	7.9482E-04
610791.43	4206414.03	46173.72428	0.00081	0.72712	6.28658E-06	8.1736E-04
610798.43	4206414.03	47330.8422	0.00083	0.69310	5.99254E-06	8.3739E-04
610805.43	4206414.03	48331.53786	0.00085	0.66069	5.71232E-06	8.5469E-04
610812.43	4206414.03	49160.44136	0.00086	0.62987	5.44585E-06	8.6899E-04
610833.43	4206414.03	50638.55226	0.00089	0.54671	4.72685E-06	8.9423E-04
610840.43	4206414.03	50811.98165	0.00089	0.52192	4.51252E-06	8.9706E-04
610847.43	4206414.03	50840.58849	0.00089	0.49850	4.31003E-06	8.9736E-04
610854.43	4206414.03	50744.47275	0.00089	0.47642	4.11912E-06	8.9548E-04
610861.43	4206414.03	50530.36801	0.00089	0.45556	3.93877E-06	8.9154E-04
610868.43	4206414.03	50210.52904	0.00088	0.43586	3.76844E-06	8.8575E-04
610875.43	4206414.03	49798.41879	0.00087	0.41726	3.60763E-06	8.7835E-04
610882.43	4206414.03	49306.00252	0.00087	0.39969	3.45572E-06	8.6953E-04
610889.43	4206414.03	48744.92459	0.00086	0.38309	3.31219E-06	8.5955E-04
610896.43	4206414.03	48125.39523	0.00085	0.36740	3.17654E-06	8.4853E-04
610903.43	4206414.03	47457.14659	0.00083	0.35256	3.04823E-06	8.3667E-04
610910.43	4206414.03	46748.3448	0.00082	0.33853	2.92693E-06	8.2410E-04
610917.43	4206414.03	46006.63295	0.00081	0.32525	2.81211E-06	8.1095E-04
610924.43	4206414.03	45238.53856	0.00079	0.31268	2.70343E-06	7.9735E-04
610931.43	4206414.03	44449.80919	0.00078	0.30077	2.60046E-06	7.8339E-04
610938.43	4206414.03	43645.56536	0.00077	0.28948	2.50284E-06	7.6917E-04
610945.43	4206414.03	42830.05094	0.00075	0.27877	2.41024E-06	7.5475E-04
610952.43	4206414.03	42007.22748	0.00074	0.26861	2.32240E-06	7.4021E-04
610959.43	4206414.03	41180.41002	0.00072	0.25896	2.23897E-06	7.2568E-04
610966.43	4206414.03	40352.41225	0.00071	0.24979	2.15968E-06	7.1098E-04
610973.43	4206414.03	39525.6652	0.00069	0.24107	2.08429E-06	6.9638E-04
610980.43	4206414.03	38702.28125	0.00068	0.23278	2.01261E-06	6.8185E-04
611001.43	4206414.03	36269.52798	0.00064	0.21021	1.81747E-06	6.3892E-04
611008.43	4206414.03	35475.4287	0.00062	0.20338	1.75842E-06	6.2491E-04
611015.43	4206414.03	34691.64288	0.00061	0.19686	1.70205E-06	6.1109E-04
611022.43	4206414.03	33918.74785	0.00060	0.19063	1.64819E-06	5.9746E-04
611029.43	4206414.03	33157.44842	0.00058	0.18469	1.59683E-06	5.8403E-04
611036.43	4206414.03	32408.5259	0.00057	0.17901	1.54772E-06	5.7083E-04
611043.43	4206414.03	31672.09208	0.00056	0.17358	1.50077E-06	5.5784E-04
611050.43	4206414.03	30948.74084	0.00054	0.16838	1.45581E-06	5.4509E-04
611057.43	4206414.03	30238.66593	0.00053	0.16340	1.41276E-06	5.3258E-04
611064.43	4206414.03	29542.04508	0.00052	0.15863	1.37151E-06	5.2030E-04
611078.43	4206414.03	28188.9812	0.00050	0.14968	1.29413E-06	4.9647E-04
611085.43	4206414.03	27534.5082	0.00048	0.14548	1.25782E-06	4.8492E-04
611092.43	4206414.03	26892.91815	0.00047	0.14145	1.22298E-06	4.7362E-04
610294.43	4206421.03	2271.46196	0.00004	0.14278	1.23186E-05	5.2219E-05
610301.43	4206421.03	2322.82724	0.00004	0.14709	1.23386E-05	5.3141E-05
610308.43	4206421.03	2376.26461	0.00004	0.14927	1.23575E-05	5.4098E-05
610315.43	4206421.03	2431.45334	0.00004	0.14353	1.23770E-05	5.5087E-05
610322.43	4206421.03	2488.91874	0.00004	0.14372	1.23959E-05	5.6116E-05
610329.43	4206421.03	2548.29465	0.00004	0.14596	1.24153E-05	5.7178E-05
610336.43	4206421.03	2610.17328	0.00005	0.14818	1.24345E-05	5.8284E-05
610343.43	4206421.03	2676.22943	0.00005	0.14990	1.24494E-05	5.9459E-05
610350.43	4206421.03	2744.84631	0.00005	0.14134	1.24618E-05	6.0677E-05
610357.43	4206421.03	2816.14262	0.00005	0.14249	1.24718E-05	6.1939E-05
610364.43	4206421.03	2890.33887	0.00005	0.14336	1.24793E-05	6.3250E-05
610371.43	4206421.03	2967.43886	0.00005	0.14396	1.24845E-05	6.4610E-05
610378.43	4206421.03	3047.66075	0.00005	0.14433	1.24877E-05	6.6022E-05
610385.43	4206421.03	3131.15913	0.00006	0.14448	1.24890E-05	6.7490E-05
610392.43	4206421.03	3218.01706	0.00006	0.14445	1.24887E-05	6.9016E-05
610399.43	4206421.03	3308.53304	0.00006	0.14425	1.24870E-05	7.0604E-05
610406.43	4206421.03	3402.76346	0.00006	0.14393	1.24842E-05	7.2256E-05

610413.43	4206421.03	3500.8772	0.00006	1.44348	1.24803E-05	7.3976E-05
610420.43	4206421.03	3603.2098	0.00006	1.44294	1.24757E-05	7.5769E-05
610427.43	4206421.03	3709.80015	0.00007	1.44230	1.24701E-05	7.7639E-05
610434.43	4206421.03	3820.99318	0.00007	1.44158	1.24639E-05	7.9582E-05
610441.43	4206421.03	3936.96279	0.00007	1.44077	1.24569E-05	8.1613E-05
610448.43	4206421.03	4057.90569	0.00007	1.43988	1.24492E-05	8.3729E-05
610455.43	4206421.03	4184.22303	0.00007	1.43889	1.24406E-05	8.594E-05
610462.43	4206421.03	4316.04401	0.00008	1.43782	1.24314E-05	8.8246E-05
610469.43	4206421.03	4453.76878	0.00008	1.43664	1.24212E-05	9.0655E-05
610476.43	4206421.03	4597.71207	0.00008	1.43534	1.24099E-05	9.3172E-05
610497.43	4206421.03	5070.38501	0.00009	1.43062	1.23691E-05	1.0143E-04
610504.43	4206421.03	5243.05461	0.00009	1.42872	1.23527E-05	1.0445E-04
610511.43	4206421.03	5424.05739	0.00010	1.42661	1.23345E-05	1.0761E-04
610518.43	4206421.03	5613.99694	0.00010	1.42428	1.23143E-05	1.1093E-04
610525.43	4206421.03	5813.64698	0.00010	1.42169	1.22919E-05	1.1441E-04
610532.43	4206421.03	6023.66498	0.00011	1.41882	1.22671E-05	1.1808E-04
610539.43	4206421.03	6245.11261	0.00011	1.41562	1.22394E-05	1.2194E-04
610546.43	4206421.03	6478.98952	0.00011	1.41208	1.22088E-05	1.2602E-04
610553.43	4206421.03	6726.73092	0.00012	1.40813	1.21747E-05	1.3033E-04
610560.43	4206421.03	6991.66405	0.00012	1.40388	1.21379E-05	1.3495E-04
610567.43	4206421.03	7274.77571	0.00013	1.39926	1.20980E-05	1.3988E-04
610574.43	4206421.03	7578.40317	0.00013	1.39423	1.20545E-05	1.4517E-04
610581.43	4206421.03	7905.59365	0.00014	1.38866	1.20063E-05	1.5087E-04
610588.43	4206421.03	8260.25116	0.00015	1.38260	1.19540E-05	1.5703E-04
610595.43	4206421.03	8646.36221	0.00015	1.37595	1.18965E-05	1.6378E-04
610602.43	4206421.03	9068.55614	0.00016	1.36875	1.18342E-05	1.7113E-04
610609.43	4206421.03	9530.02659	0.00017	1.36085	1.17659E-05	1.7917E-04
610616.43	4206421.03	10035.03571	0.00018	1.35217	1.16909E-05	1.8796E-04
610623.43	4206421.03	10587.65231	0.00019	1.34280	1.16098E-05	1.9759E-04
610630.43	4206421.03	11189.30631	0.00020	1.33240	1.15199E-05	2.0807E-04
610637.43	4206421.03	11841.76379	0.00021	1.32095	1.14209E-05	2.1943E-04
610644.43	4206421.03	12551.1071	0.00022	1.30838	1.13122E-05	2.3178E-04
610651.43	4206421.03	13318.67594	0.00023	1.29449	1.11922E-05	2.4514E-04
610658.43	4206421.03	14151.51815	0.00025	1.27929	1.10607E-05	2.596E-04
610665.43	4206421.03	15059.44371	0.00026	1.26267	1.09170E-05	2.7545E-04
610672.43	4206421.03	16044.78253	0.00028	1.24454	1.07603E-05	2.926E-04
610679.43	4206421.03	17116.41868	0.00030	1.22477	1.05894E-05	3.1125E-04
610686.43	4206421.03	18283.66912	0.00032	1.20325	1.04033E-05	3.3157E-04
610693.43	4206421.03	19539.1254	0.00034	1.17985	1.02010E-05	3.5342E-04
610700.43	4206421.03	20884.45626	0.00037	1.15440	9.98094E-06	3.7683E-04
610707.43	4206421.03	22351.06992	0.00039	1.12681	9.74239E-06	4.0236E-04
610714.43	4206421.03	23901.1016	0.00042	1.09715	9.48059E-06	4.2933E-04
610721.43	4206421.03	25531.5351	0.00045	1.06556	9.21283E-06	4.5769E-04
610735.43	4206421.03	28935.4875	0.00051	0.99781	8.62706E-06	5.1690E-04
610742.43	4206421.03	30672.59919	0.00054	0.96238	8.32073E-06	5.4711E-04
610749.43	4206421.03	32426.84528	0.00057	0.92643	8.00991E-06	5.7761E-04
610756.43	4206421.03	34154.3882	0.00060	0.89035	7.69796E-06	6.0764E-04
610763.43	4206421.03	35866.09389	0.00063	0.85448	7.38783E-06	6.3740E-04
610770.43	4206421.03	37499.37146	0.00066	0.81911	7.08202E-06	6.6579E-04
610777.43	4206421.03	38941.21216	0.00068	0.78449	6.78270E-06	6.9081E-04
610784.43	4206421.03	40299.23393	0.00071	0.75080	6.49141E-06	7.1438E-04
610791.43	4206421.03	41558.5693	0.00073	0.71820	6.20955E-06	7.3622E-04
610798.43	4206421.03	42706.02696	0.00075	0.68677	5.93781E-06	7.5610E-04
610805.43	4206421.03	43728.2833	0.00077	0.65659	5.67687E-06	7.7381E-04
610812.43	4206421.03	44613.4078	0.00078	0.62769	5.42700E-06	7.8909E-04
610833.43	4206421.03	46416.4981	0.00082	0.54871	4.74414E-06	8.2008E-04
610840.43	4206421.03	46738.05154	0.00082	0.52490	4.53828E-06	8.2553E-04
610847.43	4206421.03	46927.52153	0.00082	0.50228	4.34271E-06	8.2866E-04
610854.43	4206421.03	46999.96915	0.00083	0.48086	4.15751E-06	8.2975E-04
610861.43	4206421.03	46959.37166	0.00082	0.46054	3.98183E-06	8.2886E-04
610868.43	4206421.03	46815.32963	0.00082	0.44128	3.81530E-06	8.2616E-04
610875.43	4206421.03	46578.35737	0.00082	0.42301	3.65734E-06	8.2184E-04
610882.43	4206421.03	46258.64281	0.00081	0.40570	3.50768E-06	8.1607E-04
610889.43	4206421.03	45866.35306	0.00081	0.38930	3.36589E-06	8.0904E-04
610896.43	4206421.03	45410.4967	0.00080	0.37374	3.23135E-06	8.0090E-04
610903.43	4206421.03	44899.90166	0.00079	0.35900	3.10391E-06	7.9188E-04
610910.43	4206421.03	44342.25046	0.00078	0.34501	2.98295E-06	7.8189E-04
610917.43	4206421.03	43745.1065	0.00077	0.33175	2.86831E-06	7.7128E-04
610924.43	4206421.03	43114.45976	0.00076	0.31916	2.75946E-06	7.6018E-04
610931.43	4206421.03	42456.35097	0.00075	0.30721	2.65614E-06	7.4843E-04
610938.43	4206421.03	41775.89273	0.00073	0.29586	2.55800E-06	7.3638E-04
610945.43	4206421.03	41077.62313	0.00072	0.28508	2.46480E-06	7.2402E-04
610952.43	4206421.03	40365.44665	0.00071	0.27483	2.37618E-06	7.1142E-04
610959.43	4206421.03	39643.14004	0.00070	0.26508	2.29188E-06	6.9865E-04
610966.43	4206421.03	38913.65239	0.00068	0.25581	2.21173E-06	6.8576E-04
610973.43	4206421.03	38179.7598	0.00067	0.24698	2.13539E-06	6.7279E-04
610980.43	4206421.03	37443.80174	0.00066	0.23857	2.06268E-06	6.5979E-04
611001.43	4206421.03	35244.11051	0.00062	0.21563	1.86434E-06	6.2095E-04
611008.43	4206421.03	34518.72805	0.00061	0.20867	1.80416E-06	6.0815E-04
611015.43	4206421.03	33798.5107	0.00059	0.20202	1.74666E-06	5.9546E-04
611022.43	4206421.03	33087.44386	0.00058	0.19568	1.69185E-06	5.8290E-04
611029.43	4206421.03	32383.37495	0.00057	0.18961	1.63937E-06	5.7048E-04
611036.43	4206421.03	31688.1633	0.00056	0.18380	1.58913E-06	5.5821E-04
611043.43	4206421.03	31002.39737	0.00054	0.17825	1.54115E-06	5.4612E-04
611050.43	4206421.03	30326.61793	0.00053	0.17293	1.49515E-06	5.3420E-04
611057.43	4206421.03	29661.25417	0.00052	0.16783	1.45106E-06	5.2247E-04
611064.43	4206421.03	29006.77864	0.00051	0.16295	1.40886E-06	5.1093E-04
611078.43	4206421.03	27731.45673	0.00049	0.15378	1.32958E-06	4.8845E-04
611085.43	4206421.03	27111.0482	0.00048	0.14947	1.29232E-06	4.7752E-04
611092.43	4206421.03	26502.36346	0.00047	0.14533	1.25652E-06	4.6679E-04
610294.43	4206428.03	2211.87645	0.00004	1.33297	1.14384E-05	5.0292E-05
610301.43	4206428.03	2261.21041	0.00004	1.32511	1.14569E-05	5.1177E-05
610308.43	4206428.03	2312.52872	0.00004	1.32714	1.14744E-05	5.2096E-05
610315.43	4206428.03	2365.54625	0.00004	1.32919	1.14922E-05	5.3045E-05
610322.43	4206428.03	2420.4669	0.00004	1.33123	1.15098E-05	5.4027E-05
610329.43	4206428.03	2477.6323	0.00004	1.33321	1.15269E-05	5.5048E-05
610336.43	4206428.03	2536.91256	0.00004	1.33522	1.15443E-05	5.6107E-05
610343.43	4206428.03	2600.20303	0.00005	1.33695	1.15593E-05	5.7234E-05
610350.43	4206428.03	2665.88835	0.00005	1.33844	1.15721E-05	5.8402E-05
610357.43	4206428.03	2734.15087	0.00005	1.33968	1.15829E-05	5.9610E-05
610364.43	4206428.03	2805.03051	0.00005	1.34067	1.15914E-05	6.0864E-05
610371.43	4206428.03	2878.726	0.00005	1.34141	1.15978E-05	6.2165E-05
610378.43	4206428.03	2955.3108	0.00005	1.34193	1.16023E-05	6.3515E-05
610385.43	4206428.03	3034.90337	0.00005	1.34223	1.16049E-05	6.4915E-05
610392.43	4206428.03	3117.74938	0.00005	1.34234	1.16059E-05	6.6371E-05
610399.43	4206428.03	3203.88273	0.00006	1.34228	1.16053E-05	6.7884E-05
610406.43	4206428.03	3293.50543	0.00006	1.34207	1.16035E-05	6.9456E-05
610413.43	4206428.03	3386.80228	0.00006	1.34172	1.16005E-05	7.1092E-05
610420.43	4206428.03	3483.92327	0.00006	1.34126	1.15965E-05	7.2794E-05
610427.43	4206428.03	3585.00848	0.00006	1.34069	1.15916E-05	7.4565E-05
610434.43	4206428.03	3690.33829	0.00006	1.34001	1.15857E-05	7.6409E-05
610441.43	4206428.03	3800.06225	0.00007	1.33924	1.15791E-05	7.8330E-05
610448.43	4206428.03	3914.37083	0.00007	1.33837	1.15715E-05	8.0330E-05
610455.43	4206428.03	4033.5624	0.00007	1.33740	1.15632E-05	8.2416E-05
610462.43	4206428.03	4157.82602	0.00007	1.33633	1.15539E-05	8.4589E-05
610469.43	4206428.03	4287.46148	0.00008	1.33515	1.15437E-05	8.6856E-05
610476.43	4206428.03	4422.68637	0.00008	1.33386	1.15325E-05	8.9220E-05
610497.43	4206428.03	4865.58142	0.00009	1.32916	1.14919E-05	9.6959E-05
610504.43	4206428.03	5026.81163	0.00009	1.32728	1.14757E-05	9.9775E-05
610511.43	4206428.03	5195.54711	0.00009	1.32520	1.14577E-05	1.0272E-04
610518.43	4206428.03	5372.30124	0.00009	1.32292	1.14380E-05	1.0581E-04
610525.43	4206428.03	5557.71846	0.00010	1.32041	1.14163E-05	1.0904E-04
610532.43	4206428.03	5752.52581	0.00010	1.31763	1.13922E-05	1.1244E-04
610539.43	4206428.03	5957.45466	0.00010	1.31458	1.13659E-05	1.1601E-04
610546.43	4206428.03	6173.74534	0.00011	1.31120	1.13366E-05	1.1978E-04
610553.43	4206428.03	6402.49795	0.00011	1.30748	1.13045E-05	1.2377E-04
610560.43	4206428.03	6646.4077	0.00012	1.30344	1.12695E-05	1.2802E-04
610567.43	4206428.03	6907.13402	0.00012	1.29908	1.12318E-05	1.3256E-04
610574.43	4206428.03	7186.02004	0.00013	1.29433	1.11908E-05	1.3742E-04
610581.43	4206428.03	7486.3225	0.00013	1.28915	1.11460E-05	1.4265E-04
610588.43	4206428.03	7811.53188	0.00014	1.28355	1.10976E-05	1.4831E-04
610595.43	4206428.03	8164.26229	0.00014	1.27745	1.10448E-05	1.5446E-04
610602.43	4206428.03	8548.92683	0.00015	1.27084	1.09877E-05	1.6116E-04
610609.43	4206428.03	8967.6261	0.00016	1.26364	1.09254E-05	1.6849E-04
610616.43	4206428.03	9424.8182	0.00017	1.25591	1.08586E-05	1.7641E-04
610623.43	4206428.03	9922.14097	0.00017	1.24744	1.07854E-05	1.8508E-04
610630.43	4206428.03	10460.96716	0.00018	1.23820	1.07055E-05	1.9446E-04
610637.43	4206428.03	11044.99374	0.00019	1.22817	1.06188E-05	2.0463E-04
610644.43	4206428.03	11677.18002	0.00021	1.21727	1.05245E-05	2.1564E-04
610651.43	4206428.03	12358.21355	0.00022	1.20524	1.04205E-05	2.2750E-04
610658.43	4206428.03	13093.55996	0.00023	1.19210	1.03069E-05	2.4030E-04
610665.43	4206428.03	13888.67277	0.00024	1.17782	1.01834E-05	2.5415E-04
610672.43	4206428.03	14749.50933	0.00026	1.16227	1.00490E-05	2.6913E-04
610679.43	4206428.03	15682.15728	0.00028	1.14540	9.90312E-06	2.8537E-04
610686.43	4206428.03	16691.15126	0.00029	1.12711	9.74499E-06	3.0294E-04
610693.43	4206428.03	17778.92297	0.00031	1.10731	9.57380E-06	3.2187E-04
610700.43	4206428.03	18945.35513	0.00033	1.08590	9.38869E-06	3.4218E-04
610707.43	4206428.03	20213.15279	0.00036	1.06276	9.18862E-06	3.6425E-04
610714.43	4206428.03	21557.01114	0.00038	1.03789	8.97959E-06	3.8764E-04
610721.43	4206428.03	22976.19599	0.00040	1.01137	8.74430E-06	4.1234E-04
610735.43	4206428.03	25964.04691	0.00046	0.95403	8.24854E-06	4.6433E-04
610742.43	4206428.03	27504.00461	0.00048	0.92372	7.98648E-06	4.9111E-04
610749.43	4206428.03	29070.90158	0.00051	0.89269	7.71819E-06	5.1837E-04
610756.43	4206428.03	30639.76782	0.00054	0.86126	7.44645E-06	5.4566E-04
610763.43	4206428.03	32182.06837	0.00057	0.82972	7.17976E-06	5.7248E-04
610770.43	4206428.03	33681.10989	0.00059	0.79832	6.90227E-06	5.9854E-04
610777.43	4206428.03	35019.60051	0.00062	0.76731	6.63416E-06	6.2178E-04
610784.43	4206428.03	36296.37588	0.00064	0.73686	6.37089E-06	6.4394E-04
610791.43	4206428.03	37498.99044	0.00066	0.70714	6.11393E-06	6.6481E-04
610798.43	4206428.03	38615.33618	0.00068	0.67827	5.86432E-06	6.8417E-04
610805.43	4206428.03	39633.84402	0.00070	0.65032	5.62266E-06	7.0182E-04
610812.43	4206428.03	40540.58457	0.00071	0.62339	5.38983E-06	7.1751E-04
610833.43	4206428.03	42554.68462	0.00075	0.54885	4.74535E-06	7.5225E-04
610840.43	4206428.03	42985.0619	0.00076	0.52611	4.54874E-06	7.5961E-04
610847.43	4206428.03	43297.38266	0.00076	0.50441	4.36113E-06	7.6491E-04
610854.43	4206428.03	43502.38389	0.00076	0.48376	4.18259E-06	7.6833E-04
610861.43	4206428.03	43601.89573	0.00077	0.46409	4.01252E-06	7.6991E-04
610868.43	4206428.03	43602.89993	0.00077	0.44536	3.85058E-06	7.6977E-04
610875.43	4206428.03	43511.39159	0.00076	0.42753	3.69642E-06	7.6804E-04
610882.43	4206428.03	43341.21541	0.00076	0.41058	3.54987E-06	7.648E-04
610889.43	4206428.03	43095.07977	0.00076	0.39446	3.41050E-06	7.6041E-04
610896.43	4206428.03	42783.0291	0.00075	0.37912	3.27787E-06	7.5479E-04
610903.43	4206428.03	42412.6587	0.00075	0.36454	3.15181E-06	7.4816E-04
610910.43	4206428.03	41991.19033	0.00074	0.35068	3.03198E-06	7.4064E-04
610917.43	4206428.03	41525.10655	0.00073	0.33750	2.91802E-06	7.3234E-04
610924.43	4206428.03	41020.52115	0.00072	0.32496	2.80960E-06	7.2337E-04
610931.43	4206428.03	40483.23966	0.00071	0.31303	2.70646E-06	7.1382E-04
610938.43	4206428.03	39917.95074	0.00070	0.30168	2.60832E-06	7.0380E-04
610945.43	4206428.03	39329.46208	0.00069	0.29087	2.51486E-06	6.9337E-04
610952.43	4206428.03	38721.81039	0.00068	0.28058	2.42589E-06	6.8260E-04
610959.43	4206428.03	38098.58754	0.00067	0.27077	2.34108E-06	6.7157E-04
610966.43	4206428.03	37463.17051	0.00066	0.26143	2.26032E-06	6.6033E-04
610973.43	4206428.03	36818.32936	0.00065	0.25252	2.18329E-06	6.4892E-04
610980.43	4206428.03	36166.85156	0.00064	0.24403	2.10988E-06	6.3741E-04
611001.43	4206428.03	34193.29887	0.00060	0.22079	1.90895E-06	6.0254E-04
611008.43	4206428.03	33535.23353	0.00059	0.21373	1.84791E-06	5.9092E-04
611015.43	4206428.03	32879.44478	0.00058	0.20698	1.78955E-06	5.7934E-04
611022.43	4206428.03	32227.32772	0.00057	0.20052	1.73369E-06	5.6783E-04
611029.43	4206428.03	31579.9173	0.00055	0.19435	1.68035E-06	5.5640E-04
611036.43	4206428.03	30937.99607	0.00054	0.18844	1.62925E-06	5.4508E-04
611043.43	4206428.03	30302.53488	0.00053	0.18277	1.58023E-06	5.3387E-04
611050.43	4206428.03	29674.25339	0.00052	0.17735	1.53337E-06	5.2278E-04
611057.43	4206428.03	29053.62899	0.00051	0.17215	1.48841E-06	5.1184E-04
611062.74	4206428.14	28579.27703	0.00050	0.16841	1.45607E-06	5.0347E-04
611078.43	4206428.03	27243.35815	0.00048	0.15779	1.36425E-06	4.7991E-04
611085.43	4206428.03	26658.25357	0.00047	0.15338	1.32612E-06	4.6960E-04

611092.43	4206428.03	26082.88809	0.00046	0.14914	1.28946E-06	4.5945E-04
610294.43	4206435.03	2154.43287	0.00004	1.23243	1.06556E-05	4.8500E-05
610301.43	4206435.03	2201.90033	0.00004	1.23447	1.06732E-05	4.9351E-05
610308.43	4206435.03	2251.06559	0.00004	1.23640	1.06899E-05	5.0232E-05
610315.43	4206435.03	2302.1513	0.00004	1.23832	1.07065E-05	5.1145E-05
610322.43	4206435.03	2354.92376	0.00004	1.24020	1.07228E-05	5.2089E-05
610329.43	4206435.03	2409.78845	0.00004	1.24205	1.07388E-05	5.3068E-05
610336.43	4206435.03	2466.66132	0.00004	1.24390	1.07548E-05	5.4083E-05
610343.43	4206435.03	2527.32299	0.00004	1.24564	1.07698E-05	5.5164E-05
610350.43	4206435.03	2590.31315	0.00005	1.24717	1.07830E-05	5.6284E-05
610357.43	4206435.03	2655.65259	0.00005	1.24847	1.07943E-05	5.7443E-05
610364.43	4206435.03	2723.50959	0.00005	1.24956	1.08037E-05	5.8644E-05
610371.43	4206435.03	2793.94901	0.00005	1.25042	1.08111E-05	5.9889E-05
610378.43	4206435.03	2867.13448	0.00005	1.25106	1.08167E-05	6.1180E-05
610385.43	4206435.03	2943.18348	0.00005	1.25150	1.08205E-05	6.2520E-05
610392.43	4206435.03	3022.16825	0.00005	1.25174	1.08225E-05	6.3909E-05
610399.43	4206435.03	3104.26346	0.00005	1.25182	1.08232E-05	6.5352E-05
610406.43	4206435.03	3188.6429	0.00006	1.25173	1.08225E-05	6.6851E-05
610413.43	4206435.03	3278.39757	0.00006	1.25150	1.08205E-05	6.8408E-05
610420.43	4206435.03	3370.6398	0.00006	1.25114	1.08174E-05	7.0025E-05
610427.43	4206435.03	3466.7003	0.00006	1.25066	1.08132E-05	7.1708E-05
610434.43	4206435.03	3566.53925	0.00006	1.25006	1.08080E-05	7.3457E-05
610441.43	4206435.03	3670.47869	0.00006	1.24935	1.08019E-05	7.5277E-05
610448.43	4206435.03	3778.65572	0.00007	1.24854	1.07949E-05	7.7170E-05
610455.43	4206435.03	3891.27551	0.00007	1.24762	1.07869E-05	7.9140E-05
610462.43	4206435.03	4008.5762	0.00007	1.24659	1.07780E-05	8.1192E-05
610469.43	4206435.03	4130.65712	0.00007	1.24545	1.07682E-05	8.3326E-05
610476.43	4206435.03	4258.02194	0.00007	1.24419	1.07573E-05	8.5553E-05
610497.43	4206435.03	4673.44821	0.00008	1.23961	1.07177E-05	9.2810E-05
610504.43	4206435.03	4824.19766	0.00008	1.23778	1.07018E-05	9.5442E-05
610511.43	4206435.03	4981.69062	0.00009	1.23577	1.06845E-05	9.8192E-05
610518.43	4206435.03	5146.42669	0.00009	1.23357	1.06654E-05	1.0107E-04
610525.43	4206435.03	5318.94885	0.00009	1.23116	1.06446E-05	1.0408E-04
610532.43	4206435.03	5499.89368	0.00010	1.22851	1.06217E-05	1.0723E-04
610539.43	4206435.03	5690.04096	0.00010	1.22560	1.05965E-05	1.1055E-04
610546.43	4206435.03	5890.36654	0.00010	1.22241	1.05690E-05	1.1404E-04
610553.43	4206435.03	6102.02591	0.00011	1.21891	1.05387E-05	1.1773E-04
610560.43	4206435.03	6327.4893	0.00011	1.21511	1.05058E-05	1.2165E-04
610567.43	4206435.03	6567.66719	0.00012	1.21099	1.04702E-05	1.2584E-04
610574.43	4206435.03	6824.9301	0.00012	1.20656	1.04319E-05	1.3032E-04
610581.43	4206435.03	7101.53504	0.00012	1.20178	1.03906E-05	1.3513E-04
610588.43	4206435.03	7400.28095	0.00013	1.19658	1.03456E-05	1.4034E-04
610595.43	4206435.03	7723.57709	0.00014	1.19095	1.02969E-05	1.4597E-04
610602.43	4206435.03	8075.08497	0.00014	1.18492	1.02448E-05	1.5209E-04
610609.43	4206435.03	8456.96855	0.00015	1.17839	1.01884E-05	1.5874E-04
610616.43	4206435.03	8871.85753	0.00016	1.17134	1.01274E-05	1.6597E-04
610623.43	4206435.03	9321.4254	0.00016	1.16375	1.00618E-05	1.7380E-04
610630.43	4206435.03	9807.3779	0.00017	1.15550	9.99045E-06	1.8226E-04
610637.43	4206435.03	10333.04251	0.00018	1.14665	9.91393E-06	1.9142E-04
610644.43	4206435.03	10898.91073	0.00019	1.13705	9.83093E-06	2.0128E-04
610651.43	4206435.03	11507.1392	0.00020	1.12659	9.74049E-06	2.1187E-04
610658.43	4206435.03	12159.18014	0.00021	1.11514	9.64149E-06	2.2323E-04
610665.43	4206435.03	12862.63674	0.00023	1.10275	9.53437E-06	2.3548E-04
610672.43	4206435.03	13620.92717	0.00024	1.08934	9.41843E-06	2.4868E-04
610679.43	4206435.03	14439.12012	0.00025	1.07483	9.29297E-06	2.6293E-04
610686.43	4206435.03	15321.47233	0.00027	1.05912	9.15715E-06	2.7829E-04
610693.43	4206435.03	16266.97759	0.00029	1.04221	9.01094E-06	2.9479E-04
610700.43	4206435.03	17284.31014	0.00030	1.02400	8.85350E-06	3.1247E-04
610707.43	4206435.03	18385.77333	0.00032	1.00438	8.68386E-06	3.3164E-04
610714.43	4206435.03	19555.09277	0.00034	0.98334	8.50195E-06	3.5200E-04
610721.43	4206435.03	20793.91256	0.00037	0.96089	8.30785E-06	3.7357E-04
610735.43	4206435.03	23419.4362	0.00041	0.91211	7.88610E-06	4.1927E-04
610742.43	4206435.03	24794.22921	0.00044	0.88611	7.66130E-06	4.4319E-04
610749.43	4206435.03	26182.05737	0.00046	0.85931	7.42959E-06	4.6734E-04
610756.43	4206435.03	27592.17396	0.00048	0.83193	7.19286E-06	4.9187E-04
610763.43	4206435.03	28989.38125	0.00051	0.80424	6.95344E-06	5.1617E-04
610770.43	4206435.03	30359.38226	0.00053	0.77643	6.71301E-06	5.4000E-04
610777.43	4206435.03	31594.84156	0.00055	0.74874	6.47360E-06	5.6146E-04
610784.43	4206435.03	32786.43419	0.00058	0.72132	6.23653E-06	5.8215E-04
610791.43	4206435.03	33922.70693	0.00060	0.69435	6.00335E-06	6.0188E-04
610798.43	4206435.03	34993.49112	0.00061	0.66795	5.77509E-06	6.2046E-04
610805.43	4206435.03	35988.43093	0.00063	0.64222	5.55263E-06	6.3772E-04
610812.43	4206435.03	36894.35435	0.00065	0.61725	5.33674E-06	6.5341E-04
610833.43	4206435.03	39031.49617	0.00069	0.54728	4.73178E-06	6.9035E-04
610840.43	4206435.03	39538.10245	0.00069	0.52570	4.54520E-06	6.9906E-04
610847.43	4206435.03	39942.01	0.00070	0.50500	4.36623E-06	7.0598E-04
610854.43	4206435.03	40249.10423	0.00071	0.48520	4.19504E-06	7.1128E-04
610861.43	4206435.03	40459.52589	0.00071	0.46626	4.03128E-06	7.1473E-04
610868.43	4206435.03	40577.80021	0.00071	0.44815	3.87470E-06	7.1665E-04
610875.43	4206435.03	40610.10335	0.00071	0.43085	3.72513E-06	7.1707E-04
610882.43	4206435.03	40562.49835	0.00071	0.41433	3.58230E-06	7.1609E-04
610889.43	4206435.03	40441.6535	0.00071	0.39857	3.44603E-06	7.1383E-04
610896.43	4206435.03	40254.55494	0.00071	0.38354	3.31608E-06	7.1042E-04
610903.43	4206435.03	40007.52961	0.00070	0.36920	3.19210E-06	7.0595E-04
610910.43	4206435.03	39706.87192	0.00070	0.35552	3.07382E-06	7.0055E-04
610917.43	4206435.03	39358.57338	0.00069	0.34248	2.96108E-06	6.9432E-04
610924.43	4206435.03	38968.46895	0.00068	0.33005	2.85361E-06	6.8736E-04
610931.43	4206435.03	38541.46028	0.00068	0.31820	2.75116E-06	6.7976E-04
610938.43	4206435.03	38082.5245	0.00067	0.30689	2.65337E-06	6.7160E-04
610945.43	4206435.03	37596.0294	0.00066	0.29610	2.56008E-06	6.6296E-04
610952.43	4206435.03	37086.01787	0.00065	0.28581	2.47111E-06	6.5391E-04
610959.43	4206435.03	36556.08413	0.00064	0.27600	2.38629E-06	6.4452E-04
610966.43	4206435.03	36009.60172	0.00063	0.26662	2.30520E-06	6.3484E-04
610973.43	4206435.03	35449.49271	0.00062	0.25767	2.22781E-06	6.2492E-04
610980.43	4206435.03	34878.61643	0.00061	0.24912	2.15388E-06	6.1482E-04
611001.43	4206435.03	33123.32078	0.00058	0.22568	1.95123E-06	5.8379E-04
611008.43	4206435.03	32530.65488	0.00057	0.21854	1.88950E-06	5.7331E-04
611015.43	4206435.03	31936.92569	0.00056	0.21170	1.83036E-06	5.6283E-04
611022.43	4206435.03	31343.41012	0.00055	0.20516	1.77381E-06	5.5234E-04
611029.43	4206435.03	30751.52247	0.00054	0.19889	1.71960E-06	5.4189E-04
611036.43	4206435.03	30162.20108	0.00053	0.19289	1.66773E-06	5.3149E-04
611043.43	4206435.03	29576.57177	0.00052	0.18714	1.61801E-06	5.2115E-04
611050.43	4206435.03	28995.18473	0.00051	0.18162	1.57029E-06	5.1089E-04
611057.43	4206435.03	28419.26101	0.00050	0.17633	1.52455E-06	5.0073E-04
611062.74	4206435.14	27976.36826	0.00049	0.17252	1.49161E-06	4.9292E-04
611078.43	4206435.03	26728.21131	0.00047	0.16169	1.39797E-06	4.7090E-04
611085.43	4206435.03	26178.61488	0.00046	0.15719	1.35906E-06	4.6121E-04
611092.43	4206435.03	25636.73975	0.00045	0.15286	1.32163E-06	4.5165E-04
610294.43	4206442.03	2098.97479	0.00004	1.15142	9.95517E-06	4.6825E-05
610301.43	4206442.03	2144.84039	0.00004	1.15338	9.97212E-06	4.7648E-05
610308.43	4206442.03	2192.14921	0.00004	1.15524	9.98820E-06	4.8495E-05
610315.43	4206442.03	2241.25345	0.00004	1.15708	1.00041E-05	4.9373E-05
610322.43	4206442.03	2291.9835	0.00004	1.15886	1.00195E-05	5.0280E-05
610329.43	4206442.03	2344.68723	0.00004	1.16061	1.00346E-05	5.1221E-05
610336.43	4206442.03	2399.33554	0.00004	1.16235	1.00497E-05	5.2196E-05
610343.43	4206442.03	2457.56894	0.00004	1.16409	1.00647E-05	5.3234E-05
610350.43	4206442.03	2517.94153	0.00004	1.16565	1.00782E-05	5.4308E-05
610357.43	4206442.03	2580.58435	0.00005	1.16701	1.00900E-05	5.5420E-05
610364.43	4206442.03	2645.58213	0.00005	1.16817	1.01000E-05	5.6572E-05
610371.43	4206442.03	2713.01686	0.00005	1.16913	1.01083E-05	5.7764E-05
610378.43	4206442.03	2783.02712	0.00005	1.16988	1.01148E-05	5.9001E-05
610385.43	4206442.03	2855.69542	0.00005	1.17044	1.01196E-05	6.0281E-05
610392.43	4206442.03	2931.1042	0.00005	1.17082	1.01229E-05	6.1610E-05
610399.43	4206442.03	3009.484	0.00005	1.17102	1.01246E-05	6.2988E-05
610406.43	4206442.03	3090.82859	0.00005	1.17106	1.01250E-05	6.4418E-05
610413.43	4206442.03	3175.31786	0.00006	1.17095	1.01240E-05	6.5901E-05
610420.43	4206442.03	3263.18728	0.00006	1.17070	1.01219E-05	6.7442E-05
610427.43	4206442.03	3354.385	0.00006	1.17032	1.01186E-05	6.9041E-05
610434.43	4206442.03	3449.23365	0.00006	1.16982	1.01143E-05	7.0703E-05
610441.43	4206442.03	3547.79099	0.00006	1.16920	1.01089E-05	7.2428E-05
610448.43	4206442.03	3650.26007	0.00006	1.16846	1.01025E-05	7.4222E-05
610455.43	4206442.03	3756.79384	0.00007	1.16762	1.00952E-05	7.6086E-05
610462.43	4206442.03	3867.57199	0.00007	1.16665	1.00869E-05	7.8024E-05
610469.43	4206442.03	3982.83733	0.00007	1.16558	1.00776E-05	8.0039E-05
610476.43	4206442.03	4102.74538	0.00007	1.16438	1.00672E-05	8.2135E-05
610497.43	4206442.03	4492.89882	0.00008	1.16000	1.00294E-05	8.8950E-05
610504.43	4206442.03	4633.96571	0.00008	1.15824	1.00141E-05	9.1413E-05
610511.43	4206442.03	4781.20119	0.00008	1.15632	9.99754E-06	9.3983E-05
610518.43	4206442.03	4934.90886	0.00009	1.15422	9.97938E-06	9.6665E-05
610525.43	4206442.03	5095.62727	0.00009	1.15192	9.95948E-06	9.9468E-05
610532.43	4206442.03	5264.02559	0.00009	1.14941	9.93779E-06	1.0240E-04
610539.43	4206442.03	5440.74745	0.00010	1.14666	9.91402E-06	1.0548E-04
610546.43	4206442.03	5626.68226	0.00010	1.14366	9.88808E-06	1.0872E-04
610553.43	4206442.03	5823.01219	0.00010	1.14038	9.85972E-06	1.1215E-04
610560.43	4206442.03	6031.58592	0.00011	1.13683	9.82903E-06	1.1578E-04
610567.43	4206442.03	6253.86958	0.00011	1.13297	9.79565E-06	1.1961E-04
610574.43	4206442.03	6491.5133	0.00011	1.12883	9.75986E-06	1.2379E-04
610581.43	4206442.03	6746.62699	0.00012	1.12438	9.72138E-06	1.2823E-04
610588.43	4206442.03	7021.72524	0.00012	1.11960	9.68006E-06	1.3302E-04
610595.43	4206442.03	7319.23205	0.00013	1.11443	9.63536E-06	1.3820E-04
610602.43	4206442.03	7641.36381	0.00013	1.10889	9.58746E-06	1.4381E-04
610609.43	4206442.03	7990.35158	0.00014	1.10294	9.53601E-06	1.4988E-04
610616.43	4206442.03	8368.12589	0.00015	1.09655	9.48077E-06	1.5647E-04
610623.43	4206442.03	8776.80687	0.00015	1.08968	9.42137E-06	1.6359E-04
610630.43	4206442.03	9217.06827	0.00016	1.08228	9.35739E-06	1.7126E-04
610637.43	4206442.03	9691.7447	0.00017	1.07442	9.28943E-06	1.7953E-04
610644.43	4206442.03	10201.72905	0.00018	1.06592	9.21594E-06	1.8842E-04
610651.43	4206442.03	10746.68743	0.00019	1.05669	9.13614E-06	1.9791E-04
610658.43	4206442.03	11331.63625	0.00020	1.04674	9.05011E-06	2.0810E-04
610665.43	4206442.03	11958.60686	0.00021	1.03595	8.95682E-06	2.1902E-04
610672.43	4206442.03	12629.42843	0.00022	1.02426	8.85575E-06	2.3070E-04
610679.43	4206442.03	13352.4144	0.00023	1.01167	8.74689E-06	2.4329E-04
610686.43	4206442.03	14126.43647	0.00025	0.99808	8.62939E-06	2.5677E-04
610693.43	4206442.03	14956.81417	0.00026	0.98350	8.50334E-06	2.7120E-04
610700.43	4206442.03	15849.43357	0.00028	0.96785	8.36803E-06	2.8677E-04
610707.43	4206442.03	16811.13995	0.00030	0.95107	8.22295E-06	3.0352E-04
610714.43	4206442.03	17832.86307	0.00031	0.93311	8.06766E-06	3.2131E-04
610721.43	4206442.03	18917.50181	0.00033	0.91395	7.90201E-06	3.4020E-04
610735.43	4206442.03	21228.44056	0.00037	0.87222	7.54121E-06	3.8043E-04
610742.43	4206442.03	22447.32047	0.00039	0.84984	7.34771E-06	4.0165E-04
610749.43	4206442.03	23684.77485	0.00042	0.82664	7.14713E-06	4.2319E-04
610756.43	4206442.03	24950.38522	0.00044	0.80279	6.94092E-06	4.4521E-04
610763.43	4206442.03	26213.4202	0.00046	0.77848	6.73073E-06	4.6719E-04
610770.43	4206442.03	27461.4828	0.00048	0.75390	6.51822E-06	4.8890E-04
610777.43	4206442.03	28696.71063	0.00050	0.72922	6.30483E-06	5.0863E-04
610784.43	4206442.03	29701.77852	0.00052	0.70462	6.09214E-06	5.2783E-04
610791.43	4206442.03	30767.1175	0.00054	0.68022	5.88118E-06	5.4633E-04
610798.43	4206442.03	31783.57943	0.00056	0.65618	5.67339E-06	5.6398E-04
610805.43	4206442.03	32741.97008	0.00058	0.63259	5.46937E-06	5.8061E-04
610812.43	4206442.03	33630.48656	0.00059	0.60953	5.26999E-06	5.9601E-04
610833.43	4206442.03	35823.28084	0.00063	0.54418	4.70498E-06	6.3397E-04
610840.43	4206442.03	36381.34364	0.00064	0.52380	4.52877E-06	6.4359E-04
610847.43	4206442.03	36850.09322	0.00065	0.50415	4.35888E-06	6.5166E-04
610854.43	4206442.03	37233.2334	0.00065	0.48527	4.19564E-06	6.5822E-04
610861.43	4206442.03	37529.39719	0.00066	0.46713	4.03880E-06	6.6327E-04
610868.43	4206442.03	37741.11922	0.00066	0.44971	3.88819E-06	6.6684E-04
610875.43	4206442.03	37872.45486	0.00067	0.43301	3.74380E-06	6.6900E-04
610882.43	4206442.03	37928.18104	0.00067	0.41700	3.60538E-06	6.6984E-04
610889.43	4206442.03	37913.32934	0.00067	0.40167	3.47284E-06	6.6945E-04
610896.43	4206442.03	37831.07874	0.00066	0.38699	3.34591E-06	6.6791E-04
610903.43	4206442.03	37693.20644	0.00066	0.37296	3.22461E-06	6.6533E-04
610910.43	4206442.03	37498.94253	0.00066	0.35953	3.10849E-06	6.6180E-04
610917.43	4206442.03	37255.54746	0.00065	0.34670	2.99757E-06	6.5742E-04
610924.43	4206442.03	36967.93707	0.00065	0.33443	2.89148E-06	6.5226E-04
610931.43	4206442.03	36641.02896	0.00064	0.32270	2.79006E-06	6.4642E-04
610938.43	4206442.03	36279.13075	0.00064	0.31149	2.69314E-06	6.3996E-04

610945.43	4206442.03	35886.50971	0.00063	0.30077	2.60046E-06	6.3297E-04
610952.43	4206442.03	35466.95667	0.00062	0.29053	2.51192E-06	6.2551E-04
610959.43	4206442.03	35024.09691	0.00062	0.28073	2.42719E-06	6.1765E-04
610966.43	4206442.03	34561.02844	0.00061	0.27136	2.34618E-06	6.0944E-04
610973.43	4206442.03	34080.93826	0.00060	0.26241	2.26880E-06	6.0093E-04
610980.43	4206442.03	33586.50057	0.00059	0.25383	2.19461E-06	5.9217E-04
611001.43	4206442.03	32040.27155	0.00056	0.23027	1.99091E-06	5.6480E-04
611008.43	4206442.03	31510.68529	0.00055	0.22307	1.92866E-06	5.5544E-04
611015.43	4206442.03	30976.99098	0.00054	0.21617	1.86900E-06	5.4603E-04
611022.43	4206442.03	30440.64928	0.00053	0.20956	1.81185E-06	5.3652E-04
611029.43	4206442.03	29902.90225	0.00053	0.20322	1.75704E-06	5.2702E-04
611036.43	4206442.03	29365.1812	0.00052	0.19715	1.70456E-06	5.1753E-04
611043.43	4206442.03	28828.2501	0.00051	0.19132	1.65415E-06	5.0804E-04
611050.43	4206442.03	28293.44746	0.00050	0.18572	1.60573E-06	4.9860E-04
611057.43	4206442.03	27761.28666	0.00049	0.18035	1.55931E-06	4.8921E-04
611062.74	4206442.14	27349.95331	0.00048	0.17648	1.52585E-06	4.8195E-04
611078.43	4206442.03	26188.88916	0.00046	0.16547	1.43065E-06	4.6146E-04
611085.43	4206442.03	25674.73178	0.00045	0.16089	1.39105E-06	4.5239E-04
611092.43	4206442.03	25166.35849	0.00044	0.15649	1.35301E-06	4.4342E-04
610294.43	4206449.03	2045.8161	0.00004	1.07847	9.32445E-06	4.5261E-05
610301.43	4206449.03	2089.96546	0.00004	1.08040	9.34113E-06	4.6053E-05
610308.43	4206449.03	2135.51091	0.00004	1.08222	9.35687E-06	4.6869E-05
610315.43	4206449.03	2182.80668	0.00004	1.08401	9.37235E-06	4.7715E-05
610322.43	4206449.03	2231.58784	0.00004	1.08573	9.38722E-06	4.8587E-05
610329.43	4206449.03	2282.14085	0.00004	1.08740	9.40166E-06	4.9489E-05
610336.43	4206449.03	2334.79142	0.00004	1.08908	9.41618E-06	5.0429E-05
610343.43	4206449.03	2390.73393	0.00004	1.09083	9.43131E-06	5.1426E-05
610350.43	4206449.03	2448.71306	0.00004	1.09241	9.44497E-06	5.2458E-05
610357.43	4206449.03	2508.81393	0.00004	1.09382	9.45716E-06	5.352E-05
610364.43	4206449.03	2571.12701	0.00005	1.09504	9.46771E-06	5.4631E-05
610371.43	4206449.03	2635.76439	0.00005	1.09608	9.47670E-06	5.577E-05
610378.43	4206449.03	2702.74973	0.00005	1.09693	9.48405E-06	5.696E-05
610385.43	4206449.03	2772.24332	0.00005	1.09760	9.48984E-06	5.818E-05
610392.43	4206449.03	2844.41451	0.00005	1.09810	9.49417E-06	5.945E-05
610399.43	4206449.03	2919.19712	0.00005	1.09842	9.49693E-06	6.077E-05
610406.43	4206449.03	2996.83305	0.00005	1.09858	9.49832E-06	6.214E-05
610413.43	4206449.03	3077.44152	0.00005	1.09859	9.49840E-06	6.355E-05
610420.43	4206449.03	3161.03254	0.00006	1.09845	9.49719E-06	6.502E-05
610427.43	4206449.03	3247.8843	0.00006	1.09818	9.49486E-06	6.654E-05
610434.43	4206449.03	3337.98866	0.00006	1.09779	9.49149E-06	6.812E-05
610441.43	4206449.03	3431.5507	0.00006	1.09726	9.48690E-06	6.976E-05
610448.43	4206449.03	3528.67027	0.00006	1.09662	9.48137E-06	7.146E-05
610455.43	4206449.03	3629.55083	0.00006	1.09586	9.47480E-06	7.3231E-05
610462.43	4206449.03	3734.32164	0.00007	1.09499	9.46728E-06	7.5063E-05
610469.43	4206449.03	3843.1781	0.00007	1.09399	9.45863E-06	7.6967E-05
610476.43	4206449.03	3956.195	0.00007	1.09288	9.44904E-06	7.8942E-05
610497.43	4206449.03	4322.96722	0.00008	1.08875	9.41333E-06	8.5349E-05
610504.43	4206449.03	4455.24339	0.00008	1.08709	9.39897E-06	8.7659E-05
610511.43	4206449.03	4592.9526	0.00008	1.08527	9.38324E-06	9.0062E-05
610518.43	4206449.03	4736.55076	0.00008	1.08328	9.36603E-06	9.2567E-05
610525.43	4206449.03	4886.46975	0.00009	1.08111	9.34727E-06	9.5182E-05
610532.43	4206449.03	5043.42293	0.00009	1.07874	9.32678E-06	9.791BE-05
610539.43	4206449.03	5207.89855	0.00009	1.07616	9.30447E-06	1.0079E-04
610546.43	4206449.03	5380.83392	0.00009	1.07335	9.28018E-06	1.0386E-04
610553.43	4206449.03	5563.27232	0.00010	1.07029	9.25372E-06	1.0698E-04
610560.43	4206449.03	5756.93363	0.00010	1.06698	9.22510E-06	1.1035E-04
610567.43	4206449.03	5962.887	0.00010	1.06339	9.19406E-06	1.1394E-04
610574.43	4206449.03	6182.81141	0.00011	1.05954	9.16078E-06	1.1777E-04
610581.43	4206449.03	6418.78788	0.00011	1.05541	9.12507E-06	1.2188E-04
610588.43	4206449.03	6673.10484	0.00012	1.05101	9.08703E-06	1.2631E-04
610595.43	4206449.03	6947.14073	0.00012	1.04627	9.04605E-06	1.3108E-04
610602.43	4206449.03	7243.19502	0.00013	1.04118	9.00204E-06	1.3623E-04
610609.43	4206449.03	7563.5923	0.00013	1.03576	8.95518E-06	1.4182E-04
610616.43	4206449.03	7908.74628	0.00014	1.02992	8.90468E-06	1.4783E-04
610623.43	4206449.03	8281.08366	0.00015	1.02370	8.85091E-06	1.5431E-04
610630.43	4206449.03	8680.8658	0.00015	1.01702	8.79315E-06	1.6128E-04
610637.43	4206449.03	9112.96712	0.00016	1.01001	8.73254E-06	1.6881E-04
610644.43	4206449.03	9574.04171	0.00017	1.00245	8.66718E-06	1.7684E-04
610651.43	4206449.03	10066.21522	0.00018	0.99428	8.59654E-06	1.8542E-04
610658.43	4206449.03	10592.56388	0.00019	0.98552	8.52080E-06	1.9459E-04
610665.43	4206449.03	11153.11709	0.00020	0.97603	8.43875E-06	2.0435E-04
610672.43	4206449.03	11752.04246	0.00021	0.96580	8.35030E-06	2.1478E-04
610679.43	4206449.03	12392.76398	0.00022	0.95480	8.25520E-06	2.2594E-04
610686.43	4206449.03	13081.44739	0.00023	0.94297	8.15291E-06	2.3794E-04
610693.43	4206449.03	13815.80563	0.00024	0.93028	8.04320E-06	2.5073E-04
610700.43	4206449.03	14600.2564	0.00026	0.91674	7.92613E-06	2.6439E-04
610707.43	4206449.03	15444.20889	0.00027	0.90225	7.80085E-06	2.7909E-04
610714.43	4206449.03	16345.7201	0.00029	0.88679	7.66718E-06	2.9479E-04
610721.43	4206449.03	17293.46203	0.00030	0.87033	7.52487E-06	3.1130E-04
610735.43	4206449.03	19331.77924	0.00034	0.83442	7.21439E-06	3.4679E-04
610742.43	4206449.03	20413.16459	0.00036	0.81508	7.04718E-06	3.6562E-04
610749.43	4206449.03	21516.62869	0.00038	0.79495	6.87313E-06	3.8483E-04
610756.43	4206449.03	22651.61086	0.00040	0.77414	6.69321E-06	4.0459E-04
610763.43	4206449.03	23801.73424	0.00042	0.75279	6.50862E-06	4.2468E-04
610770.43	4206449.03	24925.73135	0.00044	0.73108	6.32091E-06	4.4416E-04
610777.43	4206449.03	25965.29409	0.00046	0.70912	6.13105E-06	4.6223E-04
610784.43	4206449.03	26985.45881	0.00047	0.68709	5.94058E-06	4.799E-04
610910.43	4206449.03	35374.84744	0.00062	0.36272	3.13608E-06	6.2452E-04
610917.43	4206449.03	35233.54103	0.00062	0.35014	3.02731E-06	6.2175E-04
610924.43	4206449.03	35027.21317	0.00062	0.33809	2.92312E-06	6.1826E-04
610931.43	4206449.03	34789.83417	0.00061	0.32653	2.82318E-06	6.1393E-04
610938.43	4206449.03	34515.91866	0.00061	0.31546	2.72747E-06	6.0902E-04
610945.43	4206449.03	34208.9041	0.00060	0.30486	2.63582E-06	6.0354E-04
610952.43	4206449.03	33872.61828	0.00059	0.29470	2.54797E-06	5.9755E-04
610959.43	4206449.03	33510.19886	0.00059	0.28497	2.46385E-06	5.9110E-04
610966.43	4206449.03	33124.97391	0.00058	0.27564	2.38318E-06	5.8425E-04
610973.43	4206449.03	32719.77151	0.00057	0.26671	2.30597E-06	5.7705E-04
610980.43	4206449.03	32297.19711	0.00057	0.25815	2.23196E-06	5.6956E-04
611001.43	4206449.03	30949.73878	0.00054	0.23453	2.02775E-06	5.4568E-04
611008.43	4206449.03	30480.77533	0.00054	0.22730	1.96523E-06	5.3738E-04
611015.43	4206449.03	30004.89833	0.00053	0.22036	1.90523E-06	5.2896E-04
611022.43	4206449.03	29523.71277	0.00052	0.21371	1.84774E-06	5.2045E-04
611029.43	4206449.03	29038.62854	0.00051	0.20732	1.79249E-06	5.1188E-04
611036.43	4206449.03	28550.94597	0.00050	0.20119	1.73949E-06	5.0326E-04
611043.43	4206449.03	28061.86771	0.00049	0.19530	1.68856E-06	4.9462E-04
611050.43	4206449.03	27572.33038	0.00048	0.18964	1.63963E-06	4.8597E-04
611057.43	4206449.03	27083.46537	0.00048	0.18420	1.59259E-06	4.7733E-04
611062.74	4206449.14	26703.12008	0.00047	0.18028	1.55870E-06	4.7062E-04
611078.43	4206449.03	25628.17794	0.00045	0.16912	1.46221E-06	4.5164E-04
611085.43	4206449.03	25149.13228	0.00044	0.16448	1.42209E-06	4.4319E-04
611092.43	4206449.03	24674.22419	0.00043	0.16000	1.38336E-06	4.3480E-04
610294.43	4206456.03	1994.64307	0.00004	1.01246	8.75372E-06	4.3791E-05
610301.43	4206456.03	2037.34618	0.00004	1.01438	8.77032E-06	4.4556E-05
610308.43	4206456.03	2081.12422	0.00004	1.01618	8.78589E-06	4.5342E-05
610315.43	4206456.03	2126.53405	0.00004	1.01792	8.80093E-06	4.6155E-05
610322.43	4206456.03	2173.69273	0.00004	1.01963	8.81572E-06	4.6998E-05
610329.43	4206456.03	2222.29946	0.00004	1.02126	8.82981E-06	4.7866E-05
610336.43	4206456.03	2272.99598	0.00004	1.02289	8.84390E-06	4.8771E-05
610343.43	4206456.03	2326.78397	0.00004	1.02465	8.85912E-06	4.9731E-05
610350.43	4206456.03	2382.48984	0.00004	1.02625	8.87295E-06	5.0723E-05
610357.43	4206456.03	2440.18039	0.00004	1.02769	8.88540E-06	5.1749E-05
610364.43	4206456.03	2500.01285	0.00004	1.02897	8.89647E-06	5.2811E-05
610371.43	4206456.03	2561.9591	0.00005	1.03008	8.90607E-06	5.3909E-05
610378.43	4206456.03	2626.16573	0.00005	1.03102	8.91419E-06	5.5045E-05
610385.43	4206456.03	2692.75452	0.00005	1.03179	8.92085E-06	5.6221E-05
610392.43	4206456.03	2761.70415	0.00005	1.03239	8.92604E-06	5.7437E-05
610399.43	4206456.03	2833.26437	0.00005	1.03282	8.92976E-06	5.869BE-05
610406.43	4206456.03	2907.43442	0.00005	1.03309	8.93209E-06	6.0003E-05
610413.43	4206456.03	2984.3145	0.00005	1.03322	8.93322E-06	6.1355E-05
610420.43	4206456.03	3064.03333	0.00005	1.03320	8.93304E-06	6.2755E-05
610427.43	4206456.03	3146.70694	0.00006	1.03304	8.93166E-06	6.420E-05
610434.43	4206456.03	3232.4084	0.00006	1.03276	8.92924E-06	6.5709E-05
610441.43	4206456.03	3321.28492	0.00006	1.03234	8.92561E-06	6.7266E-05
610448.43	4206456.03	3413.46274	0.00006	1.03180	8.92094E-06	6.8881E-05
610455.43	4206456.03	3509.03939	0.00006	1.03114	8.91523E-06	7.0554E-05
610462.43	4206456.03	3608.21869	0.00006	1.03036	8.90849E-06	7.2289E-05
610469.43	4206456.03	3711.04867	0.00007	1.02946	8.90071E-06	7.4088E-05
610476.43	4206456.03	3817.76982	0.00007	1.02844	8.89189E-06	7.5954E-05
610497.43	4206456.03	4162.76332	0.00007	1.02460	8.85869E-06	8.1981E-05
610504.43	4206456.03	4286.83867	0.00008	1.02305	8.84529E-06	8.4147E-05
610511.43	4206456.03	4415.82919	0.00008	1.02134	8.83050E-06	8.6398E-05
610518.43	4206456.03	4550.16728	0.00008	1.01948	8.81442E-06	8.8741E-05
610525.43	4206456.03	4690.23059	0.00008	1.01744	8.79678E-06	9.1184E-05
610532.43	4206456.03	4836.62483	0.00008	1.01522	8.77759E-06	9.373GE-05
610539.43	4206456.03	4990.00165	0.00009	1.01281	8.75675E-06	9.6410E-05
610546.43	4206456.03	5151.07649	0.00009	1.01019	8.73410E-06	9.921TE-05
610553.43	4206456.03	5320.89625	0.00009	1.00735	8.70954E-06	1.0217E-04
610560.43	4206456.03	5500.8117	0.00010	1.00427	8.68291E-06	1.0531E-04
610567.43	4206456.03	5692.34531	0.00010	1.00095	8.65421E-06	1.0864E-04
610574.43	4206456.03	5896.42953	0.00010	0.99738	8.62334E-06	1.1220E-04
610581.43	4206456.03	6115.33167	0.00011	0.99357	8.59040E-06	1.1601E-04
610588.43	4206456.03	6350.9376	0.00011	0.98949	8.55513E-06	1.2018E-04
610595.43	4206456.03	6603.77064	0.00012	0.98515	8.51760E-06	1.2452E-04
610602.43	4206456.03	6876.99301	0.00012	0.98051	8.47748E-06	1.2928E-04
610609.43	4206456.03	7170.99013	0.00013	0.97553	8.43443E-06	1.3440E-04
610616.43	4206456.03	7487.95015	0.00013	0.97023	8.38860E-06	1.3992E-04
610623.43	4206456.03	7828.21997	0.00014	0.96454	8.33941E-06	1.4585E-04
610630.43	4206456.03	8193.29738	0.00014	0.95849	8.28710E-06	1.5221E-04
610637.43	4206456.03	8586.77589	0.00015	0.95221	8.23280E-06	1.5907E-04
610644.43	4206456.03	9006.34348	0.00016	0.94544	8.17427E-06	1.6638E-04
610651.43	4206456.03	9452.94388	0.00017	0.93818	8.11150E-06	1.7416E-04
610658.43	4206456.03	9927.76979	0.00017	0.93040	8.04423E-06	1.8243E-04
610665.43	4206456.03	10432.87869	0.00018	0.92203	7.97187E-06	1.9123E-04
610672.43	4206456.03	10970.79193	0.00019	0.91302	7.89397E-06	2.0060E-04
610679.43	4206456.03	11544.19981	0.00020	0.90335	7.81036E-06	2.1059E-04
610686.43	4206456.03	12155.88482	0.00021	0.89297	7.72051E-06	2.2125E-04
610693.43	4206456.03	12808.71232	0.00022	0.88186	7.62456E-06	2.326.2E-04
610700.43	4206456.03	13504.67743	0.00024	0.87004	7.52236E-06	2.4474E-04
610707.43	4206456.03	14245.10705	0.00025	0.85744	7.41342E-06	2.5771E-04
610714.43	4206456.03	15043.70475	0.00026	0.84403	7.29748E-06	2.7155E-04
610721.43	4206456.03	15879.20886	0.00028	0.82978	7.17427E-06	2.861OE-04
610742.43	4206456.03	18641.84327	0.00033	0.78192	6.76048E-06	3.3422E-04
610749.43	4206456.03	19634.07469	0.00034	0.76439	6.60891E-06	3.5150E-04
610910.43	4206456.03	33339.60316	0.00059	0.36511	3.15674E-06	5.8878E-04
610917.43	4206456.03	33268.63582	0.00058	0.35283	3.05057E-06	5.8744E-04
610924.43	4206456.03	33152.52149	0.00058	0.34104	2.94863E-06	5.8530E-04
610931.43	4206456.03	32995.05403	0.00058	0.32970	2.85058E-06	5.8243E-04
610938.43	4206456.03	32799.80651	0.00058	0.31881	2.75643E-06	5.7891E-04
610945.43	4206456.03	32570.32186	0.00057	0.30836	2.66608E-06	5.7479E-04
610952.43	4206456.03	32309.72926	0.00057	0.29833	2.57936E-06	5.7012E-04
610959.43	4206456.03	32021.26001	0.00056	0.28869	2.49601E-06	5.6497E-04
610966.43	4206456.03	31707.80942	0.00056	0.27944	2.41604E-06	5.5939E-04
610973.43	4206456.03	31372.25545	0.00055	0.27057	2.33935E-06	5.5342E-04
610980.43	4206456.03	31017.11754	0.00054	0.26205	2.26568E-06	5.4710E-04
611008.43	4206456.03	29445.93818	0.00052	0.23123	1.99921E-06	5.1924E-04
611015.43	4206456.03	29025.46353	0.00051	0.22427	1.93904E-06	5.1179E-04
611022.43	4206456.03	28597.30086	0.00050	0.21759	1.88128E-06	5.0421E-04
611029.43	4206456.03	28162.93827	0.00049	0.21117	1.82577E-06	4.9653E-04
611036.43	4206456.03	27723.79185	0.00049	0.20500	1.77243E-06	4.8876E-04
611043.43	4206456.03	27281.00275	0.00048	0.19907	1.72116E-06	4.8093E-04
611050.43	4206456.03	26835.76525	0.00047	0.19336	1.67179E-06	4.7306E-04
611057.43	4206456.03	26388.9836	0.00046	0.18788	1.62441E-06	4.6517E-04
611062.74	4206456.14	26039.17014	0.00046	0.18391	1.59008E-06	4.5899E-04
611078.43	4206456.03	25048.73116	0.00044	0.17263	1.49256E-06	4.4149E-04
611085.43	4206456.03	24604.54864	0.00043	0.16792	1.45184E-06	4.3365E-04
611092.43	4206456.03	24162.65906	0.00042	0.16339	1.41267E-06	4.2585E-04

610294.43	4206463.03	1945.50638	0.00003	0.95246	8.23496E-06	4.2409E-05
610301.43	4206463.03	1986.44138	0.00003	0.95435	8.25131E-06	4.3145E-05
610308.43	4206463.03	2028.93599	0.00004	0.95618	8.26713E-06	4.3907E-05
610315.43	4206463.03	2072.70158	0.00004	0.95790	8.28200E-06	4.4691E-05
610322.43	4206463.03	2118.1288	0.00004	0.95960	8.29670E-06	4.5503E-05
610329.43	4206463.03	2164.99323	0.00004	0.96119	8.31044E-06	4.6340E-05
610336.43	4206463.03	2213.79539	0.00004	0.96281	8.32445E-06	4.7211E-05
610343.43	4206463.03	2265.56486	0.00004	0.96457	8.33967E-06	4.8136E-05
610350.43	4206463.03	2319.12008	0.00004	0.96619	8.35367E-06	4.9091E-05
610357.43	4206463.03	2374.61506	0.00004	0.96767	8.36647E-06	5.0078E-05
610364.43	4206463.03	2432.03607	0.00004	0.96900	8.37797E-06	5.1098E-05
610371.43	4206463.03	2491.52042	0.00004	0.97017	8.38809E-06	5.2153E-05
610378.43	4206463.03	2553.11203	0.00004	0.97118	8.39682E-06	5.3244E-05
610385.43	4206463.03	2616.87748	0.00005	0.97203	8.40417E-06	5.4372E-05
610392.43	4206463.03	2682.97416	0.00005	0.97272	8.41013E-06	5.5539E-05
610399.43	4206463.03	2751.41623	0.00005	0.97326	8.41480E-06	5.6745E-05
610406.43	4206463.03	2822.28751	0.00005	0.97364	8.41809E-06	5.7994E-05
610413.43	4206463.03	2895.71142	0.00005	0.97388	8.42016E-06	5.9285E-05
610420.43	4206463.03	2971.78883	0.00005	0.97397	8.42094E-06	6.0623E-05
610427.43	4206463.03	3050.53105	0.00005	0.97392	8.42051E-06	6.2005E-05
610434.43	4206463.03	3132.13977	0.00006	0.97374	8.41895E-06	6.3437E-05
610441.43	4206463.03	3216.63754	0.00006	0.97344	8.41636E-06	6.4919E-05
610448.43	4206463.03	3304.17424	0.00006	0.97301	8.41264E-06	6.6453E-05
610455.43	4206463.03	3394.83311	0.00006	0.97245	8.40780E-06	6.8041E-05
610462.43	4206463.03	3488.69022	0.00006	0.97178	8.40201E-06	6.9683E-05
610469.43	4206463.03	3585.97105	0.00006	0.97098	8.39508E-06	7.1385E-05
610476.43	4206463.03	3686.72177	0.00006	0.97006	8.38713E-06	7.3147E-05
610497.43	4206463.03	4011.51956	0.00007	0.96654	8.35670E-06	7.8822E-05
610504.43	4206463.03	4127.95407	0.00007	0.96510	8.34425E-06	8.0855E-05
610511.43	4206463.03	4248.91355	0.00007	0.96351	8.33050E-06	8.2966E-05
610518.43	4206463.03	4374.68277	0.00008	0.96178	8.31555E-06	8.5160E-05
610525.43	4206463.03	4505.72611	0.00008	0.95988	8.29912E-06	8.7445E-05
610532.43	4206463.03	4642.49062	0.00008	0.95781	8.28122E-06	8.9830E-05
610539.43	4206463.03	4785.67101	0.00008	0.95557	8.26185E-06	9.2326E-05
610546.43	4206463.03	4935.99189	0.00009	0.95314	8.24084E-06	9.4945E-05
610553.43	4206463.03	5094.36356	0.00009	0.95050	8.21802E-06	9.7704E-05
610560.43	4206463.03	5262.09126	0.00009	0.94765	8.19338E-06	1.0063E-04
610567.43	4206463.03	5439.97997	0.00010	0.94460	8.16701E-06	1.0372E-04
610574.43	4206463.03	5629.93958	0.00010	0.94131	8.13858E-06	1.0703E-04
610581.43	4206463.03	5833.25447	0.00010	0.93780	8.10821E-06	1.1057E-04
610588.43	4206463.03	6051.46829	0.00011	0.93404	8.07571E-06	1.1437E-04
610595.43	4206463.03	6286.09307	0.00011	0.93005	8.04121E-06	1.1846E-04
610602.43	4206463.03	6538.44708	0.00011	0.92578	8.00429E-06	1.2286E-04
610609.43	4206463.03	6809.78986	0.00012	0.92124	7.96504E-06	1.2758E-04
610616.43	4206463.03	7101.16495	0.00012	0.91639	7.92310E-06	1.3266E-04
610623.43	4206463.03	7413.19345	0.00013	0.91120	7.87823E-06	1.3810E-04
610630.43	4206463.03	7747.6355	0.00014	0.90572	7.83085E-06	1.4392E-04
610637.43	4206463.03	8108.0992	0.00014	0.90006	7.78191E-06	1.5021E-04
610644.43	4206463.03	8491.57955	0.00015	0.89400	7.72952E-06	1.5689E-04
610651.43	4206463.03	8897.66397	0.00016	0.88749	7.67323E-06	1.6397E-04
610658.43	4206463.03	9329.24527	0.00016	0.88053	7.61306E-06	1.7148E-04
610665.43	4206463.03	9786.87432	0.00017	0.87310	7.54882E-06	1.7946E-04
610672.43	4206463.03	10271.12039	0.00018	0.86511	7.47974E-06	1.8790E-04
610679.43	4206463.03	10787.03704	0.00019	0.85657	7.40590E-06	1.9688E-04
610686.43	4206463.03	11335.68518	0.00020	0.84741	7.32670E-06	2.0645E-04
610693.43	4206463.03	11917.06094	0.00021	0.83762	7.24206E-06	2.1657E-04
610700.43	4206463.03	12537.88962	0.00022	0.82723	7.15223E-06	2.2739E-04
610707.43	4206463.03	13197.61113	0.00023	0.81620	7.05686E-06	2.3888E-04
610714.43	4206463.03	13900.86858	0.00024	0.80449	6.95562E-06	2.5113E-04
610721.43	4206463.03	14640.12039	0.00026	0.79207	6.84823E-06	2.6401E-04
610798.43	4206463.03	24152.15187	0.00042	0.61506	5.31781E-06	4.2957E-04
610805.43	4206463.03	24963.65563	0.00044	0.59721	5.16347E-06	4.4367E-04
610812.43	4206463.03	25744.16748	0.00045	0.57945	5.00992E-06	4.5723E-04
610819.43	4206463.03	26489.46418	0.00047	0.56186	4.85784E-06	4.7016E-04
610826.43	4206463.03	27193.48111	0.00048	0.54450	4.70774E-06	4.8238E-04
610833.43	4206463.03	27851.23652	0.00049	0.52743	4.56016E-06	4.9379E-04
610840.43	4206463.03	28457.79847	0.00050	0.51069	4.41542E-06	5.0430E-04
610847.43	4206463.03	29009.74815	0.00051	0.49432	4.27389E-06	5.1385E-04
610854.43	4206463.03	29507.36232	0.00052	0.47838	4.13607E-06	5.2245E-04
610861.43	4206463.03	29946.21031	0.00053	0.46285	4.00180E-06	5.3003E-04
610868.43	4206463.03	30325.23575	0.00053	0.44776	3.87133E-06	5.3656E-04
610875.43	4206463.03	30644.66631	0.00054	0.43312	3.74475E-06	5.4204E-04
610882.43	4206463.03	30905.45482	0.00054	0.41893	3.62207E-06	5.4650E-04
610889.43	4206463.03	31108.80567	0.00055	0.40519	3.50327E-06	5.4995E-04
610910.43	4206463.03	31397.25174	0.00055	0.36672	3.17066E-06	5.5469E-04
610917.43	4206463.03	31395.18094	0.00055	0.35479	3.06751E-06	5.5455E-04
610924.43	4206463.03	31348.9271	0.00055	0.34329	2.96808E-06	5.5363E-04
610931.43	4206463.03	31261.85421	0.00055	0.33221	2.87229E-06	5.5201E-04
610938.43	4206463.03	31136.51481	0.00055	0.32155	2.78012E-06	5.4972E-04
610945.43	4206463.03	30976.49911	0.00054	0.31128	2.69139E-06	5.4682E-04
610952.43	4206463.03	30784.36367	0.00054	0.30140	2.60590E-06	5.4336E-04
610959.43	4206463.03	30563.1811	0.00054	0.29190	2.52377E-06	5.3939E-04
610966.43	4206463.03	30315.6192	0.00053	0.28276	2.44474E-06	5.3496E-04
610973.43	4206463.03	30044.32056	0.00053	0.27397	2.36874E-06	5.3012E-04
610980.43	4206463.03	29751.63202	0.00052	0.26552	2.29568E-06	5.2490E-04
610987.43	4206463.03	29439.8075	0.00052	0.25739	2.22539E-06	5.1934E-04
611008.43	4206463.03	28411.10245	0.00050	0.23483	2.03034E-06	5.0109E-04
611015.43	4206463.03	28043.29479	0.00049	0.22788	1.97025E-06	4.9457E-04
611022.43	4206463.03	27665.79833	0.00049	0.22119	1.91241E-06	4.8788E-04
611029.43	4206463.03	27280.16056	0.00048	0.21476	1.85683E-06	4.8105E-04
611036.43	4206463.03	26887.53758	0.00047	0.20857	1.80330E-06	4.7410E-04
611043.43	4206463.03	26489.54684	0.00047	0.20261	1.75177E-06	4.6706E-04
611050.43	4206463.03	26087.1166	0.00046	0.19687	1.70214E-06	4.5994E-04
611057.43	4206463.03	25681.38897	0.00045	0.19135	1.65441E-06	4.5277E-04
611062.74	4206463.14	25361.22413	0.00045	0.18735	1.61983E-06	4.4711E-04
611078.43	4206463.03	24453.60147	0.00043	0.17598	1.52152E-06	4.3107E-04
611085.43	4206463.03	24043.50938	0.00042	0.17123	1.48045E-06	4.2382E-04
611092.43	4206463.03	23634.21821	0.00042	0.16664	1.44077E-06	4.1659E-04
610294.43	4206470.03	1898.68007	0.00003	0.89774	7.76186E-06	4.1114E-05
610301.43	4206470.03	1938.35463	0.00003	0.89971	7.77889E-06	4.1828E-05
610308.43	4206470.03	1979.25404	0.00003	0.90152	7.79454E-06	4.2562E-05
610315.43	4206470.03	2021.49546	0.00004	0.90324	7.80941E-06	4.3318E-05
610322.43	4206470.03	2065.33768	0.00004	0.90492	7.82393E-06	4.4103E-05
610329.43	4206470.03	2110.53031	0.00004	0.90651	7.83768E-06	4.4911E-05
610336.43	4206470.03	2157.5494	0.00004	0.90812	7.85160E-06	4.5751E-05
610343.43	4206470.03	2207.26127	0.00004	0.90984	7.86647E-06	4.6639E-05
610350.43	4206470.03	2258.85154	0.00004	0.91147	7.88057E-06	4.7559E-05
610357.43	4206470.03	2312.19605	0.00004	0.91296	7.89345E-06	4.8509E-05
610364.43	4206470.03	2367.26701	0.00004	0.91431	7.90512E-06	4.9488E-05
610371.43	4206470.03	2424.4161	0.00004	0.91552	7.91558E-06	5.0502E-05
610378.43	4206470.03	2483.51653	0.00004	0.91659	7.92483E-06	5.1550E-05
610385.43	4206470.03	2544.71727	0.00004	0.91751	7.93279E-06	5.2633E-05
610392.43	4206470.03	2607.8821	0.00005	0.91831	7.93970E-06	5.3748E-05
610399.43	4206470.03	2673.36985	0.00005	0.91894	7.94515E-06	5.4905E-05
610406.43	4206470.03	2741.20137	0.00005	0.91942	7.94930E-06	5.6101E-05
610413.43	4206470.03	2811.40303	0.00005	0.91976	7.95224E-06	5.7337E-05
610420.43	4206470.03	2883.94497	0.00005	0.91996	7.95397E-06	5.8613E-05
610427.43	4206470.03	2959.11652	0.00005	0.92002	7.95449E-06	5.9934E-05
610434.43	4206470.03	3036.77946	0.00005	0.91995	7.95388E-06	6.1297E-05
610441.43	4206470.03	3117.2096	0.00005	0.91975	7.95215E-06	6.2708E-05
610448.43	4206470.03	3200.35094	0.00006	0.91943	7.94939E-06	6.4166E-05
610455.43	4206470.03	3286.35799	0.00006	0.91898	7.94550E-06	6.5673E-05
610462.43	4206470.03	3375.34336	0.00006	0.91841	7.94057E-06	6.7231E-05
610469.43	4206470.03	3467.3288	0.00006	0.91772	7.93460E-06	6.8841E-05
610476.43	4206470.03	3562.53991	0.00006	0.91691	7.92760E-06	7.0506E-05
610497.43	4206470.03	3868.53156	0.00007	0.91372	7.90002E-06	7.5854E-05
610504.43	4206470.03	3977.94693	0.00007	0.91240	7.88861E-06	7.7764E-05
610511.43	4206470.03	4091.39632	0.00007	0.91094	7.87598E-06	7.9744E-05
610518.43	4206470.03	4209.27842	0.00007	0.90934	7.86215E-06	8.1801E-05
610525.43	4206470.03	4331.99035	0.00008	0.90758	7.84693E-06	8.3942E-05
610532.43	4206470.03	4459.9465	0.00008	0.90567	7.83042E-06	8.6173E-05
610539.43	4206470.03	4593.81274	0.00008	0.90359	7.81243E-06	8.8506E-05
610546.43	4206470.03	4734.28325	0.00008	0.90134	7.79298E-06	9.0954E-05
610553.43	4206470.03	4882.19197	0.00009	0.89891	7.77197E-06	9.3531E-05
610560.43	4206470.03	5038.61534	0.00009	0.89629	7.74932E-06	9.6256E-05
610567.43	4206470.03	5204.67842	0.00009	0.89347	7.72494E-06	9.9149E-05
610574.43	4206470.03	5381.5786	0.00009	0.89045	7.69883E-06	1.0223E-04
610581.43	4206470.03	5570.73517	0.00010	0.88723	7.67099E-06	1.0553E-04
610588.43	4206470.03	5773.49676	0.00010	0.88378	7.64116E-06	1.0906E-04
610595.43	4206470.03	5991.37974	0.00011	0.88012	7.60951E-06	1.1285E-04
610602.43	4206470.03	6225.03859	0.00011	0.87621	7.57571E-06	1.1692E-04
610609.43	4206470.03	6475.76652	0.00011	0.87204	7.53965E-06	1.2129E-04
610616.43	4206470.03	6744.25975	0.00012	0.86759	7.50118E-06	1.2597E-04
610623.43	4206470.03	7031.1199	0.00012	0.86284	7.46011E-06	1.3097E-04
610630.43	4206470.03	7339.11085	0.00013	0.85787	7.41714E-06	1.3633E-04
610637.43	4206470.03	7669.67851	0.00013	0.85275	7.37287E-06	1.4216E-04
610644.43	4206470.03	8021.36462	0.00014	0.84728	7.32558E-06	1.4823E-04
610651.43	4206470.03	8392.99623	0.00015	0.84142	7.27491E-06	1.5470E-04
610658.43	4206470.03	8786.81242	0.00015	0.83519	7.22105E-06	1.6157E-04
610665.43	4206470.03	9202.20007	0.00016	0.82854	7.16355E-06	1.6881E-04
610672.43	4206470.03	9641.39363	0.00017	0.82143	7.10208E-06	1.7646E-04
610679.43	4206470.03	10107.89639	0.00018	0.81384	7.03644E-06	1.8459E-04
610686.43	4206470.03	10600.49958	0.00019	0.80572	6.96625E-06	1.9317E-04
610693.43	4206470.03	11125.06545	0.00020	0.79704	6.89120E-06	2.0231E-04
610700.43	4206470.03	11679.24623	0.00021	0.78785	6.81175E-06	2.1197E-04
610707.43	4206470.03	12266.72384	0.00022	0.77813	6.72771E-06	2.2220E-04
610714.43	4206470.03	12891.77159	0.00023	0.76784	6.63874E-06	2.3309E-04
610721.43	4206470.03	13552.36771	0.00024	0.75695	6.54459E-06	2.4468E-04
610756.43	4206470.03	17334.21292	0.00030	0.69304	5.99202E-06	3.1048E-04
610763.43	4206470.03	18176.08047	0.00032	0.67849	5.86622E-06	3.2514E-04
610770.43	4206470.03	19012.55332	0.00033	0.66347	5.73636E-06	3.3971E-04
610777.43	4206470.03	19800.06109	0.00035	0.64806	5.60312E-06	3.5341E-04
610784.43	4206470.03	20587.95267	0.00036	0.63232	5.46704E-06	3.6711E-04
610791.43	4206470.03	21371.1976	0.00038	0.61635	5.32896E-06	3.8073E-04
610798.43	4206470.03	22144.81382	0.00039	0.60023	5.18959E-06	3.9418E-04
610805.43	4206470.03	22903.30971	0.00040	0.58403	5.04952E-06	4.0736E-04
610812.43	4206470.03	23639.5241	0.00042	0.56783	4.90946E-06	4.2016E-04
610819.43	4206470.03	24349.41793	0.00043	0.55171	4.77008E-06	4.3249E-04
610826.43	4206470.03	25027.39946	0.00044	0.53572	4.63183E-06	4.4426E-04
610833.43	4206470.03	25668.42703	0.00045	0.51991	4.49514E-06	4.5538E-04
610840.43	4206470.03	26268.40593	0.00046	0.50434	4.36052E-06	4.6578E-04
610847.43	4206470.03	26822.98286	0.00047	0.48905	4.22832E-06	4.7539E-04
610854.43	4206470.03	27331.89558	0.00048	0.47409	4.09898E-06	4.8420E-04
610861.43	4206470.03	27790.26897	0.00049	0.45946	3.97249E-06	4.9213E-04
610868.43	4206470.03	28196.69717	0.00050	0.44519	3.84911E-06	4.9914E-04
610875.43	4206470.03	28550.49814	0.00050	0.43128	3.72884E-06	5.0524E-04
610882.43	4206470.03	28851.6192	0.00051	0.41776	3.61195E-06	5.1041E-04
610889.43	4206470.03	29100.64858	0.00051	0.40462	3.49834E-06	5.1467E-04
610910.43	4206470.03	29549.54511	0.00052	0.36759	3.17818E-06	5.2224E-04
610917.43	4206470.03	29606.0663	0.00052	0.35603	3.07823E-06	5.2313E-04
610924.43	4206470.03	29620.08546	0.00052	0.34486	2.98166E-06	5.2328E-04
610931.43	4206470.03	29593.94149	0.00052	0.33408	2.88845E-06	5.2273E-04
610938.43	4206470.03	29530.43164	0.00052	0.32367	2.79845E-06	5.2152E-04
610945.43	4206470.03	29432.04631	0.00052	0.31362	2.71156E-06	5.1971E-04
610952.43	4206470.03	29301.4065	0.00051	0.30394	2.62786E-06	5.1733E-04
610959.43	4206470.03	29141.04122	0.00051	0.29460	2.54711E-06	5.1443E-04
610966.43	4206470.03	28953.42921	0.00051	0.28560	2.46930E-06	5.1103E-04
610973.43	4206470.03	28740.90679	0.00050	0.27692	2.39425E-06	5.0725E-04
610980.43	4206470.03	28505.7994	0.00050	0.26857	2.32205E-06	5.0305E-04
610987.43	4206470.03	28250.21406	0.00050	0.26052	2.25245E-06	4.9845E-04
611008.43	4206470.03	27380.76682	0.00048	0.23811	2.05870E-06	4.8302E-04
611015.43	4206470.03	27062.71771	0.00048	0.23118	1.99878E-06	4.7738E-04
611022.43	4206470.03	26733.31269	0.00047	0.22450	1.94103E-06	4.7153E-04
611029.43	4206470.03	26393.93328	0.00046	0.21807	1.88543E-06	4.6551E-04
611036.43	4206470.03	26046.15482	0.00046	0.21188	1.83191E-06	4.5935E-04
611043.43	4206470.03	25691.03997	0.00045	0.20591	1.78030E-06	4.5306E-04

611050.43	4206470.03	25329.83487	0.00044	0.20016	1.73058E-06	4.4667E-04
611057.43	4206470.03	24963.80071	0.00044	0.19462	1.68268E-06	4.4019E-04
611062.21	4206469.92	24722.40333	0.00043	0.19090	1.65052E-06	4.3592E-04
611078.43	4206470.03	23845.38164	0.00042	0.17916	1.54902E-06	4.2041E-04
611085.43	4206470.03	23468.71539	0.00041	0.17437	1.50760E-06	4.1375E-04
611092.43	4206470.03	23091.34124	0.00041	0.16975	1.46766E-06	4.0708E-04
610294.43	4206477.03	1854.37585	0.00003	0.84763	7.32860E-06	3.9902E-05
610301.43	4206477.03	1892.61515	0.00003	0.84969	7.34642E-06	4.0592E-05
610308.43	4206477.03	1932.0915	0.00003	0.85154	7.36241E-06	4.1301E-05
610315.43	4206477.03	1973.06794	0.00003	0.85331	7.37771E-06	4.2036E-05
610322.43	4206477.03	2015.25554	0.00004	0.85498	7.39215E-06	4.2792E-05
610329.43	4206477.03	2058.87146	0.00004	0.85658	7.40599E-06	4.3572E-05
610336.43	4206477.03	2104.26266	0.00004	0.85816	7.41965E-06	4.4383E-05
610343.43	4206477.03	2152.18169	0.00004	0.85985	7.43426E-06	4.5239E-05
610350.43	4206477.03	2201.73693	0.00004	0.86144	7.44801E-06	4.6123E-05
610357.43	4206477.03	2252.97209	0.00004	0.86291	7.46072E-06	4.7036E-05
610364.43	4206477.03	2305.9597	0.00004	0.86426	7.47239E-06	4.7978E-05
610371.43	4206477.03	2360.72612	0.00004	0.86550	7.48311E-06	4.8951E-05
610378.43	4206477.03	2417.39052	0.00004	0.86661	7.49271E-06	4.9956E-05
610385.43	4206477.03	2475.9802	0.00004	0.86759	7.50118E-06	5.0994E-05
610392.43	4206477.03	2536.51779	0.00004	0.86845	7.50861E-06	5.2064E-05
610399.43	4206477.03	2599.17549	0.00005	0.86917	7.51484E-06	5.3171E-05
610406.43	4206477.03	2663.90572	0.00005	0.86978	7.52011E-06	5.4314E-05
610413.43	4206477.03	2730.98899	0.00005	0.87021	7.52383E-06	5.5496E-05
610420.43	4206477.03	2800.36048	0.00005	0.87051	7.52643E-06	5.6717E-05
610427.43	4206477.03	2872.02137	0.00005	0.87067	7.52781E-06	5.7977E-05
610434.43	4206477.03	2946.07649	0.00005	0.87071	7.52815E-06	5.9278E-05
610441.43	4206477.03	3022.57261	0.00005	0.87062	7.52738E-06	6.0621E-05
610448.43	4206477.03	3101.6328	0.00005	0.87040	7.52547E-06	6.2008E-05
610455.43	4206477.03	3183.25221	0.00006	0.87006	7.52253E-06	6.3439E-05
610462.43	4206477.03	3267.60002	0.00006	0.86960	7.51856E-06	6.4916E-05
610469.43	4206477.03	3354.71998	0.00006	0.86902	7.51354E-06	6.6442E-05
610476.43	4206477.03	3444.71108	0.00006	0.86831	7.50740E-06	6.8016E-05
610497.43	4206477.03	3733.11234	0.00007	0.86547	7.48285E-06	7.3058E-05
610504.43	4206477.03	3835.93897	0.00007	0.86427	7.47247E-06	7.4854E-05
610511.43	4206477.03	3942.51277	0.00007	0.86293	7.46089E-06	7.6714E-05
610518.43	4206477.03	4053.11156	0.00007	0.86146	7.44818E-06	7.8644E-05
610525.43	4206477.03	4168.08364	0.00007	0.85985	7.43426E-06	8.0650E-05
610532.43	4206477.03	4287.98509	0.00008	0.85808	7.41896E-06	8.2741E-05
610539.43	4206477.03	4413.30345	0.00008	0.85617	7.40244E-06	8.4925E-05
610546.43	4206477.03	4544.74334	0.00008	0.85410	7.38454E-06	8.7216E-05
610553.43	4206477.03	4683.14811	0.00008	0.85186	7.36518E-06	8.9628E-05
610560.43	4206477.03	4829.63765	0.00008	0.84943	7.34417E-06	9.2180E-05
610567.43	4206477.03	4984.92643	0.00009	0.84685	7.32186E-06	9.4886E-05
610574.43	4206477.03	5150.46748	0.00009	0.84408	7.29791E-06	9.7770E-05
610581.43	4206477.03	5327.14662	0.00009	0.84114	7.27249E-06	1.0085E-04
610588.43	4206477.03	5516.6089	0.00010	0.83799	7.24526E-06	1.0415E-04
610595.43	4206477.03	5719.71737	0.00010	0.83465	7.21638E-06	1.0769E-04
610602.43	4206477.03	5937.18537	0.00010	0.83110	7.18569E-06	1.1148E-04
610609.43	4206477.03	6170.47698	0.00011	0.82734	7.15318E-06	1.1554E-04
610616.43	4206477.03	6419.54672	0.00011	0.82332	7.11842E-06	1.1988E-04
610623.43	4206477.03	6685.6409	0.00012	0.81905	7.08150E-06	1.2452E-04
610630.43	4206477.03	6969.72389	0.00012	0.81453	7.04242E-06	1.2947E-04
610637.43	4206477.03	7275.40014	0.00013	0.80987	7.00213E-06	1.3480E-04
610644.43	4206477.03	7598.47061	0.00013	0.80489	6.95907E-06	1.4043E-04
610651.43	4206477.03	7940.68585	0.00014	0.79960	6.91334E-06	1.4640E-04
610658.43	4206477.03	8300.78655	0.00015	0.79394	6.86440E-06	1.5267E-04
610665.43	4206477.03	8681.5816	0.00015	0.78794	6.81253E-06	1.5931E-04
610672.43	4206477.03	9082.01582	0.00016	0.78153	6.75710E-06	1.6629E-04
610679.43	4206477.03	9504.49293	0.00017	0.77469	6.69797E-06	1.7365E-04
610686.43	4206477.03	9952.15423	0.00017	0.76739	6.63485E-06	1.8145E-04
610693.43	4206477.03	10423.54427	0.00018	0.75966	6.56802E-06	1.8967E-04
610700.43	4206477.03	10924.35915	0.00019	0.75149	6.49738E-06	1.9839E-04
610707.43	4206477.03	11451.55256	0.00020	0.74288	6.42294E-06	2.0758E-04
610714.43	4206477.03	12008.40147	0.00021	0.73379	6.34434E-06	2.1728E-04
610721.43	4206477.03	12595.53842	0.00022	0.72419	6.26134E-06	2.2751E-04
610735.43	4206477.03	13860.84453	0.00024	0.70337	6.08133E-06	2.4956E-04
610742.43	4206477.03	14537.73621	0.00026	0.69212	5.98407E-06	2.6135E-04
610749.43	4206477.03	15242.19614	0.00027	0.68031	5.88196E-06	2.7362E-04
610756.43	4206477.03	15978.35623	0.00028	0.66796	5.77518E-06	2.8645E-04
610763.43	4206477.03	16731.36965	0.00029	0.65511	5.66408E-06	2.9956E-04
610770.43	4206477.03	17481.54344	0.00031	0.64180	5.54900E-06	3.1263E-04
610777.43	4206477.03	18197.5237	0.00032	0.62809	5.43046E-06	3.2508E-04
610784.43	4206477.03	18917.55326	0.00033	0.61402	5.30881E-06	3.3761E-04
610791.43	4206477.03	19637.31621	0.00034	0.59969	5.18492E-06	3.5013E-04
610798.43	4206477.03	20352.64146	0.00036	0.58515	5.05920E-06	3.6257E-04
610805.43	4206477.03	21058.82573	0.00037	0.57048	4.93237E-06	3.7485E-04
610812.43	4206477.03	21749.66755	0.00038	0.55573	4.80484E-06	3.8685E-04
610819.43	4206477.03	22421.38204	0.00039	0.54097	4.67722E-06	3.9853E-04
610826.43	4206477.03	23069.17024	0.00041	0.52628	4.55021E-06	4.0978E-04
610833.43	4206477.03	23688.22641	0.00042	0.51168	4.42398E-06	4.2053E-04
610840.43	4206477.03	24274.41147	0.00043	0.49724	4.29913E-06	4.3070E-04
610847.43	4206477.03	24823.34681	0.00044	0.48299	4.17593E-06	4.4022E-04
610854.43	4206477.03	25334.43494	0.00045	0.46900	4.05497E-06	4.4907E-04
610861.43	4206477.03	25802.71689	0.00045	0.45526	3.93618E-06	4.5718E-04
610868.43	4206477.03	26225.93041	0.00046	0.44180	3.81980E-06	4.6459E-04
610875.43	4206477.03	26603.42603	0.00047	0.42863	3.70593E-06	4.7101E-04
610882.43	4206477.03	26934.18623	0.00047	0.41579	3.59492E-06	4.7671E-04
610889.43	4206477.03	27218.25418	0.00048	0.40327	3.48667E-06	4.8160E-04
610910.43	4206477.03	27796.52502	0.00049	0.36774	3.17948E-06	4.9145E-04
610917.43	4206477.03	27902.48951	0.00049	0.35659	3.08308E-06	4.9321E-04
610924.43	4206477.03	27967.68395	0.00049	0.34578	2.98961E-06	4.9426E-04
610931.43	4206477.03	27994.32444	0.00049	0.33532	2.89918E-06	4.9464E-04
610938.43	4206477.03	27984.81195	0.00049	0.32519	2.81159E-06	4.9439E-04
610945.43	4206477.03	27940.7664	0.00049	0.31540	2.72695E-06	4.9353E-04
610952.43	4206477.03	27864.72584	0.00049	0.30593	2.64507E-06	4.9211E-04
610959.43	4206477.03	27758.8196	0.00049	0.29678	2.56596E-06	4.9017E-04
610966.43	4206477.03	27625.26312	0.00049	0.28795	2.48961E-06	4.8775E-04
610973.43	4206477.03	27466.35739	0.00048	0.27942	2.41586E-06	4.8488E-04
610980.43	4206477.03	27283.9111	0.00048	0.27119	2.34471E-06	4.8161E-04
610987.43	4206477.03	27080.21178	0.00048	0.26324	2.27597E-06	4.7798E-04
611008.43	4206477.03	26358.93324	0.00046	0.24104	2.08403E-06	4.6510E-04
611015.43	4206477.03	26087.71669	0.00046	0.23416	2.02455E-06	4.6027E-04
611022.43	4206477.03	25803.70925	0.00045	0.22752	1.96714E-06	4.5523E-04
611029.43	4206477.03	25508.30646	0.00045	0.22111	1.91172E-06	4.4998E-04
611036.43	4206477.03	25203.0027	0.00044	0.21493	1.85828E-06	4.4457E-04
611043.43	4206477.03	24888.87833	0.00044	0.20897	1.80675E-06	4.3900E-04
611050.43	4206477.03	24567.37888	0.00043	0.20322	1.75704E-06	4.3330E-04
611057.43	4206477.03	24239.31668	0.00043	0.19767	1.70905E-06	4.2749E-04
611062.21	4206476.92	24023.29097	0.00042	0.19395	1.67688E-06	4.2366E-04
611078.43	4206477.03	23226.75967	0.00041	0.18216	1.57495E-06	4.0957E-04
611085.43	4206477.03	22882.66305	0.00040	0.17735	1.53337E-06	4.0348E-04
611092.43	4206477.03	22536.45488	0.00040	0.17270	1.49316E-06	3.9736E-04
610294.43	4206484.03	1811.69267	0.00003	0.80151	6.92985E-06	3.8754E-05
610301.43	4206484.03	1848.64357	0.00003	0.80367	6.94853E-06	3.9421E-05
610308.43	4206484.03	1886.99377	0.00003	0.80563	6.96547E-06	4.0112E-05
610315.43	4206484.03	1926.44342	0.00003	0.80740	6.98078E-06	4.0820E-05
610322.43	4206484.03	1967.22396	0.00003	0.80907	6.99522E-06	4.1551E-05
610329.43	4206484.03	2009.49919	0.00004	0.81071	7.00939E-06	4.2308E-05
610336.43	4206484.03	2053.18723	0.00004	0.81228	7.02297E-06	4.3089E-05
610343.43	4206484.03	2099.42488	0.00004	0.81395	7.03741E-06	4.3915E-05
610350.43	4206484.03	2147.05075	0.00004	0.81550	7.05081E-06	4.4765E-05
610357.43	4206484.03	2196.30626	0.00004	0.81695	7.06335E-06	4.5643E-05
610364.43	4206484.03	2247.158	0.00004	0.81830	7.07502E-06	4.6548E-05
610371.43	4206484.03	2299.87196	0.00004	0.81955	7.08583E-06	4.7481E-05
610378.43	4206484.03	2354.17863	0.00004	0.82070	7.09577E-06	4.8449E-05
610385.43	4206484.03	2410.27139	0.00004	0.82174	7.10476E-06	4.9443E-05
610392.43	4206484.03	2468.42995	0.00004	0.82265	7.11263E-06	5.0472E-05
610399.43	4206484.03	2528.31051	0.00004	0.82346	7.11963E-06	5.1531E-05
610406.43	4206484.03	2590.13159	0.00005	0.82415	7.12560E-06	5.2623E-05
610413.43	4206484.03	2654.35794	0.00005	0.82467	7.13009E-06	5.3756E-05
610420.43	4206484.03	2720.61544	0.00005	0.82506	7.13346E-06	5.4923E-05
610427.43	4206484.03	2788.99471	0.00005	0.82533	7.13580E-06	5.6127E-05
610434.43	4206484.03	2859.63229	0.00005	0.82546	7.13692E-06	5.7368E-05
610441.43	4206484.03	2932.47981	0.00005	0.82547	7.13701E-06	5.8648E-05
610448.43	4206484.03	3007.61774	0.00005	0.82536	7.13606E-06	5.9967E-05
610455.43	4206484.03	3085.15046	0.00005	0.82512	7.13398E-06	6.1327E-05
610462.43	4206484.03	3165.11884	0.00006	0.82477	7.13096E-06	6.2729E-05
610469.43	4206484.03	3247.6273	0.00006	0.82429	7.12681E-06	6.4174E-05
610497.43	4206484.03	3606.6142	0.00006	0.82120	7.10009E-06	7.0418E-05
610504.43	4206484.03	3701.41821	0.00007	0.82012	7.09075E-06	7.2109E-05
610511.43	4206484.03	3801.53305	0.00007	0.81891	7.08029E-06	7.3857E-05
610518.43	4206484.03	3905.37411	0.00007	0.81757	7.06871E-06	7.5669E-05
610525.43	4206484.03	4013.29297	0.00007	0.81610	7.05600E-06	7.7552E-05
610532.43	4206484.03	4125.73695	0.00007	0.81448	7.04199E-06	7.9514E-05
610539.43	4206484.03	4243.19096	0.00007	0.81273	7.02686E-06	8.1562E-05
610546.43	4206484.03	4366.41863	0.00008	0.81083	7.01043E-06	8.3710E-05
610553.43	4206484.03	4496.10891	0.00008	0.80877	6.99262E-06	8.5970E-05
610560.43	4206484.03	4633.3572	0.00008	0.80654	6.97334E-06	8.8362E-05
610567.43	4206484.03	4779.16893	0.00008	0.80415	6.95268E-06	9.0902E-05
610574.43	4206484.03	4934.17737	0.00009	0.80161	6.93072E-06	9.3603E-05
610581.43	4206484.03	5099.7479	0.00009	0.79891	6.90737E-06	9.6488E-05
610588.43	4206484.03	5277.21607	0.00009	0.79605	6.88264E-06	9.9581E-05
610595.43	4206484.03	5466.92997	0.00010	0.79301	6.85636E-06	1.0289E-04
610602.43	4206484.03	5670.12087	0.00010	0.78980	6.82861E-06	1.0643E-04
610609.43	4206484.03	5887.47383	0.00010	0.78638	6.79904E-06	1.1022E-04
610616.43	4206484.03	6119.91615	0.00011	0.78276	6.76774E-06	1.1427E-04
610623.43	4206484.03	6367.13473	0.00011	0.77891	6.73445E-06	1.1858E-04
610630.43	4206484.03	6631.09053	0.00012	0.77482	6.69909E-06	1.2318E-04
610637.43	4206484.03	6913.46145	0.00012	0.77056	6.66226E-06	1.2810E-04
610644.43	4206484.03	7212.74143	0.00013	0.76602	6.62301E-06	1.3332E-04
610651.43	4206484.03	7527.66736	0.00013	0.76119	6.58125E-06	1.3881E-04
610658.43	4206484.03	7860.15988	0.00014	0.75606	6.53689E-06	1.4461E-04
610665.43	4206484.03	8208.95048	0.00014	0.75060	6.48968E-06	1.5069E-04
610672.43	4206484.03	8576.9748	0.00015	0.74479	6.43945E-06	1.5710E-04
610679.43	4206484.03	8962.93799	0.00016	0.73860	6.38593E-06	1.6383E-04
610686.43	4206484.03	9370.72678	0.00016	0.73202	6.32904E-06	1.7093E-04
610693.43	4206484.03	9798.8483	0.00017	0.72511	6.26930E-06	1.7839E-04
610700.43	4206484.03	10252.29805	0.00018	0.71783	6.20635E-06	1.8630E-04
610707.43	4206484.03	10725.958	0.00019	0.71017	6.14013E-06	1.9455E-04
610714.43	4206484.03	11224.68013	0.00020	0.70210	6.07035E-06	2.0324E-04
610721.43	4206484.03	11752.38104	0.00021	0.69360	5.99686E-06	2.1244E-04
610735.43	4206484.03	12880.96991	0.00023	0.67520	5.83778E-06	2.3219E-04
610742.43	4206484.03	13488.94899	0.00024	0.66526	5.75183E-06	2.4270E-04
610749.43	4206484.03	14117.52496	0.00025	0.65484	5.66174E-06	2.5365E-04
610756.43	4206484.03	14769.53617	0.00026	0.64393	5.56742E-06	2.6501E-04
610763.43	4206484.03	15449.17241	0.00027	0.63254	5.46894E-06	2.7684E-04
610770.43	4206484.03	16121.86545	0.00028	0.62073	5.36683E-06	2.8856E-04
610777.43	4206484.03	16772.45344	0.00029	0.60852	5.26126E-06	2.9988E-04
610784.43	4206484.03	17429.68526	0.00031	0.59595	5.15258E-06	3.1132E-04
610791.43	4206484.03	18089.94941	0.00032	0.58308	5.04131E-06	3.2280E-04
610798.43	4206484.03	18749.83368	0.00033	0.56998	4.92804E-06	3.3428E-04
610805.43	4206484.03	19405.10692	0.00034	0.55669	4.81314E-06	3.4568E-04
610812.43	4206484.03	20050.81513	0.00035	0.54328	4.69720E-06	3.5698E-04
610819.43	4206484.03	20683.2481	0.00036	0.52981	4.58073E-06	3.6790E-04
610826.43	4206484.03	21298.23887	0.00037	0.51632	4.46410E-06	3.7858E-04
610833.43	4206484.03	21891.20394	0.00038	0.50287	4.34781E-06	3.8888E-04
610840.43	4206484.03	22458.5069	0.00039	0.48951	4.23230E-06	3.9873E-04
610847.43	4206484.03	22995.85384	0.00040	0.47627	4.11783E-06	4.0806E-04
610854.43	4206484.03	23501.71094	0.00041	0.46321	4.00491E-06	4.1683E-04
610861.43	4206484.03	23971.9079	0.00042	0.45034	3.89364E-06	4.2498E-04
610868.43	4206484.03	24403.98387	0.00043	0.43768	3.78418E-06	4.3246E-04
610875.43	4206484.03	24796.07777	0.00044	0.42526	3.67680E-06	4.3924E-04
610882.43	4206484.03	25147.27993	0.00044	0.41309	3.57157E-06	4.4530E-04
610889.43	4206484.03	25457.00231	0.00045	0.40120	3.46877E-06	4.5064E-04
610910.43	4206484.03	26137.86351	0.00046	0.36723	3.17507E-06	4.6231E-04

610917.43	4206484.03	26284.37575	0.00046	0.35650	3.0823OE-06	4.6479E-04
610924.43	4206484.03	26392.70638	0.00046	0.34608	2.99221E-06	4.6660E-04
610931.43	4206484.03	26464.4116	0.00046	0.33595	2.90462E-06	4.6777E-04
610938.43	4206484.03	26501.05985	0.00047	0.32614	2.81980E-06	4.6833E-04
610945.43	4206484.03	26504.55773	0.00047	0.31662	2.73749E-06	4.6831E-04
610952.43	4206484.03	26476.70042	0.00047	0.30739	2.65769E-06	4.6774E-04
610959.43	4206484.03	26419.31757	0.00046	0.29846	2.58048E-06	4.6666E-04
610966.43	4206484.03	26334.38259	0.00046	0.28982	2.50578E-06	4.6509E-04
610973.43	4206484.03	26223.84459	0.00046	0.28146	2.43350E-06	4.6307E-04
610980.43	4206484.03	26089.4174	0.00046	0.27337	2.36356E-06	4.6064E-04
610987.43	4206484.03	25932.91284	0.00046	0.26555	2.29594E-06	4.5783E-04
611008.43	4206484.03	25348.90075	0.00045	0.24363	2.10642E-06	4.4738E-04
611015.43	4206484.03	25121.41136	0.00044	0.23681	2.04746E-06	4.4332E-04
611022.43	4206484.03	24880.01094	0.00044	0.23022	1.99048E-06	4.3903E-04
611029.43	4206484.03	24626.19071	0.00043	0.22386	1.93549E-06	4.3451E-04
611036.43	4206484.03	24361.02536	0.00043	0.21771	1.88232E-06	4.2980E-04
611043.43	4206484.03	24086.14596	0.00042	0.21177	1.83096E-06	4.2492E-04
611050.43	4206484.03	23802.27908	0.00042	0.20604	1.78142E-06	4.1989E-04
611057.43	4206484.03	23510.79056	0.00041	0.20050	1.73352E-06	4.1472E-04
611062.21	4206483.92	23319.03541	0.00041	0.19678	1.70136E-06	4.1132E-04
611078.43	4206484.03	22690.25639	0.00040	0.18498	1.59934E-06	3.9859E-04
611085.43	4206484.03	22287.52722	0.00039	0.18015	1.55758E-06	3.9305E-04
611092.43	4206484.03	21971.80307	0.00039	0.17549	1.51729E-06	3.8747E-04
610294.43	4206491.03	1770.77735	0.00003	0.75892	6.56162E-06	3.7667E-05
610301.43	4206491.03	1806.58694	0.00003	0.76116	6.58099E-06	3.8315E-05
610308.43	4206491.03	1843.54029	0.00003	0.76320	6.59862E-06	3.8982E-05
610315.43	4206491.03	1881.8494	0.00003	0.76507	6.61479E-06	3.9671E-05
610322.43	4206491.03	1921.28792	0.00003	0.76677	6.62949E-06	4.0378E-05
610329.43	4206491.03	1962.01256	0.00003	0.76839	6.64350E-06	4.1108E-05
610336.43	4206491.03	2004.3372	0.00004	0.76998	6.65724E-06	4.1865E-05
610343.43	4206491.03	2048.72464	0.00004	0.77161	6.67134E-06	4.2659E-05
610350.43	4206491.03	2094.7132	0.00004	0.77316	6.68474E-06	4.3480E-05
610357.43	4206491.03	2142.01421	0.00004	0.77461	6.69727E-06	4.4323E-05
610364.43	4206491.03	2191.03183	0.00004	0.77597	6.70903E-06	4.5196E-05
610371.43	4206491.03	2241.63341	0.00004	0.77723	6.71993E-06	4.6096E-05
610378.43	4206491.03	2293.69786	0.00004	0.77839	6.72996E-06	4.7026E-05
610385.43	4206491.03	2347.65556	0.00004	0.77946	6.73921E-06	4.7977E-05
610392.43	4206491.03	2403.14585	0.00004	0.78045	6.74777E-06	4.8961E-05
610399.43	4206491.03	2460.59014	0.00004	0.78131	6.75520E-06	4.9977E-05
610406.43	4206491.03	2519.88541	0.00004	0.78206	6.76169E-06	5.1025E-05
610413.43	4206491.03	2581.16053	0.00005	0.78268	6.76705E-06	5.2107E-05
610420.43	4206491.03	2644.49761	0.00005	0.78316	6.77120E-06	5.3224E-05
610427.43	4206491.03	2709.81946	0.00005	0.78351	6.77422E-06	5.4374E-05
610434.43	4206491.03	2777.15929	0.00005	0.78374	6.77621E-06	5.5559E-05
610441.43	4206491.03	2846.52615	0.00005	0.78385	6.77716E-06	5.6778E-05
610448.43	4206491.03	2917.99616	0.00005	0.78383	6.77699E-06	5.8034E-05
610455.43	4206491.03	2991.64837	0.00005	0.78370	6.77587E-06	5.9326E-05
610462.43	4206491.03	3067.49259	0.00005	0.78345	6.77370E-06	6.0656E-05
610469.43	4206491.03	3145.6085	0.00006	0.78308	6.77051E-06	6.2025E-05
610497.43	4206491.03	3482.67531	0.00006	0.78043	6.74759E-06	6.7923E-05
610504.43	4206491.03	3573.76649	0.00006	0.77947	6.73929E-06	6.9515E-05
610511.43	4206491.03	3667.92026	0.00006	0.77839	6.72996E-06	7.1160E-05
610518.43	4206491.03	3765.50035	0.00007	0.77718	6.71949E-06	7.2863E-05
610525.43	4206491.03	3866.84502	0.00007	0.77584	6.70791E-06	7.4632E-05
610532.43	4206491.03	3972.40995	0.00007	0.77438	6.69529E-06	7.6474E-05
610539.43	4206491.03	4082.67624	0.00007	0.77278	6.68145E-06	7.8397E-05
610546.43	4206491.03	4198.36523	0.00007	0.77104	6.66641E-06	8.0414E-05
610553.43	4206491.03	4320.12544	0.00008	0.76916	6.65015E-06	8.2536E-05
610560.43	4206491.03	4449.04945	0.00008	0.76711	6.63243E-06	8.4783E-05
610567.43	4206491.03	4585.82458	0.00008	0.76491	6.61341E-06	8.7167E-05
610574.43	4206491.03	4731.39249	0.00008	0.76258	6.59326E-06	8.9704E-05
610581.43	4206491.03	4886.82844	0.00009	0.76011	6.57191E-06	9.2413E-05
610588.43	4206491.03	5053.10509	0.00009	0.75750	6.54934E-06	9.5311E-05
610595.43	4206491.03	5230.98314	0.00009	0.75473	6.52539E-06	9.8411E-05
610602.43	4206491.03	5421.21508	0.00010	0.75180	6.50006E-06	1.0173E-04
610609.43	4206491.03	5624.45723	0.00010	0.74870	6.47326E-06	1.0527E-04
610616.43	4206491.03	5841.22102	0.00010	0.74540	6.44472E-06	1.0905E-04
610623.43	4206491.03	6071.74938	0.00011	0.74191	6.41455E-06	1.1307E-04
610630.43	4206491.03	6317.72173	0.00011	0.73822	6.38265E-06	1.1736E-04
610637.43	4206491.03	6579.93442	0.00012	0.73431	6.34884E-06	1.2193E-04
610644.43	4206491.03	6857.30996	0.00012	0.73017	6.31305E-06	1.2677E-04
610651.43	4206491.03	7148.78677	0.00013	0.72577	6.27500E-06	1.3185E-04
610658.43	4206491.03	7455.92111	0.00013	0.72110	6.23463E-06	1.3720E-04
610665.43	4206491.03	7777.45955	0.00014	0.71612	6.19157E-06	1.4281E-04
610672.43	4206491.03	8114.7067	0.00014	0.71084	6.14592E-06	1.4869E-04
610679.43	4206491.03	8469.77757	0.00015	0.70522	6.09733E-06	1.5488E-04
610686.43	4206491.03	8841.15251	0.00016	0.69932	6.04632E-06	1.6135E-04
610693.43	4206491.03	9232.90015	0.00016	0.69310	5.99254E-06	1.6818E-04
610700.43	4206491.03	9643.07318	0.00017	0.68658	5.93617E-06	1.7532E-04
610707.43	4206491.03	10072.36341	0.00018	0.67974	5.87703E-06	1.8280E-04
610714.43	4206491.03	10523.16255	0.00018	0.67255	5.81488E-06	1.9066E-04
610721.43	4206491.03	10993.56209	0.00019	0.66499	5.74950E-06	1.9886E-04
610735.43	4206491.03	12006.12707	0.00021	0.64865	5.60822E-06	2.1659E-04
610742.43	4206491.03	12549.25397	0.00022	0.63985	5.53214E-06	2.2597E-04
610749.43	4206491.03	13115.37659	0.00023	0.63061	5.45225E-06	2.3583E-04
610756.43	4206491.03	13698.50515	0.00024	0.62094	5.36864E-06	2.4599E-04
610763.43	4206491.03	14307.15815	0.00025	0.61083	5.28123E-06	2.5660E-04
610770.43	4206491.03	14910.60339	0.00026	0.60032	5.19036E-06	2.6711E-04
610777.43	4206491.03	15501.79121	0.00027	0.58943	5.09621E-06	2.7740E-04
610784.43	4206491.03	16101.2254	0.00028	0.57818	4.99894E-06	2.8783E-04
610791.43	4206491.03	16706.11623	0.00029	0.56663	4.89908E-06	2.9835E-04
610798.43	4206491.03	17313.63422	0.00030	0.55482	4.79697E-06	3.0892E-04
610805.43	4206491.03	17920.30421	0.00031	0.54280	4.69305E-06	3.1948E-04
610812.43	4206491.03	18521.72191	0.00033	0.53062	4.58774E-06	3.2994E-04
610819.43	4206491.03	19114.70176	0.00034	0.51833	4.48148E-06	3.4025E-04
610826.43	4206491.03	19695.65007	0.00035	0.50598	4.37470E-06	3.5034E-04
610833.43	4206491.03	20260.17956	0.00036	0.49361	4.26775E-06	3.6015E-04
610840.43	4206491.03	20804.72653	0.00037	0.48127	4.16106E-06	3.6961E-04
610847.43	4206491.03	21326.02093	0.00037	0.46899	4.05489E-06	3.7866E-04
610854.43	4206491.03	21821.62053	0.00038	0.45683	3.94975E-06	3.8726E-04
610861.43	4206491.03	22287.66576	0.00039	0.44481	3.84583E-06	3.9535E-04
610868.43	4206491.03	22721.46613	0.00040	0.43293	3.74311E-06	4.0286E-04
610875.43	4206491.03	23121.16335	0.00041	0.42124	3.64204E-06	4.0978E-04
610882.43	4206491.03	23485.33717	0.00041	0.40975	3.54270E-06	4.1608E-04
610889.43	4206491.03	23812.80347	0.00042	0.39848	3.44526E-06	4.2173E-04
610910.43	4206491.03	24572.39311	0.00043	0.36609	3.16521E-06	4.3480E-04
610917.43	4206491.03	24751.9554	0.00043	0.35580	3.07625E-06	4.3786E-04
610924.43	4206491.03	24896.04618	0.00044	0.34578	2.98961E-06	4.4031E-04
610931.43	4206491.03	25005.6154	0.00044	0.33602	2.90523E-06	4.4215E-04
610938.43	4206491.03	25082.04832	0.00044	0.32653	2.82318E-06	4.4341E-04
610945.43	4206491.03	25126.58871	0.00044	0.31731	2.74346E-06	4.4411E-04
610952.43	4206491.03	25140.70237	0.00044	0.30835	2.66599E-06	4.4428E-04
610959.43	4206491.03	25126.03963	0.00044	0.29966	2.59088E-06	4.4395E-04
610966.43	4206491.03	25084.26778	0.00044	0.29123	2.51797E-06	4.4314E-04
610973.43	4206491.03	25016.88251	0.00044	0.28305	2.44725E-06	4.4189E-04
610980.43	4206491.03	24925.81601	0.00044	0.27513	2.37877E-06	4.4022E-04
610987.43	4206491.03	24812.39214	0.00044	0.26746	2.31246E-06	4.3816E-04
611008.43	4206491.03	24354.56891	0.00043	0.24587	2.12579E-06	4.2993E-04
611015.43	4206491.03	24167.76122	0.00042	0.23914	2.06768E-06	4.2659E-04
611022.43	4206491.03	23966.16702	0.00042	0.23262	2.01123E-06	4.2299E-04
611029.43	4206491.03	23751.17184	0.00042	0.22631	1.95668E-06	4.1916E-04
611036.43	4206491.03	23523.97835	0.00041	0.22021	1.90393E-06	4.1512E-04
611043.43	4206491.03	23285.86009	0.00041	0.21431	1.85292E-06	4.1089E-04
611050.43	4206491.03	23037.88255	0.00040	0.20861	1.80364E-06	4.0648E-04
611057.43	4206491.03	22781.18341	0.00040	0.20309	1.75592E-06	4.0192E-04
611062.21	4206490.92	22612.46898	0.00040	0.19939	1.72392E-06	3.9893E-04
611078.43	4206491.03	21968.28173	0.00039	0.18760	1.62199E-06	3.8751E-04
611085.43	4206491.03	21686.15215	0.00038	0.18277	1.58023E-06	3.8251E-04
611092.43	4206491.03	21399.60246	0.00038	0.17810	1.53985E-06	3.7744E-04
610294.43	4206498.03	1731.36252	0.00003	0.71953	6.22105E-06	3.6634E-05
610301.43	4206498.03	1766.05078	0.00003	0.72181	6.240775-06	3.7263E-05
610308.43	4206498.03	1801.96545	0.00003	0.72391	6.25892E-06	3.7912E-05
610315.43	4206498.03	1838.92223	0.00003	0.72586	6.27578E-06	3.857BE-05
610322.43	4206498.03	1877.06812	0.00003	0.72762	6.29100E-06	3.926 3E-05
610329.43	4206498.03	1916.57722	0.00003	0.72928	6.30535E-06	3.9971E-05
610336.43	4206498.03	1957.39201	0.00003	0.73086	6.31901E-06	4.0702E-05
610343.43	4206498.03	2000.26581	0.00004	0.73249	6.33310E-06	4.1469E-05
610350.43	4206498.03	2044.49028	0.00004	0.73402	6.34633E-06	4.2259E-05
610357.43	4206498.03	2090.16326	0.00004	0.73546	6.35878E-06	4.3074E-05
610364.43	4206498.03	2137.11512	0.00004	0.73683	6.37063E-06	4.3911E-05
610371.43	4206498.03	2185.71359	0.00004	0.73811	6.38170E-06	4.4775E-05
610378.43	4206498.03	2235.85862	0.00004	0.73930	6.39198E-06	4.5666E-05
610385.43	4206498.03	2287.54432	0.00004	0.74040	6.40149E-06	4.6584E-05
610392.43	4206498.03	2340.88606	0.00004	0.74141	6.41023E-06	4.7530E-05
610399.43	4206498.03	2395.86049	0.00004	0.74234	6.41827E-06	4.8503E-05
610406.43	4206498.03	2452.54259	0.00004	0.74315	6.42527E-06	4.9506E-05
610413.43	4206498.03	2511.18474	0.00004	0.74384	6.43124E-06	5.0542E-05
610420.43	4206498.03	2571.79202	0.00005	0.74440	6.43608E-06	5.1611E-05
610427.43	4206498.03	2634.15127	0.00005	0.74483	6.43980E-06	5.2711E-05
610434.43	4206498.03	2698.34629	0.00005	0.74515	6.44256E-06	5.3841E-05
610441.43	4206498.03	2764.46231	0.00005	0.74535	6.44429E-06	5.5004E-05
610448.43	4206498.03	2832.4453	0.00005	0.74543	6.44498E-06	5.6199E-05
610455.43	4206498.03	2902.40749	0.00005	0.74539	6.44464E-06	5.7428E-05
610462.43	4206498.03	2974.35326	0.00005	0.74524	6.44334E-06	5.8690E-05
610469.43	4206498.03	3048.34784	0.00005	0.74498	6.44109E-06	5.9988E-05
610497.43	4206498.03	3366.6977	0.00006	0.74276	6.42190E-06	6.5560E-05
610504.43	4206498.03	3452.44531	0.00006	0.74192	6.41464E-06	6.7059E-05
610511.43	4206498.03	3541.10066	0.00006	0.74096	6.40634E-06	6.8608E-05
610518.43	4206498.03	3632.87004	0.00006	0.73988	6.39700E-06	7.0211E-05
610525.43	4206498.03	3728.16612	0.00007	0.73868	6.38662E-06	7.1875E-05
610532.43	4206498.03	3827.42202	0.00007	0.73735	6.37512E-06	7.3607E-05
610539.43	4206498.03	3931.10213	0.00007	0.73590	6.36259E-06	7.5415E-05
610546.43	4206498.03	4038.7497	0.00007	0.73433	6.34901E-06	7.7310E-05
610553.43	4206498.03	4154.14507	0.00007	0.73262	6.33423E-06	7.9305E-05
610560.43	4206498.03	4275.34813	0.00008	0.73074	6.31797E-06	8.1418E-05
610567.43	4206498.03	4404.0596	0.00008	0.72871	6.30042E-06	8.3661E-05
610574.43	4206498.03	4541.05044	0.00008	0.72657	6.28192E-06	8.6045E-05
610581.43	4206498.03	4687.25434	0.00008	0.72431	6.26238E-06	8.8597E-05
610588.43	4206498.03	4843.50054	0.00009	0.72192	6.24172E-06	9.1321E-05
610595.43	4206498.03	5010.2582	0.00009	0.71939	6.21984E-06	9.4229E-05
610602.43	4206498.03	5188.77877	0.00009	0.71672	6.19676E-06	9.7341E-05
610609.43	4206498.03	5379.28665	0.00009	0.71389	6.17229E-06	1.0066E-04
610616.43	4206498.03	5581.85205	0.00010	0.71091	6.14652E-06	1.0420E-04
610623.43	4206498.03	5797.41802	0.00010	0.70773	6.11903E-06	1.0795E-04
610630.43	4206498.03	6026.5667	0.00011	0.70436	6.08989E-06	1.1195E-04
610637.43	4206498.03	6271.09201	0.00011	0.70079	6.05903E-06	1.1622E-04
610644.43	4206498.03	6528.39268	0.00011	0.69700	6.02626E-06	1.2078E-04
610651.43	4206498.03	6799.55293	0.00012	0.69298	5.99150E-06	1.2543E-04
610658.43	4206498.03	7083.29217	0.00012	0.68871	5.95458E-06	1.3038E-04
610665.43	4206498.03	7381.35062	0.00013	0.68418	5.91542E-06	1.3557E-04
610672.43	4206498.03	7692.38611	0.00014	0.67936	5.87374E-06	1.4100E-04
610679.43	4206498.03	8018.99603	0.00014	0.67429	5.82991E-06	1.4669E-04
610686.43	4206498.03	8359.73163	0.00015	0.66896	5.78382E-06	1.5263E-04
610693.43	4206498.03	8718.20466	0.00015	0.66337	5.73549E-06	1.5888E-04
610700.43	4206498.03	9092.43221	0.00016	0.65751	5.68483E-06	1.6540E-04
610707.43	4206498.03	9480.81066	0.00017	0.65137	5.63174E-06	1.7217E-04
610714.43	4206498.03	9887.57915	0.00017	0.64493	5.57606E-06	1.7926E-04
610721.43	4206498.03	10313.36188	0.00018	0.63818	5.51770E-06	1.8668E-04
610735.43	4206498.03	11225.20803	0.00020	0.62362	5.39182E-06	2.0257E-04
610742.43	4206498.03	11708.05499	0.00021	0.61580	5.33420E-06	2.1098E-04
610749.43	4206498.03	12214.68394	0.00021	0.60758	5.25313E-06	2.1981E-04
610756.43	4206498.03	12741.2876	0.00022	0.59897	5.17869E-06	2.2899E-04
610763.43	4206498.03	13286.99006	0.00023	0.58998	5.10096E-06	2.3850E-04
610770.43	4206498.03	13828.45291	0.00024	0.58061	5.01995E-06	2.4793E-04
610777.43	4206498.03	14365.5825	0.00025	0.57088	4.93583E-06	2.572BE-04
610784.43	4206498.03	14912.15093	0.00026	0.56081	4.84876E-06	2.6679E-04

610791.43	4206498.03	15465.92332	0.00027	0.55043	4.75902E-06	2.7643E-04
610798.43	4206498.03	16024.3931	0.00028	0.53979	4.66702E-06	2.8615E-04
610805.43	4206498.03	16584.90977	0.00029	0.52891	4.57295E-06	2.9598E-04
610812.43	4206498.03	17143.63566	0.00030	0.51786	4.47742E-06	3.0562E-04
610819.43	4206498.03	17697.76855	0.00031	0.50666	4.38058E-06	3.1525E-04
610826.43	4206498.03	18244.02001	0.00032	0.49535	4.28279E-06	3.2475E-04
610833.43	4206498.03	18778.8976	0.00033	0.48400	4.18466E-06	3.3405E-04
610840.43	4206498.03	19298.80003	0.00034	0.47261	4.08618E-06	3.4308E-04
610847.43	4206498.03	19800.44236	0.00035	0.46125	3.98797E-06	3.5188E-04
610854.43	4206498.03	20281.87377	0.00036	0.44996	3.89035E-06	3.6016E-04
610861.43	4206498.03	20738.92042	0.00036	0.43874	3.79334E-06	3.6809E-04
610868.43	4206498.03	21169.23283	0.00037	0.42763	3.69728E-06	3.7555E-04
610875.43	4206498.03	21570.53623	0.00038	0.41666	3.60244E-06	3.8250E-04
610882.43	4206498.03	21941.43769	0.00039	0.40583	3.50880E-06	3.8893E-04
610889.43	4206498.03	22280.43031	0.00039	0.39518	3.41672E-06	3.9479E-04
610910.43	4206498.03	23098.25705	0.00041	0.36438	3.15043E-06	4.0889E-04
610917.43	4206498.03	23304.20757	0.00041	0.35454	3.06535E-06	4.1242E-04
610924.43	4206498.03	23477.2851	0.00041	0.34493	2.98226E-06	4.1538E-04
610931.43	4206498.03	23618.39842	0.00041	0.33555	2.90116E-06	4.177BE-04
610938.43	4206498.03	23728.09484	0.00042	0.32641	2.82214E-06	4.196ZE-04
610945.43	4206498.03	23807.65907	0.00042	0.31750	2.74510E-06	4.2094E-04
610952.43	4206498.03	23858.06392	0.00042	0.30882	2.67006E-06	4.2175E-04
610959.43	4206498.03	23880.79156	0.00042	0.30038	2.59708E-06	4.220BE-04
610966.43	4206498.03	23877.01082	0.00042	0.29218	2.52619E-06	4.2194E-04
610973.43	4206498.03	23848.29463	0.00042	0.28422	2.45736E-06	4.2137E-04
610980.43	4206498.03	23795.85415	0.00042	0.27648	2.39044E-06	4.2038E-04
610987.43	4206498.03	23721.49192	0.00042	0.26897	2.32551E-06	4.1901E-04
611008.43	4206498.03	23378.82899	0.00041	0.24777	2.14222E-06	4.1281E-04
611015.43	4206498.03	23229.51849	0.00041	0.24114	2.08490E-06	4.1013E-04
611022.43	4206498.03	23064.88801	0.00041	0.23470	2.02922E-06	4.0718E-04
611029.43	4206498.03	22886.09217	0.00040	0.22847	1.97535E-06	4.0399E-04
611036.43	4206498.03	22694.48459	0.00040	0.22244	1.92322E-06	4.0057E-04
611043.43	4206498.03	22490.97411	0.00040	0.21659	1.87264E-06	3.969 4E-04
611050.43	4206498.03	22276.93147	0.00039	0.21093	1.82370E-06	3.9313E-04
611057.43	4206498.03	22053.14985	0.00039	0.20545	1.77632E-06	3.8916E-04
611062.21	4206497.92	21906.3403	0.00038	0.20177	1.74450E-06	3.8655E-04
611078.43	4206498.03	21333.57186	0.00037	0.19002	1.64291E-06	3.7638E-04
611085.43	4206498.03	21080.53429	0.00037	0.18520	1.60124E-06	3.719 0E-04
611092.43	4206498.03	20822.24385	0.00037	0.18054	1.56095E-06	3.6732E-04
610294.43	4206505.03	1693.49487	0.00003	0.68301	5.90530E-06	3.5653E-05
610301.43	4206505.03	1727.22758	0.00003	0.68527	5.92484E-06	3.6265E-05
610308.43	4206505.03	1761.91502	0.00003	0.68744	5.94360E-06	3.6893E-05
610315.43	4206505.03	1797.69362	0.00003	0.68944	5.96089E-06	3.7539E-05
610322.43	4206505.03	1834.76696	0.00003	0.69129	5.97689E-06	3.820 6E-05
610329.43	4206505.03	1872.88142	0.00003	0.69297	5.99142E-06	3.8890E-05
610336.43	4206505.03	1912.43285	0.00003	0.69459	6.00542E-06	3.9599E-05
610343.43	4206505.03	1953.75984	0.00003	0.69619	6.01926E-06	4.0338E-05
610350.43	4206505.03	1996.35858	0.00004	0.69772	6.03248E-06	4.1100E-05
610357.43	4206505.03	2040.30209	0.00004	0.69918	6.04511E-06	4.1885E-05
610364.43	4206505.03	2085.57962	0.00004	0.70054	6.05687E-06	4.2692E-05
610371.43	4206505.03	2132.28191	0.00004	0.70183	6.06802E-06	4.3523E-05
610378.43	4206505.03	2180.40227	0.00004	0.70305	6.07857E-06	4.4379E-05
610385.43	4206505.03	2230.01267	0.00004	0.70417	6.08825E-06	4.5260E-05
610392.43	4206505.03	2281.1317	0.00004	0.70522	6.09733E-06	4.6167E-05
610399.43	4206505.03	2333.89174	0.00004	0.70618	6.10563E-06	4.7102E-05
610406.43	4206505.03	2388.08558	0.00004	0.70706	6.11324E-06	4.8062E-05
610413.43	4206505.03	2444.28575	0.00004	0.70781	6.11972E-06	4.9055E-05
610420.43	4206505.03	2502.1762	0.00004	0.70844	6.12517E-06	5.0078E-05
610427.43	4206505.03	2561.78415	0.00004	0.70895	6.12958E-06	5.1129E-05
610434.43	4206505.03	2623.03136	0.00005	0.70935	6.13304E-06	5.2209E-05
610441.43	4206505.03	2685.98682	0.00005	0.70963	6.13546E-06	5.3317E-05
610448.43	4206505.03	2750.67029	0.00005	0.70980	6.13693E-06	5.4454E-05
610455.43	4206505.03	2817.12924	0.00005	0.70986	6.13745E-06	5.5622E-05
610462.43	4206505.03	2885.40261	0.00005	0.70981	6.13701E-06	5.6821E-05
610469.43	4206505.03	2955.52578	0.00005	0.70964	6.13554E-06	5.8052E-05
610487.43	4206505.03	3256.20805	0.00006	0.70785	6.12007E-06	6.3318E-05
610504.43	4206505.03	3337.07812	0.00006	0.70712	6.11376E-06	6.4732E-05
610511.43	4206505.03	3420.54824	0.00006	0.70628	6.10649E-06	6.6191E-05
610518.43	4206505.03	3506.99037	0.00006	0.70533	6.09828E-06	6.7701E-05
610525.43	4206505.03	3596.70407	0.00006	0.70426	6.08903E-06	6.926 8E-05
610532.43	4206505.03	3690.06517	0.00006	0.70307	6.07874E-06	7.0897E-05
610539.43	4206505.03	3787.63766	0.00007	0.70176	6.06741E-06	7.2600E-05
610546.43	4206505.03	3889.92595	0.00007	0.70034	6.05514E-06	7.4385E-05
610553.43	4206505.03	3997.58069	0.00007	0.69879	6.04173E-06	7.6262E-05
610560.43	4206505.03	4111.78216	0.00007	0.69706	6.02678E-06	7.8253E-05
610567.43	4206505.03	4233.13739	0.00007	0.69520	6.01070E-06	8.0369E-05
610574.43	4206505.03	4362.06184	0.00008	0.69325	5.99384E-06	8.2617E-05
610581.43	4206505.03	4499.76782	0.00008	0.69117	5.97585E-06	8.5018E-05
610588.43	4206505.03	4646.70194	0.00008	0.68898	5.95692E-06	8.7588E-05
610595.43	4206505.03	4803.87909	0.00008	0.68667	5.93695E-06	9.0324E-05
610602.43	4206505.03	4971.45733	0.00009	0.68423	5.91585E-06	9.3243E-05
610609.43	4206505.03	5150.04241	0.00009	0.68166	5.89363E-06	9.6358E-05
610616.43	4206505.03	5340.37498	0.00009	0.67892	5.86994E-06	9.9678E-05
610623.43	4206505.03	5541.97328	0.00010	0.67604	5.84504E-06	1.0319E-04
610630.43	4206505.03	5756.51814	0.00010	0.67297	5.81850E-06	1.0694E-04
610637.43	4206505.03	5984.69934	0.00011	0.66969	5.79014E-06	1.1092E-04
610644.43	4206505.03	6224.50766	0.00011	0.66622	5.76013E-06	1.1513E-04
610651.43	4206505.03	6476.11349	0.00011	0.66255	5.72840E-06	1.1949E-04
610658.43	4206505.03	6740.32086	0.00012	0.65864	5.69460E-06	1.2409E-04
610665.43	4206505.03	7015.74098	0.00012	0.65450	5.65880E-06	1.2890E-04
610672.43	4206505.03	7304.33234	0.00013	0.65013	5.62102E-06	1.3393E-04
610679.43	4206505.03	7604.63226	0.00013	0.64554	5.58134E-06	1.3916E-04
610686.43	4206505.03	7919.29077	0.00014	0.64072	5.53966E-06	1.4465E-04
610693.43	4206505.03	8246.82317	0.00014	0.63567	5.49600E-06	1.5036E-04
610700.43	4206505.03	8590.99061	0.00015	0.63038	5.45026E-06	1.5636E-04
610707.43	4206505.03	8943.60373	0.00016	0.62486	5.40254E-06	1.6250E-04
610714.43	4206505.03	9311.69162	0.00016	0.61908	5.35256E-06	1.6892E-04
610721.43	4206505.03	9695.89353	0.00017	0.61303	5.30025E-06	1.7562E-04
610735.43	4206505.03	10518.83273	0.00018	0.60001	5.18768E-06	1.8996E-04
610742.43	4206505.03	10955.60507	0.00019	0.59302	5.12725E-06	1.9757E-04
610749.43	4206505.03	11410.26327	0.00020	0.58569	5.06387E-06	2.0548E-04
610756.43	4206505.03	11882.70321	0.00021	0.57801	4.99747E-06	2.1373E-04
610763.43	4206505.03	12377.12254	0.00022	0.56999	4.92813E-06	2.2234E-04
610770.43	4206505.03	12858.74854	0.00023	0.56162	4.85576E-06	2.3073E-04
610777.43	4206505.03	13346.99637	0.00023	0.55291	4.78046E-06	2.3923E-04
610784.43	4206505.03	13845.26362	0.00024	0.54388	4.70238E-06	2.4790E-04
610791.43	4206505.03	14351.88623	0.00025	0.53455	4.62172E-06	2.5672E-04
610798.43	4206505.03	14864.82746	0.00026	0.52495	4.53872E-06	2.6565E-04
610805.43	4206505.03	15381.85957	0.00027	0.51511	4.45364E-06	2.7465E-04
610812.43	4206505.03	15899.77625	0.00028	0.50508	4.36692E-06	2.836 6E-04
610819.43	4206505.03	16416.2569	0.00029	0.49488	4.27873E-06	2.926 4E-04
610826.43	4206505.03	16928.33126	0.00030	0.48455	4.18942E-06	3.0155E-04
610833.43	4206505.03	17432.81708	0.00031	0.47413	4.09933E-06	3.1032E-04
610840.43	4206505.03	17926.55237	0.00031	0.46365	4.00872E-06	3.1890E-04
610847.43	4206505.03	18406.67958	0.00032	0.45315	3.91793E-06	3.2724E-04
610854.43	4206505.03	18870.79934	0.00033	0.44267	3.82732E-06	3.3531E-04
610861.43	4206505.03	19315.39761	0.00034	0.43224	3.73714E-06	3.4303E-04
610868.43	4206505.03	19737.94899	0.00035	0.42186	3.64740E-06	3.5036E-04
610875.43	4206505.03	20136.43857	0.00035	0.41158	3.55852E-06	3.5727E-04
610882.43	4206505.03	20508.79682	0.00036	0.40140	3.47050E-06	3.6372E-04
610889.43	4206505.03	20853.51835	0.00037	0.39136	3.38370E-06	3.6969E-04
610910.43	4206505.03	21712.42351	0.00038	0.36215	3.13115E-06	3.8453E-04
610917.43	4206505.03	21938.5613	0.00039	0.35276	3.04996E-06	3.8842E-04
610924.43	4206505.03	22134.97802	0.00039	0.34357	2.97050E-06	3.917 9E-04
610931.43	4206505.03	22301.6884	0.00039	0.33458	2.89278E-06	3.9464E-04
610938.43	4206505.03	22439.20651	0.00039	0.32579	2.81678E-06	3.9698E-04
610945.43	4206505.03	22548.3113	0.00040	0.31720	2.74251E-06	3.9882E-04
610952.43	4206505.03	22630.0117	0.00040	0.30883	2.67014E-06	4.0018E-04
610959.43	4206505.03	22684.99478	0.00040	0.30066	2.59950E-06	4.0108E-04
610966.43	4206505.03	22714.53094	0.00040	0.29270	2.53068E-06	4.0153E-04
610973.43	4206505.03	22719.7474	0.00040	0.28496	2.46376E-06	4.0155E-04
610980.43	4206505.03	22701.87659	0.00040	0.27742	2.39857E-06	4.0117E-04
610987.43	4206505.03	22662.12769	0.00040	0.27010	2.33528E-06	4.0041E-04
611008.43	4206505.03	22424.15063	0.00039	0.24934	2.15579E-06	3.9605E-04
611015.43	4206505.03	22309.3617	0.00039	0.24281	2.09933E-06	3.9398E-04
611022.43	4206505.03	22178.85979	0.00039	0.23648	2.04460E-06	3.9163E-04
611029.43	4206505.03	22033.71509	0.00039	0.23034	1.99152E-06	3.8903E-04
611036.43	4206505.03	21875.13775	0.00038	0.22438	1.93999E-06	3.8619E-04
611043.43	4206505.03	21704.13845	0.00038	0.21860	1.89001E-06	3.8314E-04
611050.43	4206505.03	21521.76402	0.00038	0.21300	1.84160E-06	3.7989E-04
611057.43	4206505.03	21329.10733	0.00037	0.20756	1.79456E-06	3.7646E-04
611062.21	4206504.92	21203.06108	0.00037	0.20391	1.76300E-06	3.7421E-04
611078.43	4206505.03	20698.12635	0.00036	0.19224	1.66211E-06	3.6524E-04
611085.43	4206505.03	20472.96662	0.00036	0.18744	1.62061E-06	3.6124E-04
611092.43	4206505.03	20241.87584	0.00036	0.18279	1.58040E-06	3.5714E-04
610294.43	4206512.03	1657.21322	0.00003	0.64906	5.61177E-06	3.4722E-05
610301.43	4206512.03	1689.8089	0.00003	0.65132	5.63131E-06	3.5314E-05
610308.43	4206512.03	1723.43518	0.00003	0.65349	5.65007E-06	3.5923E-05
610315.43	4206512.03	1758.25853	0.00003	0.65554	5.66780E-06	3.6553E-05
610322.43	4206512.03	1794.01413	0.00003	0.65745	5.68431E-06	3.7197E-05
610329.43	4206512.03	1830.89367	0.00003	0.65920	5.69944E-06	3.7860E-05
610336.43	4206512.03	1869.18811	0.00003	0.66083	5.71353E-06	3.8547E-05
610343.43	4206512.03	1909.007	0.00003	0.66244	5.72745E-06	3.9261E-05
610350.43	4206512.03	1950.16538	0.00003	0.66398	5.74077E-06	3.9997E-05
610357.43	4206512.03	1992.44084	0.00003	0.66543	5.75330E-06	4.0752E-05
610364.43	4206512.03	2036.02899	0.00004	0.66681	5.76524E-06	4.1530E-05
610371.43	4206512.03	2081.02574	0.00004	0.66811	5.77648E-06	4.2331E-05
610378.43	4206512.03	2127.25203	0.00004	0.66934	5.78711E-06	4.3154E-05
610385.43	4206512.03	2174.95911	0.00004	0.67050	5.79714E-06	4.4002E-05
610392.43	4206512.03	2223.93524	0.00004	0.67157	5.80639E-06	4.4871E-05
610399.43	4206512.03	2274.49499	0.00004	0.67257	5.81504E-06	4.5768E-05
610406.43	4206512.03	2326.36645	0.00004	0.67348	5.82290E-06	4.6687E-05
610413.43	4206512.03	2380.15939	0.00004	0.67429	5.82991E-06	4.7639E-05
610420.43	4206512.03	2435.55472	0.00004	0.67499	5.83596E-06	4.8618E-05
610427.43	4206512.03	2492.45325	0.00004	0.67557	5.84097E-06	4.9623E-05
610434.43	4206512.03	2550.88785	0.00004	0.67605	5.84512E-06	5.0653E-05
610441.43	4206512.03	2610.8533	0.00005	0.67641	5.84824E-06	5.1710E-05
610448.43	4206512.03	2672.40799	0.00005	0.67667	5.85049E-06	5.2793E-05
610455.43	4206512.03	2735.5213	0.00005	0.67681	5.85170E-06	5.3903E-05
610462.43	4206512.03	2800.32381	0.00005	0.67685	5.85204E-06	5.5042E-05
610469.43	4206512.03	2866.79712	0.00005	0.67677	5.85135E-06	5.6209E-05
610487.43	4206512.03	3150.98203	0.00006	0.67539	5.83942E-06	6.1189E-05
610504.43	4206512.03	3227.2065	0.00006	0.67478	5.83414E-06	6.2522E-05
610511.43	4206512.03	3305.91846	0.00006	0.67405	5.82783E-06	6.3899E-05
610518.43	4206512.03	3387.35186	0.00006	0.67322	5.82066E-06	6.5322E-05
610525.43	4206512.03	3471.87633	0.00006	0.67227	5.81244E-06	6.6788E-05
610532.43	4206512.03	3559.8723	0.00006	0.67122	5.80336E-06	6.8335E-05
610539.43	4206512.03	3651.76041	0.00006	0.67005	5.79325E-06	6.9939E-05
610546.43	4206512.03	3748.16822	0.00007	0.66877	5.78218E-06	7.1622E-05
610553.43	4206512.03	3849.67313	0.00007	0.66738	5.77016E-06	7.3392E-05
610560.43	4206512.03	3957.48379	0.00007	0.66579	5.75642E-06	7.5273E-05
610567.43	4206512.03	4071.83139	0.00007	0.66410	5.74181E-06	7.7267E-05
610574.43	4206512.03	4193.50592	0.00007	0.66231	5.72633E-06	7.9388E-05
610581.43	4206512.03	4323.28626	0.00008	0.66041	5.70909E-06	8.1652E-05
610588.43	4206512.03	4462.06454	0.00008	0.65839	5.69244E-06	8.4072E-05
610595.43	4206512.03	4610.02465	0.00008	0.65629	5.67428E-06	8.6653E-05
610602.43	4206512.03	4767.87305	0.00008	0.65405	5.65491E-06	8.9406E-05
610609.43	4206512.03	4935.8804	0.00009	0.65170	5.63460E-06	9.2337E-05
610616.43	4206512.03	5114.49797	0.00009	0.64922	5.61315E-06	9.5453E-05
610623.43	4206512.03	5303.77983	0.00009	0.64658	5.59035E-06	9.8755E-05
610630.43	4206512.03	5505.02362	0.00010	0.64376	5.56595E-06	1.0227E-04
610637.43	4206512.03	5718.01336	0.00010	0.64076	5.54001E-06	1.0598E-04
610644.43	4206512.03	5942.4689	0.00010	0.63758	5.51251E-06	1.0990E-04
610651.43	4206512.03	6177.15549	0.00011	0.63422	5.48346E-06	1.1399E-04
610658.43	4206512.03	6423.1304	0.00011	0.63065	5.45260E-06	1.1828E-04
610665.43	4206512.03	6679.13159	0.00012	0.62688	5.42000E-06	1.2274E-04

610672.43	4206512.03	6946.66724	0.00012	0.62290	5.38559E-06	1.2741E-04
610679.43	4206512.03	7224.51352	0.00013	0.61874	5.34962E-06	1.3225E-04
610686.43	4206512.03	7513.7928	0.00013	0.61437	5.31184E-06	1.3739E-04
610693.43	4206512.03	7816.57923	0.00014	0.60979	5.27224E-06	1.4258E-04
610700.43	4206512.03	8131.04593	0.00014	0.60502	5.23100E-06	1.4806E-04
610707.43	4206512.03	8453.85025	0.00015	0.60004	5.18794E-06	1.5369E-04
610714.43	4206512.03	8787.98396	0.00015	0.59484	5.14298E-06	1.5951E-04
610721.43	4206512.03	9138.00904	0.00016	0.58939	5.09586E-06	1.6561E-04
610735.43	4206512.03	9880.4969	0.00017	0.57771	4.99488E-06	1.7855E-04
610742.43	4206512.03	10273.41966	0.00018	0.57145	4.94075E-06	1.8540E-04
610749.43	4206512.03	10685.44376	0.00019	0.56489	4.88404E-06	1.9258E-04
610756.43	4206512.03	11109.98844	0.00020	0.55802	4.82464E-06	1.9998E-04
610763.43	4206512.03	11554.30156	0.00020	0.55084	4.76256E-06	2.0772E-04
610770.43	4206512.03	11987.10255	0.00021	0.54335	4.69780E-06	2.1526E-04
610777.43	4206512.03	12431.2413	0.00022	0.53554	4.63028E-06	2.2299E-04
610784.43	4206512.03	12885.59308	0.00023	0.52742	4.56007E-06	2.3090E-04
610791.43	4206512.03	13348.98471	0.00023	0.51902	4.48744E-06	2.3897E-04
610798.43	4206512.03	13819.77337	0.00024	0.51036	4.41257E-06	2.4717E-04
610805.43	4206512.03	14296.1975	0.00025	0.50147	4.33571E-06	2.5546E-04
610812.43	4206512.03	14775.49115	0.00026	0.49236	4.25694E-06	2.6380E-04
610819.43	4206512.03	15255.77741	0.00027	0.48307	4.17662E-06	2.7216E-04
610826.43	4206512.03	15734.38246	0.00028	0.47364	4.09509E-06	2.8048E-04
610833.43	4206512.03	16208.72218	0.00028	0.46409	4.01252E-06	2.8873E-04
610840.43	4206512.03	16675.72735	0.00029	0.45445	3.92917E-06	2.9683E-04
610847.43	4206512.03	17132.83453	0.00030	0.44476	3.84539E-06	3.0480E-04
610854.43	4206512.03	17577.77255	0.00031	0.43506	3.76153E-06	3.1253E-04
610861.43	4206512.03	18007.28152	0.00032	0.42536	3.67766E-06	3.1999E-04
610868.43	4206512.03	18418.98819	0.00032	0.41569	3.59405E-06	3.2714E-04
610875.43	4206512.03	18810.77826	0.00033	0.40608	3.51097E-06	3.3394E-04
610882.43	4206512.03	19180.63983	0.00034	0.39653	3.42848E-06	3.4035E-04
610889.43	4206512.03	19526.73781	0.00034	0.38708	3.34669E-06	3.4635E-04
610910.43	4206512.03	20411.66969	0.00036	0.35944	3.10772E-06	3.6165E-04
610917.43	4206512.03	20653.01045	0.00036	0.35051	3.03051E-06	3.6582E-04
610924.43	4206512.03	20867.41477	0.00037	0.34174	2.95468E-06	3.6951E-04
610931.43	4206512.03	21054.6635	0.00037	0.33314	2.88033E-06	3.7272E-04
610938.43	4206512.03	21215.0338	0.00037	0.32471	2.80744E-06	3.7547E-04
610945.43	4206512.03	21348.76576	0.00038	0.31646	2.73611E-06	3.7774E-04
610952.43	4206512.03	21456.63637	0.00038	0.30839	2.66634E-06	3.7957E-04
610959.43	4206512.03	21539.27612	0.00038	0.30050	2.59812E-06	3.8095E-04
610966.43	4206512.03	21597.58163	0.00038	0.29281	2.53163E-06	3.8191E-04
610973.43	4206512.03	21632.53141	0.00038	0.28530	2.46670E-06	3.8246E-04
610980.43	4206512.03	21645.13738	0.00038	0.27798	2.40341E-06	3.8262E-04
610987.43	4206512.03	21636.34416	0.00038	0.27084	2.34168E-06	3.8240E-04
611008.43	4206512.03	21492.87534	0.00038	0.25056	2.16634E-06	3.7970E-04
611015.43	4206512.03	21409.51955	0.00038	0.24417	2.11109E-06	3.7818E-04
611022.43	4206512.03	21310.2606	0.00037	0.23795	2.05731E-06	3.7639E-04
611029.43	4206512.03	21196.19519	0.00037	0.23191	2.00509E-06	3.7433E-04
611036.43	4206512.03	21068.21667	0.00037	0.22604	1.95434E-06	3.7203E-04
611043.43	4206512.03	20927.50488	0.00037	0.22034	1.90506E-06	3.6951E-04
611050.43	4206512.03	20774.86499	0.00036	0.21481	1.85725E-06	3.6678E-04
611057.43	4206512.03	20611.27852	0.00036	0.20944	1.81082E-06	3.6386E-04
611062.21	4206511.92	20504.82582	0.00036	0.20583	1.77961E-06	3.6196E-04
611078.43	4206512.03	20064.10826	0.00035	0.19424	1.67940E-06	3.5412E-04
611085.43	4206512.03	19865.62872	0.00035	0.18948	1.63824E-06	3.5059E-04
611092.43	4206512.03	19660.2458	0.00035	0.18485	1.59821E-06	3.4694E-04
610294.43	4206519.03	1622.21182	0.00003	0.61747	5.33864E-06	3.3834E-05
610301.43	4206519.03	1653.95461	0.00003	0.61968	5.35775E-06	3.4411E-05
610308.43	4206519.03	1686.57707	0.00003	0.62184	5.37643E-06	3.5002E-05
610315.43	4206519.03	1720.19612	0.00003	0.62392	5.39441E-06	3.5611E-05
610322.43	4206519.03	1754.96719	0.00003	0.62587	5.41127E-06	3.6239E-05
610329.43	4206519.03	1790.69909	0.00003	0.62769	5.42700E-06	3.6882E-05
610336.43	4206519.03	1827.63604	0.00003	0.62937	5.44153E-06	3.7545E-05
610343.43	4206519.03	1866.1285	0.00003	0.63099	5.45554E-06	3.8235E-05
610350.43	4206519.03	1905.78219	0.00003	0.63253	5.46885E-06	3.8945E-05
610357.43	4206519.03	1946.50346	0.00003	0.63398	5.48139E-06	3.9673E-05
610364.43	4206519.03	1988.54818	0.00003	0.63537	5.49341E-06	4.0424E-05
610371.43	4206519.03	2031.70648	0.00004	0.63668	5.50473E-06	4.1193E-05
610378.43	4206519.03	2076.22316	0.00004	0.63793	5.51554E-06	4.1986E-05
610385.43	4206519.03	2121.99926	0.00004	0.63911	5.52574E-06	4.2800E-05
610392.43	4206519.03	2169.10928	0.00004	0.64020	5.53517E-06	4.3637E-05
610399.43	4206519.03	2217.38508	0.00004	0.64123	5.54407E-06	4.4494E-05
610406.43	4206519.03	2267.13969	0.00004	0.64218	5.55229E-06	4.5376E-05
610413.43	4206519.03	2318.66135	0.00004	0.64304	5.55972E-06	4.6289E-05
610420.43	4206519.03	2371.64042	0.00004	0.64380	5.56629E-06	4.7226E-05
610427.43	4206519.03	2425.98382	0.00004	0.64445	5.57191E-06	4.8186E-05
610434.43	4206519.03	2481.71473	0.00004	0.64500	5.57667E-06	4.9170E-05
610441.43	4206519.03	2538.86374	0.00004	0.64544	5.58047E-06	5.0177E-05
610448.43	4206519.03	2597.38219	0.00005	0.64577	5.58332E-06	5.1208E-05
610455.43	4206519.03	2657.42362	0.00005	0.64599	5.58523E-06	5.2265E-05
610462.43	4206519.03	2718.85082	0.00005	0.64612	5.58635E-06	5.3345E-05
610469.43	4206519.03	2781.88555	0.00005	0.64613	5.58644E-06	5.4452E-05
610497.43	4206519.03	3050.50628	0.00005	0.64514	5.57788E-06	5.9162E-05
610504.43	4206519.03	3122.51206	0.00005	0.64463	5.57347E-06	6.0423E-05
610511.43	4206519.03	3196.73171	0.00006	0.64402	5.56819E-06	6.1721E-05
610518.43	4206519.03	3273.56008	0.00006	0.64330	5.56197E-06	6.3064E-05
610525.43	4206519.03	3353.27046	0.00006	0.64248	5.55488E-06	6.4458E-05
610532.43	4206519.03	3436.25796	0.00006	0.64155	5.54684E-06	6.5907E-05
610539.43	4206519.03	3523.01351	0.00006	0.64052	5.53793E-06	6.7422E-05
610546.43	4206519.03	3613.94533	0.00006	0.63938	5.52808E-06	6.9010E-05
610553.43	4206519.03	3709.73123	0.00007	0.63813	5.51727E-06	7.0681E-05
610560.43	4206519.03	3811.51863	0.00007	0.63669	5.50482E-06	7.2457E-05
610567.43	4206519.03	3919.64576	0.00007	0.63514	5.49142E-06	7.4343E-05
610574.43	4206519.03	4034.65433	0.00007	0.63350	5.47724E-06	7.6349E-05
610581.43	4206519.03	4157.32365	0.00007	0.63176	5.46219E-06	7.8489E-05
610588.43	4206519.03	4288.2521	0.00008	0.62993	5.44637E-06	8.0773E-05
610595.43	4206519.03	4427.91909	0.00008	0.62799	5.42960E-06	8.3209E-05
610602.43	4206519.03	4576.82373	0.00008	0.62595	5.41196E-06	8.580 7E-05
610609.43	4206519.03	4735.26385	0.00008	0.62380	5.39337E-06	8.8572E-05
610616.43	4206519.03	4903.47317	0.00009	0.62151	5.37357E-06	9.1507E-05
610623.43	4206519.03	5081.65618	0.00009	0.61910	5.35274E-06	9.4616E-05
610630.43	4206519.03	5270.04868	0.00009	0.61653	5.33052E-06	9.7903E-05
610637.43	4206519.03	5470.08525	0.00010	0.61378	5.30674E-06	1.0139E-04
610644.43	4206519.03	5679.6389	0.00010	0.61088	5.28167E-06	1.0505E-04
610651.43	4206519.03	5899.56817	0.00010	0.60779	5.25495E-06	1.0889E-04
610658.43	4206519.03	6128.36055	0.00011	0.60453	5.22676E-06	1.1288E-04
610665.43	4206519.03	6367.47326	0.00011	0.60109	5.19702E-06	1.1705E-04
610672.43	4206519.03	6615.37865	0.00012	0.59748	5.16581E-06	1.2137E-04
610679.43	4206519.03	6873.92526	0.00012	0.59369	5.13304E-06	1.2588E-04
610686.43	4206519.03	7141.68592	0.00013	0.58973	5.09880E-06	1.3055E-04
610693.43	4206519.03	7421.2953	0.00013	0.58557	5.06284E-06	1.3542E-04
610700.43	4206519.03	7710.9727	0.00014	0.58124	5.02540E-06	1.4047E-04
610707.43	4206519.03	8005.89599	0.00014	0.57674	4.98649E-06	1.4562E-04
610714.43	4206519.03	8311.9909	0.00015	0.57204	4.94588E-06	1.5095E-04
610721.43	4206519.03	8627.77344	0.00015	0.56714	4.90349E-06	1.5646E-04
610735.43	4206519.03	9301.61344	0.00016	0.55662	4.81253E-06	1.6820E-04
610742.43	4206519.03	9655.88701	0.00017	0.55100	4.76394E-06	1.7438E-04
610749.43	4206519.03	10026.9098	0.00018	0.54511	4.71302E-06	1.8084E-04
610756.43	4206519.03	10412.31773	0.00018	0.53895	4.65976E-06	1.8756E-04
610763.43	4206519.03	10808.364	0.00019	0.53251	4.60408E-06	1.9444E-04
610770.43	4206519.03	11201.59342	0.00020	0.52579	4.54598E-06	2.0131E-04
610777.43	4206519.03	11605.71977	0.00020	0.51877	4.48528E-06	2.0839E-04
610784.43	4206519.03	12020.19677	0.00021	0.51147	4.42217E-06	2.1557E-04
610791.43	4206519.03	12444.07161	0.00022	0.50390	4.35672E-06	2.2295E-04
610798.43	4206519.03	12876.03237	0.00023	0.49608	4.28911E-06	2.3047E-04
610805.43	4206519.03	13314.61629	0.00023	0.48803	4.21950E-06	2.3816E-04
610812.43	4206519.03	13757.68384	0.00024	0.47976	4.14800E-06	2.4581E-04
610819.43	4206519.03	14203.54198	0.00025	0.47131	4.07494E-06	2.5357E-04
610826.43	4206519.03	14649.84938	0.00026	0.46269	4.00042E-06	2.6134E-04
610833.43	4206519.03	15094.45547	0.00027	0.45395	3.92485E-06	2.6907E-04
610840.43	4206519.03	15534.75311	0.00027	0.44509	3.84825E-06	2.7673E-04
610847.43	4206519.03	15968.1992	0.00028	0.43616	3.77104E-06	2.8426E-04
610854.43	4206519.03	16392.65989	0.00029	0.42719	3.69348E-06	2.9164E-04
610861.43	4206519.03	16805.49596	0.00030	0.41819	3.61567E-06	2.9882E-04
610868.43	4206519.03	17203.89155	0.00030	0.40919	3.53785E-06	3.0574E-04
610875.43	4206519.03	17585.97751	0.00031	0.40021	3.46021E-06	3.1237E-04
610882.43	4206519.03	17949.95554	0.00032	0.39128	3.38300E-06	3.1869E-04
610889.43	4206519.03	18293.83876	0.00032	0.38240	3.30623E-06	3.2465E-04
610910.43	4206519.03	19192.45393	0.00034	0.35630	3.08057E-06	3.4021E-04
610917.43	4206519.03	19444.57998	0.00034	0.34782	3.00725E-06	3.4457E-04
610924.43	4206519.03	19672.33985	0.00035	0.33947	2.93506E-06	3.4849E-04
610931.43	4206519.03	19875.67447	0.00035	0.33126	2.86407E-06	3.5199E-04
610938.43	4206519.03	20054.07707	0.00035	0.32320	2.79439E-06	3.5506E-04
610945.43	4206519.03	20208.04272	0.00035	0.31529	2.72600E-06	3.5770E-04
610952.43	4206519.03	20337.76689	0.00036	0.30754	2.65899E-06	3.5991E-04
610959.43	4206519.03	20443.85216	0.00036	0.29994	2.59328E-06	3.6170E-04
610966.43	4206519.03	20526.98657	0.00036	0.29251	2.52904E-06	3.6310E-04
610973.43	4206519.03	20587.77713	0.00036	0.28525	2.46627E-06	3.6411E-04
610980.43	4206519.03	20626.9642	0.00036	0.27816	2.40497E-06	3.6473E-04
610987.43	4206519.03	20645.56313	0.00036	0.27123	2.34505E-06	3.6500E-04
611008.43	4206519.03	20586.55025	0.00036	0.25146	2.17412E-06	3.6379E-04
611015.43	4206519.03	20531.84803	0.00036	0.24521	2.12008E-06	3.6278E-04
611022.43	4206519.03	20461.16702	0.00036	0.23912	2.06743E-06	3.6148E-04
611029.43	4206519.03	20375.55539	0.00036	0.23320	2.01625E-06	3.5993E-04
611036.43	4206519.03	20275.91865	0.00036	0.22743	1.96636E-06	3.5813E-04
611043.43	4206519.03	20163.16477	0.00035	0.22182	1.91785E-06	3.5610E-04
611050.43	4206519.03	20038.182	0.00035	0.21637	1.87073E-06	3.5386E-04
611057.43	4206519.03	19901.90264	0.00035	0.21107	1.82491E-06	3.5142E-04
611062.21	4206518.92	19811.49831	0.00035	0.20751	1.79413E-06	3.4983E-04
611078.43	4206519.03	19433.50286	0.00034	0.19604	1.69496E-06	3.4306E-04
611085.43	4206519.03	19260.13835	0.00034	0.19132	1.65415E-06	3.3997E-04
611092.43	4206519.03	19079.42641	0.00034	0.18672	1.61438E-06	3.3676E-04
610294.43	4206526.03	1588.63587	0.00003	0.58795	5.08341E-06	3.2989E-05
610301.43	4206526.03	1619.37102	0.00003	0.59017	5.10261E-06	3.3548E-05
610308.43	4206526.03	1651.0103	0.00003	0.59231	5.12111E-06	3.4122E-05
610315.43	4206526.03	1683.73326	0.00003	0.59436	5.13883E-06	3.4715E-05
610322.43	4206526.03	1717.32475	0.00003	0.59635	5.15604E-06	3.5322E-05
610329.43	4206526.03	1751.9342	0.00003	0.59821	5.17212E-06	3.5944E-05
610336.43	4206526.03	1787.7803	0.00003	0.59995	5.18716E-06	3.6591E-05
610343.43	4206526.03	1824.82093	0.00003	0.60159	5.20134E-06	3.7256E-05
610350.43	4206526.03	1863.0294	0.00003	0.60313	5.21466E-06	3.7940E-05
610357.43	4206526.03	1902.35921	0.00003	0.60460	5.22737E-06	3.8644E-05
610364.43	4206526.03	1942.81896	0.00003	0.60600	5.23947E-06	3.9367E-05
610371.43	4206526.03	1984.41975	0.00003	0.60733	5.25097E-06	4.0109E-05
610378.43	4206526.03	2027.16987	0.00004	0.60859	5.26187E-06	4.0871E-05
610385.43	4206526.03	2071.14603	0.00004	0.60978	5.27215E-06	4.1653E-05
610392.43	4206526.03	2116.29026	0.00004	0.61090	5.28184E-06	4.2456E-05
610399.43	4206526.03	2162.67197	0.00004	0.61195	5.29092E-06	4.3280E-05
610406.43	4206526.03	2210.26611	0.00004	0.61292	5.29939E-06	4.4124E-05
610413.43	4206526.03	2259.61216	0.00004	0.61383	5.30717E-06	4.4989E-05
610420.43	4206526.03	2310.25476	0.00004	0.61465	5.31426E-06	4.5896E-05
610427.43	4206526.03	2362.18431	0.00004	0.61536	5.32040E-06	4.6814E-05
610434.43	4206526.03	2415.32948	0.00004	0.61597	5.32567E-06	4.7753E-05
610441.43	4206526.03	2469.74385	0.00004	0.61648	5.33008E-06	4.8713E-05
610448.43	4206526.03	2525.46334	0.00004	0.61689	5.33363E-06	4.9695E-05
610455.43	4206526.03	2582.43628	0.00005	0.61719	5.33622E-06	5.0699E-05
610462.43	4206526.03	2640.82832	0.00005	0.61739	5.33795E-06	5.1726E-05
610469.43	4206526.03	2700.49244	0.00005	0.61749	5.33882E-06	5.2775E-05
610497.43	4206526.03	2954.60717	0.00005	0.61687	5.33345E-06	5.7233E-05
610504.43	4206526.03	3022.54918	0.00005	0.61647	5.33000E-06	5.8423E-05
610511.43	4206526.03	3092.64743	0.00005	0.61596	5.32559E-06	5.9650E-05
610518.43	4206526.03	3165.19397	0.00006	0.61535	5.32031E-06	6.0919E-05
610525.43	4206526.03	3240.45728	0.00006	0.61465	5.31426E-06	6.2235E-05
610532.43	4206526.03	3318.84631	0.00006	0.61384	5.30726E-06	6.3605E-05
610539.43	4206526.03	3400.73964	0.00006	0.61293	5.29939E-06	6.5036E-05
610546.43	4206526.03	3486.72072	0.00006	0.61193	5.29074E-06	6.6538E-05
610553.43	4206526.03	3577.23646	0.00006	0.61082	5.28115E-06	6.8118E-05

610560.43	4206526.03	3673.54348	0.00006	0.60951	5.26982E-06	6.9798E-05
610567.43	4206526.03	3775.94429	0.00007	0.60810	5.25763E-06	7.1585E-05
610574.43	4206526.03	3884.88041	0.00007	0.60659	5.24457E-06	7.3483E-05
610581.43	4206526.03	4000.82729	0.00007	0.60502	5.23100E-06	7.5508E-05
610588.43	4206526.03	4124.71668	0.00007	0.60333	5.21639E-06	7.7670E-05
610595.43	4206526.03	4256.88367	0.00007	0.60156	5.20108E-06	7.9976E-05
610602.43	4206526.03	4397.41109	0.00008	0.59970	5.18500E-06	8.2429E-05
610609.43	4206526.03	4547.00306	0.00008	0.59772	5.16788E-06	8.5039E-05
610616.43	4206526.03	4705.42824	0.00008	0.59564	5.14990E-06	8.7804E-05
610623.43	4206526.03	4873.37337	0.00009	0.59343	5.13079E-06	9.0735E-05
610630.43	4206526.03	5050.94663	0.00009	0.59108	5.11047E-06	9.3834E-05
610637.43	4206526.03	5238.82451	0.00009	0.58856	5.08869E-06	9.7112E-05
610644.43	4206526.03	5435.33401	0.00010	0.58590	5.06569E-06	1.0054E-04
610651.43	4206526.03	5641.25769	0.00010	0.58307	5.04122E-06	1.0413E-04
610658.43	4206526.03	5855.21979	0.00010	0.58010	5.01554E-06	1.0787E-04
610665.43	4206526.03	6077.58722	0.00011	0.57698	4.98857E-06	1.1175E-04
610672.43	4206526.03	6309.3953	0.00011	0.57368	4.96003E-06	1.1579E-04
610679.43	4206526.03	6548.85858	0.00012	0.57024	4.93028E-06	1.1997E-04
610686.43	4206526.03	6798.22069	0.00012	0.56662	4.89899E-06	1.2431E-04
610693.43	4206526.03	7055.88501	0.00012	0.56285	4.86640E-06	1.2881E-04
610700.43	4206526.03	7324.71439	0.00013	0.55891	4.83233E-06	1.3350E-04
610707.43	4206526.03	7594.85946	0.00013	0.55484	4.79714E-06	1.3821E-04
610714.43	4206526.03	7874.3055	0.00014	0.55059	4.76040E-06	1.4308E-04
610721.43	4206526.03	8163.68723	0.00014	0.54615	4.72201E-06	1.4812E-04
610735.43	4206526.03	8774.83563	0.00015	0.53667	4.64005E-06	1.5878E-04
610742.43	4206526.03	9097.71888	0.00016	0.53160	4.59621E-06	1.6440E-04
610749.43	4206526.03	9432.78642	0.00017	0.52630	4.55039E-06	1.7024E-04
610756.43	4206526.03	9780.41968	0.00017	0.52077	4.50257E-06	1.7630E-04
610763.43	4206526.03	10133.82092	0.00018	0.51498	4.45251E-06	1.8246E-04
610770.43	4206526.03	10491.56561	0.00018	0.50893	4.40021E-06	1.8869E-04
610777.43	4206526.03	10859.72744	0.00019	0.50261	4.34556E-06	1.9510E-04
610784.43	4206526.03	11238.06037	0.00020	0.49603	4.28867E-06	2.0169E-04
610791.43	4206526.03	11625.74007	0.00020	0.48920	4.22962E-06	2.0844E-04
610798.43	4206526.03	12021.9915	0.00021	0.48213	4.16849E-06	2.1534E-04
610805.43	4206526.03	12425.58285	0.00022	0.47484	4.10546E-06	2.2237E-04
610812.43	4206526.03	12834.65656	0.00023	0.46733	4.04053E-06	2.2949E-04
610819.43	4206526.03	13247.97522	0.00023	0.45964	3.97405E-06	2.3668E-04
610924.43	4206526.03	18547.29039	0.00033	0.33681	2.91206E-06	3.2871E-04
610931.43	4206526.03	18762.57213	0.00033	0.32899	2.84445E-06	3.3242E-04
610938.43	4206526.03	18955.30279	0.00033	0.32130	2.77796E-06	3.3574E-04
610945.43	4206526.03	19125.444	0.00034	0.31373	2.71251E-06	3.3866E-04
610952.43	4206526.03	19273.12465	0.00034	0.30630	2.64827E-06	3.4119E-04
610959.43	4206526.03	19398.79079	0.00034	0.29900	2.58515E-06	3.4334E-04
610966.43	4206526.03	19502.78843	0.00034	0.29184	2.52325E-06	3.4510E-04
610973.43	4206526.03	19585.57988	0.00034	0.28484	2.46273E-06	3.4650E-04
610980.43	4206526.03	19647.94837	0.00035	0.27798	2.40341E-06	3.4753E-04
610987.43	4206526.03	19690.42927	0.00035	0.27127	2.34540E-06	3.4822E-04
611008.43	4206526.03	19706.86759	0.00035	0.25205	2.17922E-06	3.4834E-04
611015.43	4206526.03	19677.95019	0.00035	0.24595	2.12648E-06	3.4778E-04
611022.43	4206526.03	19633.20731	0.00034	0.24000	2.07504E-06	3.4695E-04
611029.43	4206526.03	19573.53937	0.00034	0.23420	2.02488E-06	3.4585E-04
611036.43	4206526.03	19499.83709	0.00034	0.22855	1.97604E-06	3.4450E-04
611043.43	4206526.03	19412.82841	0.00034	0.22304	1.92840E-06	3.4293E-04
611050.43	4206526.03	19313.51291	0.00034	0.21768	1.88206E-06	3.4114E-04
611057.43	4206526.03	19202.58784	0.00034	0.21246	1.83693E-06	3.3914E-04
611062.21	4206525.92	19131.27296	0.00034	0.20896	1.80667E-06	3.3786E-04
611078.43	4206526.03	18808.09312	0.00033	0.19763	1.70871E-06	3.3209E-04
611085.43	4206526.03	18658.50701	0.00033	0.19295	1.66824E-06	3.2942E-04
611092.43	4206526.03	18501.09283	0.00032	0.18841	1.62899E-06	3.2661E-04
610294.43	4206533.03	1556.26098	0.00003	0.56037	4.84496E-06	3.2182E-05
610301.43	4206533.03	1586.07669	0.00003	0.56256	4.86389E-06	3.2724E-05
610308.43	4206533.03	1616.91134	0.00003	0.56467	4.88213E-06	3.3284E-05
610315.43	4206533.03	1648.54496	0.00003	0.56672	4.89986E-06	3.3858E-05
610322.43	4206533.03	1681.09937	0.00003	0.56871	4.91706E-06	3.4447E-05
610329.43	4206533.03	1714.72178	0.00003	0.57060	4.93340E-06	3.5054E-05
610336.43	4206533.03	1749.34627	0.00003	0.57237	4.94871E-06	3.5677E-05
610343.43	4206533.03	1785.16013	0.00003	0.57405	4.96323E-06	3.6321E-05
610350.43	4206533.03	1822.00018	0.00003	0.57562	4.97681E-06	3.6982E-05
610357.43	4206533.03	1859.87493	0.00003	0.57710	4.98960E-06	3.7660E-05
610364.43	4206533.03	1898.91886	0.00003	0.57852	5.00188E-06	3.8358E-05
610371.43	4206533.03	1938.88988	0.00003	0.57985	5.01338E-06	3.9071E-05
610378.43	4206533.03	1980.01474	0.00003	0.58112	5.02436E-06	3.9805E-05
610385.43	4206533.03	2022.20118	0.00004	0.58232	5.03474E-06	4.0556E-05
610392.43	4206533.03	2065.58148	0.00004	0.58346	5.04459E-06	4.1328E-05
610399.43	4206533.03	2110.0328	0.00004	0.58453	5.05384E-06	4.2118E-05
610406.43	4206533.03	2155.58986	0.00004	0.58553	5.06249E-06	4.2927E-05
610413.43	4206533.03	2202.82311	0.00004	0.58648	5.07070E-06	4.3765E-05
610420.43	4206533.03	2251.28078	0.00004	0.58735	5.07823E-06	4.4624E-05
610427.43	4206533.03	2300.82172	0.00004	0.58811	5.08480E-06	4.5500E-05
610434.43	4206533.03	2351.54781	0.00004	0.58878	5.09059E-06	4.6397E-05
610441.43	4206533.03	2403.36455	0.00004	0.58936	5.09560E-06	4.7312E-05
610448.43	4206533.03	2456.36182	0.00004	0.58983	5.09967E-06	4.8247E-05
610455.43	4206533.03	2510.53537	0.00004	0.59021	5.10295E-06	4.9202E-05
610462.43	4206533.03	2565.87388	0.00005	0.59048	5.10529E-06	5.0177E-05
610469.43	4206533.03	2622.50563	0.00005	0.59066	5.10684E-06	5.1173E-05
610487.43	4206533.03	2862.95547	0.00005	0.59040	5.10460E-06	5.5393E-05
610504.43	4206533.03	2927.11459	0.00005	0.59009	5.10192E-06	5.6519E-05
610511.43	4206533.03	2993.38447	0.00005	0.58969	5.09846E-06	5.7679E-05
610518.43	4206533.03	3061.91657	0.00005	0.58919	5.09413E-06	5.8878E-05
610525.43	4206533.03	3133.07064	0.00006	0.58859	5.08895E-06	6.0124E-05
610532.43	4206533.03	3207.16208	0.00006	0.58790	5.08298E-06	6.1419E-05
610539.43	4206533.03	3284.62543	0.00006	0.58711	5.07615E-06	6.2773E-05
610546.43	4206533.03	3365.94621	0.00006	0.58623	5.06854E-06	6.4194E-05
610553.43	4206533.03	3451.65908	0.00006	0.58526	5.06016E-06	6.5691E-05
610560.43	4206533.03	3542.96668	0.00006	0.58407	5.04987E-06	6.7285E-05
610567.43	4206533.03	3639.91183	0.00006	0.58280	5.03889E-06	6.8977E-05
610574.43	4206533.03	3743.18716	0.00007	0.58142	5.02695E-06	7.0779E-05
610581.43	4206533.03	3853.13076	0.00007	0.57999	5.01459E-06	7.2698E-05
610588.43	4206533.03	3970.56872	0.00007	0.57844	5.00119E-06	7.4747E-05
610595.43	4206533.03	4095.54597	0.00007	0.57683	4.98727E-06	7.6929E-05
610602.43	4206533.03	4226.58	0.00007	0.57513	4.97257E-06	7.9251E-05
610609.43	4206533.03	4370.12822	0.00008	0.57331	4.95684E-06	8.1721E-05
610616.43	4206533.03	4519.93264	0.00008	0.57141	4.94041E-06	8.4336E-05
610623.43	4206533.03	4678.25249	0.00008	0.56939	4.92294E-06	8.7100E-05
610630.43	4206533.03	4845.80711	0.00009	0.56724	4.90435E-06	9.0025E-05
610637.43	4206533.03	5022.10911	0.00009	0.56494	4.88447E-06	9.3101E-05
610644.43	4206533.03	5207.26337	0.00009	0.56249	4.86328E-06	9.6333E-05
610651.43	4206533.03	5399.83649	0.00009	0.55992	4.84107E-06	9.9693E-05
610658.43	4206533.03	5600.92298	0.00010	0.55720	4.81755E-06	1.0320E-04
610665.43	4206533.03	5808.93631	0.00010	0.55435	4.79291E-06	1.0683E-04
610672.43	4206533.03	6025.27405	0.00011	0.55135	4.76697E-06	1.1061E-04
610679.43	4206533.03	6248.45261	0.00011	0.54821	4.73982E-06	1.1450E-04
610686.43	4206533.03	6480.43125	0.00011	0.54491	4.71128E-06	1.1854E-04
610693.43	4206533.03	6719.5762	0.00012	0.54148	4.68163E-06	1.2272E-04
610700.43	4206533.03	6967.2403	0.00012	0.53790	4.65068E-06	1.2704E-04
610707.43	4206533.03	7216.60733	0.00013	0.53420	4.61869E-06	1.3138E-04
610714.43	4206533.03	7472.42012	0.00013	0.53035	4.58540E-06	1.3584E-04
610721.43	4206533.03	7736.4986	0.00014	0.52633	4.55065E-06	1.4045E-04
610735.43	4206533.03	8294.02801	0.00015	0.51776	4.47655E-06	1.5017E-04
610742.43	4206533.03	8586.56855	0.00015	0.51319	4.43704E-06	1.5527E-04
610749.43	4206533.03	8889.52297	0.00016	0.50841	4.39571E-06	1.6055E-04
610756.43	4206533.03	9206.38771	0.00016	0.50342	4.35257E-06	1.6607E-04
610763.43	4206533.03	9522.035	0.00017	0.49820	4.30743E-06	1.7157E-04
610770.43	4206533.03	9847.92028	0.00017	0.49275	4.26031E-06	1.7725E-04
611001.43	4206533.03	18844.35726	0.00033	0.25841	2.23421E-06	3.3325E-04
611008.43	4206533.03	18854.79589	0.00033	0.25233	2.18164E-06	3.3338E-04
611015.43	4206533.03	18848.96068	0.00033	0.24639	2.13029E-06	3.3323E-04
611022.43	4206533.03	18827.64686	0.00033	0.24059	2.08014E-06	3.3288E-04
611029.43	4206533.03	18791.60396	0.00033	0.23492	2.03112E-06	3.3212E-04
611036.43	4206533.03	18741.52402	0.00033	0.22939	1.98330E-06	3.3119E-04
611043.43	4206533.03	18678.33172	0.00033	0.22400	1.93670E-06	3.3004E-04
611050.43	4206533.03	18602.58102	0.00033	0.21874	1.89122E-06	3.2866E-04
611057.43	4206533.03	18515.05792	0.00033	0.21361	1.84687E-06	3.2708E-04
611062.21	4206532.92	18459.4396	0.00032	0.21017	1.81713E-06	3.2607E-04
611078.43	4206533.03	18189.46633	0.00032	0.19901	1.72064E-06	3.2123E-04
611085.43	4206533.03	18062.28876	0.00032	0.19439	1.68069E-06	3.1896E-04
611092.43	4206533.03	17926.762	0.00031	0.18989	1.64179E-06	3.1654E-04
610294.43	4206540.03	1525.15636	0.00003	0.53452	4.62146E-06	3.1412E-05
610301.43	4206540.03	1554.12537	0.00003	0.53668	4.64013E-06	3.1939E-05
610308.43	4206540.03	1583.96131	0.00003	0.53878	4.65828E-06	3.2482E-05
610315.43	4206540.03	1614.74187	0.00003	0.54081	4.67584E-06	3.3040E-05
610322.43	4206540.03	1646.31965	0.00003	0.54278	4.69287E-06	3.3612E-05
610329.43	4206540.03	1678.8197	0.00003	0.54468	4.70930E-06	3.4199E-05
610336.43	4206540.03	1712.30792	0.00003	0.54649	4.72495E-06	3.4803E-05
610343.43	4206540.03	1746.95184	0.00003	0.54819	4.73965E-06	3.5426E-05
610350.43	4206540.03	1782.47297	0.00003	0.54980	4.75357E-06	3.6064E-05
610357.43	4206540.03	1818.9664	0.00003	0.55130	4.76654E-06	3.6718E-05
610364.43	4206540.03	1856.50956	0.00003	0.55272	4.77881E-06	3.7390E-05
610371.43	4206540.03	1895.00705	0.00003	0.55406	4.79040E-06	3.8078E-05
610378.43	4206540.03	1934.57242	0.00003	0.55535	4.80155E-06	3.8784E-05
610385.43	4206540.03	1975.17713	0.00003	0.55657	4.81210E-06	3.9508E-05
610392.43	4206540.03	2016.72877	0.00004	0.55772	4.82204E-06	4.0247E-05
610399.43	4206540.03	2059.34924	0.00004	0.55880	4.83138E-06	4.1005E-05
610406.43	4206540.03	2102.97488	0.00004	0.55982	4.84020E-06	4.1780E-05
610413.43	4206540.03	2148.16973	0.00004	0.56081	4.84876E-06	4.2583E-05
610420.43	4206540.03	2194.48058	0.00004	0.56172	4.85663E-06	4.3404E-05
610427.43	4206540.03	2241.83214	0.00004	0.56254	4.86372E-06	4.4243E-05
610434.43	4206540.03	2290.13802	0.00004	0.56327	4.87003E-06	4.5098E-05
610441.43	4206540.03	2339.55992	0.00004	0.56390	4.87548E-06	4.5972E-05
610448.43	4206540.03	2389.91875	0.00004	0.56444	4.88015E-06	4.6861E-05
610455.43	4206540.03	2441.41966	0.00004	0.56488	4.88395E-06	4.7769E-05
610462.43	4206540.03	2493.94876	0.00004	0.56523	4.88698E-06	4.8695E-05
610469.43	4206540.03	2547.61243	0.00004	0.56548	4.88914E-06	4.9640E-05
610487.43	4206540.03	2775.19721	0.00005	0.56555	4.88974E-06	5.3638E-05
610504.43	4206540.03	2835.9443	0.00005	0.56534	4.88793E-06	5.4703E-05
610511.43	4206540.03	2898.60798	0.00005	0.56503	4.88525E-06	5.5801E-05
610518.43	4206540.03	2963.42246	0.00005	0.56463	4.88179E-06	5.6936E-05
610525.43	4206540.03	3030.7239	0.00005	0.56414	4.87755E-06	5.8114E-05
610532.43	4206540.03	3100.86264	0.00005	0.56356	4.87254E-06	5.9341E-05
610539.43	4206540.03	3174.23704	0.00006	0.56289	4.86674E-06	6.0625E-05
610546.43	4206540.03	3251.30468	0.00006	0.56213	4.86017E-06	6.1972E-05
610553.43	4206540.03	3332.47775	0.00006	0.56128	4.85282E-06	6.3390E-05
610560.43	4206540.03	3419.14492	0.00006	0.56021	4.84357E-06	6.4903E-05
610567.43	4206540.03	3511.25386	0.00006	0.55906	4.83363E-06	6.6511E-05
610574.43	4206540.03	3609.19833	0.00006	0.55782	4.82291E-06	6.8221E-05
610581.43	4206540.03	3713.58617	0.00007	0.55651	4.81158E-06	7.0043E-05
610588.43	4206540.03	3824.87617	0.00007	0.55511	4.79948E-06	7.1986E-05
610595.43	4206540.03	3943.41385	0.00007	0.55364	4.78677E-06	7.4056E-05
610602.43	4206540.03	4069.5683	0.00007	0.55207	4.77319E-06	7.6258E-05
610609.43	4206540.03	4203.49951	0.00007	0.55042	4.75893E-06	7.8596E-05
610616.43	4206540.03	4345.31236	0.00008	0.54868	4.74388E-06	8.1072E-05
610623.43	4206540.03	4495.13087	0.00008	0.54683	4.72789E-06	8.3688E-05
610630.43	4206540.03	4653.57489	0.00008	0.54485	4.71077E-06	8.6454E-05
610637.43	4206540.03	4819.68755	0.00008	0.54275	4.69261E-06	8.9354E-05
610644.43	4206540.03	4993.4511	0.00009	0.54053	4.67342E-06	9.2387E-05
610651.43	4206540.03	5174.95306	0.00009	0.53817	4.65302E-06	9.5555E-05
610658.43	4206540.03	5362.99932	0.00009	0.53570	4.63166E-06	9.8837E-05
610665.43	4206540.03	5558.5893	0.00010	0.53309	4.60909E-06	1.0225E-04
610672.43	4206540.03	5760.18489	0.00010	0.53035	4.58540E-06	1.0577E-04
610679.43	4206540.03	5969.34476	0.00010	0.52748	4.56059E-06	1.0942E-04
610686.43	4206540.03	6184.62217	0.00011	0.52448	4.53465E-06	1.1317E-04
610693.43	4206540.03	6408.14067	0.00011	0.52135	4.50759E-06	1.1707E-04
610700.43	4206540.03	6638.07456	0.00012	0.51808	4.47932E-06	1.2108E-04
610707.43	4206540.03	6867.58926	0.00012	0.51473	4.45035E-06	1.2508E-04
610714.43	4206540.03	7102.31461	0.00012	0.51124	4.42018E-06	1.2918E-04
610735.43	4206540.03	7853.79126	0.00014	0.49982	4.32144E-06	1.4228E-04

610742.43	4206540.03	8119.37461	0.00014	0.49569	4.28573E-06	1.4691E-04
610749.43	4206540.03	8396.33846	0.00015	0.49137	4.24838E-06	1.5174E-04
610812.43	4206540.03	11233.58798	0.00020	0.44313	3.83130E-06	2.0116E-04
610819.43	4206540.03	11587.69459	0.00020	0.43675	3.77614E-06	2.0732E-04
610826.43	4206540.03	11946.4054	0.00021	0.43020	3.71951E-06	2.1357E-04
610833.43	4206540.03	12308.13829	0.00022	0.42349	3.66149E-06	2.1986E-04
610840.43	4206540.03	12671.44291	0.00022	0.41665	3.60235E-06	2.2619E-04
610847.43	4206540.03	13034.26368	0.00023	0.40969	3.54218E-06	2.3250E-04
610854.43	4206540.03	13395.12226	0.00024	0.40263	3.48114E-06	2.3878E-04
610910.43	4206540.03	15985.40837	0.00028	0.34474	2.98062E-06	2.8378E-04
610917.43	4206540.03	16248.84254	0.00029	0.33757	2.91863E-06	2.8834E-04
610924.43	4206540.03	16495.79635	0.00029	0.33045	2.85707E-06	2.9262E-04
610931.43	4206540.03	16725.07887	0.00029	0.32341	2.79620E-06	2.9658E-04
610938.43	4206540.03	16935.97296	0.00030	0.31644	2.73594E-06	3.0023E-04
610945.43	4206540.03	17128.38397	0.00030	0.30956	2.67645E-06	3.0355E-04
610952.43	4206540.03	17301.86892	0.00030	0.30276	2.61766E-06	3.0654E-04
611001.43	4206540.03	18000.71369	0.00032	0.25821	2.23248E-06	3.1843E-04
611008.43	4206540.03	18031.18426	0.00032	0.25231	2.18147E-06	3.1891E-04
611015.43	4206540.03	18046.07619	0.00032	0.24654	2.13158E-06	3.1912E-04
611022.43	4206540.03	18045.78013	0.00032	0.24090	2.08282E-06	3.1907E-04
611029.43	4206540.03	18030.9783	0.00032	0.23537	2.03501E-06	3.1876E-04
611036.43	4206540.03	18002.44454	0.00032	0.22998	1.98841E-06	3.1821E-04
611043.43	4206540.03	17960.75994	0.00032	0.22471	1.94284E-06	3.1744E-04
611050.43	4206540.03	17906.60981	0.00031	0.21956	1.89831E-06	3.1644E-04
611057.43	4206540.03	17840.76557	0.00031	0.21453	1.85483E-06	3.1524E-04
611062.21	4206539.92	17799.58006	0.00031	0.21115	1.82560E-06	3.1449E-04
611078.43	4206540.03	17579.2567	0.00031	0.20018	1.73076E-06	3.1052E-04
611085.43	4206540.03	17472.87999	0.00031	0.19563	1.69142E-06	3.0862E-04
611092.43	4206540.03	17358.13714	0.00030	0.19119	1.65303E-06	3.0656E-04
610204.43	4206547.03	1495.06507	0.00003	0.51026	4.41171E-06	3.0674E-05
610301.43	4206547.03	1523.24489	0.00003	0.51240	4.43021E-06	3.1187E-05
610308.43	4206547.03	1552.29056	0.00003	0.51446	4.44802E-06	3.1715E-05
610315.43	4206547.03	1582.07737	0.00003	0.51649	4.46557E-06	3.2256E-05
610322.43	4206547.03	1612.69483	0.00003	0.51844	4.48243E-06	3.2811E-05
610329.43	4206547.03	1644.25957	0.00003	0.52033	4.49877E-06	3.3381E-05
610336.43	4206547.03	1676.61105	0.00003	0.52216	4.51459E-06	3.3965E-05
610343.43	4206547.03	1710.04903	0.00003	0.52389	4.52955E-06	3.4568E-05
610350.43	4206547.03	1744.36205	0.00003	0.52552	4.54364E-06	3.5185E-05
610357.43	4206547.03	1779.59089	0.00003	0.52706	4.55696E-06	3.5817E-05
610364.43	4206547.03	1815.66772	0.00003	0.52849	4.56932E-06	3.6463E-05
610371.43	4206547.03	1852.7519	0.00003	0.52984	4.58099E-06	3.7126E-05
610378.43	4206547.03	1890.78634	0.00003	0.53113	4.59215E-06	3.7805E-05
610385.43	4206547.03	1929.75375	0.00003	0.53236	4.60278E-06	3.8500E-05
610392.43	4206547.03	1969.65051	0.00003	0.53353	4.61290E-06	3.9211E-05
610399.43	4206547.03	2010.46571	0.00004	0.53461	4.62224E-06	3.9938E-05
610406.43	4206547.03	2052.2315	0.00004	0.53565	4.63123E-06	4.0680E-05
610413.43	4206547.03	2095.53009	0.00004	0.53668	4.64013E-06	4.1450E-05
610420.43	4206547.03	2139.79953	0.00004	0.53764	4.64843E-06	4.2236E-05
610427.43	4206547.03	2184.95487	0.00004	0.53850	4.65587E-06	4.3036E-05
610434.43	4206547.03	2231.08267	0.00004	0.53928	4.66261E-06	4.3853E-05
610441.43	4206547.03	2278.04728	0.00004	0.53996	4.66849E-06	4.4684E-05
610448.43	4206547.03	2326.05993	0.00004	0.54056	4.67368E-06	4.5533E-05
610455.43	4206547.03	2374.91397	0.00004	0.54106	4.67800E-06	4.6395E-05
610462.43	4206547.03	2424.82534	0.00004	0.54148	4.68163E-06	4.7275E-05
610469.43	4206547.03	2475.72438	0.00004	0.54180	4.68440E-06	4.8172E-05
610497.43	4206547.03	2691.2441	0.00005	0.54219	4.68777E-06	5.1961E-05
610504.43	4206547.03	2748.69647	0.00005	0.54206	4.68665E-06	5.2978E-05
610511.43	4206547.03	2808.00779	0.00005	0.54185	4.68483E-06	5.4010E-05
610518.43	4206547.03	2869.41144	0.00005	0.54154	4.68215E-06	5.5085E-05
610525.43	4206547.03	2931.18095	0.00005	0.54115	4.67878E-06	5.6202E-05
610532.43	4206547.03	2999.62668	0.00005	0.54067	4.67463E-06	5.7365E-05
610539.43	4206547.03	3069.20109	0.00005	0.54011	4.66979E-06	5.8583E-05
610546.43	4206547.03	3142.26165	0.00006	0.53947	4.66425E-06	5.9860E-05
610553.43	4206547.03	3219.32652	0.00006	0.53873	4.65786E-06	6.1208E-05
610560.43	4206547.03	3301.57446	0.00006	0.53779	4.64973E-06	6.2644E-05
610567.43	4206547.03	3389.12879	0.00006	0.53676	4.64082E-06	6.4173E-05
610574.43	4206547.03	3482.27845	0.00006	0.53564	4.63114E-06	6.5800E-05
610581.43	4206547.03	3581.56996	0.00006	0.53444	4.62077E-06	6.7534E-05
610588.43	4206547.03	3687.37161	0.00006	0.53317	4.60979E-06	6.9381E-05
610595.43	4206547.03	3800.0217	0.00007	0.53182	4.59811E-06	7.1348E-05
610602.43	4206547.03	3919.63061	0.00007	0.53040	4.58584E-06	7.3437E-05
610609.43	4206547.03	4046.77825	0.00007	0.52889	4.57278E-06	7.5657E-05
610616.43	4206547.03	4181.30564	0.00007	0.52729	4.55895E-06	7.8007E-05
610623.43	4206547.03	4323.35431	0.00008	0.52560	4.54434E-06	8.0487E-05
610630.43	4206547.03	4472.67119	0.00008	0.52380	4.52877E-06	8.3095E-05
610637.43	4206547.03	4629.88711	0.00008	0.52188	4.51217E-06	8.5840E-05
610644.43	4206547.03	4793.60815	0.00008	0.51985	4.49462E-06	8.8698E-05
610651.43	4206547.03	4964.51963	0.00009	0.51770	4.47603E-06	9.1681E-05
610658.43	4206547.03	5141.2731	0.00009	0.51544	4.45649E-06	9.4767E-05
610665.43	4206547.03	5324.87582	0.00009	0.51306	4.43591E-06	9.7971E-05
610672.43	4206547.03	5513.85654	0.00010	0.51056	4.41430E-06	1.0127E-04
610679.43	4206547.03	5708.75997	0.00010	0.50795	4.39173E-06	1.0467E-04
610686.43	4206547.03	5910.66364	0.00010	0.50520	4.36796E-06	1.0819E-04
610693.43	4206547.03	6117.98736	0.00011	0.50235	4.34332E-06	1.1181E-04
610700.43	4206547.03	6333.01651	0.00011	0.49937	4.31755E-06	1.1556E-04
610707.43	4206547.03	6543.42953	0.00011	0.49632	4.29118E-06	1.1923E-04
610714.43	4206547.03	6760.58912	0.00012	0.49315	4.26377E-06	1.2302E-04
610777.43	4206547.03	9010.1573	0.00016	0.45767	3.95701E-06	1.6223E-04
610784.43	4206547.03	9299.20484	0.00016	0.45280	3.91491E-06	1.6726E-04
610791.43	4206547.03	9596.904	0.00017	0.44774	3.87116E-06	1.7245E-04
610798.43	4206547.03	9903.03551	0.00017	0.44249	3.82577E-06	1.7778E-04
610805.43	4206547.03	10217.1134	0.00018	0.43704	3.77859E-06	1.8325E-04
610812.43	4206547.03	10538.34306	0.00019	0.43140	3.72988E-06	1.8884E-04
610819.43	4206547.03	10865.86728	0.00019	0.42559	3.67965E-06	1.9455E-04
610826.43	4206547.03	11198.65598	0.00020	0.41961	3.62795E-06	2.0034E-04
610833.43	4206547.03	11535.43485	0.00020	0.41348	3.57495E-06	2.0620E-04
610840.43	4206547.03	11874.83394	0.00021	0.40720	3.52065E-06	2.1211E-04
610847.43	4206547.03	12215.30796	0.00021	0.40080	3.46531E-06	2.1804E-04
610854.43	4206547.03	12555.30177	0.00022	0.39430	3.40912E-06	2.2395E-04
610861.43	4206547.03	12892.90814	0.00023	0.38770	3.35205E-06	2.2983E-04
610868.43	4206547.03	13226.6534	0.00023	0.38103	3.29438E-06	2.3563E-04
610875.43	4206547.03	13554.62882	0.00024	0.37430	3.23620E-06	2.4133E-04
610882.43	4206547.03	13875.21588	0.00024	0.36753	3.17766E-06	2.4691E-04
610889.43	4206547.03	14186.71802	0.00025	0.36073	3.11887E-06	2.5232E-04
610910.43	4206547.03	15053.43947	0.00026	0.34032	2.94241E-06	2.6737E-04
610917.43	4206547.03	15315.59242	0.00027	0.33355	2.88387E-06	2.7191E-04
610924.43	4206547.03	15563.33082	0.00027	0.32683	2.82577E-06	2.7621E-04
610931.43	4206547.03	15795.4983	0.00028	0.32016	2.76810E-06	2.8023E-04
610938.43	4206547.03	16011.45298	0.00028	0.31355	2.71095E-06	2.8396E-04
610945.43	4206547.03	16210.60053	0.00028	0.30700	2.65432E-06	2.8741E-04
610952.43	4206547.03	16392.65906	0.00029	0.30052	2.59829E-06	2.9055E-04
610959.43	4206547.03	16557.44194	0.00029	0.29413	2.54305E-06	2.9339E-04
610966.43	4206547.03	16704.9322	0.00029	0.28782	2.48849E-06	2.9592E-04
610973.43	4206547.03	16835.16646	0.00030	0.28160	2.43471E-06	2.9816E-04
611001.43	4206547.03	17188.60298	0.00030	0.25772	2.22825E-06	3.0416E-04
611008.43	4206547.03	17236.82972	0.00030	0.25202	2.17898E-06	3.0496E-04
611015.43	4206547.03	17269.81725	0.00030	0.24642	2.13055E-06	3.0549E-04
611022.43	4206547.03	17288.20971	0.00030	0.24094	2.08317E-06	3.0576E-04
611029.43	4206547.03	17292.57169	0.00030	0.23557	2.03674E-06	3.0579E-04
611036.43	4206547.03	17283.36023	0.00030	0.23031	1.99126E-06	3.0559E-04
611043.43	4206547.03	17261.2839	0.00030	0.22517	1.94682E-06	3.0515E-04
611050.43	4206547.03	17227.01434	0.00030	0.22014	1.90333E-06	3.0451E-04
611057.43	4206547.03	17180.91993	0.00030	0.21522	1.86079E-06	3.0366E-04
611078.43	4206547.03	16978.57288	0.00030	0.20114	1.73906E-06	2.9998E-04
611085.43	4206547.03	16891.76991	0.00030	0.19666	1.70032E-06	2.9842E-04
611092.43	4206547.03	16796.23368	0.00030	0.19229	1.66254E-06	2.9670E-04
610294.43	4206554.03	1466.09136	0.00003	0.48746	4.21458E-06	2.9968E-05
610301.43	4206554.03	1493.53297	0.00003	0.48956	4.23273E-06	3.0468E-05
610308.43	4206554.03	1521.66513	0.00003	0.49162	4.25054E-06	3.0980E-05
610315.43	4206554.03	1550.55082	0.00003	0.49361	4.26775E-06	3.1504E-05
610322.43	4206554.03	1580.33912	0.00003	0.49555	4.28452E-06	3.2044E-05
610329.43	4206554.03	1610.84536	0.00003	0.49743	4.30078E-06	3.2596E-05
610336.43	4206554.03	1642.25291	0.00003	0.49925	4.31651E-06	3.3164E-05
610343.43	4206554.03	1674.47872	0.00003	0.50100	4.33164E-06	3.3745E-05
610350.43	4206554.03	1707.57653	0.00003	0.50266	4.34600E-06	3.4341E-05
610357.43	4206554.03	1741.51278	0.00003	0.50422	4.35948E-06	3.4950E-05
610364.43	4206554.03	1776.31133	0.00003	0.50568	4.37211E-06	3.5574E-05
610371.43	4206554.03	1811.97594	0.00003	0.50704	4.38387E-06	3.6213E-05
610378.43	4206554.03	1848.51716	0.00003	0.50834	4.39511E-06	3.6866E-05
610385.43	4206554.03	1885.90308	0.00003	0.50957	4.40574E-06	3.7533E-05
610392.43	4206554.03	1924.19897	0.00003	0.51074	4.41586E-06	3.8216E-05
610399.43	4206554.03	1963.30436	0.00003	0.51185	4.42545E-06	3.8912E-05
610406.43	4206554.03	2003.33121	0.00004	0.51289	4.43444E-06	3.9624E-05
610413.43	4206554.03	2044.73909	0.00004	0.51396	4.44370E-06	4.0361E-05
610420.43	4206554.03	2087.03757	0.00004	0.51495	4.45226E-06	4.1113E-05
610427.43	4206554.03	2130.15427	0.00004	0.51586	4.46012E-06	4.1878E-05
610434.43	4206554.03	2174.09465	0.00004	0.51668	4.46721E-06	4.2657E-05
610441.43	4206554.03	2218.86577	0.00004	0.51742	4.47361E-06	4.3450E-05
610448.43	4206554.03	2264.47164	0.00004	0.51807	4.47923E-06	4.4256E-05
610455.43	4206554.03	2310.97373	0.00004	0.51863	4.48407E-06	4.5078E-05
610462.43	4206554.03	2358.28171	0.00004	0.51910	4.48814E-06	4.5913E-05
610469.43	4206554.03	2406.61324	0.00004	0.51949	4.49151E-06	4.6765E-05
610497.43	4206554.03	2610.76554	0.00005	0.52018	4.49747E-06	5.0357E-05
610504.43	4206554.03	2665.25869	0.00005	0.52013	4.49704E-06	5.1314E-05
610511.43	4206554.03	2721.39955	0.00005	0.52000	4.49592E-06	5.2298E-05
610518.43	4206554.03	2779.60623	0.00005	0.51979	4.49410E-06	5.3320E-05
610525.43	4206554.03	2840.07865	0.00005	0.51950	4.49159E-06	5.4380E-05
610532.43	4206554.03	2903.12658	0.00005	0.51912	4.48831E-06	5.5484E-05
610539.43	4206554.03	2969.17166	0.00005	0.51866	4.48433E-06	5.6640E-05
610546.43	4206554.03	3038.5597	0.00005	0.51812	4.47966E-06	5.7854E-05
610553.43	4206554.03	3111.74785	0.00005	0.51750	4.47430E-06	5.9134E-05
610560.43	4206554.03	3190.09834	0.00006	0.51666	4.46704E-06	6.0503E-05
610567.43	4206554.03	3273.46727	0.00006	0.51573	4.45900E-06	6.1960E-05
610574.43	4206554.03	3361.98836	0.00006	0.51474	4.45044E-06	6.3500E-05
610581.43	4206554.03	3456.54736	0.00006	0.51366	4.44110E-06	6.5158E-05
610588.43	4206554.03	3557.30111	0.00006	0.51250	4.43107E-06	6.6918E-05
610595.43	4206554.03	3664.34095	0.00006	0.51128	4.42052E-06	6.8787E-05
610602.43	4206554.03	3778.36105	0.00007	0.50997	4.40920E-06	7.0779E-05
610609.43	4206554.03	3898.98333	0.00007	0.50860	4.39735E-06	7.2886E-05
610616.43	4206554.03	4026.7669	0.00007	0.50714	4.38473E-06	7.5118E-05
610623.43	4206554.03	4161.31916	0.00007	0.50560	4.37142E-06	7.7468E-05
610630.43	4206554.03	4302.90751	0.00008	0.50396	4.35724E-06	7.9941E-05
610637.43	4206554.03	4451.12106	0.00008	0.50222	4.34219E-06	8.2529E-05
610644.43	4206554.03	4606.13071	0.00008	0.50036	4.32611E-06	8.5236E-05
610651.43	4206554.03	4766.75864	0.00008	0.49841	4.30925E-06	8.8041E-05
610658.43	4206554.03	4933.71025	0.00009	0.49634	4.29135E-06	9.0956E-05
610665.43	4206554.03	5105.7026	0.00009	0.49417	4.27259E-06	9.3958E-05
610672.43	4206554.03	5283.75041	0.00009	0.49188	4.25279E-06	9.7066E-05
610679.43	4206554.03	5466.4781	0.00010	0.48949	4.23213E-06	1.0025E-04
610686.43	4206554.03	5655.50756	0.00010	0.48699	4.21051E-06	1.0355E-04
610693.43	4206554.03	5849.19924	0.00010	0.48438	4.18795E-06	1.0693E-04
610700.43	4206554.03	6048.56046	0.00011	0.48167	4.16452E-06	1.1041E-04
610707.43	4206554.03	6244.17303	0.00011	0.47891	4.14065E-06	1.1382E-04
610714.43	4206554.03	6444.27981	0.00011	0.47602	4.11567E-06	1.1731E-04
610756.43	4206554.03	7753.78332	0.00014	0.45595	3.94214E-06	1.4014E-04
610763.43	4206554.03	7994.44498	0.00014	0.45208	3.90868E-06	1.4434E-04
610770.43	4206554.03	8242.8983	0.00014	0.44804	3.87375E-06	1.4867E-04
610777.43	4206554.03	8499.3687	0.00015	0.44381	3.83718E-06	1.5313E-04
610784.43	4206554.03	8764.14264	0.00015	0.43940	3.79905E-06	1.5775E-04
610791.43	4206554.03	9037.17672	0.00016	0.43481	3.75937E-06	1.6250E-04
610798.43	4206554.03	9318.38284	0.00016	0.43004	3.71812E-06	1.6740E-04
610805.43	4206554.03	9607.38046	0.00017	0.42508	3.67524E-06	1.7244E-04
610812.43	4206554.03	9903.57072	0.00017	0.41996	3.63097E-06	1.7759E-04
610819.43	4206554.03	10206.34994	0.00018	0.41466	3.58515E-06	1.8287E-04
610826.43	4206554.03	10514.87001	0.00018	0.40920	3.53794E-06	1.8824E-04
610833.43	4206554.03	10828.2075	0.00019	0.40358	3.48935E-06	1.9369E-04

610840.43	4206554.03	11144.9382	0.00020	0.39783	3.43964E-06	1.9921E-04
610847.43	4206554.03	11463.89565	0.00020	0.39195	3.38880E-06	2.0476E-04
610854.43	4206554.03	11783.59409	0.00021	0.38596	3.33701E-06	2.1032E-04
610861.43	4206554.03	12102.42084	0.00021	0.37986	3.28427E-06	2.1587E-04
610868.43	4206554.03	12418.8986	0.00022	0.37369	3.23092E-06	2.2138E-04
610875.43	4206554.03	12731.53369	0.00022	0.36745	3.17697E-06	2.2682E-04
610882.43	4206554.03	13038.67547	0.00023	0.36115	3.12250E-06	2.3216E-04
610889.43	4206554.03	13338.79488	0.00023	0.35481	3.06769E-06	2.3737E-04
610910.43	4206554.03	14183.43021	0.00025	0.33568	2.90229E-06	2.5204E-04
610917.43	4206554.03	14442.43628	0.00025	0.32931	2.84721E-06	2.5654E-04
610924.43	4206554.03	14688.93331	0.00026	0.32296	2.79231E-06	2.6081E-04
610931.43	4206554.03	14921.95677	0.00026	0.31666	2.73784E-06	2.6485E-04
610938.43	4206554.03	15140.49441	0.00027	0.31039	2.68363E-06	2.6864E-04
610945.43	4206554.03	15344.02221	0.00027	0.30417	2.62985E-06	2.7216E-04
610952.43	4206554.03	15532.26856	0.00027	0.29801	2.57659E-06	2.7541E-04
610959.43	4206554.03	15704.713	0.00028	0.29191	2.52385E-06	2.7839E-04
610966.43	4206554.03	15861.34182	0.00028	0.28588	2.47172E-06	2.8109E-04
610973.43	4206554.03	16002.12266	0.00028	0.27993	2.42027E-06	2.8351E-04
610994.43	4206554.03	16329.7448	0.00029	0.26257	2.27018E-06	2.8911E-04
611001.43	4206554.03	16408.19811	0.00029	0.25696	2.22167E-06	2.9044E-04
611008.43	4206554.03	16471.72822	0.00029	0.25145	2.17404E-06	2.9151E-04
611015.43	4206554.03	16520.76353	0.00029	0.24604	2.12726E-06	2.9233E-04
611022.43	4206554.03	16555.78917	0.00029	0.24072	2.08126E-06	2.9290E-04
611029.43	4206554.03	16577.1261	0.00029	0.23551	2.03622E-06	2.9323E-04
611036.43	4206554.03	16585.33661	0.00029	0.23040	1.99204E-06	2.9333E-04
611043.43	4206554.03	16581.01015	0.00029	0.22539	1.94872E-06	2.9321E-04
611050.43	4206554.03	16564.51558	0.00029	0.22048	1.90627E-06	2.9287E-04
611057.43	4206554.03	16536.53573	0.00029	0.21568	1.86477E-06	2.9234E-04
610294.43	4206561.03	1437.98099	0.00003	0.46600	4.02903E-06	2.9288E-05
610301.43	4206561.03	1464.67652	0.00003	0.46807	4.04693E-06	2.9776E-05
610308.43	4206561.03	1491.96882	0.00003	0.47011	4.06457E-06	3.0272E-05
610315.43	4206561.03	1520.13207	0.00003	0.47208	4.08160E-06	3.0784E-05
610322.43	4206561.03	1548.91035	0.00003	0.47400	4.09820E-06	3.1310E-05
610329.43	4206561.03	1578.4648	0.00003	0.47587	4.11437E-06	3.1841E-05
610336.43	4206561.03	1608.8575	0.00003	0.47767	4.12993E-06	3.2391E-05
610343.43	4206561.03	1639.9875	0.00003	0.47943	4.14515E-06	3.2953E-05
610350.43	4206561.03	1671.95385	0.00003	0.48110	4.15959E-06	3.3529E-05
610357.43	4206561.03	1704.61896	0.00003	0.48268	4.17325E-06	3.4116E-05
610364.43	4206561.03	1738.22269	0.00003	0.48416	4.18604E-06	3.4718E-05
610371.43	4206561.03	1772.50662	0.00003	0.48554	4.19798E-06	3.5333E-05
610378.43	4206561.03	1807.6006	0.00003	0.48683	4.20913E-06	3.5961E-05
610385.43	4206561.03	1843.57729	0.00003	0.48808	4.21994E-06	3.6604E-05
610392.43	4206561.03	1880.26254	0.00003	0.48925	4.23005E-06	3.7258E-05
610399.43	4206561.03	1917.81204	0.00003	0.49038	4.23982E-06	3.7928E-05
610406.43	4206561.03	1956.07565	0.00003	0.49143	4.24890E-06	3.8609E-05
610413.43	4206561.03	1995.69178	0.00004	0.49252	4.25833E-06	3.9314E-05
610420.43	4206561.03	2036.11348	0.00004	0.49355	4.26723E-06	4.0033E-05
610427.43	4206561.03	2077.26449	0.00004	0.49450	4.27544E-06	4.0764E-05
610434.43	4206561.03	2119.13326	0.00004	0.49536	4.28288E-06	4.1507E-05
610441.43	4206561.03	2161.78011	0.00004	0.49614	4.28962E-06	4.2263E-05
610448.43	4206561.03	2205.16061	0.00004	0.49684	4.29568E-06	4.3031E-05
610455.43	4206561.03	2249.29441	0.00004	0.49746	4.30104E-06	4.3812E-05
610462.43	4206561.03	2294.30319	0.00004	0.49799	4.30562E-06	4.4607E-05
610469.43	4206561.03	2340.10884	0.00004	0.49844	4.30951E-06	4.5415E-05
610497.43	4206561.03	2533.67604	0.00004	0.49940	4.31781E-06	4.8824E-05
610504.43	4206561.03	2585.28775	0.00005	0.49944	4.31816E-06	4.9731E-05
610511.43	4206561.03	2638.56829	0.00005	0.49939	4.31772E-06	5.0664E-05
610518.43	4206561.03	2693.77234	0.00005	0.49926	4.31660E-06	5.1635E-05
610525.43	4206561.03	2751.15433	0.00005	0.49906	4.31487E-06	5.2641E-05
610532.43	4206561.03	2811.08346	0.00005	0.49877	4.31236E-06	5.3691E-05
610539.43	4206561.03	2873.80935	0.00005	0.49841	4.30925E-06	5.4790E-05
610546.43	4206561.03	2939.83125	0.00005	0.49797	4.30545E-06	5.594E-05
610553.43	4206561.03	3009.45424	0.00005	0.49745	4.30095E-06	5.7164E-05
610560.43	4206561.03	3084.08733	0.00005	0.49673	4.29473E-06	5.8469E-05
610567.43	4206561.03	3163.4584	0.00006	0.49591	4.28764E-06	5.985E-05
610574.43	4206561.03	3248.07026	0.00006	0.49501	4.27985E-06	6.1335E-05
610581.43	4206561.03	3338.0379	0.00006	0.49405	4.27155E-06	6.2907E-05
610588.43	4206561.03	3433.88565	0.00006	0.49301	4.26256E-06	6.4581E-05
610595.43	4206561.03	3536.08171	0.00006	0.49188	4.25279E-06	6.636E-05
610602.43	4206561.03	3644.52316	0.00006	0.49071	4.24268E-06	6.8261E-05
610609.43	4206561.03	3759.35949	0.00007	0.48946	4.23187E-06	7.026E-05
610616.43	4206561.03	3880.68309	0.00007	0.48814	4.22046E-06	7.238E-05
610623.43	4206561.03	4008.56519	0.00007	0.48673	4.20827E-06	7.4622E-05
610630.43	4206561.03	4143.0974	0.00007	0.48522	4.19521E-06	7.6972E-05
610637.43	4206561.03	4283.36003	0.00008	0.48364	4.18155E-06	7.9422E-05
610644.43	4206561.03	4429.91598	0.00008	0.48195	4.16694E-06	8.198E-05
610651.43	4206561.03	4581.56487	0.00008	0.48017	4.15155E-06	8.4638E-05
610658.43	4206561.03	4738.50305	0.00008	0.47829	4.13529E-06	8.7371E-05
610665.43	4206561.03	4901.01316	0.00009	0.47630	4.11809E-06	9.0208E-05
610672.43	4206561.03	5067.80663	0.00009	0.47422	4.10010E-06	9.3120E-05
610679.43	4206561.03	5240.04878	0.00009	0.47204	4.08126E-06	9.6127E-05
610686.43	4206561.03	5416.45999	0.00010	0.46975	4.06146E-06	9.9206E-05
610693.43	4206561.03	5598.62955	0.00010	0.46737	4.04088E-06	1.0238E-04
610700.43	4206561.03	5780.66578	0.00010	0.46492	4.01970E-06	1.0556E-04
610707.43	4206561.03	5961.40953	0.00010	0.46240	3.99791E-06	1.0871E-04
610714.43	4206561.03	6145.80822	0.00011	0.45977	3.97517E-06	1.1193E-04
610735.43	4206561.03	6724.1189	0.00012	0.45120	3.90107E-06	1.2202E-04
610742.43	4206561.03	6926.51397	0.00012	0.44811	3.87436E-06	1.2554E-04
610749.43	4206561.03	7134.48788	0.00013	0.44488	3.84643E-06	1.2917E-04
610756.43	4206561.03	7348.52673	0.00013	0.44151	3.81729E-06	1.3290E-04
610763.43	4206561.03	7569.12778	0.00013	0.43800	3.78695E-06	1.3674E-04
610770.43	4206561.03	7796.84913	0.00014	0.43433	3.75523E-06	1.4071E-04
610777.43	4206561.03	8031.95091	0.00014	0.43049	3.72201E-06	1.4481E-04
610784.43	4206561.03	8274.7636	0.00015	0.42649	3.68743E-06	1.4904E-04
610791.43	4206561.03	8525.3702	0.00015	0.42231	3.65129E-06	1.5341E-04
610798.43	4206561.03	8783.76191	0.00015	0.41797	3.61377E-06	1.5791E-04
610805.43	4206561.03	9049.79582	0.00016	0.41347	3.57486E-06	1.6254E-04
610812.43	4206561.03	9322.96587	0.00016	0.40880	3.53448E-06	1.6730E-04
610819.43	4206561.03	9602.89075	0.00017	0.40396	3.49264E-06	1.7217E-04
610826.43	4206561.03	9888.80546	0.00017	0.39898	3.44958E-06	1.7715E-04
610833.43	4206561.03	10179.96263	0.00018	0.39384	3.40514E-06	1.8222E-04
610840.43	4206561.03	10475.29473	0.00018	0.38856	3.35949E-06	1.8737E-04
610847.43	4206561.03	10773.66078	0.00019	0.38316	3.31280E-06	1.9256E-04
610854.43	4206561.03	11073.72972	0.00019	0.37764	3.26507E-06	1.9778E-04
610861.43	4206561.03	11374.28484	0.00020	0.37202	3.21648E-06	2.0301E-04
610868.43	4206561.03	11673.8465	0.00021	0.36630	3.16703E-06	2.0823E-04
610875.43	4206561.03	11970.98853	0.00021	0.36051	3.11697E-06	2.1340E-04
610882.43	4206561.03	12264.26298	0.00022	0.35466	3.06639E-06	2.1850E-04
610889.43	4206561.03	12552.25379	0.00022	0.34875	3.01529E-06	2.235E-04
610910.43	4206561.03	13371.64073	0.00023	0.33084	2.86044E-06	2.377E-04
610917.43	4206561.03	13625.78307	0.00024	0.32485	2.80865E-06	2.4216E-04
610924.43	4206561.03	13869.57069	0.00024	0.31888	2.75703E-06	2.4639E-04
610931.43	4206561.03	14101.52817	0.00025	0.31292	2.70550E-06	2.5041E-04
610938.43	4206561.03	14320.78867	0.00025	0.30699	2.65423E-06	2.5421E-04
610945.43	4206561.03	14526.73318	0.00026	0.30110	2.60331E-06	2.5778E-04
610952.43	4206561.03	14718.8586	0.00026	0.29524	2.55264E-06	2.6110E-04
610959.43	4206561.03	14896.86434	0.00026	0.28944	2.50250E-06	2.6418E-04
610966.43	4206561.03	15060.40478	0.00026	0.28369	2.45278E-06	2.6700E-04
610973.43	4206561.03	15209.33709	0.00027	0.27800	2.40359E-06	2.6957E-04
610994.43	4206561.03	15568.64709	0.00027	0.26135	2.25963E-06	2.7573E-04
611001.43	4206561.03	15659.46826	0.00028	0.25595	2.21294E-06	2.7728E-04
611008.43	4206561.03	15736.23128	0.00028	0.25063	2.16695E-06	2.7859E-04
611015.43	4206561.03	15799.18853	0.00028	0.24541	2.12181E-06	2.7965E-04
611022.43	4206561.03	15848.68295	0.00028	0.24026	2.07729E-06	2.8047E-04
611029.43	4206561.03	15885.07215	0.00028	0.23521	2.03362E-06	2.8107E-04
611036.43	4206561.03	15908.90064	0.00028	0.23025	1.99074E-06	2.8144E-04
611043.43	4206561.03	15920.37848	0.00028	0.22538	1.94863E-06	2.8160E-04
611050.43	4206561.03	15920.10142	0.00028	0.22061	1.90739E-06	2.8156E-04
611057.43	4206561.03	15908.61582	0.00028	0.21593	1.86693E-06	2.8131E-04
610294.43	4206568.03	1410.32571	0.00002	0.44577	3.85413E-06	2.8628E-05
610301.43	4206568.03	1436.23976	0.00003	0.44782	3.87185E-06	2.9100E-05
610308.43	4206568.03	1462.7739	0.00003	0.44983	3.88923E-06	2.9584E-05
610315.43	4206568.03	1489.99963	0.00003	0.45179	3.90617E-06	3.0079E-05
610322.43	4206568.03	1518.02886	0.00003	0.45369	3.92260E-06	3.0588E-05
610329.43	4206568.03	1546.64901	0.00003	0.45554	3.93860E-06	3.1107E-05
610336.43	4206568.03	1576.12252	0.00003	0.45734	3.95416E-06	3.1640E-05
610343.43	4206568.03	1606.21751	0.00003	0.45908	3.96920E-06	3.2184E-05
610350.43	4206568.03	1637.10197	0.00003	0.46075	3.98364E-06	3.2741E-05
610357.43	4206568.03	1668.71843	0.00003	0.46233	3.99730E-06	3.3310E-05
610364.43	4206568.03	1701.00001	0.00003	0.46380	4.01001E-06	3.3889E-05
610371.43	4206568.03	1734.10459	0.00003	0.46519	4.02203E-06	3.4483E-05
610378.43	4206568.03	1767.91013	0.00003	0.46650	4.03336E-06	3.5088E-05
610385.43	4206568.03	1802.50356	0.00003	0.46776	4.04425E-06	3.5707E-05
610392.43	4206568.03	1837.7148	0.00003	0.46895	4.05454E-06	3.6335E-05
610399.43	4206568.03	1873.74752	0.00003	0.47009	4.06440E-06	3.6978E-05
610406.43	4206568.03	1910.41069	0.00003	0.47116	4.07365E-06	3.7631E-05
610413.43	4206568.03	1948.3459	0.00003	0.47229	4.08342E-06	3.8308E-05
610420.43	4206568.03	1986.98075	0.00003	0.47335	4.09258E-06	3.8995E-05
610427.43	4206568.03	2026.27104	0.00004	0.47434	4.10114E-06	3.9694E-05
610434.43	4206568.03	2066.25946	0.00004	0.47524	4.10892E-06	4.0404E-05
610441.43	4206568.03	2106.83284	0.00004	0.47606	4.11601E-06	4.1124E-05
610448.43	4206568.03	2148.14201	0.00004	0.47680	4.12241E-06	4.1856E-05
610455.43	4206568.03	2190.14732	0.00004	0.47746	4.12812E-06	4.2600E-05
610462.43	4206568.03	2232.82247	0.00004	0.47803	4.13305E-06	4.3354E-05
610469.43	4206568.03	2276.35456	0.00004	0.47853	4.13737E-06	4.4123E-05
610497.43	4206568.03	2459.9303	0.00004	0.47972	4.14766E-06	4.7358E-05
610504.43	4206568.03	2508.85253	0.00004	0.47984	4.14869E-06	4.8219E-05
610511.43	4206568.03	2559.40933	0.00004	0.47988	4.14904E-06	4.9107E-05
610518.43	4206568.03	2611.85772	0.00005	0.47983	4.14861E-06	5.0028E-05
610525.43	4206568.03	2666.36589	0.00005	0.47972	4.14766E-06	5.0984E-05
610532.43	4206568.03	2723.32902	0.00005	0.47952	4.14593E-06	5.1983E-05
610539.43	4206568.03	2782.97418	0.00005	0.47926	4.14368E-06	5.3029E-05
610546.43	4206568.03	2845.79817	0.00005	0.47892	4.14074E-06	5.4129E-05
610553.43	4206568.03	2912.04226	0.00005	0.47851	4.13720E-06	5.5285E-05
610560.43	4206568.03	2983.17892	0.00005	0.47789	4.13183E-06	5.653E-05
610567.43	4206568.03	3058.81056	0.00005	0.47720	4.12587E-06	5.785E-05
610574.43	4206568.03	3139.29274	0.00006	0.47643	4.11921E-06	5.926E-05
610581.43	4206568.03	3224.98367	0.00006	0.47558	4.11186E-06	6.0761E-05
610588.43	4206568.03	3316.22746	0.00006	0.47466	4.10391E-06	6.2356E-05
610595.43	4206568.03	3413.25111	0.00006	0.47367	4.09535E-06	6.405E-05
610602.43	4206568.03	3516.50733	0.00006	0.47259	4.08601E-06	6.585E-05
610609.43	4206568.03	3625.52463	0.00006	0.47146	4.07624E-06	6.7761E-05
610616.43	4206568.03	3740.61134	0.00007	0.47027	4.06595E-06	6.9773E-05
610623.43	4206568.03	3861.79515	0.00007	0.46899	4.05489E-06	7.1890E-05
610630.43	4206568.03	3989.13531	0.00007	0.46762	4.04304E-06	7.4115E-05
610637.43	4206568.03	4122.10706	0.00007	0.46616	4.03042E-06	7.6438E-05
610644.43	4206568.03	4260.58248	0.00007	0.46462	4.01710E-06	7.8857E-05
610651.43	4206568.03	4404.05995	0.00008	0.46299	4.00301E-06	8.1364E-05
610658.43	4206568.03	4552.46829	0.00008	0.46126	3.98805E-06	8.3955E-05
610665.43	4206568.03	4705.43059	0.00008	0.45945	3.97240E-06	8.6627E-05
610672.43	4206568.03	4862.84078	0.00009	0.45754	3.95588E-06	8.9375E-05
610679.43	4206568.03	5024.5025	0.00009	0.45553	3.93851E-06	9.2198E-05
610686.43	4206568.03	5190.52643	0.00009	0.45344	3.92044E-06	9.5096E-05
610693.43	4206568.03	5360.94737	0.00009	0.45127	3.90168E-06	9.8071E-05
610700.43	4206568.03	5527.02155	0.00010	0.44904	3.88240E-06	1.0097E-04
610707.43	4206568.03	5695.1387	0.00010	0.44674	3.86251E-06	1.0390E-04
610714.43	4206568.03	5866.35102	0.00010	0.44434	3.84176E-06	1.0689E-04
610735.43	4206568.03	6401.11136	0.00011	0.43653	3.77424E-06	1.1621E-04
610742.43	4206568.03	6587.59788	0.00012	0.43371	3.74985E-06	1.1947E-04
610749.43	4206568.03	6778.96816	0.00012	0.43077	3.72444E-06	1.2280E-04
610756.43	4206568.03	6975.70683	0.00012	0.42771	3.69798E-06	1.2623E-04
610763.43	4206568.03	7178.34312	0.00013	0.42451	3.67031E-06	1.2976E-04
610770.43	4206568.03	7387.38979	0.00013	0.42118	3.64152E-06	1.3341E-04
610777.43	4206568.03	7603.17112	0.00013	0.41769	3.61135E-06	1.3717E-04
610784.43	4206568.03	7826.11193	0.00014	0.41404	3.57979E-06	1.4105E-04
610791.43	4206568.03	8056.33624	0.00014	0.41024	3.54693E-06	1.4506E-04

610798.43	4206568.03	8293.97479	0.00015	0.40629	3.51278E-06	1.4920E-04
610805.43	4206568.03	8538.96341	0.00015	0.40219	3.47733E-06	1.5347E-04
610812.43	4206568.03	8790.9835	0.00015	0.39793	3.44059E-06	1.5786E-04
610819.43	4206568.03	9049.78777	0.00016	0.39352	3.40237E-06	1.6237E-04
610826.43	4206568.03	9314.68529	0.00016	0.38896	3.36295E-06	1.6698E-04
610833.43	4206568.03	9585.16397	0.00017	0.38426	3.32231E-06	1.7169E-04
610840.43	4206568.03	9860.2872	0.00017	0.37942	3.28046E-06	1.7648E-04
610847.43	4206568.03	10139.02466	0.00018	0.37446	3.23758E-06	1.8134E-04
610854.43	4206568.03	10420.41661	0.00018	0.36938	3.19366E-06	1.8624E-04
610861.43	4206568.03	10703.1915	0.00019	0.36419	3.14878E-06	1.9116E-04
610868.43	4206568.03	10986.12896	0.00019	0.35891	3.10313E-06	1.9608E-04
610875.43	4206568.03	11267.87348	0.00020	0.35354	3.05677E-06	2.0099E-04
610882.43	4206568.03	11547.16893	0.00020	0.34810	3.00967E-06	2.0584E-04
610889.43	4206568.03	11822.73274	0.00021	0.34260	2.96212E-06	2.1064E-04
610910.43	4206568.03	12614.31256	0.00022	0.32586	2.81738E-06	2.2446E-04
610917.43	4206568.03	12862.57565	0.00023	0.32023	2.76871E-06	2.2871E-04
610924.43	4206568.03	13101.99808	0.00023	0.31461	2.72012E-06	2.3287E-04
610931.43	4206568.03	13331.39748	0.00023	0.30899	2.67153E-06	2.3695E-04
610938.43	4206568.03	13549.78336	0.00024	0.30339	2.62311E-06	2.4063E-04
610945.43	4206568.03	13756.35131	0.00024	0.29781	2.57486E-06	2.4422E-04
610952.43	4206568.03	13950.6895	0.00025	0.29225	2.52679E-06	2.4758E-04
610959.43	4206568.03	14132.32035	0.00025	0.28673	2.47907E-06	2.5072E-04
610966.43	4206568.03	14300.84372	0.00025	0.28126	2.43177E-06	2.5364E-04
610973.43	4206568.03	14455.99054	0.00025	0.27583	2.38482E-06	2.5631E-04
610994.43	4206568.03	14840.73917	0.00026	0.25988	2.24692E-06	2.6294E-04
611001.43	4206568.03	14942.0331	0.00026	0.25469	2.20205E-06	2.6467E-04
611008.43	4206568.03	15030.00262	0.00026	0.24958	2.15787E-06	2.6617E-04
611015.43	4206568.03	15105.07221	0.00027	0.24454	2.11429E-06	2.6745E-04
611022.43	4206568.03	15167.23764	0.00027	0.23957	2.07132E-06	2.6849E-04
611029.43	4206568.03	15217.00207	0.00027	0.23469	2.02913E-06	2.6933E-04
611036.43	4206568.03	15254.48021	0.00027	0.22988	1.98754E-06	2.6994E-04
611043.43	4206568.03	15280.17316	0.00027	0.22516	1.94673E-06	2.7035E-04
611050.43	4206568.03	15294.50525	0.00027	0.22052	1.90661E-06	2.7057E-04
611057.43	4206568.03	15297.66055	0.00027	0.21596	1.86719E-06	2.7058E-04
611078.43	4206568.03	15245.48081	0.00027	0.20281	1.75349E-06	2.6955E-04
611085.43	4206568.03	15208.98859	0.00027	0.19860	1.71709E-06	2.6887E-04
611092.43	4206568.03	15163.53467	0.00027	0.19448	1.68147E-06	2.6804E-04
610294.43	4206575.03	1383.58353	0.00002	0.42665	3.68881E-06	2.7992E-05
610301.43	4206575.03	1408.70464	0.00002	0.42868	3.70637E-06	2.8451E-05
610308.43	4206575.03	1434.565	0.00003	0.43067	3.72357E-06	2.8923E-05
610315.43	4206575.03	1461.00216	0.00003	0.43260	3.74026E-06	2.9404E-05
610322.43	4206575.03	1488.155	0.00003	0.43449	3.75660E-06	2.9897E-05
610329.43	4206575.03	1515.93705	0.00003	0.43633	3.77251E-06	3.0401E-05
610336.43	4206575.03	1544.43533	0.00003	0.43811	3.78790E-06	3.0917E-05
610343.43	4206575.03	1573.54758	0.00003	0.43984	3.80285E-06	3.1443E-05
610350.43	4206575.03	1603.38242	0.00003	0.44150	3.81721E-06	3.1982E-05
610357.43	4206575.03	1633.9029	0.00003	0.44308	3.83087E-06	3.2532E-05
610364.43	4206575.03	1665.05864	0.00003	0.44456	3.84366E-06	3.3092E-05
610371.43	4206575.03	1696.97553	0.00003	0.44595	3.85568E-06	3.3664E-05
610378.43	4206575.03	1729.49885	0.00003	0.44727	3.86709E-06	3.4247E-05
610385.43	4206575.03	1762.72303	0.00003	0.44854	3.87807E-06	3.4842E-05
610392.43	4206575.03	1796.58132	0.00003	0.44974	3.88845E-06	3.5447E-05
610399.43	4206575.03	1831.11026	0.00003	0.45090	3.89848E-06	3.6063E-05
610406.43	4206575.03	1866.2357	0.00003	0.45198	3.90782E-06	3.6690E-05
610413.43	4206575.03	1902.49623	0.00003	0.45314	3.91785E-06	3.7337E-05
610420.43	4206575.03	1939.47931	0.00003	0.45425	3.92744E-06	3.7996E-05
610427.43	4206575.03	1976.99281	0.00003	0.45527	3.93626E-06	3.8664E-05
610434.43	4206575.03	2015.11402	0.00004	0.45621	3.94439E-06	3.9341E-05
610441.43	4206575.03	2053.80988	0.00004	0.45707	3.95182E-06	4.0029E-05
610448.43	4206575.03	2093.07237	0.00004	0.45784	3.95848E-06	4.0725E-05
610455.43	4206575.03	2133.03213	0.00004	0.45854	3.96453E-06	4.1433E-05
610462.43	4206575.03	2173.62958	0.00004	0.45915	3.96983E-06	4.2151E-05
610469.43	4206575.03	2214.93843	0.00004	0.45969	3.97448E-06	4.2881E-05
610497.43	4206575.03	2389.1952	0.00004	0.46110	3.98667E-06	4.5955E-05
610504.43	4206575.03	2435.6539	0.00004	0.46129	3.98831E-06	4.6772E-05
610511.43	4206575.03	2483.70278	0.00004	0.46139	3.98918E-06	4.7617E-05
610518.43	4206575.03	2533.46536	0.00004	0.46144	3.98961E-06	4.8492E-05
610525.43	4206575.03	2585.32684	0.00005	0.46140	3.98926E-06	4.9402E-05
610532.43	4206575.03	2639.53482	0.00005	0.46130	3.98840E-06	5.0354E-05
610539.43	4206575.03	2696.36542	0.00005	0.46112	3.98684E-06	5.1350E-05
610546.43	4206575.03	2756.11976	0.00005	0.46089	3.98485E-06	5.2398E-05
610553.43	4206575.03	2819.24283	0.00005	0.46057	3.98209E-06	5.3504E-05
610560.43	4206575.03	2886.99397	0.00005	0.46008	3.97785E-06	5.4690E-05
610567.43	4206575.03	2959.18401	0.00005	0.45949	3.97275E-06	5.5953E-05
610574.43	4206575.03	3035.77942	0.00005	0.45884	3.96713E-06	5.7293E-05
610581.43	4206575.03	3117.3392	0.00005	0.45812	3.96090E-06	5.8719E-05
610588.43	4206575.03	3204.23208	0.00006	0.45731	3.95390E-06	6.0239E-05
610595.43	4206575.03	3296.39479	0.00006	0.45645	3.94646E-06	6.1850E-05
610602.43	4206575.03	3394.34083	0.00006	0.45550	3.93825E-06	6.3562E-05
610609.43	4206575.03	3497.64828	0.00006	0.45450	3.92960E-06	6.5368E-05
610616.43	4206575.03	3606.78701	0.00006	0.45341	3.92018E-06	6.7276E-05
610623.43	4206575.03	3721.3225	0.00007	0.45227	3.91032E-06	6.9278E-05
610630.43	4206575.03	3841.83565	0.00007	0.45102	3.89952E-06	7.1384E-05
610637.43	4206575.03	3967.85443	0.00007	0.44968	3.88793E-06	7.3586E-05
610644.43	4206575.03	4098.59926	0.00007	0.44827	3.87574E-06	7.5871E-05
610651.43	4206575.03	4234.35254	0.00007	0.44677	3.86277E-06	7.8242E-05
610658.43	4206575.03	4374.59228	0.00008	0.44518	3.84902E-06	8.0692E-05
610665.43	4206575.03	4519.00707	0.00008	0.44351	3.83459E-06	8.3214E-05
610672.43	4206575.03	4666.83339	0.00008	0.44176	3.81945E-06	8.5796E-05
610679.43	4206575.03	4819.09362	0.00008	0.43992	3.80355E-06	8.8454E-05
610686.43	4206575.03	4975.31074	0.00009	0.43799	3.78686E-06	9.1182E-05
610693.43	4206575.03	5134.58501	0.00009	0.43601	3.76974E-06	9.3962E-05
610700.43	4206575.03	5290.49163	0.00009	0.43396	3.75202E-06	9.6683E-05
610707.43	4206575.03	5447.2178	0.00010	0.43186	3.73386E-06	9.9418E-05
610714.43	4206575.03	5606.46577	0.00010	0.42967	3.71492E-06	1.0220E-04
610735.43	4206575.03	6102.02282	0.00011	0.42254	3.65328E-06	1.1084E-04
610742.43	4206575.03	6274.24398	0.00011	0.41997	3.63106E-06	1.1384E-04
610749.43	4206575.03	6450.69035	0.00011	0.41729	3.60788E-06	1.1692E-04
610756.43	4206575.03	6631.88284	0.00012	0.41449	3.58368E-06	1.2008E-04
610763.43	4206575.03	6818.34228	0.00012	0.41158	3.55852E-06	1.2333E-04
610770.43	4206575.03	7010.55225	0.00012	0.40855	3.53232E-06	1.2668E-04
610777.43	4206575.03	7208.88977	0.00013	0.40537	3.50483E-06	1.3013E-04
610784.43	4206575.03	7413.89273	0.00013	0.40204	3.47604E-06	1.3371E-04
610791.43	4206575.03	7625.63659	0.00013	0.39859	3.44621E-06	1.3740E-04
610798.43	4206575.03	7844.40437	0.00014	0.39499	3.41508E-06	1.4121E-04
610805.43	4206575.03	8070.16375	0.00014	0.39125	3.38275E-06	1.4514E-04
610812.43	4206575.03	8302.71976	0.00015	0.38736	3.34911E-06	1.4919E-04
610819.43	4206575.03	8541.94042	0.00015	0.38334	3.31436E-06	1.5336E-04
610826.43	4206575.03	8787.37844	0.00015	0.37917	3.27830E-06	1.5764E-04
610833.43	4206575.03	9038.51709	0.00016	0.37486	3.24104E-06	1.6201E-04
610840.43	4206575.03	9294.70093	0.00016	0.37043	3.20274E-06	1.6647E-04
610847.43	4206575.03	9554.97529	0.00017	0.36587	3.16331E-06	1.7100E-04
610854.43	4206575.03	9818.53957	0.00017	0.36119	3.12285E-06	1.7559E-04
610861.43	4206575.03	10084.30479	0.00018	0.35641	3.08152E-06	1.8022E-04
610868.43	4206575.03	10351.07659	0.00018	0.35152	3.03924E-06	1.8488E-04
610875.43	4206575.03	10617.80179	0.00019	0.34656	2.99636E-06	1.8951E-04
610882.43	4206575.03	10883.42262	0.00019	0.34151	2.95269E-06	1.9413E-04
610889.43	4206575.03	11146.49055	0.00020	0.33640	2.90851E-06	1.9870E-04
610910.43	4206575.03	11908.87997	0.00021	0.32076	2.77329E-06	2.1196E-04
610917.43	4206575.03	12150.48246	0.00021	0.31548	2.72764E-06	2.1616E-04
610924.43	4206575.03	12384.65917	0.00022	0.31020	2.68199E-06	2.2023E-04
610931.43	4206575.03	12610.23044	0.00022	0.30490	2.63616E-06	2.2414E-04
610938.43	4206575.03	12826.11748	0.00023	0.29962	2.59051E-06	2.2789E-04
610945.43	4206575.03	13031.9248	0.00023	0.29434	2.54486E-06	2.3146E-04
610952.43	4206575.03	13226.67929	0.00023	0.28907	2.49930E-06	2.3484E-04
610959.43	4206575.03	13410.11245	0.00024	0.28383	2.45399E-06	2.3801E-04
610966.43	4206575.03	13581.74763	0.00024	0.27862	2.40895E-06	2.4098E-04
610973.43	4206575.03	13741.48342	0.00024	0.27345	2.36425E-06	2.4374E-04
610994.43	4206575.03	14146.0835	0.00025	0.25820	2.23240E-06	2.5072E-04
611001.43	4206575.03	14256.00082	0.00025	0.25322	2.18934E-06	2.5261E-04
611008.43	4206575.03	14353.50706	0.00025	0.24830	2.14680E-06	2.5428E-04
611015.43	4206575.03	14438.69545	0.00025	0.24345	2.10487E-06	2.5573E-04
611022.43	4206575.03	14511.76339	0.00025	0.23866	2.06345E-06	2.5697E-04
611029.43	4206575.03	14572.97969	0.00026	0.23394	2.02264E-06	2.5801E-04
611036.43	4206575.03	14622.50141	0.00026	0.22929	1.98244E-06	2.5884E-04
611043.43	4206575.03	14660.7921	0.00026	0.22472	1.94293E-06	2.5947E-04
611050.43	4206575.03	14687.9079	0.00026	0.22022	1.90402E-06	2.5991E-04
611057.43	4206575.03	14704.48331	0.00026	0.21579	1.86572E-06	2.6016E-04
611078.43	4206575.03	14693.72929	0.00026	0.20299	1.75505E-06	2.5986E-04
611085.43	4206575.03	14671.26314	0.00026	0.19888	1.71952E-06	2.5943E-04
611092.43	4206575.03	14640.07257	0.00026	0.19484	1.68459E-06	2.5885E-04
610294.43	4206582.03	1357.74217	0.00002	0.40855	3.53232E-06	2.7382E-05
610301.43	4206582.03	1382.18603	0.00002	0.41056	3.54970E-06	2.7829E-05
610308.43	4206582.03	1407.28916	0.00002	0.41253	3.56673E-06	2.8287E-05
610315.43	4206582.03	1432.93599	0.00003	0.41444	3.58325E-06	2.8754E-05
610322.43	4206582.03	1459.29855	0.00003	0.41632	3.59950E-06	2.9233E-05
610329.43	4206582.03	1486.17531	0.00003	0.41814	3.61524E-06	2.9721E-05
610336.43	4206582.03	1513.72417	0.00003	0.41991	3.63054E-06	3.0220E-05
610343.43	4206582.03	1541.96596	0.00003	0.42163	3.64541E-06	3.0731E-05
610350.43	4206582.03	1570.73833	0.00003	0.42328	3.65968E-06	3.1251E-05
610357.43	4206582.03	1600.22487	0.00003	0.42486	3.67334E-06	3.1782E-05
610364.43	4206582.03	1630.29358	0.00003	0.42633	3.68605E-06	3.2323E-05
610371.43	4206582.03	1661.00444	0.00003	0.42774	3.69824E-06	3.2875E-05
610378.43	4206582.03	1692.29498	0.00003	0.42906	3.70965E-06	3.3436E-05
610385.43	4206582.03	1724.23758	0.00003	0.43035	3.72080E-06	3.4008E-05
610392.43	4206582.03	1756.72861	0.00003	0.43156	3.73127E-06	3.4589E-05
610399.43	4206582.03	1789.78384	0.00003	0.43271	3.74121E-06	3.5180E-05
610406.43	4206582.03	1823.45724	0.00003	0.43383	3.75089E-06	3.5781E-05
610413.43	4206582.03	1858.19492	0.00003	0.43502	3.76118E-06	3.6402E-05
610420.43	4206582.03	1893.49098	0.00003	0.43616	3.77104E-06	3.7032E-05
610427.43	4206582.03	1929.27667	0.00003	0.43721	3.78012E-06	3.7669E-05
610434.43	4206582.03	1965.64634	0.00003	0.43818	3.78850E-06	3.8317E-05
610441.43	4206582.03	2002.49149	0.00004	0.43908	3.79628E-06	3.8972E-05
610448.43	4206582.03	2039.92626	0.00004	0.43989	3.80329E-06	3.9636E-05
610455.43	4206582.03	2077.91533	0.00004	0.44063	3.80968E-06	4.0310E-05
610462.43	4206582.03	2116.49094	0.00004	0.44128	3.81530E-06	4.0993E-05
610469.43	4206582.03	2155.78503	0.00004	0.44185	3.82023E-06	4.1688E-05
610497.43	4206582.03	2321.24167	0.00004	0.44347	3.83424E-06	4.4609E-05
610504.43	4206582.03	2365.38352	0.00004	0.44372	3.83640E-06	4.5386E-05
610511.43	4206582.03	2411.0738	0.00004	0.44389	3.83787E-06	4.6190E-05
610518.43	4206582.03	2458.46477	0.00004	0.44400	3.83882E-06	4.7024E-05
610525.43	4206582.03	2507.82969	0.00004	0.44405	3.83925E-06	4.7891E-05
610532.43	4206582.03	2559.44164	0.00004	0.44402	3.83899E-06	4.8797E-05
610539.43	4206582.03	2613.5884	0.00005	0.44394	3.83830E-06	4.9748E-05
610546.43	4206582.03	2670.5812	0.00005	0.44378	3.83692E-06	5.0748E-05
610553.43	4206582.03	2730.80487	0.00005	0.44356	3.83502E-06	5.1804E-05
610560.43	4206582.03	2795.50679	0.00005	0.44317	3.83165E-06	5.2937E-05
610567.43	4206582.03	2864.19507	0.00005	0.44271	3.82767E-06	5.4139E-05
610574.43	4206582.03	2937.34928	0.00005	0.44217	3.82300E-06	5.5420E-05
610581.43	4206582.03	3015.17189	0.00005	0.44155	3.81764E-06	5.6781E-05
610588.43	4206582.03	3097.74699	0.00005	0.44088	3.81185E-06	5.8226E-05
610595.43	4206582.03	3185.5354	0.00006	0.44012	3.80528E-06	5.9762E-05
610602.43	4206582.03	3278.54455	0.00006	0.43929	3.79810E-06	6.1388E-05
610609.43	4206582.03	3376.56581	0.00006	0.43841	3.79049E-06	6.3102E-05
610616.43	4206582.03	3479.92962	0.00006	0.43745	3.78219E-06	6.4910E-05
610623.43	4206582.03	3588.54763	0.00006	0.43641	3.77320E-06	6.6809E-05
610630.43	4206582.03	3702.71883	0.00007	0.43528	3.76343E-06	6.8804E-05
610637.43	4206582.03	3822.03669	0.00007	0.43405	3.75279E-06	7.0890E-05
610644.43	4206582.03	3946.3507	0.00007	0.43275	3.74155E-06	7.3062E-05
610651.43	4206582.03	4074.57992	0.00007	0.43137	3.72962E-06	7.5303E-05
610658.43	4206582.03	4207.27245	0.00007	0.42991	3.71700E-06	7.7621E-05
610665.43	4206582.03	4343.33125	0.00008	0.42838	3.70377E-06	7.9998E-05
610672.43	4206582.03	4483.45185	0.00008	0.42677	3.68985E-06	8.2443E-05
610679.43	4206582.03	4626.51548	0.00008	0.42508	3.67524E-06	8.4943E-05
610686.43	4206582.03	4773.04818	0.00008	0.42332	3.66002E-06	8.7502E-05
610693.43	4206582.03	4923.67816	0.00009	0.42149	3.64420E-06	9.0132E-05

610700.43	4206582.03	5069.52622	0.00009	0.41961	3.62795E-06	9.2678E-05
610707.43	4206582.03	5215.88126	0.00009	0.41770	3.61143E-06	9.5232E-05
610714.43	4206582.03	5364.32306	0.00009	0.41570	3.59414E-06	9.7822E-05
610735.43	4206582.03	5824.48193	0.00010	0.40919	3.53785E-06	1.0585E-04
610742.43	4206582.03	5983.85295	0.00011	0.40684	3.51754E-06	1.0863E-04
610749.43	4206582.03	6146.90267	0.00011	0.40439	3.49635E-06	1.1147E-04
610756.43	4206582.03	6314.12116	0.00011	0.40184	3.47431E-06	1.1439E-04
610763.43	4206582.03	6485.99568	0.00011	0.39919	3.45139E-06	1.1738E-04
610770.43	4206582.03	6663.03942	0.00012	0.39642	3.42745E-06	1.2047E-04
610777.43	4206582.03	6845.64631	0.00012	0.39352	3.40237E-06	1.2365E-04
610784.43	4206582.03	7034.30378	0.00012	0.39049	3.37617E-06	1.2694E-04
610791.43	4206582.03	7229.27222	0.00013	0.38734	3.34894E-06	1.3034E-04
610798.43	4206582.03	7430.81061	0.00013	0.38405	3.32049E-06	1.3385E-04
610805.43	4206582.03	7638.99934	0.00013	0.38064	3.29101E-06	1.3748E-04
610812.43	4206582.03	7853.77608	0.00014	0.37709	3.26032E-06	1.4122E-04
610819.43	4206582.03	8074.96361	0.00014	0.37341	3.22850E-06	1.4507E-04
610826.43	4206582.03	8302.3337	0.00015	0.36960	3.19556E-06	1.4903E-04
610833.43	4206582.03	8535.44623	0.00015	0.36566	3.16149E-06	1.5309E-04
610840.43	4206582.03	8773.8149	0.00015	0.36159	3.12631E-06	1.5724E-04
610847.43	4206582.03	9016.70574	0.00016	0.35740	3.09008E-06	1.6148E-04
610854.43	4206582.03	9263.39539	0.00016	0.35310	3.05290E-06	1.6577E-04
610861.43	4206582.03	9512.85036	0.00017	0.34869	3.01477E-06	1.7011E-04
610868.43	4206582.03	9764.17923	0.00017	0.34418	2.97578E-06	1.7449E-04
610875.43	4206582.03	10016.32753	0.00018	0.33958	2.93601E-06	1.7888E-04
610882.43	4206582.03	10268.18369	0.00018	0.33490	2.89554E-06	1.8326E-04
610889.43	4206582.03	10518.63215	0.00018	0.33015	2.85448E-06	1.8762E-04
610910.43	4206582.03	11251.02748	0.00020	0.31556	2.72833E-06	2.0036E-04
610917.43	4206582.03	11485.0844	0.00020	0.31061	2.68553E-06	2.0443E-04
610924.43	4206582.03	11713.11054	0.00021	0.30565	2.64265E-06	2.0839E-04
610931.43	4206582.03	11933.7798	0.00021	0.30067	2.59959E-06	2.1223E-04
610938.43	4206582.03	12146.23981	0.00021	0.29569	2.55653E-06	2.1591E-04
610945.43	4206582.03	12349.86617	0.00022	0.29070	2.51339E-06	2.1945E-04
610952.43	4206582.03	12543.82643	0.00022	0.28572	2.47033E-06	2.2281E-04
610959.43	4206582.03	12727.82964	0.00022	0.28075	2.42736E-06	2.2600E-04
610966.43	4206582.03	12901.18669	0.00023	0.27580	2.38457E-06	2.2900E-04
610973.43	4206582.03	13063.75591	0.00023	0.27087	2.34194E-06	2.3182E-04
610994.43	4206582.03	13483.54276	0.00024	0.25631	2.21606E-06	2.3906E-04
611001.43	4206582.03	13600.37256	0.00024	0.25154	2.17481E-06	2.4108E-04
611008.43	4206582.03	13705.70877	0.00024	0.24682	2.13400E-06	2.4288E-04
611015.43	4206582.03	13799.54436	0.00024	0.24216	2.09371E-06	2.4449E-04
611022.43	4206582.03	13881.8884	0.00024	0.23755	2.05386E-06	2.4590E-04
611029.43	4206582.03	13953.03488	0.00025	0.23300	2.01452E-06	2.4711E-04
611036.43	4206582.03	14013.12711	0.00025	0.22851	1.97570E-06	2.4813E-04
611043.43	4206582.03	14062.32886	0.00025	0.22408	1.93739E-06	2.4895E-04
611050.43	4206582.03	14100.94251	0.00025	0.21972	1.89970E-06	2.4959E-04
611057.43	4206582.03	14129.37046	0.00025	0.21543	1.86261E-06	2.5006E-04
611078.43	4206582.03	14155.93998	0.00025	0.20298	1.75496E-06	2.5041E-04
611085.43	4206582.03	14146.36432	0.00025	0.19897	1.72029E-06	2.5021E-04
611092.43	4206582.03	14128.24683	0.00025	0.19503	1.68623E-06	2.4986E-04
610294.43	4206589.03	1332.76106	0.00002	0.39141	3.38413E-06	2.6795E-05
610301.43	4206589.03	1356.49112	0.00002	0.39339	3.40125E-06	2.7229E-05
610308.43	4206589.03	1380.89019	0.00002	0.39534	3.41811E-06	2.7674E-05
610315.43	4206589.03	1405.78024	0.00002	0.39724	3.43454E-06	2.8128E-05
610322.43	4206589.03	1431.25255	0.00003	0.39909	3.45053E-06	2.8592E-05
610329.43	4206589.03	1457.3883	0.00003	0.40090	3.46618E-06	2.9066E-05
610336.43	4206589.03	1484.0424	0.00003	0.40266	3.48140E-06	2.9550E-05
610343.43	4206589.03	1511.32731	0.00003	0.40437	3.49618E-06	3.0044E-05
610350.43	4206589.03	1539.14	0.00003	0.40601	3.51036E-06	3.0546E-05
610357.43	4206589.03	1567.61021	0.00003	0.40758	3.52393E-06	3.1060E-05
610364.43	4206589.03	1596.53957	0.00003	0.40906	3.53673E-06	3.1581E-05
610371.43	4206589.03	1626.14993	0.00003	0.41047	3.54892E-06	3.2113E-05
610378.43	4206589.03	1656.23356	0.00003	0.41180	3.56042E-06	3.2653E-05
610385.43	4206589.03	1686.86898	0.00003	0.41308	3.57149E-06	3.3203E-05
610392.43	4206589.03	1718.07823	0.00003	0.41431	3.58212E-06	3.3761E-05
610399.43	4206589.03	1749.76912	0.00003	0.41548	3.59224E-06	3.4328E-05
610406.43	4206589.03	1782.00898	0.00003	0.41661	3.60201E-06	3.4904E-05
610413.43	4206589.03	1815.26043	0.00003	0.41784	3.61264E-06	3.5499E-05
610420.43	4206589.03	1848.97493	0.00003	0.41901	3.62276E-06	3.6101E-05
610427.43	4206589.03	1883.14953	0.00003	0.42008	3.63201E-06	3.6711E-05
610434.43	4206589.03	1917.78306	0.00003	0.42109	3.64074E-06	3.7328E-05
610441.43	4206589.03	1952.91108	0.00003	0.42202	3.64878E-06	3.7953E-05
610448.43	4206589.03	1988.52344	0.00003	0.42288	3.65622E-06	3.8586E-05
610455.43	4206589.03	2024.64226	0.00004	0.42364	3.66279E-06	3.9227E-05
610462.43	4206589.03	2061.31933	0.00004	0.42433	3.66876E-06	3.9877E-05
610469.43	4206589.03	2098.6761	0.00004	0.42494	3.67403E-06	4.0539E-05
610497.43	4206589.03	2255.94668	0.00004	0.42674	3.68959E-06	4.3317E-05
610504.43	4206589.03	2297.9692	0.00004	0.42705	3.69227E-06	4.4058E-05
610511.43	4206589.03	2341.42846	0.00004	0.42729	3.69435E-06	4.4823E-05
610518.43	4206589.03	2386.60899	0.00004	0.42746	3.69582E-06	4.5618E-05
610525.43	4206589.03	2433.64874	0.00004	0.42758	3.69685E-06	4.6446E-05
610532.43	4206589.03	2482.82955	0.00004	0.42763	3.69729E-06	4.7310E-05
610539.43	4206589.03	2534.51195	0.00004	0.42763	3.69729E-06	4.8218E-05
610546.43	4206589.03	2588.95446	0.00005	0.42755	3.69660E-06	4.9173E-05
610553.43	4206589.03	2646.39833	0.00005	0.42741	3.69538E-06	5.0181E-05
610560.43	4206589.03	2708.19707	0.00005	0.42712	3.69288E-06	5.1264E-05
610567.43	4206589.03	2773.86402	0.00005	0.42676	3.68976E-06	5.2415E-05
610574.43	4206589.03	2843.63128	0.00005	0.42633	3.68605E-06	5.3637E-05
610581.43	4206589.03	2917.84617	0.00005	0.42582	3.68164E-06	5.4936E-05
610588.43	4206589.03	2996.68522	0.00005	0.42525	3.67676E-06	5.6316E-05
610595.43	4206589.03	3080.25354	0.00005	0.42461	3.67118E-06	5.7778E-05
610602.43	4206589.03	3168.6875	0.00006	0.42390	3.66504E-06	5.9325E-05
610609.43	4206589.03	3261.97453	0.00006	0.42312	3.65829E-06	6.0957E-05
610616.43	4206589.03	3360.03228	0.00006	0.42227	3.65094E-06	6.2672E-05
610623.43	4206589.03	3462.95959	0.00006	0.42135	3.64299E-06	6.4472E-05
610630.43	4206589.03	3571.24278	0.00006	0.42032	3.63408E-06	6.6366E-05
610637.43	4206589.03	3684.62125	0.00006	0.41920	3.62440E-06	6.8347E-05
610644.43	4206589.03	3802.28877	0.00007	0.41801	3.61411E-06	7.0404E-05
610651.43	4206589.03	3923.95819	0.00007	0.41675	3.60322E-06	7.2538E-05
610658.43	4206589.03	4049.6977	0.00007	0.41540	3.59155E-06	7.4727E-05
610665.43	4206589.03	4178.5291	0.00007	0.41399	3.57936E-06	7.6978E-05
610672.43	4206589.03	4310.61086	0.00008	0.41251	3.56656E-06	7.9286E-05
610679.43	4206589.03	4445.71366	0.00008	0.41096	3.55316E-06	8.1645E-05
610686.43	4206589.03	4584.01525	0.00008	0.40934	3.53915E-06	8.4061E-05
610693.43	4206589.03	4725.31543	0.00008	0.40766	3.52463E-06	8.6528E-05
610700.43	4206589.03	4862.69901	0.00009	0.40595	3.50984E-06	8.8927E-05
610707.43	4206589.03	4999.63087	0.00009	0.40420	3.49471E-06	9.1317E-05
610714.43	4206589.03	5138.25152	0.00009	0.40237	3.47888E-06	9.3736E-05
610735.43	4206589.03	5566.47608	0.00010	0.39642	3.42745E-06	1.0121E-04
610742.43	4206589.03	5714.25161	0.00010	0.39428	3.40894E-06	1.0378E-04
610749.43	4206589.03	5865.21085	0.00010	0.39204	3.38958E-06	1.0642E-04
610756.43	4206589.03	6019.75321	0.00011	0.38971	3.36943E-06	1.0911E-04
610763.43	4206589.03	6178.46502	0.00011	0.38729	3.34851E-06	1.1188E-04
610770.43	4206589.03	6341.80189	0.00011	0.38476	3.32663E-06	1.1473E-04
610777.43	4206589.03	6510.16852	0.00011	0.38212	3.30381E-06	1.1766E-04
610784.43	4206589.03	6684.10299	0.00012	0.37935	3.27986E-06	1.2069E-04
610791.43	4206589.03	6863.84853	0.00012	0.37647	3.25498E-06	1.2382E-04
610798.43	4206589.03	7049.67685	0.00012	0.37348	3.22911E-06	1.2706E-04
610805.43	4206589.03	7241.75033	0.00013	0.37036	3.20213E-06	1.3041E-04
610812.43	4206589.03	7440.1595	0.00013	0.36712	3.17412E-06	1.3387E-04
610819.43	4206589.03	7644.81299	0.00013	0.36376	3.14507E-06	1.3743E-04
610826.43	4206589.03	7855.51835	0.00014	0.36027	3.11489E-06	1.4110E-04
610833.43	4206589.03	8071.99567	0.00014	0.35666	3.08368E-06	1.4487E-04
610840.43	4206589.03	8293.80828	0.00015	0.35292	3.05134E-06	1.4874E-04
610847.43	4206589.03	8520.34829	0.00015	0.34907	3.01806E-06	1.5268E-04
610854.43	4206589.03	8750.93603	0.00015	0.34512	2.98391E-06	1.5670E-04
610861.43	4206589.03	8984.87507	0.00016	0.34105	2.94872E-06	1.6077E-04
610868.43	4206589.03	9221.27997	0.00016	0.33689	2.91275E-06	1.6489E-04
610875.43	4206589.03	9459.21529	0.00017	0.33263	2.87592E-06	1.6903E-04
610882.43	4206589.03	9697.71617	0.00017	0.32830	2.83848E-06	1.7319E-04
610889.43	4206589.03	9935.75144	0.00017	0.32388	2.80026E-06	1.7733E-04
610910.43	4206589.03	10637.06891	0.00019	0.31028	2.68268E-06	1.8953E-04
610917.43	4206589.03	10863.41484	0.00019	0.30565	2.64265E-06	1.9347E-04
610924.43	4206589.03	11084.49721	0.00019	0.30100	2.60244E-06	1.9731E-04
610931.43	4206589.03	11299.56728	0.00020	0.29632	2.56198E-06	2.0105E-04
610938.43	4206589.03	11507.73173	0.00020	0.29162	2.52135E-06	2.0466E-04
610945.43	4206589.03	11708.0716	0.00021	0.28691	2.48062E-06	2.0814E-04
610952.43	4206589.03	11900.22229	0.00021	0.28220	2.43990E-06	2.1148E-04
610959.43	4206589.03	12083.4271	0.00021	0.27750	2.39926E-06	2.1465E-04
610966.43	4206589.03	12257.29854	0.00022	0.27280	2.35863E-06	2.1767E-04
610973.43	4206589.03	12421.38427	0.00022	0.26812	2.31816E-06	2.2051E-04
610994.43	4206589.03	12852.06558	0.00023	0.25423	2.19807E-06	2.2795E-04
611001.43	4206589.03	12974.46209	0.00023	0.24967	2.15865E-06	2.3006E-04
611008.43	4206589.03	13086.14862	0.00023	0.24515	2.11957E-06	2.3199E-04
611015.43	4206589.03	13187.07849	0.00023	0.24067	2.08083E-06	2.3372E-04
611022.43	4206589.03	13277.31765	0.00023	0.23624	2.04253E-06	2.3527E-04
611029.43	4206589.03	13356.98835	0.00023	0.23185	2.00457E-06	2.3663E-04
611036.43	4206589.03	13426.05154	0.00024	0.22753	1.96722E-06	2.3781E-04
611043.43	4206589.03	13484.91918	0.00024	0.22325	1.93022E-06	2.3880E-04
611050.43	4206589.03	13533.69188	0.00024	0.21904	1.89382E-06	2.3962E-04
611057.43	4206589.03	13572.52153	0.00024	0.21488	1.85785E-06	2.4027E-04
611078.43	4206589.03	13632.74314	0.00024	0.20279	1.75332E-06	2.4122E-04
611085.43	4206589.03	13634.9565	0.00024	0.19889	1.71960E-06	2.4123E-04
611092.43	4206589.03	13628.56549	0.00024	0.19506	1.68649E-06	2.4108E-04
610294.43	4206596.03	1308.54675	0.00002	0.37516	3.24363E-06	2.6229E-05
610301.43	4206596.03	1331.64204	0.00002	0.37712	3.26058E-06	2.6653E-05
610308.43	4206596.03	1355.22491	0.00002	0.37904	3.27718E-06	2.7083E-05
610315.43	4206596.03	1379.4619	0.00002	0.38092	3.29343E-06	2.7525E-05
610322.43	4206596.03	1404.15748	0.00002	0.38276	3.30934E-06	2.7974E-05
610329.43	4206596.03	1429.47261	0.00003	0.38455	3.32482E-06	2.8435E-05
610336.43	4206596.03	1455.2362	0.00003	0.38629	3.33986E-06	2.8902E-05
610343.43	4206596.03	1481.63498	0.00003	0.38799	3.35456E-06	2.9381E-05
610350.43	4206596.03	1508.49507	0.00003	0.38963	3.36874E-06	2.9867E-05
610357.43	4206596.03	1535.90787	0.00003	0.39119	3.38223E-06	3.0362E-05
610364.43	4206596.03	1563.84393	0.00003	0.39267	3.39502E-06	3.0865E-05
610371.43	4206596.03	1592.26616	0.00003	0.39407	3.40713E-06	3.1376E-05
610378.43	4206596.03	1621.24043	0.00003	0.39542	3.41880E-06	3.1897E-05
610385.43	4206596.03	1650.66585	0.00003	0.39671	3.42995E-06	3.2425E-05
610392.43	4206596.03	1680.61997	0.00003	0.39795	3.44067E-06	3.2962E-05
610399.43	4206596.03	1710.96057	0.00003	0.39913	3.45088E-06	3.3505E-05
610406.43	4206596.03	1741.83276	0.00003	0.40027	3.46073E-06	3.4057E-05
610413.43	4206596.03	1773.56854	0.00003	0.40152	3.47154E-06	3.4626E-05
610420.43	4206596.03	1805.82373	0.00003	0.40272	3.48192E-06	3.5203E-05
610427.43	4206596.03	1838.44747	0.00003	0.40384	3.49160E-06	3.5785E-05
610434.43	4206596.03	1871.4781	0.00003	0.40487	3.50050E-06	3.6374E-05
610441.43	4206596.03	1904.91891	0.00003	0.40584	3.50889E-06	3.6970E-05
610448.43	4206596.03	1938.79169	0.00003	0.40671	3.51641E-06	3.7573E-05
610455.43	4206596.03	1973.19204	0.00003	0.40752	3.52342E-06	3.8184E-05
610462.43	4206596.03	2008.09695	0.00004	0.40824	3.52964E-06	3.8803E-05
610469.43	4206596.03	2043.60947	0.00004	0.40889	3.53526E-06	3.9433E-05
610497.43	4206596.03	2193.24282	0.00004	0.41086	3.55229E-06	4.2078E-05
610504.43	4206596.03	2233.19641	0.00004	0.41122	3.55541E-06	4.2783E-05
610511.43	4206596.03	2274.66553	0.00004	0.41151	3.55791E-06	4.3514E-05
610518.43	4206596.03	2317.69538	0.00004	0.41176	3.56007E-06	4.4272E-05
610525.43	4206596.03	2362.59472	0.00004	0.41193	3.56154E-06	4.5062E-05
610532.43	4206596.03	2409.58438	0.00004	0.41206	3.56267E-06	4.5889E-05
610539.43	4206596.03	2458.93532	0.00004	0.41211	3.56310E-06	4.6756E-05
610546.43	4206596.03	2510.88695	0.00004	0.41212	3.56319E-06	4.7669E-05
610553.43	4206596.03	2565.82579	0.00005	0.41206	3.56267E-06	4.8633E-05
610560.43	4206596.03	2624.84515	0.00005	0.41187	3.56103E-06	4.9668E-05
610567.43	4206596.03	2687.72591	0.00005	0.41160	3.55869E-06	5.0771E-05
610574.43	4206596.03	2754.36664	0.00005	0.41126	3.55575E-06	5.1938E-05
610581.43	4206596.03	2825.16887	0.00005	0.41086	3.55229E-06	5.3178E-05
610588.43	4206596.03	2900.34534	0.00005	0.41040	3.54832E-06	5.4492E-05
610595.43	4206596.03	2979.96103	0.00005	0.40986	3.54365E-06	5.5889E-05
610602.43	4206596.03	3064.33808	0.00005	0.40925	3.53837E-06	5.7366E-05
610609.43	4206596.03	3153.02624	0.00006	0.40858	3.53258E-06	5.8918E-05

610616.43	4206596.03	3246.12861	0.00006	0.40784	3.52618E-06	6.0547E-05
610623.43	4206596.03	3343.94714	0.00006	0.40702	3.51909E-06	6.2258E-05
610630.43	4206596.03	3446.83833	0.00006	0.40610	3.51114E-06	6.4057E-05
610637.43	4206596.03	3554.69709	0.00006	0.40507	3.50223E-06	6.5943E-05
610644.43	4206596.03	3666.56456	0.00006	0.40397	3.49272E-06	6.7899E-05
610651.43	4206596.03	3782.12563	0.00007	0.40281	3.48269E-06	6.9919E-05
610658.43	4206596.03	3901.13483	0.00007	0.40158	3.47206E-06	7.1998E-05
610665.43	4206596.03	4022.81237	0.00007	0.40030	3.46099E-06	7.4125E-05
610672.43	4206596.03	4147.87709	0.00007	0.39894	3.44923E-06	7.6310E-05
610679.43	4206596.03	4275.72395	0.00008	0.39751	3.43687E-06	7.8543E-05
610686.43	4206596.03	4406.44281	0.00008	0.39602	3.42399E-06	8.0826E-05
610693.43	4206596.03	4539.88641	0.00008	0.39447	3.41059E-06	8.3157E-05
610700.43	4206596.03	4668.83935	0.00008	0.39291	3.39710E-06	8.5409E-05
610707.43	4206596.03	4797.16768	0.00008	0.39131	3.38326E-06	8.7649E-05
610714.43	4206596.03	4926.85389	0.00009	0.38965	3.36891E-06	8.9913E-05
610735.43	4206596.03	5326.08454	0.00009	0.38421	3.32188E-06	9.6878E-05
610742.43	4206596.03	5463.39313	0.00010	0.38225	3.30493E-06	9.9273E-05
610749.43	4206596.03	5603.37275	0.00010	0.38021	3.28729E-06	1.0171E-04
610756.43	4206596.03	5746.52417	0.00010	0.37808	3.26888E-06	1.0421E-04
610763.43	4206596.03	5893.37255	0.00010	0.37587	3.24977E-06	1.0677E-04
610770.43	4206596.03	6044.30098	0.00011	0.37356	3.22988E-06	1.0940E-04
610777.43	4206596.03	6199.74164	0.00011	0.37114	3.20887E-06	1.1211E-04
610784.43	4206596.03	6360.27287	0.00011	0.36861	3.18700E-06	1.1491E-04
610791.43	4206596.03	6526.13981	0.00011	0.36598	3.16426E-06	1.1780E-04
610798.43	4206596.03	6697.73878	0.00012	0.36325	3.14066E-06	1.2079E-04
610805.43	4206596.03	6875.2007	0.00012	0.36040	3.11602E-06	1.2388E-04
610812.43	4206596.03	7058.61894	0.00012	0.35744	3.09042E-06	1.2708E-04
610819.43	4206596.03	7247.99658	0.00013	0.35436	3.06379E-06	1.3038E-04
610826.43	4206596.03	7443.25283	0.00013	0.35117	3.03621E-06	1.3378E-04
610833.43	4206596.03	7644.19716	0.00013	0.34786	3.00768E-06	1.3728E-04
610840.43	4206596.03	7850.55287	0.00014	0.34443	2.97794E-06	1.4088E-04
610847.43	4206596.03	8061.74923	0.00014	0.34090	2.94742E-06	1.4456E-04
610854.43	4206596.03	8277.28258	0.00015	0.33726	2.91595E-06	1.4831E-04
610861.43	4206596.03	8496.52373	0.00015	0.33351	2.88353E-06	1.5213E-04
610868.43	4206596.03	8718.66075	0.00015	0.32967	2.85033E-06	1.5600E-04
610875.43	4206596.03	8942.90388	0.00016	0.32573	2.81626E-06	1.5990E-04
610882.43	4206596.03	9168.42969	0.00016	0.32172	2.78159E-06	1.6383E-04
610889.43	4206596.03	9394.28842	0.00017	0.31762	2.74614E-06	1.6778E-04
610910.43	4206596.03	10064.55892	0.00018	0.30495	2.63660E-06	1.7943E-04
610917.43	4206596.03	10282.417	0.00018	0.30062	2.59916E-06	1.8322E-04
610924.43	4206596.03	10496.24549	0.00018	0.29625	2.56138E-06	1.8694E-04
610931.43	4206596.03	10705.04664	0.00019	0.29186	2.52342E-06	1.9057E-04
610938.43	4206596.03	10908.05602	0.00019	0.28744	2.48520E-06	1.9409E-04
610945.43	4206596.03	11104.47883	0.00020	0.28300	2.44682E-06	1.9751E-04
610952.43	4206596.03	11293.75986	0.00020	0.27856	2.40843E-06	2.0079E-04
610959.43	4206596.03	11475.29587	0.00020	0.27410	2.36987E-06	2.0394E-04
610966.43	4206596.03	11648.49867	0.00020	0.26965	2.33139E-06	2.0695E-04
610973.43	4206596.03	11813.11362	0.00021	0.26521	2.29300E-06	2.0982E-04
610994.43	4206596.03	12250.87415	0.00022	0.25199	2.17870E-06	2.1737E-04
611001.43	4206596.03	12377.55239	0.00022	0.24762	2.14092E-06	2.1956E-04
611008.43	4206596.03	12494.26356	0.00022	0.24330	2.10357E-06	2.2157E-04
611015.43	4206596.03	12600.96498	0.00022	0.23900	2.06639E-06	2.2341E-04
611022.43	4206596.03	12697.74039	0.00022	0.23475	2.02965E-06	2.2507E-04
611029.43	4206596.03	12784.45658	0.00022	0.23053	1.99316E-06	2.2656E-04
611036.43	4206596.03	12861.4691	0.00023	0.22637	1.95719E-06	2.2788E-04
611043.43	4206596.03	12928.58488	0.00023	0.22225	1.92157E-06	2.2902E-04
611050.43	4206596.03	12986.07868	0.00023	0.21818	1.88638E-06	2.3000E-04
611057.43	4206596.03	13034.30397	0.00023	0.21416	1.85163E-06	2.3081E-04
611078.43	4206596.03	13124.44188	0.00023	0.20244	1.75030E-06	2.3229E-04
611085.43	4206596.03	13137.15995	0.00023	0.19865	1.71753E-06	2.3248E-04
611092.43	4206596.03	13141.74334	0.00023	0.19491	1.68519E-06	2.3253E-04
610294.43	4206603.03	1285.04012	0.00002	0.35972	3.11014E-06	2.5683E-05
610301.43	4206603.03	1307.50063	0.00002	0.36167	3.12700E-06	2.6094E-05
610308.43	4206603.03	1330.44375	0.00002	0.36357	3.14342E-06	2.6514E-05
610315.43	4206603.03	1353.93042	0.00002	0.36543	3.15951E-06	2.6942E-05
610322.43	4206603.03	1377.87845	0.00002	0.36725	3.17524E-06	2.7379E-05
610329.43	4206603.03	1402.35582	0.00002	0.36903	3.19063E-06	2.7824E-05
610336.43	4206603.03	1427.31025	0.00003	0.37075	3.20550E-06	2.8277E-05
610343.43	4206603.03	1452.80633	0.00003	0.37245	3.22020E-06	2.8740E-05
610350.43	4206603.03	1478.71365	0.00003	0.37407	3.23421E-06	2.9209E-05
610357.43	4206603.03	1505.14967	0.00003	0.37562	3.24761E-06	2.9687E-05
610364.43	4206603.03	1532.09	0.00003	0.37710	3.26040E-06	3.0173E-05
610371.43	4206603.03	1559.40841	0.00003	0.37850	3.27251E-06	3.0665E-05
610378.43	4206603.03	1587.28279	0.00003	0.37986	3.28427E-06	3.1166E-05
610385.43	4206603.03	1615.51879	0.00003	0.38115	3.29542E-06	3.1673E-05
610392.43	4206603.03	1644.22685	0.00003	0.38240	3.30623E-06	3.2188E-05
610399.43	4206603.03	1673.30685	0.00003	0.38359	3.31652E-06	3.2709E-05
610406.43	4206603.03	1702.80478	0.00003	0.38473	3.32637E-06	3.3237E-05
610413.43	4206603.03	1733.19927	0.00003	0.38603	3.33761E-06	3.3783E-05
610420.43	4206603.03	1763.96297	0.00003	0.38724	3.34808E-06	3.4333E-05
610427.43	4206603.03	1795.12679	0.00003	0.38839	3.35802E-06	3.4891E-05
610434.43	4206603.03	1826.59702	0.00003	0.38946	3.36727E-06	3.5453E-05
610441.43	4206603.03	1858.46518	0.00003	0.39045	3.37583E-06	3.6021E-05
610448.43	4206603.03	1890.72982	0.00003	0.39136	3.38370E-06	3.6596E-05
610455.43	4206603.03	1923.4516	0.00003	0.39220	3.39096E-06	3.7178E-05
610462.43	4206603.03	1956.64863	0.00003	0.39295	3.39744E-06	3.7767E-05
610469.43	4206603.03	1990.4793	0.00003	0.39363	3.40332E-06	3.8368E-05
610497.43	4206603.03	2132.94047	0.00004	0.39576	3.42174E-06	4.0888E-05
610504.43	4206603.03	2171.04269	0.00004	0.39617	3.42528E-06	4.1561E-05
610511.43	4206603.03	2210.56446	0.00004	0.39652	3.42831E-06	4.2258E-05
610518.43	4206603.03	2251.65711	0.00004	0.39681	3.43082E-06	4.2983E-05
610525.43	4206603.03	2294.54796	0.00004	0.39705	3.43289E-06	4.3738E-05
610532.43	4206603.03	2339.4123	0.00004	0.39724	3.43454E-06	4.4528E-05
610539.43	4206603.03	2386.62202	0.00004	0.39736	3.43557E-06	4.5358E-05
610546.43	4206603.03	2436.33831	0.00004	0.39743	3.43618E-06	4.6232E-05
610553.43	4206603.03	2488.89427	0.00004	0.39744	3.43626E-06	4.7156E-05
610560.43	4206603.03	2545.4478	0.00004	0.39733	3.43531E-06	4.8148E-05
610567.43	4206603.03	2605.4276	0.00005	0.39716	3.43384E-06	4.9200E-05
610574.43	4206603.03	2669.25834	0.00005	0.39691	3.43168E-06	5.0319E-05
610581.43	4206603.03	2736.89299	0.00005	0.39661	3.42909E-06	5.1505E-05
610588.43	4206603.03	2808.79565	0.00005	0.39623	3.42580E-06	5.2764E-05
610595.43	4206603.03	2884.73524	0.00005	0.39580	3.42208E-06	5.4095E-05
610602.43	4206603.03	2965.15597	0.00005	0.39529	3.41768E-06	5.5503E-05
610609.43	4206603.03	3049.52558	0.00005	0.39473	3.41283E-06	5.6988E-05
610616.43	4206603.03	3138.25555	0.00006	0.39408	3.40721E-06	5.8533E-05
610623.43	4206603.03	3230.91652	0.00006	0.39338	3.40116E-06	6.0155E-05
610630.43	4206603.03	3328.96543	0.00006	0.39254	3.39390E-06	6.1870E-05
610637.43	4206603.03	3431.68372	0.00006	0.39160	3.38577E-06	6.3666E-05
610644.43	4206603.03	3537.89281	0.00006	0.39061	3.37721E-06	6.5523E-05
610651.43	4206603.03	3647.73257	0.00006	0.38955	3.36805E-06	6.7443E-05
610658.43	4206603.03	3760.84558	0.00007	0.38842	3.35828E-06	6.9420E-05
610665.43	4206603.03	3876.36886	0.00007	0.38724	3.34808E-06	7.1439E-05
610672.43	4206603.03	3994.98161	0.00007	0.38598	3.33718E-06	7.3512E-05
610679.43	4206603.03	4115.65397	0.00007	0.38468	3.32594E-06	7.5620E-05
610686.43	4206603.03	4239.35368	0.00007	0.38331	3.31410E-06	7.7781E-05
610693.43	4206603.03	4364.9258	0.00008	0.38189	3.30182E-06	7.9976E-05
610700.43	4206603.03	4486.79451	0.00008	0.38046	3.28946E-06	8.2103E-05
610707.43	4206603.03	4607.28068	0.00008	0.37900	3.27683E-06	8.4207E-05
610714.43	4206603.03	4728.85683	0.00008	0.37748	3.26369E-06	8.6338E-05
610735.43	4206603.03	5101.68879	0.00009	0.37252	3.22081E-06	9.2836E-05
610742.43	4206603.03	5229.51358	0.00009	0.37073	3.20533E-06	9.5066E-05
610749.43	4206603.03	5359.62359	0.00009	0.36886	3.18916E-06	9.7335E-05
610756.43	4206603.03	5492.46103	0.00010	0.36692	3.17239E-06	9.9651E-05
610763.43	4206603.03	5628.4678	0.00010	0.36489	3.15484E-06	1.0202E-04
610770.43	4206603.03	5768.16428	0.00010	0.36279	3.13668E-06	1.0446E-04
610777.43	4206603.03	5911.98642	0.00010	0.36057	3.11749E-06	1.0697E-04
610784.43	4206603.03	6060.36882	0.00011	0.35826	3.09751E-06	1.0955E-04
610791.43	4206603.03	6213.62508	0.00011	0.35586	3.07676E-06	1.1222E-04
610798.43	4206603.03	6372.18231	0.00011	0.35336	3.05515E-06	1.1499E-04
610805.43	4206603.03	6536.21712	0.00011	0.35076	3.03267E-06	1.1785E-04
610812.43	4206603.03	6705.89093	0.00012	0.34805	3.00924E-06	1.2080E-04
610819.43	4206603.03	6881.2732	0.00012	0.34523	2.98486E-06	1.2386E-04
610826.43	4206603.03	7062.31356	0.00012	0.34231	2.95961E-06	1.2701E-04
610833.43	4206603.03	7248.92997	0.00013	0.33927	2.93333E-06	1.3027E-04
610840.43	4206603.03	7440.84803	0.00013	0.33613	2.90618E-06	1.3361E-04
610847.43	4206603.03	7637.69138	0.00013	0.33288	2.87808E-06	1.3704E-04
610854.43	4206603.03	7839.06644	0.00014	0.32953	2.84911E-06	1.4055E-04
610861.43	4206603.03	8044.3718	0.00014	0.32608	2.81929E-06	1.4412E-04
610868.43	4206603.03	8252.96607	0.00014	0.32253	2.78859E-06	1.4776E-04
610875.43	4206603.03	8464.13766	0.00015	0.31890	2.75721E-06	1.5144E-04
610882.43	4206603.03	8677.06561	0.00015	0.31518	2.72504E-06	1.5514E-04
610889.43	4206603.03	8890.94659	0.00016	0.31138	2.69219E-06	1.5887E-04
610910.43	4206603.03	9530.1892	0.00017	0.29958	2.59017E-06	1.6999E-04
610917.43	4206603.03	9739.49674	0.00017	0.29553	2.55515E-06	1.7364E-04
610924.43	4206603.03	9945.67953	0.00017	0.29144	2.51979E-06	1.7722E-04
610931.43	4206603.03	10147.77667	0.00018	0.28732	2.48417E-06	1.8074E-04
610938.43	4206603.03	10345.18416	0.00018	0.28317	2.44829E-06	1.8417E-04
610945.43	4206603.03	10536.98591	0.00019	0.27899	2.41215E-06	1.8750E-04
610952.43	4206603.03	10722.64976	0.00019	0.27479	2.37583E-06	1.9073E-04
610959.43	4206603.03	10901.62495	0.00019	0.27059	2.33952E-06	1.9383E-04
610966.43	4206603.03	11073.28703	0.00019	0.26637	2.30303E-06	1.9681E-04
610973.43	4206603.03	11237.18843	0.00020	0.26216	2.26663E-06	1.9966E-04
610994.43	4206603.03	11679.05835	0.00021	0.24958	2.15787E-06	2.0731E-04
611001.43	4206603.03	11808.60766	0.00021	0.24542	2.12190E-06	2.0955E-04
611008.43	4206603.03	11929.23547	0.00021	0.24128	2.08611E-06	2.1163E-04
611015.43	4206603.03	12040.55498	0.00021	0.23717	2.05057E-06	2.1355E-04
611022.43	4206603.03	12142.59906	0.00021	0.23309	2.01529E-06	2.1531E-04
611029.43	4206603.03	12235.40525	0.00021	0.22905	1.98037E-06	2.1690E-04
611036.43	4206603.03	12318.84243	0.00022	0.22504	1.94569E-06	2.1834E-04
611043.43	4206603.03	12393.12705	0.00022	0.22107	1.91137E-06	2.1961E-04
611050.43	4206603.03	12458.29433	0.00022	0.21715	1.87748E-06	2.2072E-04
611057.43	4206603.03	12514.503	0.00022	0.21327	1.84393E-06	2.2167E-04
611078.43	4206603.03	12631.29549	0.00022	0.20192	1.74580E-06	2.2362E-04
611085.43	4206603.03	12653.61837	0.00022	0.19824	1.71398E-06	2.2398E-04
611092.43	4206603.03	12667.9064	0.00022	0.19462	1.68268E-06	2.2420E-04
610294.43	4206610.03	1262.26484	0.00002	0.34507	2.98347E-06	2.5156E-05
610301.43	4206610.03	1284.11634	0.00002	0.34699	3.00007E-06	2.5557E-05
610308.43	4206610.03	1306.35966	0.00002	0.34887	3.01633E-06	2.5963E-05
610315.43	4206610.03	1329.14896	0.00002	0.35072	3.03232E-06	2.6380E-05
610322.43	4206610.03	1352.33414	0.00002	0.35251	3.04780E-06	2.6803E-05
610329.43	4206610.03	1376.05236	0.00002	0.35428	3.06310E-06	2.7234E-05
610336.43	4206610.03	1400.16844	0.00002	0.35599	3.07789E-06	2.7673E-05
610343.43	4206610.03	1424.72079	0.00003	0.35766	3.09233E-06	2.8119E-05
610350.43	4206610.03	1449.82397	0.00003	0.35928	3.10633E-06	2.8574E-05
610357.43	4206610.03	1475.28155	0.00003	0.36082	3.11965E-06	2.9034E-05
610364.43	4206610.03	1501.18398	0.00003	0.36231	3.13253E-06	2.9502E-05
610371.43	4206610.03	1527.52329	0.00003	0.36370	3.14455E-06	2.9977E-05
610378.43	4206610.03	1554.26298	0.00003	0.36507	3.15639E-06	3.0458E-05
610385.43	4206610.03	1581.36641	0.00003	0.36636	3.16755E-06	3.0945E-05
610392.43	4206610.03	1608.8473	0.00003	0.36761	3.17835E-06	3.1439E-05
610399.43	4206610.03	1636.75996	0.00003	0.36882	3.18882E-06	3.1940E-05
610406.43	4206610.03	1664.94692	0.00003	0.36997	3.19876E-06	3.2445E-05
610413.43	4206610.03	1694.01238	0.00003	0.37129	3.21017E-06	3.2967E-05
610420.43	4206610.03	1723.42531	0.00003	0.37253	3.22089E-06	3.3494E-05
610427.43	4206610.03	1753.10599	0.00003	0.37370	3.23101E-06	3.4026E-05
610434.43	4206610.03	1783.10495	0.00003	0.37479	3.24043E-06	3.4562E-05
610441.43	4206610.03	1813.48673	0.00003	0.37581	3.24925E-06	3.5104E-05
610448.43	4206610.03	1844.20445	0.00003	0.37675	3.25738E-06	3.5652E-05
610455.43	4206610.03	1875.35163	0.00003	0.37762	3.26490E-06	3.6207E-05
610462.43	4206610.03	1906.99348	0.00003	0.37841	3.27173E-06	3.6769E-05
610469.43	4206610.03	1939.12998	0.00003	0.37912	3.27787E-06	3.7340E-05
610497.43	4206610.03	2074.88231	0.00004	0.38140	3.29758E-06	3.9744E-05
610504.43	4206610.03	2111.28466	0.00004	0.38185	3.30147E-06	4.0388E-05
610511.43	4206610.03	2149.0255	0.00004	0.38225	3.30493E-06	4.1054E-05
610518.43	4206610.03	2188.27422	0.00004	0.38259	3.30787E-06	4.1747E-05
610525.43	4206610.03	2229.27978	0.00004	0.38288	3.31038E-06	4.2469E-05

610532.43	4206610.03	2272.23181	0.00004	0.38312	3.31245E-06	4.3226E-05
610539.43	4206610.03	2317.39222	0.00004	0.38331	3.31410E-06	4.4021E-05
610546.43	4206610.03	2365.05312	0.00004	0.38344	3.31522E-06	4.4859E-05
610553.43	4206610.03	2415.31125	0.00004	0.38351	3.31583E-06	4.5743E-05
610560.43	4206610.03	2469.46191	0.00004	0.38349	3.31565E-06	4.6694E-05
610567.43	4206610.03	2527.00197	0.00004	0.38339	3.31479E-06	4.7703E-05
610574.43	4206610.03	2587.93426	0.00005	0.38324	3.31349E-06	4.8772E-05
610581.43	4206610.03	2652.74886	0.00005	0.38302	3.31159E-06	4.9909E-05
610588.43	4206610.03	2721.40455	0.00005	0.38273	3.30908E-06	5.1113E-05
610595.43	4206610.03	2794.056	0.00005	0.38239	3.30614E-06	5.2386E-05
610602.43	4206610.03	2870.76492	0.00005	0.38198	3.30260E-06	5.3730E-05
610609.43	4206610.03	2951.35234	0.00005	0.38150	3.29845E-06	5.5141E-05
610616.43	4206610.03	3035.59375	0.00005	0.38097	3.29386E-06	5.6616E-05
610623.43	4206610.03	3123.89356	0.00005	0.38036	3.28859E-06	5.8162E-05
610630.43	4206610.03	3217.2346	0.00006	0.37961	3.28211E-06	5.9791E-05
610637.43	4206610.03	3314.87968	0.00006	0.37877	3.27484E-06	6.1503E-05
610644.43	4206610.03	3416.33165	0.00006	0.37785	3.26689E-06	6.3277E-05
610651.43	4206610.03	3520.63566	0.00006	0.37689	3.25858E-06	6.5101E-05
610658.43	4206610.03	3627.84253	0.00006	0.37586	3.24968E-06	6.6975E-05
610665.43	4206610.03	3738.02342	0.00007	0.37477	3.24026E-06	6.8901E-05
610672.43	4206610.03	3850.22313	0.00007	0.37363	3.23040E-06	7.0862E-05
610679.43	4206610.03	3964.71242	0.00007	0.37243	3.22003E-06	7.2863E-05
610686.43	4206610.03	4081.95408	0.00007	0.37116	3.20905E-06	7.4912E-05
610693.43	4206610.03	4200.86972	0.00007	0.36986	3.19781E-06	7.6989E-05
610700.43	4206610.03	4315.63193	0.00008	0.36856	3.18657E-06	7.8994E-05
610707.43	4206610.03	4428.92742	0.00008	0.36723	3.17507E-06	8.0972E-05
610714.43	4206610.03	4543.06217	0.00008	0.36585	3.16314E-06	8.2965E-05
610735.43	4206610.03	4891.92519	0.00009	0.36132	3.12397E-06	8.9054E-05
610742.43	4206610.03	5011.11488	0.00009	0.35968	3.10979E-06	9.1134E-05
610749.43	4206610.03	5132.22835	0.00009	0.35797	3.09501E-06	9.3246E-05
610756.43	4206610.03	5255.64914	0.00009	0.35620	3.07970E-06	9.5399E-05
610763.43	4206610.03	5381.93158	0.00009	0.35435	3.06371E-06	9.7601E-05
610770.43	4206610.03	5511.47989	0.00010	0.35242	3.04702E-06	9.9860E-05
610777.43	4206610.03	5644.64605	0.00010	0.35039	3.02947E-06	1.0218E-04
610784.43	4206610.03	5781.95794	0.00010	0.34828	3.01123E-06	1.0458E-04
610791.43	4206610.03	5923.76002	0.00010	0.34608	2.99221E-06	1.0705E-04
610798.43	4206610.03	6070.51168	0.00011	0.34380	2.97249E-06	1.0961E-04
610805.43	4206610.03	6222.28264	0.00011	0.34142	2.95192E-06	1.1225E-04
610812.43	4206610.03	6379.37598	0.00011	0.33894	2.93047E-06	1.1498E-04
610819.43	4206610.03	6541.85973	0.00011	0.33636	2.90817E-06	1.1782E-04
610826.43	4206610.03	6709.78768	0.00012	0.33368	2.88500E-06	1.2075E-04
610833.43	4206610.03	6883.11169	0.00012	0.33090	2.86096E-06	1.2377E-04
610840.43	4206610.03	7061.66978	0.00012	0.32801	2.83597E-06	1.2688E-04
610847.43	4206610.03	7245.1531	0.00013	0.32502	2.81012E-06	1.3008E-04
610854.43	4206610.03	7433.23423	0.00013	0.32194	2.78349E-06	1.3335E-04
610861.43	4206610.03	7625.37139	0.00013	0.31876	2.75600E-06	1.3670E-04
610868.43	4206610.03	7821.03428	0.00014	0.31549	2.72772E-06	1.4011E-04
610875.43	4206610.03	8019.63904	0.00014	0.31213	2.69867E-06	1.4357E-04
610882.43	4206610.03	8220.50655	0.00014	0.30869	2.66893E-06	1.4707E-04
610889.43	4206610.03	8422.95587	0.00015	0.30517	2.63850E-06	1.5059E-04
610910.43	4206610.03	9031.5002	0.00016	0.29419	2.54357E-06	1.6119E-04
610917.43	4206610.03	9232.18073	0.00016	0.29041	2.51088E-06	1.6468E-04
610924.43	4206610.03	9430.40357	0.00017	0.28658	2.47777E-06	1.6813E-04
610931.43	4206610.03	9625.56925	0.00017	0.28272	2.44440E-06	1.7152E-04
610938.43	4206610.03	9816.79443	0.00017	0.27882	2.41068E-06	1.7485E-04
610945.43	4206610.03	10003.48068	0.00018	0.27489	2.37670E-06	1.7810E-04
610952.43	4206610.03	10184.92735	0.00018	0.27093	2.34246E-06	1.8125E-04
610959.43	4206610.03	10360.58896	0.00018	0.26696	2.30813E-06	1.8430E-04
610966.43	4206610.03	10529.92046	0.00018	0.26298	2.27372E-06	1.8724E-04
610973.43	4206610.03	10692.47336	0.00019	0.25899	2.23923E-06	1.9006E-04
610994.43	4206610.03	11135.34944	0.00020	0.24703	2.13582E-06	1.9774E-04
611001.43	4206610.03	11267.00137	0.00020	0.24307	2.10158E-06	2.0001E-04
611008.43	4206610.03	11390.36035	0.00020	0.23912	2.06743E-06	2.0215E-04
611015.43	4206610.03	11505.20986	0.00020	0.23519	2.03345E-06	2.0413E-04
611022.43	4206610.03	11611.49886	0.00020	0.23128	1.99965E-06	2.0596E-04
611029.43	4206610.03	11709.1126	0.00021	0.22740	1.96610E-06	2.0765E-04
611036.43	4206610.03	11797.98093	0.00021	0.22355	1.93281E-06	2.0917E-04
611043.43	4206610.03	11878.36909	0.00021	0.21974	1.89987E-06	2.1055E-04
611050.43	4206610.03	11950.00846	0.00021	0.21596	1.86719E-06	2.1178E-04
611057.43	4206610.03	12013.2279	0.00021	0.21222	1.83485E-06	2.1286E-04
611078.43	4206610.03	12153.58691	0.00021	0.20125	1.74001E-06	2.1523E-04
611085.43	4206610.03	12184.39178	0.00021	0.19769	1.70923E-06	2.1574E-04
611092.43	4206610.03	12207.42992	0.00021	0.19417	1.67879E-06	2.1611E-04
610294.43	4206617.03	1240.16739	0.00002	0.33114	2.86303E-06	2.4647E-05
610301.43	4206617.03	1261.38432	0.00002	0.33304	2.87944E-06	2.5037E-05
610308.43	4206617.03	1282.96466	0.00002	0.33490	2.89554E-06	2.5432E-05
610315.43	4206617.03	1305.05788	0.00002	0.33673	2.91137E-06	2.5836E-05
610322.43	4206617.03	1327.51349	0.00002	0.33850	2.92667E-06	2.6245E-05
610329.43	4206617.03	1350.40421	0.00002	0.34024	2.94171E-06	2.6663E-05
610336.43	4206617.03	1373.76581	0.00002	0.34195	2.95650E-06	2.7088E-05
610343.43	4206617.03	1397.5084	0.00002	0.34360	2.97076E-06	2.7519E-05
610350.43	4206617.03	1421.67244	0.00002	0.34521	2.98468E-06	2.7957E-05
610357.43	4206617.03	1446.2018	0.00003	0.34675	2.99800E-06	2.8402E-05
610364.43	4206617.03	1471.18237	0.00003	0.34823	3.01079E-06	2.8853E-05
610371.43	4206617.03	1496.47376	0.00003	0.34962	3.02281E-06	2.9309E-05
610378.43	4206617.03	1522.12483	0.00003	0.35097	3.03448E-06	2.9772E-05
610385.43	4206617.03	1548.17363	0.00003	0.35229	3.04590E-06	3.0241E-05
610392.43	4206617.03	1574.52772	0.00003	0.35354	3.05671E-06	3.0714E-05
610399.43	4206617.03	1601.21558	0.00003	0.35476	3.06725E-06	3.1194E-05
610406.43	4206617.03	1628.19034	0.00003	0.35591	3.07720E-06	3.1678E-05
610413.43	4206617.03	1655.98898	0.00003	0.35725	3.08878E-06	3.2177E-05
610420.43	4206617.03	1684.02369	0.00003	0.35851	3.09968E-06	3.2681E-05
610427.43	4206617.03	1712.34677	0.00003	0.35971	3.11005E-06	3.3189E-05
610434.43	4206617.03	1741.00437	0.00003	0.36083	3.11973E-06	3.3702E-05
610441.43	4206617.03	1769.89833	0.00003	0.36188	3.12881E-06	3.4218E-05
610448.43	4206617.03	1799.16823	0.00003	0.36284	3.13711E-06	3.4741E-05
610455.43	4206617.03	1828.85303	0.00003	0.36374	3.14489E-06	3.5270E-05
610462.43	4206617.03	1858.97708	0.00003	0.36455	3.15190E-06	3.5806E-05
610469.43	4206617.03	1889.63748	0.00003	0.36529	3.15830E-06	3.6351E-05
610497.43	4206617.03	2019.10563	0.00004	0.36771	3.17922E-06	3.8646E-05
610504.43	4206617.03	2053.84867	0.00004	0.36820	3.18344E-06	3.9261E-05
610511.43	4206617.03	2089.90148	0.00004	0.36864	3.18726E-06	3.9898E-05
610518.43	4206617.03	2127.50458	0.00004	0.36903	3.19063E-06	4.0562E-05
610525.43	4206617.03	2166.71279	0.00004	0.36938	3.19366E-06	4.1254E-05
610532.43	4206617.03	2207.85789	0.00004	0.36967	3.19617E-06	4.1979E-05
610539.43	4206617.03	2251.18535	0.00004	0.36990	3.19815E-06	4.2742E-05
610546.43	4206617.03	2296.73223	0.00004	0.37009	3.19980E-06	4.3544E-05
610553.43	4206617.03	2344.97355	0.00004	0.37023	3.20101E-06	4.4392E-05
610560.43	4206617.03	2396.85636	0.00004	0.37027	3.20135E-06	4.5304E-05
610567.43	4206617.03	2451.95231	0.00004	0.37026	3.20127E-06	4.6272E-05
610574.43	4206617.03	2510.41736	0.00004	0.37018	3.20057E-06	4.7298E-05
610581.43	4206617.03	2572.44166	0.00005	0.37004	3.19936E-06	4.8386E-05
610588.43	4206617.03	2638.10413	0.00005	0.36984	3.19763E-06	4.9538E-05
610595.43	4206617.03	2707.69019	0.00005	0.36958	3.19539E-06	5.0758E-05
610602.43	4206617.03	2780.87761	0.00005	0.36925	3.19253E-06	5.2041E-05
610609.43	4206617.03	2857.7427	0.00005	0.36887	3.18925E-06	5.3388E-05
610616.43	4206617.03	2938.17715	0.00005	0.36842	3.18536E-06	5.4797E-05
610623.43	4206617.03	3022.22565	0.00005	0.36791	3.18095E-06	5.6269E-05
610630.43	4206617.03	3111.1365	0.00005	0.36726	3.17533E-06	5.7825E-05
610637.43	4206617.03	3204.39609	0.00006	0.36650	3.16876E-06	5.9456E-05
610644.43	4206617.03	3300.82689	0.00006	0.36568	3.16167E-06	6.1143E-05
610651.43	4206617.03	3400.24737	0.00006	0.36479	3.15397E-06	6.2882E-05
610658.43	4206617.03	3502.31688	0.00006	0.36385	3.14585E-06	6.4667E-05
610665.43	4206617.03	3606.80499	0.00006	0.36286	3.13729E-06	6.6493E-05
610672.43	4206617.03	3713.89694	0.00007	0.36180	3.12812E-06	6.8365E-05
610679.43	4206617.03	3822.66864	0.00007	0.36070	3.11861E-06	7.0267E-05
610686.43	4206617.03	3933.48774	0.00007	0.35955	3.10867E-06	7.2203E-05
610693.43	4206617.03	4046.26846	0.00007	0.35836	3.09838E-06	7.4174E-05
610700.43	4206617.03	4154.48235	0.00007	0.35717	3.08809E-06	7.6065E-05
610707.43	4206617.03	4261.16833	0.00007	0.35596	3.07763E-06	7.7928E-05
610714.43	4206617.03	4368.47238	0.00008	0.35470	3.06673E-06	7.9802E-05
610735.43	4206617.03	4695.39267	0.00008	0.35057	3.03103E-06	8.5509E-05
610742.43	4206617.03	4806.7433	0.00008	0.34907	3.01806E-06	8.7452E-05
610749.43	4206617.03	4919.68467	0.00009	0.34751	3.00457E-06	8.9422E-05
610756.43	4206617.03	5034.63938	0.00009	0.34589	2.99056E-06	9.1428E-05
610763.43	4206617.03	5152.06889	0.00009	0.34420	2.97595E-06	9.3476E-05
610770.43	4206617.03	5272.3236	0.00009	0.34244	2.96073E-06	9.5573E-05
610777.43	4206617.03	5395.83697	0.00009	0.34059	2.94474E-06	9.7727E-05
610784.43	4206617.03	5523.15097	0.00010	0.33865	2.92797E-06	9.9946E-05
610791.43	4206617.03	5654.50052	0.00010	0.33664	2.91059E-06	1.0224E-04
610798.43	4206617.03	5790.38657	0.00010	0.33455	2.89252E-06	1.0460E-04
610805.43	4206617.03	5930.98109	0.00010	0.33237	2.87367E-06	1.0706E-04
610812.43	4206617.03	6076.56825	0.00011	0.33010	2.85404E-06	1.0959E-04
610819.43	4206617.03	6227.23563	0.00011	0.32774	2.83364E-06	1.1222E-04
610826.43	4206617.03	6383.05076	0.00011	0.32528	2.81237E-06	1.1494E-04
610833.43	4206617.03	6544.10236	0.00011	0.32273	2.79032E-06	1.1774E-04
610840.43	4206617.03	6710.19079	0.00012	0.32008	2.76741E-06	1.2064E-04
610847.43	4206617.03	6881.15797	0.00012	0.31734	2.74372E-06	1.2362E-04
610854.43	4206617.03	7056.78513	0.00012	0.31450	2.71917E-06	1.2668E-04
610861.43	4206617.03	7236.60566	0.00013	0.31158	2.69392E-06	1.2981E-04
610868.43	4206617.03	7420.17633	0.00013	0.30856	2.66781E-06	1.3301E-04
610875.43	4206617.03	7606.90424	0.00013	0.30545	2.64092E-06	1.3626E-04
610882.43	4206617.03	7796.21027	0.00014	0.30227	2.61342E-06	1.3956E-04
610889.43	4206617.03	7987.4502	0.00014	0.29900	2.58515E-06	1.4289E-04
610910.43	4206617.03	8565.91326	0.00015	0.28879	2.49688E-06	1.5296E-04
610917.43	4206617.03	8757.86708	0.00015	0.28527	2.46644E-06	1.5630E-04
610924.43	4206617.03	8948.19429	0.00016	0.28169	2.43549E-06	1.5962E-04
610931.43	4206617.03	9136.0889	0.00016	0.27807	2.40419E-06	1.6288E-04
610938.43	4206617.03	9320.86208	0.00016	0.27441	2.37255E-06	1.6610E-04
610945.43	4206617.03	9502.01725	0.00017	0.27071	2.34056E-06	1.6925E-04
610952.43	4206617.03	9678.71806	0.00017	0.26699	2.30839E-06	1.7232E-04
610959.43	4206617.03	9850.58504	0.00017	0.26325	2.27606E-06	1.7531E-04
610966.43	4206617.03	10016.97722	0.00018	0.25948	2.24368E-06	1.7820E-04
610973.43	4206617.03	10177.35498	0.00018	0.25571	2.21087E-06	1.8098E-04
610994.43	4206617.03	10618.81236	0.00019	0.24436	2.11274E-06	1.8864E-04
611001.43	4206617.03	10751.63974	0.00019	0.24058	2.08005E-06	1.9094E-04
611008.43	4206617.03	10876.79213	0.00019	0.23682	2.04754E-06	1.9311E-04
611015.43	4206617.03	10994.2458	0.00019	0.23306	2.01504E-06	1.9514E-04
611022.43	4206617.03	11103.74518	0.00020	0.22933	1.98279E-06	1.9703E-04
611029.43	4206617.03	11205.21392	0.00020	0.22561	1.95062E-06	1.9878E-04
611036.43	4206617.03	11298.63858	0.00020	0.22192	1.91872E-06	2.0039E-04
611043.43	4206617.03	11383.89699	0.00020	0.21826	1.88707E-06	2.0185E-04
611050.43	4206617.03	11461.16377	0.00020	0.21462	1.85568E-06	2.0318E-04
611057.43	4206617.03	11530.38944	0.00020	0.21102	1.82448E-06	2.0436E-04
611078.43	4206617.03	11691.28345	0.00021	0.20043	1.73293E-06	2.0710E-04
611085.43	4206617.03	11729.61516	0.00021	0.19698	1.70309E-06	2.0774E-04
611092.43	4206617.03	11760.59183	0.00021	0.19357	1.67361E-06	2.0826E-04
610947.65	4206286.3	1669.13837	0.00003	4.82044	4.16775E-05	7.0997E-05
610039.73	4206286.73	1631.50572	0.00003	4.91716	4.25137E-05	7.1172E-05
610043.53	4206284.3	1658.03588	0.00003	4.49113	3.88303E-05	6.7955E-05
610039.41	4206281.55	1649.88163	0.00003	4.09589	3.54130E-05	6.4394E-05
610047.33	4206280.92	1688.97156	0.00003	3.99660	3.45546E-05	6.4223E-05
610056.94	4206274.55	1761.6126	0.00003	3.28196	2.83758E-05	5.9320E-05
610016.6	4206276.59	1568.34672	0.00003	3.54091	3.06147E-05	5.8164E-05
610010.58	4206276.91	1542.25637	0.00003	3.58262	3.09753E-05	5.8066E-05
609990.09	4206276.91	1461.70271	0.00003	3.60158	3.11392E-05	5.6815E-05
609997.17	4206277.12	1488.11098	0.00003	3.61814	3.12824E-05	5.7422E-05
610003.29	4206276.8	1513.1878	0.00003	3.57801	3.09355E-05	5.7516E-05
610016.87	4206272.41	1584.06048	0.00003	3.13993	2.71478E-05	5.4973E-05
610010.86	4206272.72	1557.65023	0.00003	3.17461	2.74477E-05	5.4809E-05
609990.37	4206272.72	1475.83562	0.00003	3.19295	2.76062E-05	5.3530E-05
609997.44	4206272.93	1502.62638	0.00003	3.20651	2.77235E-05	5.4118E-05
610003.57	4206272.62	1528.08873	0.00003	3.17417	2.74439E-05	5.4286E-05
610016.77	4206267.65	1600.28161	0.00003	2.76913	2.39419E-05	5.2052E-05
610010.75	4206267.97	1573.37895	0.00003	2.79893	2.41995E-05	5.1837E-05
609990.26	4206267.97	1490.26013	0.00003	2.81885	2.43718E-05	5.0549E-05

609997.34	4206268.18	1517.52085	0.00003	2.82831	2.44536E-05	5.1110E-05
610003.46	4206267.87	1543.33672	0.00003	2.80027	2.42111E-05	5.1321E-05
610053.21	4206274.91	1741.64056	0.00003	3.31869	2.86934E-05	5.0287E-05
610060.84	4206274.45	1781.82639	0.00003	3.27033	2.82753E-05	5.9574E-05
610056.81	4206270.86	1775.53476	0.00003	2.96553	2.56400E-05	5.6829E-05
610053.08	4206271.22	1755.32311	0.00003	2.99567	2.59005E-05	5.6734E-05
610060.71	4206270.76	1796.00141	0.00003	2.95618	2.55591E-05	5.7107E-05
610056.43	4206267.19	1788.08746	0.00003	2.70182	2.33598E-05	5.4769E-05
610052.7	4206267.55	1767.54287	0.00003	2.72687	2.35765E-05	5.4625E-05
610060.33	4206267.1	1808.74253	0.00003	2.69455	2.32971E-05	5.5069E-05
610056.05	4206263.23	1801.76497	0.00003	2.46046	2.12731E-05	5.2922E-05
610052.32	4206263.59	1780.98717	0.00003	2.48160	2.14559E-05	5.2740E-05
610059.95	4206263.13	1822.71088	0.00003	2.45378	2.12154E-05	5.3233E-05
609925.72	4206285.31	1226.86227	0.00002	4.86992	4.21053E-05	6.3656E-05
609918.48	4206285.06	1206.96078	0.00002	4.83456	4.17996E-05	6.3001E-05
609939	4206285.67	1264.96789	0.00002	4.91556	4.24999E-05	6.4720E-05
609932.14	4206285.33	1245.43393	0.00002	4.86387	4.20530E-05	6.3930E-05
609926.48	4206290.44	1216.70997	0.00002	5.97461	5.16564E-05	7.3029E-05
609919.24	4206290.19	1197.08654	0.00002	5.92747	5.12489E-05	7.2277E-05
609939.76	4206290.8	1254.27546	0.00002	6.03419	5.21716E-05	7.4204E-05
609932.9	4206290.46	1235.02737	0.00002	5.96528	5.15758E-05	7.3270E-05
609921.43	4206281.32	1224.09698	0.00002	4.22544	3.65331E-05	5.8035E-05
609920.74	4206293.38	1193.74995	0.00002	6.79956	5.87890E-05	7.9758E-05
609896.52	4206280.85	1157.01364	0.00002	4.17878	3.61297E-05	5.6454E-05
609903.36	4206280.73	1175.39771	0.00002	4.15640	3.59362E-05	5.6583E-05
609887.95	4206283.34	1128.92141	0.00002	4.57000	3.95122E-05	5.9343E-05
609887.82	4206278	1139.29956	0.00002	3.81311	3.29681E-05	5.2981E-05
609913.97	4206339.55	1071.04873	0.00002	4.93272	4.26483E-05	6.1462E-05
609908.27	4206339.66	1057.85962	0.00002	4.88736	4.22561E-05	6.0838E-05
609880.81	4206325.4	1027.19713	0.00002	8.09130	6.99573E-05	8.8001E-05
609873.42	4206326.35	1009.3179	0.00002	7.72097	6.67555E-05	8.4485E-05
609876.48	4206330.05	1008.7715	0.00002	6.65783	5.75636E-05	7.5283E-05
609879.23	4206335.33	1004.11061	0.00002	5.49085	4.74739E-05	6.5112E-05
609874.37	4206334.8	995.13645	0.00002	5.56894	4.81490E-05	6.5629E-05
609706.71	4206240.52	835.25665	0.00001	1.38143	1.19438E-05	2.6616E-05
609714.61	4206240.72	847.37681	0.00001	1.42015	1.22788E-05	2.7163E-05
609688.36	4206319.93	712.9018	0.00001	5.22742	4.51962E-05	5.7719E-05
609697.23	4206319.93	723.91823	0.00001	6.41552	5.54686E-05	6.8185E-05
609706.1	4206319.93	735.18676	0.00001	7.21003	6.23379E-05	7.5252E-05
609714.97	4206319.93	746.75805	0.00001	7.74479	6.69614E-05	8.0079E-05
609723.84	4206319.93	758.62369	0.00001	8.12709	7.02668E-05	8.3593E-05
609732.71	4206319.93	770.79873	0.00001	8.41496	7.27557E-05	8.6291E-05
609741.58	4206319.93	783.29725	0.00001	8.64413	7.47371E-05	8.8496E-05
609750.45	4206319.93	796.13156	0.00001	8.83586	7.63948E-05	9.0379E-05
609759.32	4206319.93	809.43785	0.00001	8.97656	7.76113E-05	9.1830E-05
609768.19	4206319.93	823.13632	0.00001	9.10682	7.87375E-05	9.3197E-05
609777.06	4206319.93	837.2205	0.00001	9.23424	7.98392E-05	9.4546E-05
609785.93	4206319.93	851.70663	0.00001	9.35461	8.08799E-05	9.5841E-05
609794.8	4206319.93	866.61007	0.00002	9.46722	8.18535E-05	9.7076E-05
609803.67	4206319.93	881.97443	0.00002	9.56602	8.27078E-05	9.8202E-05
609812.54	4206319.93	897.75248	0.00002	9.66629	8.35747E-05	9.9344E-05
609821.41	4206319.93	913.99695	0.00002	9.76013	8.43860E-05	1.0044E-04
609830.28	4206319.93	930.8748	0.00002	9.82993	8.49895E-05	1.0134E-04
609839.15	4206319.93	948.364	0.00002	9.89278	8.55329E-05	1.0219E-04
609848.02	4206319.93	966.41957	0.00002	9.96222	8.61333E-05	1.0311E-04
609856.89	4206319.93	985.06236	0.00002	10.03258	8.67416E-05	1.0404E-04
609688.36	4206326.9	705.7465	0.00001	3.33951	2.88734E-05	4.1270E-05
609697.23	4206326.9	716.5694	0.00001	4.17699	3.61142E-05	4.8701E-05
609706.1	4206326.9	727.6571	0.00001	4.82680	4.17325E-05	5.4514E-05
609714.97	4206326.9	739.0257	0.00001	5.30719	4.58859E-05	5.8867E-05
609723.84	4206326.9	750.66977	0.00001	5.66911	4.90151E-05	6.2201E-05
609732.71	4206326.9	762.64041	0.00001	5.94539	5.14038E-05	6.4800E-05
609741.58	4206326.9	774.92456	0.00001	6.16564	5.33081E-05	6.6920E-05
609750.45	4206326.9	787.53272	0.00001	6.34778	5.48829E-05	6.8716E-05
609759.32	4206326.9	800.57443	0.00001	6.49342	5.61421E-05	7.0205E-05
609768.19	4206326.9	814.02688	0.00001	6.61748	5.72147E-05	7.1514E-05
609777.06	4206326.9	827.82842	0.00001	6.73303	5.82137E-05	7.2755E-05
609785.93	4206326.9	842.01457	0.00001	6.83894	5.91294E-05	7.3920E-05
609794.8	4206326.9	856.59893	0.00002	6.93647	5.99727E-05	7.5019E-05
609803.67	4206326.9	871.63247	0.00002	7.02392	6.07288E-05	7.6040E-05
609812.54	4206326.9	887.07366	0.00002	7.10872	6.14620E-05	7.7004E-05
609821.41	4206326.9	902.96926	0.00002	7.18964	6.21616E-05	7.8023E-05
609830.28	4206326.9	919.51876	0.00002	7.25320	6.27111E-05	7.8863E-05
609839.15	4206326.9	936.65975	0.00002	7.31158	6.32159E-05	7.9669E-05
609848.02	4206326.9	954.34641	0.00002	7.37113	6.37308E-05	8.0495E-05
609856.89	4206326.9	972.61228	0.00002	7.43100	6.42484E-05	8.1333E-05
609688.36	4206333.87	698.56126	0.00001	2.28564	1.97616E-05	3.2032E-05
609697.23	4206333.87	709.20279	0.00001	2.84088	2.45622E-05	3.7020E-05
609706.1	4206333.87	720.1102	0.00001	3.33428	2.88282E-05	4.1477E-05
609714.97	4206333.87	731.29174	0.00001	3.73567	3.22986E-05	4.5144E-05
609723.84	4206333.87	742.75763	0.00001	4.05410	3.50517E-05	4.8099E-05
609732.71	4206333.87	754.49471	0.00001	4.30909	3.72564E-05	5.0510E-05
609741.58	4206333.87	766.55718	0.00001	4.51504	3.90370E-05	5.2502E-05
609750.45	4206333.87	778.93801	0.00001	4.68559	4.05116E-05	5.4194E-05
609759.32	4206333.87	791.74305	0.00001	4.82521	4.17187E-05	5.5626E-05
609768.19	4206333.87	804.89533	0.00001	4.94584	4.27617E-05	5.6900E-05
609777.06	4206333.87	818.40644	0.00001	5.05233	4.36824E-05	5.8058E-05
609785.93	4206333.87	832.32346	0.00001	5.14621	4.44941E-05	5.9114E-05
609794.8	4206333.87	846.60626	0.00001	5.23231	4.52389E-05	6.0110E-05
609803.67	4206333.87	861.29244	0.00002	5.31087	4.59178E-05	6.1047E-05
609812.54	4206333.87	876.43168	0.00002	5.38145	4.65280E-05	6.1923E-05
609821.41	4206333.87	891.97826	0.00002	5.44854	4.71081E-05	6.2774E-05
609830.28	4206333.87	908.15685	0.00002	5.50615	4.76061E-05	6.3559E-05
609839.15	4206333.87	924.98596	0.00002	5.55685	4.80445E-05	6.4293E-05
609848.02	4206333.87	942.31179	0.00002	5.60767	4.84838E-05	6.5036E-05
609856.89	4206333.87	960.1994	0.00002	5.65784	4.89177E-05	6.5784E-05
609688.36	4206340.84	691.37683	0.00001	1.67672	1.44969E-05	2.6641E-05
609697.23	4206340.84	701.83862	0.00001	2.04668	1.76956E-05	3.0024E-05
609706.1	4206340.84	712.55517	0.00001	2.40946	2.08322E-05	3.3349E-05
609714.97	4206340.84	723.53739	0.00001	2.73112	2.36133E-05	3.6323E-05
609723.84	4206340.84	734.79674	0.00001	3.00281	2.59623E-05	3.8870E-05
609732.71	4206340.84	746.34245	0.00001	3.22918	2.79195E-05	4.1030E-05
609741.58	4206340.84	758.18553	0.00001	3.41804	2.95524E-05	4.2870E-05
609750.45	4206340.84	770.31181	0.00001	3.57770	3.09328E-05	4.4464E-05
609759.32	4206340.84	782.85495	0.00001	3.71125	3.20874E-05	4.5839E-05
609768.19	4206340.84	795.76873	0.00001	3.82550	3.30753E-05	4.7054E-05
609777.06	4206340.84	809.0083	0.00001	3.92588	3.39431E-05	4.8154E-05
609785.93	4206340.84	822.6114	0.00001	4.01484	3.47123E-05	4.9162E-05
609794.8	4206340.84	836.62034	0.00001	4.09360	3.53932E-05	5.0089E-05
609803.67	4206340.84	850.99125	0.00001	4.16506	3.60111E-05	5.0959E-05
609812.54	4206340.84	865.79549	0.00002	4.22976	3.65705E-05	5.1779E-05
609821.41	4206340.84	880.99521	0.00002	4.28927	3.70850E-05	5.2560E-05
609830.28	4206340.84	896.84905	0.00002	4.34150	3.75366E-05	5.3290E-05
609839.15	4206340.84	913.30318	0.00002	4.38930	3.79499E-05	5.3993E-05
609848.02	4206340.84	930.32141	0.00002	4.43458	3.83414E-05	5.4683E-05
609856.89	4206340.84	947.84831	0.00002	4.47915	3.87267E-05	5.5376E-05
609688.36	4206347.81	684.20807	0.00001	1.29665	1.12108E-05	2.3229E-05
609697.23	4206347.81	694.4637	0.00001	1.55087	1.34088E-05	2.5608E-05
609706.1	4206347.81	704.98703	0.00001	1.81645	1.57050E-05	2.8089E-05
609714.97	4206347.81	715.77127	0.00001	2.06869	1.78859E-05	3.0459E-05
609723.84	4206347.81	726.82391	0.00001	2.29482	1.98410E-05	3.2608E-05
609732.71	4206347.81	738.15694	0.00001	2.49196	2.15455E-05	3.4512E-05
609741.58	4206347.81	749.78561	0.00001	2.66192	2.30149E-05	3.6185E-05
609750.45	4206347.81	761.71844	0.00001	2.80833	2.42808E-05	3.7661E-05
609759.32	4206347.81	774.01298	0.00001	2.93393	2.53667E-05	3.8963E-05
609768.19	4206347.81	786.63371	0.00001	3.04299	2.63097E-05	4.0127E-05
609777.06	4206347.81	799.62153	0.00001	3.13829	2.71336E-05	4.1180E-05
609785.93	4206347.81	812.93091	0.00001	3.22262	2.78628E-05	4.2142E-05
609794.8	4206347.81	826.63017	0.00001	3.29750	2.85102E-05	4.3031E-05
609803.67	4206347.81	840.67989	0.00001	3.36498	2.90936E-05	4.3861E-05
609812.54	4206347.81	855.16036	0.00002	3.42556	2.96174E-05	4.4639E-05
609821.41	4206347.81	870.02286	0.00002	3.48130	3.00993E-05	4.5382E-05
609830.28	4206347.81	885.55934	0.00002	3.53063	3.05258E-05	4.6081E-05
609839.15	4206347.81	901.67962	0.00002	3.57609	3.09189E-05	4.6758E-05
609848.02	4206347.81	918.30326	0.00002	3.61924	3.12919E-05	4.7423E-05
609856.89	4206347.81	935.46178	0.00002	3.66077	3.16510E-05	4.8083E-05
609688.36	4206354.78	677.06681	0.00001	1.04221	9.01094E-06	2.0904E-05
609697.23	4206354.78	687.16007	0.00001	1.22322	1.05760E-05	2.2646E-05
609706.1	4206354.78	697.47731	0.00001	1.41972	1.22749E-05	2.4527E-05
609714.97	4206354.78	708.07048	0.00001	1.61620	1.39737E-05	2.6411E-05
609723.84	4206354.78	718.92736	0.00001	1.80152	1.55759E-05	2.8204E-05
609732.71	4206354.78	730.06024	0.00001	1.96997	1.70324E-05	2.9856E-05
609741.58	4206354.78	741.47291	0.00001	2.12023	1.83315E-05	3.1356E-05
609750.45	4206354.78	753.17948	0.00001	2.25289	1.94785E-05	3.2709E-05
609759.32	4206354.78	765.21207	0.00001	2.36934	2.04853E-05	3.3927E-05
609768.19	4206354.78	777.58279	0.00001	2.47182	2.13713E-05	3.5036E-05
609777.06	4206354.78	790.25508	0.00001	2.56238	2.21543E-05	3.6036E-05
609785.93	4206354.78	803.29855	0.00001	2.64276	2.28493E-05	3.6960E-05
609794.8	4206354.78	816.67239	0.00001	2.71456	2.34701E-05	3.7816E-05
609803.67	4206354.78	830.44336	0.00001	2.77894	2.40267E-05	3.8614E-05
609812.54	4206354.78	844.59885	0.00001	2.83705	2.45291E-05	3.9365E-05
609821.41	4206354.78	859.15328	0.00002	2.88975	2.49848E-05	4.0076E-05
609830.28	4206354.78	874.33337	0.00002	2.93763	2.53987E-05	4.0757E-05
609839.15	4206354.78	890.11676	0.00002	2.98173	2.57800E-05	4.1416E-05
609848.02	4206354.78	906.39486	0.00002	3.02328	2.61393E-05	4.2061E-05
609856.89	4206354.78	923.18763	0.00002	3.06312	2.64837E-05	4.2700E-05
609688.36	4206361.75	669.91883	0.00001	0.86221	7.45466E-06	1.9222E-05
609697.23	4206361.75	679.83262	0.00001	0.99570	8.60882E-06	2.0551E-05
609706.1	4206361.75	689.98516	0.00001	1.14340	9.88583E-06	2.2006E-05
609714.97	4206361.75	700.38516	0.00001	1.29677	1.12119E-05	2.3515E-05
609723.84	4206361.75	711.0223	0.00001	1.44748	1.25149E-05	2.5005E-05
609732.71	4206361.75	721.94501	0.00001	1.58963	1.37439E-05	2.6425E-05
609741.58	4206361.75	733.13826	0.00001	1.72050	1.48754E-05	2.7754E-05
609750.45	4206361.75	744.61436	0.00001	1.83897	1.58997E-05	2.89776
609759.32	4206361.75	756.40093	0.00001	1.94540	1.68199E-05	3.0107E-05
609768.19	4206361.75	768.49259	0.00001	2.04069	1.76438E-05	3.1143E-05
609777.06	4206361.75	780.92595	0.00001	2.12596	1.83810E-05	3.2099E-05
609785.93	4206361.75	793.66143	0.00001	2.20235	1.90415E-05	3.2983E-05
609794.8	4206361.75	806.76421	0.00001	2.27104	1.96354E-05	3.3807E-05
609803.67	4206361.75	820.22308	0.00001	2.33282	2.01696E-05	3.4577E-05
609812.54	4206361.75	834.05364	0.00001	2.38884	2.06539E-05	3.5305E-05
609821.41	4206361.75	848.2698	0.00001	2.43970	2.10936E-05	3.5994E-05
609830.28	4206361.75	863.12852	0.00002	2.48611	2.14949E-05	3.6656E-05
609839.15	4206361.75	878.57743	0.00002	2.52913	2.18668E-05	3.7300E-05
609848.02	4206361.75	894.50894	0.00002	2.56954	2.22162E-05	3.7929E-05
609856.89	4206361.75	910.95033	0.00002	2.60814	2.25500E-05	3.8551E-05
610626.79	4206314.62	54077.39259	0.00097	6.47841	5.60123E-05	1.0217E-03
610758.51	4206316.46	275773.904	0.00484	0.67569	5.84203E-06	4.8500E-03
610764.49	4206027.44	85900.68046	0.00151	0.05788	5.00430E-07	1.5094E-03
610678.11	4206026.84	216557.9821	0.00380	0.08930	7.72087E-07	3.8048E-03
610678.11	4206019.82	195221.9911	0.00343	0.08644	7.47360E-07	3.4300E-03
610677.96	4206019.22	193602.3767	0.00340	0.08627	7.45890E-07	3.4015E-03
610671.98	4206019.22	194498.4174	0.00342	0.08896	7.69148E-07	3.4173E-03
610672.13	4206010.55	173236.3828	0.00303	0.08542	7.38541E-07	3.0278E-03
610664.66	4206010.7	177455.5845	0.00312	0.08873	7.67159E-07	3.1179E-03
610664.66	4206013.39	183914.4744	0.00323	0.08985	7.76843E-07	3.2314E-03
610664.51	4206018.92	186178.2687	0.00345	0.09228	7.97852E-07	3.4468E-03
610664.51	4206019.67	197853.1206	0.00348	0.09261	8.00706E-07	3.4762E-03
610665.41	4206025.5	212017.7762	0.00372	0.09480	8.19640E-07	3.7251E-03
610628.64	4206024.3	188716.4762	0.00331	0.11327	9.79332E-07	3.3159E-03
610625.95	4206028.19	188897.8203	0.00332	0.11713	1.01271E-06	3.3191E-03
610625.95	4206061.81	210951.3944	0.00371	0.14186	1.22652E-06	3.7067E-03
610626.25	4206102.46	218042.1943	0.00383	0.18547	1.60357E-06	3.8317E-03
610626.4	4206155.21	211889.825	0.00372	0.28785	2.48875E-06	3.7245E-03
610626.55	4206190.63	201639.6533	0.00354	0.42321	3.65907E-06	3.5456E-03
610626.55	4206202.14	197019.7888	0.00346	0.49124	4.24726E-06	3.4650E-03

610626.7	4206204.98	196114.3137	0.00344	0.51019	4.41110E-06	3.4493E-03
610626.85	4206213.34	192474.4964	0.00338	0.57485	4.97015E-06	3.3859E-03
610626.85	4206216.78	190643.8838	0.00335	0.60569	5.23679E-06	3.3540E-03
610626.7	4206228.29	183461.5207	0.00322	0.73171	6.32636E-06	3.2290E-03
610626.85	4206264.9	149700.288	0.00263	1.59444	1.37855E-05	2.6434E-03
610626.85	4206289.71	106624.9792	0.00187	3.51754	3.04126E-05	1.9034E-03
610627.15	4206302.86	75262.74571	0.00132	6.23372	5.38967E-05	1.3759E-03
CONCUNIT ug/	m^3	0				
DEPUNIT g/m^	2	0				

Cancer Risk Calculations Using OEHHA/BAAQMD Cancer Risk Assumptions

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Infant

Cancer Potency Factor: 1.1 $(mg/kg\text{-}day)^{-1}$
Exposure Frequency 350 days/year
Averaging Period 25,550 days

Construction Annual DPM Emissions (as PM2.5 Exhaust) Unmitigated

Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Cancer Risk (/million)
3rd Trimester	0.056425699	10	361	0.85	0.25	0.7
0-1	0.056425699	10	1090	0.85	1.00	7.9
1-<2	0.056425699	10	1090	0.85	1.00	7.9
2-<3	0.056425699	3	572	0.72	0.34	0.4
				Total	2.59	16.8

Construction Annual DPM Emissions (as PM2.5 Exhaust) Mitigated

Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Cancer Risk (/million)
3rd Trimester	0.005645559	10	361	0.85	0.25	0.1
0-1	0.005645559	10	1090	0.85	1.00	0.8
1-<2	0.005645559	10	1090	0.85	1.00	0.8
2-<3	0.005645559	3	572	0.72	0.34	0.0
				Total		1.7

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Child

Cancer Potency Factor: 1.1 $(mg/kg\text{-}day)^{-1}$
Exposure Frequency 350 days/year
Averaging Period 25550 days

Construction Annual DPM Emissions (as PM2.5 Exhaust) Unmitigated

Construction Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	0.056425699	3	572	0.72	1.00	1.1
2	0.056425699	3	572	0.72	1.00	1.1
3	0.056425699	3	572	0.72	0.59	0.6
				Total	2.59	2.7

Construction Annual DPM Emissions (as PM2.5 Exhaust) Mitigated

Construction Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	0.005645559	3	572	0.72	1.00	0.1
2	0.005645559	3	572	0.72	1.00	0.1
3	0.005645559	3	572	0.72	0.59	0.1
				Total		0.3

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Adult

Cancer Potency Factor: 1.1 $(mg/kg\text{-}day)^{-1}$
Exposure Frequency 350 days/year
Averaging Period 25550 days

Construction Annual DPM Emissions (as PM2.5 Exhaust) Unmitigated

Construction Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	0.056425699	1	261	0.73	1.00	0.2
2	0.056425699	1	261	0.73	1.00	0.2
3	0.056425699	1	261	0.73	0.59	0.1
				Total	2.59	0.4

Construction Annual DPM Emissions (as PM2.5 Exhaust) Unmitigated

Construction Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	0.005645559	1	261	0.73	1.00	0.0
2	0.005645559	1	261	0.73	1.00	0.0
3	0.005645559	1	261	0.73	0.59	0.0
				Total		0.04

The Vines at Oakley Project

Construction Annual Total PM2.5 Emissions (PM2.5 Total) — Unmitigated Concentrations at MIR

Annual Average Onsite Total PM2.5 Emission Rate (grams/m2/sec): 2.21E-07
Annual Average Offsite Total PM2.5 Emission Rate - Road Segment 1 (grams/sec): 1.19E-04

Maximum PM2.5 Total (ug/m3): 7.09066-02

MIR X 610770.43 Y 4206197.03

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road Segment 1 Annual DPM Exhaust (ug/m3)	Offsite-Road Segment 1 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
610294.43	4205714.03	7090.07169	0.00156	0.07638	9.09610E-06	1.5731E-03
610301.43	4205714.03	7236.6894	0.00160	0.07565	9.00917E-06	1.6035E-03
610308.43	4205714.03	7384.41692	0.00163	0.07492	8.92223E-06	1.6380E-03
610315.43	4205714.03	7533.42786	0.00166	0.07415	8.83053E-06	1.6708E-03
610322.43	4205714.03	7683.19542	0.00170	0.07340	8.74121E-06	1.7038E-03
610329.43	4205714.03	7833.89471	0.00173	0.07265	8.65190E-06	1.7369E-03
610336.43	4205714.03	7985.14875	0.00176	0.07189	8.56139E-06	1.7702E-03
610343.43	4205714.03	8136.38867	0.00179	0.07111	8.46850E-06	1.8035E-03
610350.43	4205714.03	8287.87751	0.00183	0.07033	8.37561E-06	1.8368E-03
610357.43	4205714.03	8438.91454	0.00186	0.06954	8.28153E-06	1.8700E-03
610364.43	4205714.03	8589.60813	0.00189	0.06877	8.18983E-06	1.9032E-03
610371.43	4205714.03	8739.22835	0.00193	0.06813	8.11361E-06	1.9361E-03
610378.43	4205714.03	8905.12154	0.00196	0.06734	8.01953E-06	1.9726E-03
610385.43	4205714.03	9052.79066	0.00200	0.06656	7.92664E-06	2.0051E-03
610392.43	4205714.03	9198.87265	0.00203	0.06576	7.83137E-06	2.0372E-03
610399.43	4205714.03	9342.72523	0.00206	0.06497	7.73728E-06	2.0689E-03
610406.43	4205714.03	9483.59942	0.00209	0.06415	7.63963E-06	2.0998E-03
610413.43	4205714.03	9621.6647	0.00212	0.06333	7.54198E-06	2.1302E-03
610420.43	4205714.03	9755.90134	0.00215	0.06250	7.44313E-06	2.1597E-03
610427.43	4205714.03	9886.42257	0.00218	0.06165	7.34191E-06	2.1884E-03
610434.43	4205714.03	10012.12712	0.00221	0.06078	7.23830E-06	2.2161E-03
610441.43	4205714.03	10133.31951	0.00224	0.05992	7.13588E-06	2.2427E-03
610448.43	4205714.03	10248.97914	0.00226	0.05906	7.03346E-06	2.2681E-03
610455.43	4205714.03	10358.48279	0.00229	0.05820	6.93104E-06	2.2922E-03
610462.43	4205714.03	10461.87248	0.00231	0.05734	6.82863E-06	2.3148E-03
610469.43	4205714.03	10558.12251	0.00233	0.05648	6.72621E-06	2.3360E-03
610476.43	4205714.03	10647.36107	0.00235	0.05562	6.62379E-06	2.3558E-03
610483.43	4205714.03	10728.47443	0.00237	0.05476	6.52137E-06	2.3734E-03
610490.43	4205714.03	10801.63452	0.00238	0.05390	6.41896E-06	2.3894E-03
610504.43	4205714.03	10920.49513	0.00241	0.05219	6.21531E-06	2.4148E-03
610511.43	4205714.03	10965.99562	0.00242	0.05134	6.11409E-06	2.4254E-03
610518.43	4205714.03	11001.80591	0.00243	0.05049	6.01286E-06	2.4332E-03
610525.43	4205714.03	11027.4445	0.00243	0.04965	5.91282E-06	2.4387E-03
610532.43	4205714.03	11042.9196	0.00244	0.04881	5.81279E-06	2.4420E-03
610539.43	4205714.03	11047.42453	0.00244	0.04797	5.71275E-06	2.4430E-03
610546.43	4205714.03	11041.63325	0.00244	0.04713	5.61272E-06	2.4415E-03
610553.43	4205714.03	11024.84773	0.00243	0.04629	5.51268E-06	2.4377E-03
610560.43	4205714.03	10997.07118	0.00243	0.04546	5.41384E-06	2.4315E-03
610567.43	4205714.03	10958.12251	0.00233	0.05648	6.72621E-06	2.3360E-03
610574.43	4205714.03	10905.14321	0.00241	0.04379	5.21496E-06	2.4110E-03
610581.43	4205714.03	10841.81091	0.00239	0.04297	5.11730E-06	2.3970E-03
610588.43	4205714.03	10766.91312	0.00238	0.04214	5.01846E-06	2.3803E-03
610595.43	4205714.03	10681.14917	0.00236	0.04133	4.92199E-06	2.3618E-03
610602.43	4205714.03	10584.33991	0.00234	0.04052	4.82553E-06	2.3399E-03
610609.43	4205714.03	10476.53225	0.00231	0.03973	4.73145E-06	2.3160E-03
610616.43	4205714.03	10357.45383	0.00228	0.03893	4.63618E-06	2.2896E-03
610623.43	4205714.03	10227.97545	0.00226	0.03815	4.54329E-06	2.2610E-03
610630.43	4205714.03	10087.83115	0.00223	0.03738	4.45159E-06	2.2302E-03
610651.43	4205714.03	9609.28171	0.00212	0.03513	4.18364E-06	2.1241E-03
610658.43	4205714.03	9430.86418	0.00208	0.03441	4.09789E-06	2.0847E-03
610665.43	4205714.03	9243.20462	0.00204	0.03367	4.00121E-06	2.0423E-03
610672.43	4205714.03	9046.35049	0.00200	0.03298	3.92758E-06	1.9997E-03
610679.43	4205714.03	8841.56837	0.00195	0.03229	3.84542E-06	1.9544E-03
610686.43	4205714.03	8628.9274	0.00190	0.03161	3.76444E-06	1.9074E-03
610693.43	4205714.03	8408.66124	0.00186	0.03093	3.68346E-06	1.8587E-03
610700.43	4205714.03	8182.15868	0.00181	0.03027	3.60496E-06	1.8087E-03
610707.43	4205714.03	7949.42085	0.00175	0.02963	3.52864E-06	1.7573E-03
610714.43	4205714.03	7710.91344	0.00170	0.02899	3.45242E-06	1.7046E-03
610721.43	4205714.03	7467.05573	0.00165	0.02836	3.37740E-06	1.6507E-03
610847.43	4205714.03	3301.10061	0.00073	0.01954	2.32702E-06	7.3061E-04
610854.43	4205714.03	3126.93942	0.00069	0.01918	2.28415E-06	6.9215E-04
610861.43	4205714.03	2963.18703	0.00065	0.01884	2.24366E-06	6.5596E-04
610868.43	4205714.03	2809.3861	0.00062	0.01851	2.20436E-06	6.2199E-04
610875.43	4205714.03	2664.50591	0.00059	0.01819	2.16625E-06	5.8999E-04
610882.43	4205714.03	2527.47475	0.00056	0.01788	2.12933E-06	5.5972E-04
610889.43	4205714.03	2398.55887	0.00053	0.01758	2.09360E-06	5.3125E-04
610910.43	4205714.03	2058.28775	0.00045	0.01674	1.99357E-06	4.5608E-04
610917.43	4205714.03	1959.04957	0.00043	0.01648	1.96261E-06	4.3416E-04
610924.43	4205714.03	1866.84295	0.00041	0.01622	1.93164E-06	4.1378E-04
610931.43	4205714.03	1780.04392	0.00039	0.01598	1.90306E-06	3.9461E-04
610938.43	4205714.03	1696.72814	0.00037	0.01574	1.87448E-06	3.7620E-04
610945.43	4205714.03	1619.14173	0.00036	0.01551	1.84709E-06	3.5905E-04
610952.43	4205714.03	1546.97176	0.00034	0.01529	1.82089E-06	3.4310E-04
610959.43	4205714.03	1479.85672	0.00033	0.01507	1.79469E-06	3.2827E-04
610966.43	4205714.03	1417.45728	0.00031	0.01486	1.76968E-06	3.1448E-04
610973.43	4205714.03	1359.46774	0.00030	0.01465	1.74467E-06	3.0166E-04
610980.43	4205714.03	1305.55749	0.00029	0.01445	1.72085E-06	2.8974E-04
610987.43	4205714.03	1255.47036	0.00028	0.01426	1.69823E-06	2.7867E-04
610994.43	4205714.03	1208.92047	0.00027	0.01407	1.67560E-06	2.6838E-04
611001.43	4205714.03	1165.32828	0.00026	0.01389	1.65416E-06	2.5874E-04
611008.43	4205714.03	1125.03051	0.00025	0.01372	1.63392E-06	2.4968E-04
611015.43	4205714.03	1087.48507	0.00024	0.01354	1.61368E-06	2.4116E-04
611022.43	4205714.03	1052.49071	0.00023	0.01338	1.59343E-06	2.3315E-04
611029.43	4205714.03	1019.87563	0.00022	0.01321	1.57318E-06	2.2561E-04
611050.43	4205714.03	934.1842	0.00021	0.01275	1.51840E-06	2.0600E-04
611057.43	4205714.03	909.14291	0.00020	0.01260	1.50054E-06	2.0020E-04
611064.43	4205714.03	885.6481	0.00020	0.01245	1.48267E-06	1.9435E-04
611071.43	4205714.03	863.36682	0.00019	0.01231	1.46600E-06	1.8900E-04
611078.43	4205714.03	842.55673	0.00019	0.01217	1.44933E-06	1.8417E-04
611085.43	4205714.03	822.89619	0.00018	0.01204	1.43385E-06	1.7967E-04
611092.43	4205714.03	804.32322	0.00018	0.01190	1.41717E-06	1.7486E-04
610294.43	4205721.03	7184.4317	0.00158	0.07801	9.29022E-06	1.5934E-03
610301.43	4205721.03	7337.09288	0.00162	0.07726	9.20095E-06	1.6279E-03
610308.43	4205721.03	7490.97113	0.00165	0.07652	9.11278E-06	1.6617E-03
610315.43	4205721.03	7646.56921	0.00169	0.07574	9.01989E-06	1.6968E-03
610322.43	4205721.03	7803.34434	0.00172	0.07497	8.92818E-06	1.7305E-03
610329.43	4205721.03	7960.86747	0.00176	0.07421	8.83768E-06	1.7651E-03
610336.43	4205721.03	8119.36814	0.00179	0.07343	8.74479E-06	1.8000E-03
610343.43	4205721.03	8278.22427	0.00183	0.07263	8.64952E-06	1.8349E-03
610350.43	4205721.03	8437.58827	0.00186	0.07184	8.55543E-06	1.8700E-03
610357.43	4205721.03	8596.71356	0.00190	0.07104	8.46016E-06	1.9050E-03
610364.43	4205721.03	8755.79212	0.00193	0.07024	8.36489E-06	1.9400E-03
610371.43	4205721.03	8914.01	0.00197	0.06960	8.28867E-06	1.9748E-03
610378.43	4205721.03	9088.77516	0.00201	0.06879	8.19221E-06	2.0131E-03
610385.43	4205721.03	9245.77167	0.00204	0.06799	8.09694E-06	2.0478E-03
610392.43	4205721.03	9400.76794	0.00207	0.06760	8.04978E-06	2.0818E-03
610399.43	4205721.03	9554.00425	0.00211	0.06635	7.90163E-06	2.1158E-03
610406.43	4205721.03	9704.45087	0.00214	0.06551	7.80159E-06	2.1448E-03
610413.43	4205721.03	9852.23001	0.00217	0.06467	7.70156E-06	2.1757E-03
610420.43	4205721.03	9996.27707	0.00221	0.06383	7.60152E-06	2.2129E-03
610427.43	4205721.03	10136.75021	0.00224	0.06295	7.49672E-06	2.2448E-03
610434.43	4205721.03	10272.77895	0.00227	0.06207	7.39192E-06	2.2737E-03
610441.43	4205721.03	10403.56326	0.00230	0.06118	7.28593E-06	2.3005E-03
610448.43	4205721.03	10529.27806	0.00232	0.06030	7.18113E-06	2.3231E-03
610455.43	4205721.03	10648.62812	0.00235	0.05942	7.07633E-06	2.3426E-03
610462.43	4205721.03	10761.85479	0.00237	0.05853	6.97034E-06	2.3591E-03
610469.43	4205721.03	10867.73144	0.00240	0.05765	6.86555E-06	2.4048E-03
610476.43	4205721.03	10966.42719	0.00242	0.05677	6.76075E-06	2.4261E-03
610483.43	4205721.03	11056.66929	0.00244	0.05588	6.65476E-06	2.4459E-03
610490.43	4205721.03	11138.81452	0.00246	0.05501	6.55115E-06	2.4639E-03
610504.43	4205721.03	11274.88021	0.00249	0.05326	6.34274E-06	2.4937E-03
610511.43	4205721.03	11328.00035	0.00250	0.05238	6.23794E-06	2.5053E-03
610518.43	4205721.03	11371.22752	0.00251	0.05152	6.13552E-06	2.5144E-03
610525.43	4205721.03	11403.46569	0.00252	0.05065	6.03191E-06	2.5218E-03
610532.43	4205721.03	11425.19406	0.00252	0.04979	5.92950E-06	2.5265E-03
610539.43	4205721.03	11435.29697	0.00252	0.04893	5.82708E-06	2.5286E-03
610546.43	4205721.03	11434.41832	0.00252	0.04806	5.72347E-06	2.5266E-03
610553.43	4205721.03	11421.51684	0.00252	0.04720	5.62105E-06	2.5254E-03
610560.43	4205721.03	11397.21057	0.00251	0.04635	5.51938E-06	2.5199E-03
610567.43	4205721.03	11359.95067	0.00251	0.04550	5.41860E-06	2.5116E-03
610574.43	4205721.03	11308.88851	0.00249	0.04464	5.31618E-06	2.5002E-03
610581.43	4205721.03	11245.77045	0.00248	0.04379	5.21496E-06	2.4862E-03
610588.43	4205721.03	11170.62456	0.00246	0.04295	5.11492E-06	2.4695E-03
610595.43	4205721.03	11083.29763	0.00245	0.04211	5.01488E-06	2.4501E-03
610602.43	4205721.03	10984.08292	0.00242	0.04128	4.91604E-06	2.4282E-03
610609.43	4205721.03	10873.01421	0.00240	0.04046	4.81839E-06	2.4036E-03
610616.43	4205721.03	10750.13238	0.00237	0.03964	4.72074E-06	2.3763E-03
610623.43	4205721.03	10615.63814	0.00234	0.03884	4.62546E-06	2.3466E-03
610630.43	4205721.03	10469.69463	0.00231	0.03804	4.53019E-06	2.3141E-03
610651.43	4205721.03	9970.14079	0.00220	0.03574	4.25628E-06	2.2038E-03
610658.43	4205721.03	9783.14737	0.00216	0.03499	4.16696E-06	2.1625E-03
610665.43	4205721.03	9586.58411	0.00211	0.03426	4.08003E-06	2.1190E-03
610672.43	4205721.03	9380.11892	0.00207	0.03354	3.99428E-06	2.0734E-03
610679.43	4205721.03	9164.7562	0.00202	0.03283	3.90973E-06	2.0258E-03
610686.43	4205721.03	8941.34682	0.00197	0.03213	3.82637E-06	1.9764E-03
610693.43	4205721.03	8709.86449	0.00192	0.03144	3.74419E-06	1.9253E-03
610700.43	4205721.03	8471.35962	0.00187	0.03076	3.66321E-06	1.8726E-03
610707.43	4205721.03	8227.00732	0.00181	0.03010	3.58461E-06	1.8186E-03
610714.43	4205721.03	7975.90473	0.00176	0.02944	3.50601E-06	1.7631E-03
610735.43	4205721.03	7194.56505	0.00159	0.02756	3.28212E-06	1.5905E-03
610742.43	4205721.03	6929.34869	0.00153	0.02696	3.21067E-06	1.5319E-03
610749.43	4205721.03	6663.80871	0.00147	0.02637	3.14041E-06	1.4737E-03
610756.43	4205721.03	6398.0704	0.00141	0.02581	3.07372E-06	1.4146E-03
610763.43	4205721.03	6133.5775	0.00135	0.02525	3.00703E-06	1.3562E-03
610770.43	4205721.03	5871.31662	0.00130	0.02472	2.94391E-06	1.2982E-03
610777.43	4205721.03	5612.72098	0.00124	0.02419	2.88079E-06	1.2411E-03
610784.43	4205721.03	5357.77656	0.00118	0.02369	2.82124E-06	1.1848E-03
610791.43	4205721.03	5107.34819	0.00113	0.02320	2.76289E-06	1.1295E-03
610798.43	4205721.03	4862.5306	0.00107	0.02272	2.70573E-06	1.0754E-03
610805.43	4205721.03	4624.21412	0.00102	0.02226	2.65095E-06	1.0228E-03
610812.43	4205721.03	4392.86887	0.00097	0.02181	2.59736E-06	9.7172E-04
610819.43	4205721.03	4169.34862	0.00092	0.02138	2.54615E-06	9.2316E-04
610826.43	4205721.03	3953.89102	0.00087	0.02096	2.49613E-06	8.7737E-04
610833.43	4205721.03	3746.9886	0.00083	0.02055	2.44730E-06	8.2908E-04
610840.43	4205721.03	3548.96701	0.00078	0.02016	2.40086E-06	7.8535E-04
610847.43	4205721.03	3359.94571	0.00074	0.01979	2.35679E-06	7.4361E-04
610854.43	4205721.03	3180.06817	0.00070	0.01942	2.31273E-06	7.0388E-04
610861.43	4205721.03	3011.3052	0.00066	0.01907	2.27105E-06	6.6661E-04
610868.43	4205721.03	2853.6154	0.00063	0.01873	2.23056E-06	6.3176E-04
610875.43	4205721.03	2704.84028	0.00060	0.01841	2.19245E-06	5.9892E-04
610882.43	4205721.03	2565.32385	0.00057	0.01810	2.15553E-06	5.6810E-04
610889.43	4205721.03	2433.80673	0.00054	0.01779	2.11861E-06	5.3905E-04
610910.43	4205721.03	2087.43307	0.00046	0.01694	2.01739E-06	4.6253E-04
610917.43	4205721.03	1986.8647	0.00044	0.01668	1.98642E-06	4.4032E-04
610924.43	4205721.03	1893.15738	0.00042	0.01642	1.95546E-06	4.1961E-04
610931.43	4205721.03	1805.42297	0.00040	0.01617	1.92569E-06	4.0023E-04
610938.43	4205721.03	1720.80402	0.00038	0.01593	1.89711E-06	3.8153E-04
610945.43	4205721.03	1642.10796	0.00036	0.01569	1.86852E-06	3.6414E-04
610952.43	4205721.03	1568.93231	0.00035	0.01547	1.84232E-06	3.4797E-04
610959.43	4205721.03	1500.99263	0.00033	0.01525	1.81612E-06	3.3296E-04
610966.43	4205721.03	1437.85333	0.00032	0.01503	1.78992E-06	3.1900E-04
610973.43	4205721.03	1378.91138	0.00030	0.01482	1.76492E-06	3.0597E-04
610980.43	4205721.03	1324.47979	0.00029	0.01462	1.74110E-06	2.9384E-04
610987.43	4205721.03	1273.02459	0.00028	0.01443	1.71847E-06	2.8276E-04
610994.43	4205721.03	1226.9318	0.00027	0.01424	1.69584E-06	2.7237E-04
611001.43	4205721.03	1183.24455	0.00026	0.01405	1.67322E-06	2.6271E-04
611008.43	4205721.03	1142.61385	0.00025	0.01387	1.65178E-06	2.5373E-04
611015.43	4205721.03	1104.78323	0.00024	0.01370	1.63153E-06	2.4536E-04
611022.43	4205721.03	1069.51349	0.00024	0.01353	1.61129E-06	2.3756E-04
611029.43	4205721.03	1036.60774	0.00023	0.01336	1.59104E-06	2.3028E-04
611050.43	4205721.03	950.03384	0.00021	0.01289	1.53507E-06	2.1113E-04
611057.43	4205721.03	924.78893	0.00020	0.01274	1.51721E-06	2.0544E-04
611064.43	4205721.03	901.05399	0.00020	0.01259	1.49934E-06	2.0028E-04
611071.43	4205721.03	878.74343	0.00019	0.01245	1.48267E-06	1.9535E-04
611078.43	4205721.03	857.70552	0.00019	0.01231	1.46600E-06	1.9068E-04
611085.43	4205721.03	837.83472	0.00018	0.01217	1.44933E-06	1.8629E-04
611092.43	4205721.03	819.05774	0.00018	0.01204	1.42138E-06	1.8213E-04

The Vines at Oakley Project

Construction Annual Total PM2.5 Emissions (PM2.5 Total) — Mitigated Concentrations at MIR

Annual Average Onsite Total PM2.5 Emission Rate (grams/m2/sec): 6.25E-08
Annual Average Offsite Total PM2.5 Emission Rate - Road Segment 1 (grams/sec): 1.19E-04

Maximum PM2.5 Total (ug/m3): 2.01038-02

MIR X 610770.43 Y 4206197.03

X (m)	Y (m)	Onsite Annual PM2.5 w/Unit Emissions (ug/m3)	Onsite Annual PM2.5 w/Actual Emissions (ug/m3)	Offsite-Road Segment 1 Annual PM2.5 (ug/m3)	Offsite-Road Segment 1 Annual PM2.5 w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
610294.43	4205714.03	7090.07169	0.00044	0.07638	9.09610E-06	4.5230E-04
610301.43	4205714.03	7236.6894	0.00045	0.07565	9.00917E-06	4.6138E-04
610308.43	4205714.03	7384.41692	0.00046	0.07492	8.92223E-06	4.7052E-04
610315.43	4205714.03	7533.42786	0.00047	0.07415	8.83053E-06	4.7975E-04
610322.43	4205714.03	7683.19542	0.00048	0.07340	8.74121E-06	4.8902E-04
610329.43	4205714.03	7833.89471	0.00049	0.07265	8.65190E-06	4.9835E-04
610336.43	4205714.03	7985.14875	0.00050	0.07189	8.56139E-06	5.0771E-04
610343.43	4205714.03	8136.38867	0.00051	0.07111	8.46850E-06	5.1708E-04
610350.43	4205714.03	8287.87751	0.00052	0.07033	8.37561E-06	5.2645E-04
610357.43	4205714.03	8438.91454	0.00053	0.06954	8.28153E-06	5.3580E-04
610364.43	4205714.03	8589.60813	0.00054	0.06877	8.18983E-06	5.4513E-04
610371.43	4205714.03	8739.22835	0.00055	0.06813	8.11361E-06	5.5440E-04
610378.43	4205714.03	8905.12154	0.00056	0.06734	8.01953E-06	5.6468E-04
610385.43	4205714.03	9052.79066	0.00057	0.06656	7.92664E-06	5.7382E-04
610392.43	4205714.03	9198.87265	0.00058	0.06576	7.83137E-06	5.8285E-04
610399.43	4205714.03	9342.72523	0.00058	0.06497	7.73728E-06	5.9175E-04
610406.43	4205714.03	9483.59942	0.00059	0.06415	7.63963E-06	6.0046E-04
610413.43	4205714.03	9621.6647	0.00060	0.06333	7.54198E-06	6.0899E-04
610420.43	4205714.03	9755.90134	0.00061	0.06250	7.44313E-06	6.1729E-04
610427.43	4205714.03	9886.42257	0.00062	0.06165	7.34191E-06	6.2534E-04
610434.43	4205714.03	10012.12712	0.00063	0.06078	7.23830E-06	6.3310E-04
610441.43	4205714.03	10133.31951	0.00063	0.05992	7.13588E-06	6.4057E-04
610448.43	4205714.03	10248.97914	0.00064	0.05906	7.03346E-06	6.4778E-04
610455.43	4205714.03	10358.48279	0.00065	0.05820	6.93104E-06	6.5444E-04
610462.43	4205714.03	10461.87248	0.00065	0.05734	6.82863E-06	6.6080E-04
610469.43	4205714.03	10558.12251	0.00066	0.05648	6.72621E-06	6.6672E-04
610476.43	4205714.03	10647.36107	0.00067	0.05562	6.62379E-06	6.7218E-04
610483.43	4205714.03	10728.47443	0.00067	0.05476	6.52137E-06	6.7716E-04
610490.43	4205714.03	10801.63452	0.00068	0.05390	6.41896E-06	6.8163E-04
610504.43	4205714.03	10920.49513	0.00068	0.05219	6.21531E-06	6.8888E-04
610511.43	4205714.03	10965.99562	0.00069	0.05134	6.11409E-06	6.9160E-04
610518.43	4205714.03	11001.80591	0.00069	0.05049	6.01286E-06	6.9374E-04
610525.43	4205714.03	11027.4445	0.00069	0.04965	5.91282E-06	6.9524E-04
610532.43	4205714.03	11042.9196	0.00069	0.04881	5.81279E-06	6.9611E-04
610539.43	4205714.03	11047.42453	0.00069	0.04797	5.71275E-06	6.9628E-04
610546.43	4205714.03	11041.63325	0.00069	0.04713	5.61272E-06	6.9583E-04
610553.43	4205714.03	11024.84773	0.00069	0.04629	5.51268E-06	6.9468E-04
610560.43	4205714.03	10997.07118	0.00069	0.04546	5.41384E-06	6.9284E-04
610567.43	4205714.03	10957.20379	0.00068	0.04462	5.31380E-06	6.9025E-04
610574.43	4205714.03	10905.14321	0.00068	0.04379	5.21496E-06	6.8690E-04
610581.43	4205714.03	10841.81091	0.00068	0.04297	5.11730E-06	6.8284E-04
610588.43	4205714.03	10766.91312	0.00067	0.04214	5.01846E-06	6.7806E-04
610595.43	4205714.03	10681.14917	0.00067	0.04133	4.92199E-06	6.7260E-04
610602.43	4205714.03	10584.33991	0.00066	0.04052	4.82553E-06	6.6645E-04
610609.43	4205714.03	10476.53225	0.00065	0.03973	4.73145E-06	6.5962E-04
610616.43	4205714.03	10357.45383	0.00065	0.03893	4.63618E-06	6.5208E-04
610623.43	4205714.03	10227.97545	0.00064	0.03815	4.54329E-06	6.4390E-04
610630.43	4205714.03	10087.83115	0.00063	0.03738	4.45159E-06	6.3504E-04
610651.43	4205714.03	9609.28171	0.00060	0.03513	4.18364E-06	6.0488E-04
610658.43	4205714.03	9430.86418	0.00059	0.03441	4.09789E-06	5.9362E-04
610665.43	4205714.03	9243.20462	0.00058	0.03369	4.01215E-06	5.8181E-04
610672.43	4205714.03	9046.35049	0.00057	0.03298	3.92759E-06	5.6942E-04
610679.43	4205714.03	8841.56837	0.00055	0.03229	3.84542E-06	5.5653E-04
610686.43	4205714.03	8628.9274	0.00054	0.03161	3.76444E-06	5.4316E-04
610693.43	4205714.03	8408.66124	0.00053	0.03093	3.68346E-06	5.2931E-04
610700.43	4205714.03	8182.15868	0.00051	0.03027	3.60496E-06	5.1507E-04
610707.43	4205714.03	7949.42085	0.00050	0.02963	3.52864E-06	5.0045E-04
610714.43	4205714.03	7710.91344	0.00048	0.02899	3.45242E-06	4.8546E-04
610721.43	4205714.03	7467.05573	0.00047	0.02836	3.37740E-06	4.7014E-04
610847.43	4205714.03	3301.10061	0.00021	0.01954	2.32702E-06	2.0869E-04
610854.43	4205714.03	3126.93942	0.00020	0.01918	2.28415E-06	1.9775E-04
610861.43	4205714.03	2963.18703	0.00

610294.43	4205728.03	7278.14877	0.00161	0.07969	9.490029E-06	1.61516E-03	610294.43	4205728.03	7278.14877	0.00045	0.07969	9.490029E-06	4.6445E-04
610301.43	4205728.03	7436.87762	0.00164	0.07893	9.39978E-06	1.65015E-03	610301.43	4205728.03	7436.87762	0.00046	0.07893	9.39978E-06	4.7428E-04
610308.43	4205728.03	7597.18219	0.00168	0.07817	9.30927E-06	1.68545E-03	610308.43	4205728.03	7597.18219	0.00047	0.07817	9.30927E-06	4.8421E-04
610315.43	4205728.03	7759.44516	0.00171	0.07738	9.21519E-06	1.72116E-03	610315.43	4205728.03	7759.44516	0.00049	0.07738	9.21519E-06	4.9426E-04
610322.43	4205728.03	7922.9131	0.00175	0.07659	9.12111E-06	1.75706E-03	610322.43	4205728.03	7922.9131	0.00050	0.07659	9.12111E-06	5.0438E-04
610329.43	4205728.03	8087.96572	0.00178	0.07582	9.029451E-06	1.79316E-03	610329.43	4205728.03	8087.96572	0.00051	0.07582	9.029451E-06	5.1461E-04
610336.43	4205728.03	8253.83107	0.00182	0.07502	8.934145E-06	1.82988E-03	610336.43	4205728.03	8253.83107	0.00052	0.07502	8.934145E-06	5.2488E-04
610343.43	4205728.03	8420.71189	0.00186	0.07423	8.840066E-06	1.8666E-03	610343.43	4205728.03	8420.71189	0.00053	0.07423	8.840066E-06	5.3522E-04
610350.43	4205728.03	8587.99492	0.00189	0.07340	8.741215E-06	1.90344E-03	610350.43	4205728.03	8587.99492	0.00054	0.07340	8.741215E-06	5.4558E-04
610357.43	4205728.03	8755.79694	0.00193	0.07258	8.643565E-06	1.94016E-03	610357.43	4205728.03	8755.79694	0.00055	0.07258	8.643565E-06	5.5597E-04
610364.43	4205728.03	8923.35651	0.00197	0.07177	8.547126E-06	1.97723E-03	610364.43	4205728.03	8923.35651	0.00056	0.07177	8.547126E-06	5.6635E-04
610371.43	4205728.03	9090.81299	0.00201	0.07111	8.468505E-06	2.0143E-03	610371.43	4205728.03	9090.81299	0.00057	0.07111	8.468505E-06	5.7674E-04
610378.43	4205728.03	9274.72898	0.00205	0.07028	8.369655E-06	2.05451E-03	610378.43	4205728.03	9274.72898	0.00058	0.07028	8.369655E-06	5.8831E-04
610385.43	4205728.03	9441.12724	0.00208	0.06946	8.271002E-06	2.09113E-03	610385.43	4205728.03	9441.12724	0.00059	0.06946	8.271002E-06	5.9844E-04
610392.43	4205728.03	9605.86321	0.00212	0.06861	8.170776E-06	2.1274E-03	610392.43	4205728.03	9605.86321	0.00060	0.06861	8.170776E-06	6.0864E-04
610399.43	4205728.03	9768.98897	0.00216	0.06778	8.071935E-06	2.1632E-03	610399.43	4205728.03	9768.98897	0.00061	0.06778	8.071935E-06	6.1875E-04
610406.43	4205728.03	9929.53571	0.00219	0.06692	7.969515E-06	2.19866E-03	610406.43	4205728.03	9929.53571	0.00062	0.06692	7.969515E-06	6.2867E-04
610413.43	4205728.03	10087.61298	0.00223	0.06606	7.867099E-06	2.2333E-03	610413.43	4205728.03	10087.61298	0.00063	0.06606	7.867099E-06	6.3845E-04
610420.43	4205728.03	10242.4785	0.00226	0.06520	7.76468E-06	2.2674E-03	610420.43	4205728.03	10242.4785	0.00064	0.06520	7.76468E-06	6.4882E-04
610427.43	4205728.03	10393.11232	0.00229	0.06429	7.656305E-06	2.3005E-03	610427.43	4205728.03	10393.11232	0.00065	0.06429	7.656305E-06	6.5733E-04
610434.43	4205728.03	10539.86685	0.00233	0.06339	7.549125E-06	2.3328E-03	610434.43	4205728.03	10539.86685	0.00066	0.06339	7.549125E-06	6.6640E-04
610441.43	4205728.03	10681.30132	0.00236	0.06249	7.441944E-06	2.3639E-03	610441.43	4205728.03	10681.30132	0.00067	0.06249	7.441944E-06	6.7513E-04
610448.43	4205728.03	10817.69428	0.00239	0.06158	7.333576E-06	2.3939E-03	610448.43	4205728.03	10817.69428	0.00068	0.06158	7.333576E-06	6.8355E-04
610455.43	4205728.03	10947.81797	0.00242	0.06067	7.225206E-06	2.4225E-03	610455.43	4205728.03	10947.81797	0.00068	0.06067	7.225206E-06	6.9158E-04
610462.43	4205728.03	11071.59803	0.00244	0.05977	7.118026E-06	2.4497E-03	610462.43	4205728.03	11071.59803	0.00069	0.05977	7.118026E-06	6.9921E-04
610469.43	4205728.03	11188.26872	0.00247	0.05886	7.009646E-06	2.4753E-03	610469.43	4205728.03	11188.26872	0.00070	0.05886	7.009646E-06	7.0639E-04
610476.43	4205728.03	11296.84839	0.00249	0.05795	6.901275E-06	2.5009E-03	610476.43	4205728.03	11296.84839	0.00071	0.05795	6.901275E-06	7.1307E-04
610483.43	4205728.03	11397.50908	0.00251	0.05705	6.794095E-06	2.5212E-03	610483.43	4205728.03	11397.50908	0.00071	0.05705	6.794095E-06	7.1925E-04
610490.43	4205728.03	11488.99771	0.00253	0.05615	6.686011E-06	2.5413E-03	610490.43	4205728.03	11488.99771	0.00072	0.05615	6.686011E-06	7.2487E-04
610504.43	4205728.03	11643.75268	0.00257	0.05435	6.472556E-06	2.5752E-03	610504.43	4205728.03	11643.75268	0.00073	0.05435	6.472556E-06	7.3433E-04
610511.43	4205728.03	11705.63325	0.00258	0.05346	6.366566E-06	2.5888E-03	610511.43	4205728.03	11705.63325	0.00073	0.05346	6.366566E-06	7.3809E-04
610518.43	4205728.03	11757.12185	0.00259	0.05258	6.261766E-06	2.6000E-03	610518.43	4205728.03	11757.12185	0.00073	0.05258	6.261766E-06	7.4120E-04
610525.43	4205728.03	11797.08793	0.00260	0.05169	6.155776E-06	2.6088E-03	610525.43	4205728.03	11797.08793	0.00074	0.05169	6.155776E-06	7.4359E-04
610532.43	4205728.03	11825.45934	0.00261	0.05080	6.049786E-06	2.6149E-03	610532.43	4205728.03	11825.45934	0.00074	0.05080	6.049786E-06	7.4526E-04
610539.43	4205728.03	11842.01799	0.00261	0.04992	5.944986E-06	2.6185E-03	610539.43	4205728.03	11842.01799	0.00074	0.04992	5.944986E-06	7.4619E-04
610546.43	4205728.03	11846.71912	0.00261	0.04903	5.838998E-06	2.619E-03	610546.43	4205728.03	11846.71912	0.00074	0.04903	5.838998E-06	7.4638E-04
610553.43	4205728.03	11838.68508	0.00261	0.04815	5.73419E-06	2.6179E-03	610553.43	4205728.03	11838.68508	0.00074	0.04815	5.73419E-06	7.4577E-04
610560.43	4205728.03	11818.02793	0.00261	0.04727	5.629398E-06	2.612BE-03	610560.43	4205728.03	11818.02793	0.00074	0.04727	5.629398E-06	7.4438E-04
610567.43	4205728.03	11783.51711	0.00260	0.04640	5.52578E-06	2.6051E-03	610567.43	4205728.03	11783.51711	0.00074	0.04640	5.52578E-06	7.4212E-04
610574.43	4205728.03	11733.92958	0.00259	0.04551	5.419776E-06	2.5941E-03	610574.43	4205728.03	11733.92958	0.00073	0.04551	5.419776E-06	7.3891E-04
610581.43	4205728.03	11671.38289	0.00257	0.04464	5.31618E-06	2.5802E-03	610581.43	4205728.03	11671.38289	0.00073	0.04464	5.31618E-06	7.3490E-04
610588.43	4205728.03	11596.14081	0.00256	0.04377	5.21257E-06	2.5635E-03	610588.43	4205728.03	11596.14081	0.00072	0.04377	5.21257E-06	7.3009E-04
610595.43	4205728.03	11507.4478	0.00254	0.04291	5.110166E-06	2.5438E-03	610595.43	4205728.03	11507.4478	0.00072	0.04291	5.110166E-06	7.2444E-04
610602.43	4205728.03	11405.9649	0.00252	0.04205	5.007746E-06	2.5213E-03	610602.43	4205728.03	11405.9649	0.00071	0.04205	5.007746E-06	7.1800E-04
610609.43	4205728.03	11291.97653	0.00249	0.04121	4.907706E-06	2.4961E-03	610609.43	4205728.03	11291.97653	0.00071	0.04121	4.907706E-06	7.1077E-04
610616.43	4205728.03	11164.85822	0.00246	0.04037	4.807676E-06	2.4679E-03	610616.43	4205728.03	11164.85822	0.00070	0.04037	4.807676E-06	7.0273E-04
610623.43	4205728.03	11025.20769	0.00243	0.03955	4.710012E-06	2.4370E-03	610623.43	4205728.03	11025.20769	0.00069	0.03955	4.710012E-06	6.9390E-04
610630.43	4205728.03	10873.50442	0.00240	0.03873	4.612366E-06	2.4035E-03	610630.43	4205728.03	10873.50442	0.00068	0.03873	4.612366E-06	6.8432E-04
610651.43	4205728.03	10351.57881	0.00228	0.03636	4.330126E-06	2.2880E-03	610651.43	4205728.03	10351.57881	0.00065	0.03636	4.330126E-06	6.5141E-04
610658.43	4205728.03	10156.17958	0.00224	0.03560	4.239615E-06	2.2448E-03	610658.43	4205728.03	10156.17958	0.00063	0.03560	4.239615E-06	6.3910E-04
610665.43	4205728.03	9949.72443	0.00220	0.03485	4.15029E-06	2.1992E-03	610665.43	4205728.03	9949.72443	0.00062	0.03485	4.15029E-06	6.2611E-04
610672.43	4205728.03	9733.02882	0.00215	0.03411	4.062166E-06	2.1513E-03	610672.43	4205728.03	9733.02882	0.00061	0.03411	4.062166E-06	6.1248E-04
610679.43	4205728.03	9506.75463	0.00210	0.03338	3.975238E-06	2.1013E-03	610679.43	4205728.03	9506.75463	0.00059	0.03338	3.975238E-06	5.9824E-04
610686.43	4205728.03	9271.46787	0.00205	0.03266	3.889488E-06	2.0493E-03	610686.43	4205728.03	9271.46787	0.00058	0.03266	3.889488E-06	5.8345E-04
610693.43	4205728.03	9027.03839	0.00199	0.03195	3.804493E-06	1.9955E-03	610693.43	4205728.03	9027.03839	0.00056	0.03195	3.804493E-06	5.6834E-04
610700.43	4205728.03	8776.96344	0.00194	0.03126	3.72276E-06	1.9400E-03	610700.43	4205728.03	8776.96344	0.00055	0.03126	3.72276E-06	5.5237E-04
610707.43	4205728.03	8519.44035	0.00188	0.03058	3.64178E-06	1.8831E-03	610707.43	4205728.03	8519.44035	0.00053	0.03058	3.64178E-06	5.3610E-04
610728.43	4205728.03	7708.78546	0.00170	0.02860	3.405988E-06	1.7041E-03	610728.43	4205728.03	7708.78546	0.00048	0.02860	3.405988E-06	4.8528E-04
610735.43	4205728.03	7430.85059	0.00164	0.02797	3.330956E-06	1.6427E-03	610735.43	4205728.03	7430.85059	0.00046	0.02797	3.330956E-06	4.6783E-04
610742.43	4205728.03	7151.66994	0.00158	0.02736	3.258315E-06	1.5810E-03	610742.43	4205728.03	7151.66994	0.00045	0.02736	3.258315E-06	4.5031E-04
610749.43	4205728.03	6871.44159	0.00152	0.02676	3.186858E-06	1.5193E-03	610749.43	4205728.03	6871.44159	0.00043	0.02676	3.186858E-06	4.3272E-04
610756.43	4205728.03	6592.09699	0.00145	0.02618	3.11778E-06	1.4574E-03	610756.43	4205728.03	6592.09699	0.00041	0.02618	3.11778E-06	4.1519E-04
610763.43	4205728.03	6313.78587	0.00139	0.02562	3.050289E-06	1.3968E-03	610763.43	4205728.03	6313.78587	0.00039	0.02562	3.050289E-06	3.9778E-04
610770.43	4205728.03	6038.54189	0.00133	0.02507	2.985596E-06	1.335E-03	610770.43	4205728.03	6038.54189	0.00038	0.02507	2.985596E-06	3.8046E-04
610777.43	4205728.03	5766.45838	0.00127	0.02453	2.92128E-06	1.2751E-03	610777.43	4205728.03	5766.45838	0.00036	0.02453	2.92128E-06	3.6338E-04
610784.43	4205728.03	5499.41524	0.00121	0.02402	2.860544E-06	1.2161E-03	610784.43	4205728.03	5499.41524	0.00034	0.02402	2.860544E-06	3.4663E-04
610791.43	4205728.03	5237.40736	0.00116	0.02351	2.799816E-06	1.1582E-03	610791.43	4205728.03	5237.40736	0.00033	0.02351	2.799816E-06	3.3019E-04
610798.43	4205728.03	4981.58093	0.00110	0.02303	2.74265E-06	1.1017E-03	610798.43	4205728.03	4981.58093	0.00031	0.02303	2.74265E-06	3.1414E-04
610805.43	4205728.03	4732.8825	0.00104	0.02256	2.686676E-06	1.0468E-03	610805.43	4205728.03	4732.8825	0.00030	0.02256	2.686676E-06	2.9854E-04
610812.43	4205728.03	4491.81062	0.00099	0.02210	2.631089E-06	9.9359E-04	610812.43	4205728.03	4491.81062	0.00028	0.02210	2.631089E-06	2.8342E-04
610819.43	4205728.03	4259.18622	0.00094	0.02166	2.57949E-06	9.4221E-04	610819.43	4205728.03	4259.18622	0.00027	0.02166	2.57949E-06	2.6882E-04
610826.43	4205728.03	4035.34143	0.00089	0.02123	2.528288E-06	8.9278E-04	610826.43	4205728.03	4035.34143	0.00025	0.02123	2.528288E-06	2.5478E-04
610833.43	4205728.03	3820.69768	0.00084	0.02082	2.479468E-06	8.4538E-04	610833.43	4205728.03	3820.69768	0.00024	0.02082	2.479468E-06	2.4131E-04
610840.43	4205728.03	3615.58524	0.00080	0.02042	2.43182E-06	8.0008E-04	610840.43	4205728.03	3615.58524	0.00023	0.02042	2.43182E-06	2.2844E-04
610847.43	4205728.03	3420.14552	0.00075	0.02004	2.386576E-06	7.5692E-04	610847.43	4205728.03	3420.14552	0.00021	0.02004	2.386576E-06	2.1618E-04
610854.43	4205728.03	3234.49271	0.00071	0.01967	2.342508E-06	7.1592E-04	610854.43	4205728.03	3234.49271	0.00020	0.01967	2.342508E-06	2.0453E-04
610861.43	4205728.03	3061.06709	0.00068	0.01931	2.299636E-06	6.7761E-04	610861.43	4205728.03	3061.06709	0.00019	0.01931	2.299636E-06	1.9365E-04
610868.43	4205728.03	2899.34856	0.00064	0.01897	2.259146E-06	6.4190E-04	610868.43	4205728.03	2899.34856	0.00018	0.01897	2.259146E-06	1.8350E-04
610875.43	4205728.03	2746.5803	0.00061	0.01864	2.219846E-06	6.0815E-04	610875.43	4205728.03	2746.5803	0.00017	0.01864	2.219846E-06	1.7391E-04
610882.43	4205728.03	2603.57112	0.00057	0.01832	2.181739E-06	5.7657E-04	610882.43	4205728.03	2603.57112	0.00016	0.01832	2.181739E-06	1.6493E-04
610889.43	4205728.03	2469.46986	0.00054	0.01801	2.144815E-06	5.4694E-04	610889.43	4205728.03	2469.46986	0.00015	0.01801	2.144815E-06	1.5651E-04
610910.43	4205728.03	2117.01206	0.00047	0.01715	2.042406E-06	4.6908E-04	610910.43	4205728.03	2117.01206	0.00013	0.01715	2.042406E-06	1.3438E-04
610917.43	4205728.03	2015.18801	0.00044	0.01688	2.010245E-06	4.4659E-04	610917.43	4205728.03	2015.18801	0.00013	0.01688	2.010245E-06	1.2798E-04
610924.43	4205728.03	1920.42635	0.00042	0.01662	1.979286E-06	4.2565E-04	610924.43	4205728.03	1920.42635	0.00012	0.01662	1.979286E-06	1.2203E-04
610931.43	4205728.03	1831.84921	0.00040	0.01637	1.949515E-06	4.0608E-04	610931.43	4205728.03	1831.84921	0.00011	0.01637	1.949515E-06	1.1646E-04
610938.43	4205728.03	1745.88763	0.00039	0.01612	1.919738E-06	3.8709E-04	610938.43	4205728.03	1745.88763	0.00011	0.01612	1.919738E-06	1.1106E-04
610945.43	4205728.03	1665.62536	0.00037	0.01588	1.891155E-06	3.6935E-04	610945.43	4205728.03	1665.62536	0.00010	0.01588	1.891155E-06	1.0601E-04
610952.43	4205728.03	1591.5233	0.00035	0.01565	1.863766E-06	3.5298E-04	610952.43	4205728.03	1591.5233	0.00010	0.01565	1.863766E-06	1.0135E-04
610959.43	4205728.03	1522.71258	0.00034	0.01543	1.837568E-06	3.3777E-04	610959.43	4205728.03	1522.71258	0.00010	0.01543	1.837568E-06	9.7021E-05
610966.43	4205728.03	1458.8451	0.00032	0.01521	1.81136E-06	3.2365E-04	610966.43	4205728.03	1458.8451	0.00009	0.01521	1.81136E-06	9.3004E-05
610973.43	4205728.03	1399.5844	0.00031	0.01500	1.786355E-06	3.1055E-04	610973.43	4205728.03	1399.5844	0.00009	0.01500	1.786355E-06	8.9275E-05
610980.43	4205728.03	1344.60927	0.00030	0.01480	1.762538E-06	2.9840E-04	610980.43	4205728.03	1344.60927	0.00008	0.01480	1.762538E-06	8.5814E-05
610987.43	4205728.03	1293.54606	0.00029	0.01460	1.738726E-06	2.8711E-04	610987.43	4205728.03	1293.54606	0.00008	0.01460	1.738726E-06	8.2599E-05
610994.43	4205728.03	1246.15735	0.00027	0.01440	1.714906E-06	2.7663E-04	610994.43	4205728.03	1246.15735	0.00008	0.01440	1.714906E-06	7.9612E-05
611001.43	4205728.03	1202.08169	0.00027	0.01422	1.693448E-06	2.6689E-04	611001.43	4205728.03	1202.08169	0.00008	0.01422	1.693448E-06	7.6836E-05
611008.43	4205728.03	1161.08771	0.00026	0.01403	1.670838E-06	2.5782E-04	611008.43	4205728.03	1161.08771	0.00007	0.01403	1.670838E-06	7.4251E-05
611015.43	4205728.03	1122.67449	0.00025	0.01386	1.650598E-06	2.4938E-04	611015.43	4205728.03	1122.67449	0.00007	0.01386	1.650598E-06	7.1826E-05
611022.43	4205728.03	1087.13126	0.00024	0.01368	1.629156E-06	2.4147E-04	611022.43	4205728.03	1087.13126	0.00007	0.01368	1.629156E-06	6.9586E-05
611029.43	4205728.03	1053.98286	0.00023	0.01352	1.61010E-06	2.3413E-04	611029.43	4205728.03	1053.98286	0.00007	0.01352	1.61010E-06	6.7495E-05
611050.43	4205728.03	966.83384	0.00021	0.01304	1.552944E-06	2.1485E-04	611050.43	4205728.03	966.83384	0.00006	0.01304	1.552944E-06	6.1990E-05
611057.43	4205728.03	941.35005	0.00021	0.01288	1.533888E-06	2.0921E-04	611057.43	4205728.03	941.35005	0.00006	0.01288	1.533888E-06	6.0378E-05
611064.43	4205728.03	917.39173	0.00020	0.01273	1.516025E-06	2.0393E-04	611064.43	4205728.03	917.39173	0.00006	0.01273	1.516025E-06	5.8862E-05
611071.43	4205728.03	894.84159	0.00020	0.01259	1.499344E-06	1.9891E-04	611071.43	4205728.03	894.84159	0.00006	0.01259	1.499344E-06	5.7436E-05
611078.43	4205728.03	873.42781	0.00019	0.01244	1.48148E-06	1.9417E-04	611078.43	4205728.03	873.42781	0.00005	0.01244	1.48148E-06	5.6080E-05
611085.43	4205728.03	853.35361	0.00019	0.01230	1.464816E-06	1.8973E-04	611085.43	4205728.03	853.35361	0.00005	0.01230	1.464816E-06	5.4788E-05
611092.43	4205728.03	834.3524	0.00018	0.01217	1.449318E-06	1.8552E-04	611092.43	4205728.03	834.3524	0.00005	0.01217	1.449318E-06	5.3605E-05
610294.43	4205735.03	7372.71018	0.00163	0.08147	9.70227E-06	1.63622E-03	610294.43	4205735.03	7373.71018	0.00046	0.08147	9.70227E-06	4.7057E-04
610301.43	4205735.03	7537.68272	0.00166	0.08071	9.611766E-06	1.6725E-03	610301.43	4205735.03	7537.68272	0.00047	0.08071	9.611766E-06	4.8079E-04
610308.43	4205735.03	7704.5844	0.00170	0.07991	9.514698E-06	1.70931E-03	610308.43	4205735.03	7704.5844	0.00048	0.07991	9.514698E-06	4.9113E-04
610315.43	4205735.03	7873.37892	0.00174	0.07912	9.422416E-06	1.74644E-03	610315.43	4205735.03	7873.37892	0.00049	0.07912	9.422416E-06	5.0159E-04
610322.43	4205735.03	8044.35967	0.00177	0.07833	9.328338E-06	1.78406E-03	610322.43	4205735.03	8044.35967	0.00050	0.07833	9.328338E-06	5.1218E-04
610329.43	4205735.03	8216.62541	0.00181	0.07753	9.233066E-06	1.82196E-03	610329.43	4205735.03	8216.62541	0.00051	0.07753	9.233066E-06	5.2286E-04
610336.43	4205735.03	8390.57578	0.00185	0.07671	9.13540E-06	1.86026E-03	610336.43	4205735.03	8390.57578	0.00052	0.07671	9.13540E-06	5.3363E-04
610343.43	4205735.03	8565.40035	0.00189	0.07589	9.037756E-06	1.89887E-03	610343.43	4205735.03	8565.40035	0.00054	0.07589	9.037756E-06	5.4446E-04
610350.43	4205735.03	8741.37687	0.00193	0.07506	8.938805E-06	1.93746E-03	610350.43	4205735.03	8741.37687	0.00055	0.07506	8.938805E-06	5.5538E-04
610357.43	4205735.03	8917.71509	0.00197	0.07424	8.841256E-06	1.97626E-03	610357.43	4205735.03	8917.71509	0.00056	0.07424	8.841256E-06	5.6629E-04
610364.43	4205735.03	9094.62043	0.00201	0.07337	8.737646E-06	2.01516E-03	610364.43	4205735.03	9094.62043	0.00057	0.07337	8.737646E-06	5.7724E-04
610371.43	4205735.03	9288.04431	0.00205	0.07273	8.661425E-06	2.0577E-03	610371.43	4205735.03	9288.04431	0.00058	0.07273	8.661425E-06	5.8926E-04
610378.43	4205735.03	9465.12018	0.00209	0.07188	8.560206E-06	2.0967E-03	610378.43	4205735.03	9465.12018	0.00059	0.07188	8.560206E-06	6.0023E-04
610385.43	4205735.03	9641.17537	0.00213	0.07103	8.458977E-06	2.1354E-03	610385.43	4205735.03	9641.17537	0.00060	0.07103	8.458977E-06	6.1113E-04
610392.43	4205735.03	9816.36804	0.00217	0.07017	8.356555E-06	2.1740E-03	610392.43	4205735.03	9816.36804	0.00061	0.07017	8.356555E-06	6.2198E-04
610399.43	4205735.03	9989.68628	0.00220	0.06930	8.252956E-06	2.2121E-03	610399.43	4205735.03	9989.68628	0.00062	0.06930	8.252956E-06	6.3271E-04
610406.43	4205735.03	10160.9615	0.00224	0.06844	8.150535E-06	2.2498E-03	610406.43	4205735.03	10160.9615	0.00064	0.06844	8.150535E-06	6.4331E-04
610413.43	4205735.03	10329.94099	0.00228	0.06755	8.044546E-06	2.2870E-03	610413.43	4205735.03	10329.94099	0.00065	0.06755	8.044546E-06	6.5377E-04
610420.43	4205735.03	10495.52426	0.00232	0.06663	7.934976E-06	2.3234E-03	610420.43	4205735.03	10495.52426	0.00066	0.06663	7.934976E-06	6.6401E-04
610427.43	4205735.03	10657.89348	0.00235	0.06571	7.825411E-06	2.3591E-03	610427.43	4205735.03	10657.89348	0.00067	0.06571	7.825411E-06	6.7405E-04
610434.43	4205735.03	10815.57183	0.00239	0.06478	7.714666E-06	2.3938E-03	610434.43	4205735.03	10815.57183	0.00068	0.06478	7.714666E-06	6.8380E-04
610441.43	4205735.03	10968.99535	0.00242	0.06385	7.603005E-06	2.4275E-03	610441.43	4205735.03	10968.99535	0.00068	0.06385	7.603005E-06	6.9328E-04
610448.43	4205735.03	11116.48288	0.00245	0.06292	7.493156E-06	2.4598E-03	610448.43	4205735.03	11116.48288	0.00069	0.06292	7.493156E-06	7.0239E-04
610455.43	4205735.03	11258.41257	0.00248	0.06199	7.38240E-06	2.4911E-03	610455.43	4205735.03	11258.41257	0.00070	0.06199	7.38240E-06	7.1115E-04
610462.43	4205735.03	11393.17572	0.00251	0.06106	7.271646E-06	2.5208E-03	610462.43	4205735.03	11393.17572	0.00071	0.06106	7.271646E-06	7.1947E-04
610469.43	4205735.03	11521.13665	0.00254	0.06013	7.160896E-06	2.5489E-03	610469.43	4205735.03	11521.13665	0.00072	0.06013	7.160896E-06	7.2736E-04
610476.43	4205735.03	11641.14598	0.00257	0.05920	7.050116E-06	2.5752E-03	610476.43	4205735.03	11641.14598	0.00073	0.05920	7.050116E-06	7.3474E-04
610483.43	4205735.03	11752.76544	0.00259	0.05828	6.94057E-06	2.5998E-03	610483.43	4205735.03	11752.76544	0.00073	0.05828	6.94057E-06	7.4161E-04
610490.43	4205735.03	11854.84634	0.00262	0.05735	6.829826E-06	2.6222E-03	610490.43	4205735.03	11854.84634	0.00074	0.05735	6.829826E-06	7.4788E-04
610504.43	4205735.03	12029.40121	0.00265	0.05551	6.616069E-06	2.6605E-03	610504.43	4205735.03	12029.40121	0.00075	0.05551	6.616069E-06	7.5853E-04
610511.43	4205735.03	12100.72279	0.00267	0.05459	6.501136E-06	2.6761E-03	610511.43	4205735.03	12100.72279	0.00076	0.05459	6.501136E-06	7.6292E-04
610518.43	4205735.03	12160.71442	0.00268	0.05367	6.391576E-06	2.6892E-03	610

611092.43	4205735.03	849.79476	0.00019	0.01230	1.464681E-06	1.8894E-04	611092.43	4205735.03	849.79476	0.00005	0.01230	1.464681E-06	5.4586E-05
610294.43	4205742.03	7466.04362	0.00165	0.08331	9.921402E-06	1.657OE-03	610294.43	4205742.03	7466.04362	0.00047	0.08331	9.921402E-06	4.7663E-04
610301.43	4205742.03	7637.14125	0.00168	0.08252	9.827326E-06	1.694T6-03	610301.43	4205742.03	7637.14125	0.00048	0.08252	9.827326E-06	4.8723E-04
610308.43	4205742.03	7810.98753	0.00172	0.08172	9.732046E-06	1.732f6-03	610308.43	4205742.03	7810.98753	0.00049	0.08172	9.732046E-06	4.9800E-04
610315.43	4205742.03	7986.8919	0.00176	0.08093	9.637966E-06	1.771T6-03	610315.43	4205742.03	7986.8919	0.00050	0.08093	9.637966E-06	5.0890E-04
610322.43	4205742.03	8165.16935	0.00180	0.08010	9.539126E-06	1.810f6-03	610322.43	4205742.03	8165.16935	0.00051	0.08010	9.539126E-06	5.1995E-04
610329.43	4205742.03	8345.151	0.00184	0.07927	9.440276E-06	1.850S6-03	610329.43	4205742.03	8345.151	0.00052	0.07927	9.440276E-06	5.3110E-04
610336.43	4205742.03	8527.16861	0.00188	0.07846	9.343815E-06	1.890G6-03	610336.43	4205742.03	8527.16861	0.00053	0.07846	9.343815E-06	5.4238E-04
610343.43	4205742.03	8710.41683	0.00192	0.07762	9.24377E-06	1.930f6-03	610343.43	4205742.03	8710.41683	0.00054	0.07762	9.243777E-06	5.5373E-04
610350.43	4205742.03	8894.87122	0.00196	0.07677	9.14255E-06	1.971S6-03	610350.43	4205742.03	8894.87122	0.00056	0.07677	9.14255E-06	5.6516E-04
610357.43	4205742.03	9080.60997	0.00200	0.07592	9.04132E-06	2.012E6-03	610357.43	4205742.03	9080.60997	0.00057	0.07592	9.04132E-06	5.7667E-04
610364.43	4205742.03	9266.66181	0.00204	0.07524	8.960344E-06	2.053I6-03	610364.43	4205742.03	9266.66181	0.00058	0.07524	8.960344E-06	5.8822E-04
610371.43	4205742.03	9470.35762	0.00209	0.07440	8.860308E-06	2.098Z6-03	610371.43	4205742.03	9470.35762	0.00059	0.07440	8.860308E-06	6.0085E-04
610378.43	4205742.03	9657.17244	0.00213	0.07353	8.756076E-06	2.139X6-03	610378.43	4205742.03	9657.17244	0.00060	0.07353	8.756076E-06	6.1243E-04
610385.43	4205742.03	9843.93158	0.00217	0.07267	8.654288E-06	2.180H6-03	610385.43	4205742.03	9843.93158	0.00062	0.07267	8.654288E-06	6.2400E-04
610392.43	4205742.03	10029.54496	0.00221	0.07178	8.548289E-06	2.221J6-03	610392.43	4205742.03	10029.54496	0.00063	0.07178	8.548289E-06	6.3550E-04
610399.43	4205742.03	10214.21048	0.00225	0.07089	8.44230E-06	2.261B6-03	610399.43	4205742.03	10214.21048	0.00064	0.07089	8.44230E-06	6.4693E-04
610406.43	4205742.03	10396.72977	0.00229	0.07000	8.336316E-06	2.302O6-03	610406.43	4205742.03	10396.72977	0.00065	0.07000	8.336316E-06	6.5824E-04
610413.43	4205742.03	10577.32959	0.00233	0.06906	8.224366E-06	2.343E6-03	610413.43	4205742.03	10577.32959	0.00066	0.06906	8.224366E-06	6.6942E-04
610420.43	4205742.03	10754.72165	0.00237	0.06812	8.11242E-06	2.3808E-03	610420.43	4205742.03	10754.72165	0.00067	0.06812	8.11242E-06	6.8039E-04
610427.43	4205742.03	10929.00208	0.00241	0.06717	7.999285E-06	2.419I6-03	610427.43	4205742.03	10929.00208	0.00068	0.06717	7.999285E-06	6.9117E-04
610434.43	4205742.03	11098.96947	0.00245	0.06622	7.886156E-06	2.456S6-03	610434.43	4205742.03	11098.96947	0.00069	0.06622	7.886156E-06	7.0168E-04
610441.43	4205742.03	11264.1399	0.00249	0.06527	7.773016E-06	2.492B6-03	610441.43	4205742.03	11264.1399	0.00070	0.06527	7.773016E-06	7.1190E-04
610448.43	4205742.03	11424.49271	0.00252	0.06432	7.659888E-06	2.528I6-03	610448.43	4205742.03	11424.49271	0.00071	0.06432	7.659888E-06	7.2181E-04
610455.43	4205742.03	11578.43636	0.00255	0.06336	7.545556E-06	2.561W6-03	610455.43	4205742.03	11578.43636	0.00072	0.06336	7.545556E-06	7.3132E-04
610462.43	4205742.03	11726.07615	0.00259	0.06241	7.433411E-06	2.594K6-03	610462.43	4205742.03	11726.07615	0.00073	0.06241	7.433411E-06	7.4043E-04
610469.43	4205742.03	11866.0763	0.00262	0.06145	7.318089E-06	2.625J6-03	610469.43	4205742.03	11866.0763	0.00074	0.06145	7.318089E-06	7.4907E-04
610476.43	4205742.03	11998.31255	0.00265	0.06050	7.204956E-06	2.654Z6-03	610476.43	4205742.03	11998.31255	0.00075	0.06050	7.204956E-06	7.5722E-04
610483.43	4205742.03	12121.47218	0.00267	0.05955	7.091828E-06	2.681J6-03	610483.43	4205742.03	12121.47218	0.00076	0.05955	7.091828E-06	7.6481E-04
610490.43	4205742.03	12235.73274	0.00270	0.05860	6.978688E-06	2.7063E-03	610490.43	4205742.03	12235.73274	0.00076	0.05860	6.978688E-06	7.7184E-04
610504.43	4205742.03	12431.63644	0.00274	0.05670	6.752416E-06	2.7493E-03	610504.43	4205742.03	12431.63644	0.00078	0.05670	6.752416E-06	7.8386E-04
610511.43	4205742.03	12511.38232	0.00276	0.05576	6.640466E-06	2.7678E-03	610511.43	4205742.03	12511.38232	0.00078	0.05576	6.640466E-06	7.8885E-04
610518.43	4205742.03	12582.74063	0.00278	0.05481	6.527335E-06	2.7825E-03	610518.43	4205742.03	12582.74063	0.00079	0.05481	6.527335E-06	7.9308E-04
610525.43	4205742.03	12639.81854	0.00279	0.05387	6.4153B6-06	2.7949E-03	610525.43	4205742.03	12639.81854	0.00079	0.05387	6.415388E-06	7.9653E-04
610532.43	4205742.03	12683.80764	0.00280	0.05293	6.303444E-06	2.8045E-03	610532.43	4205742.03	12683.80764	0.00079	0.05293	6.30344E-06	7.9917E-04
610539.43	4205742.03	12714.83751	0.00281	0.05199	6.19150E-06	2.8113E-03	610539.43	4205742.03	12714.83751	0.00079	0.05199	6.19150E-06	8.0100E-04
610546.43	4205742.03	12731.74261	0.00281	0.05105	6.079505E-06	2.8149E-03	610546.43	4205742.03	12731.74261	0.00080	0.05105	6.079505E-06	8.0194E-04
610553.43	4205742.03	12734.4157	0.00281	0.05012	5.968808E-06	2.8154E-03	610553.43	4205742.03	12734.4157	0.00080	0.05012	5.968808E-06	8.0200E-04
610560.43	4205742.03	12723.17056	0.00281	0.04919	5.858404E-06	2.8128E-03	610560.43	4205742.03	12723.17056	0.00080	0.04919	5.858404E-06	8.0119E-04
610567.43	4205742.03	12695.59887	0.00280	0.04826	5.747239E-06	2.8066E-03	610567.43	4205742.03	12695.59887	0.00079	0.04826	5.747239E-06	7.9935E-04
610574.43	4205742.03	12651.95042	0.00279	0.04733	5.636454E-06	2.7968E-03	610574.43	4205742.03	12651.95042	0.00079	0.04733	5.636454E-06	7.9651E-04
610581.43	4205742.03	12592.90499	0.00278	0.04641	5.526097E-06	2.7837E-03	610581.43	4205742.03	12592.90499	0.00079	0.04641	5.526097E-06	7.9277E-04
610588.43	4205742.03	12518.68599	0.00276	0.04549	5.417416E-06	2.7672E-03	610588.43	4205742.03	12518.68599	0.00078	0.04549	5.417416E-06	7.8796E-04
610595.43	4205742.03	12429.20303	0.00274	0.04458	5.309046E-06	2.7474E-03	610595.43	4205742.03	12429.20303	0.00078	0.04458	5.309046E-06	7.8226E-04
610602.43	4205742.03	12324.70411	0.00272	0.04368	5.201866E-06	2.7242E-03	610602.43	4205742.03	12324.70411	0.00077	0.04368	5.201866E-06	7.7562E-04
610609.43	4205742.03	12205.17388	0.00269	0.04279	5.095876E-06	2.6977E-03	610609.43	4205742.03	12205.17388	0.00076	0.04279	5.095876E-06	7.6804E-04
610616.43	4205742.03	12070.65051	0.00266	0.04191	4.991076E-06	2.6679E-03	610616.43	4205742.03	12070.65051	0.00075	0.04191	4.991076E-06	7.5953E-04
610623.43	4205742.03	11921.32169	0.00263	0.04104	4.887466E-06	2.6349E-03	610623.43	4205742.03	11921.32169	0.00075	0.04104	4.887466E-06	7.5009E-04
610630.43	4205742.03	11757.44435	0.00259	0.04018	4.785048E-06	2.5986E-03	610630.43	4205742.03	11757.44435	0.00073	0.04018	4.785048E-06	7.3975E-04
610651.43	4205742.03	11187.73402	0.00247	0.03768	4.487326E-06	2.4727E-03	610651.43	4205742.03	11187.73402	0.00070	0.03768	4.487326E-06	7.0383E-04
610658.43	4205742.03	10972.40251	0.00242	0.03688	4.39204E-06	2.4251E-03	610658.43	4205742.03	10972.40251	0.00069	0.03688	4.39204E-06	6.9028E-04
610665.43	4205742.03	10744.1686	0.00237	0.03608	4.296776E-06	2.3746E-03	610665.43	4205742.03	10744.1686	0.00067	0.03608	4.296776E-06	6.7592E-04
610672.43	4205742.03	10504.38129	0.00232	0.03530	4.203888E-06	2.3216E-03	610672.43	4205742.03	10504.38129	0.00066	0.03530	4.203888E-06	6.6083E-04
610679.43	4205742.03	10253.14338	0.00226	0.03453	4.112188E-06	2.2661E-03	610679.43	4205742.03	10253.14338	0.00064	0.03453	4.11218E-06	6.4504E-04
610686.43	4205742.03	9991.93781	0.00220	0.03377	4.021676E-06	2.2084E-03	610686.43	4205742.03	9991.93781	0.00062	0.03377	4.021676E-06	6.2862E-04
610693.43	4205742.03	9720.90031	0.00214	0.03303	3.933556E-06	2.1485E-03	610693.43	4205742.03	9720.90031	0.00061	0.03303	3.933556E-06	6.1159E-04
610700.43	4205742.03	9441.84853	0.00208	0.03229	3.845426E-06	2.0868E-03	610700.43	4205742.03	9441.84853	0.00059	0.03229	3.845426E-06	5.9406E-04
610707.43	4205742.03	9155.06943	0.00202	0.03158	3.760876E-06	2.0295E-03	610707.43	4205742.03	9155.06943	0.00057	0.03158	3.760876E-06	5.7605E-04
610728.43	4205742.03	8252.90532	0.00182	0.02951	3.514356E-06	1.8242E-03	610728.43	4205742.03	8252.90532	0.00052	0.02951	3.514356E-06	5.1941E-04
610735.43	4205742.03	7944.3359	0.00175	0.02885	3.435756E-06	1.7561E-03	610735.43	4205742.03	7944.3359	0.00050	0.02885	3.435756E-06	5.0004E-04
610742.43	4205742.03	7634.29275	0.00168	0.02820	3.358354E-06	1.6876E-03	610742.43	4205742.03	7634.29275	0.00048	0.02820	3.358354E-06	4.8058E-04
610749.43	4205742.03	7323.48965	0.00162	0.02758	3.284511E-06	1.618R6-03	610749.43	4205742.03	7323.48965	0.00046	0.02758	3.284511E-06	4.6108E-04
610756.43	4205742.03	7014.13432	0.00155	0.02697	3.211866E-06	1.550E6-03	610756.43	4205742.03	7014.13432	0.00044	0.02697	3.211866E-06	4.4167E-04
610763.43	4205742.03	6707.02444	0.00148	0.02638	3.14160E-06	1.482B6-03	610763.43	4205742.03	6707.02444	0.00042	0.02638	3.14160E-06	4.2240E-04
610770.43	4205742.03	6403.36974	0.00141	0.02580	3.072535E-06	1.415T6-03	610770.43	4205742.03	6403.36974	0.00040	0.02580	3.072535E-06	4.0335E-04
610777.43	4205742.03	6103.75402	0.00135	0.02525	3.007036E-06	1.3496E-03	610777.43	4205742.03	6103.75402	0.00038	0.02525	3.007036E-06	3.8455E-04
610784.43	4205742.03	5810.42832	0.00128	0.02471	2.942726E-06	1.284B8-03	610784.43	4205742.03	5810.42832	0.00036	0.02471	2.942726E-06	3.6615E-04
610791.43	4205742.03	5523.24807	0.00122	0.02418	2.879605E-06	1.221K6-03	610791.43	4205742.03	5523.24807	0.00035	0.02418	2.879605E-06	3.4814E-04
610798.43	4205742.03	5242.9819	0.00116	0.02367	2.818866E-06	1.159S6-03	610798.43	4205742.03	5242.9819	0.00033	0.02367	2.818866E-06	3.3056E-04
610805.43	4205742.03	4971.82913	0.00110	0.02318	2.760515E-06	1.0996E-03	610805.43	4205742.03	4971.82913	0.00031	0.02318	2.760515E-06	3.1355E-04
610812.43	4205742.03	4709.76562	0.00104	0.02271	2.704546E-06	1.0417E-03	610812.43	4205742.03	4709.76562	0.00029	0.02271	2.704546E-06	2.9731E-04
610819.43	4205742.03	4457.57601	0.00098	0.02225	2.649766E-06	9.8605E-04	610819.43	4205742.03	4457.57601	0.00028	0.02225	2.649766E-06	2.8129E-04
610826.43	4205742.03	4215.67039	0.00093	0.02181	2.597386E-06	9.3263E-04	610826.43	4205742.03	4215.67039	0.00026	0.02181	2.597386E-06	2.6612E-04
610833.43	4205742.03	3983.83231	0.00088	0.02138	2.546156E-06	8.8143E-04	610833.43	4205742.03	3983.83231	0.00025	0.02138	2.546156E-06	2.5158E-04
610840.43	4205742.03	3763.5751	0.00083	0.02097	2.497326E-06	8.3279E-04	610840.43	4205742.03	3763.5751	0.00024	0.02097	2.497326E-06	2.3776E-04
610847.43	4205742.03	3554.3776	0.00078	0.02057	2.449686E-06	7.8059E-04	610847.43	4205742.03	3554.3776	0.00022	0.02057	2.449686E-06	2.2463E-04
610854.43	4205742.03	3356.28266	0.00074	0.02018	2.403424E-06	7.4285E-04	610854.43	4205742.03	3356.28266	0.00021	0.02018	2.403424E-06	2.1221E-04
610861.43	4205742.03	3172.13885	0.00070	0.01982	2.360397E-06	7.0218E-04	610861.43	4205742.03	3172.13885	0.00020	0.01982	2.360397E-06	2.0065E-04
610868.43	4205742.03	3000.54559	0.00066	0.01946	2.317498E-06	6.6428E-04	610868.43	4205742.03	3000.54559	0.00019	0.01946	2.317498E-06	1.8988E-04
610875.43	4205742.03	2840.05096	0.00063	0.01912	2.27700E-06	6.2883E-04	610875.43	4205742.03	2840.05096	0.00018	0.01912	2.27700E-06	1.7981E-04
610882.43	4205742.03	2689.24159	0.00059	0.01879	2.237706E-06	5.9552E-04	610882.43	4205742.03	2689.24159	0.00017	0.01879	2.237706E-06	1.7034E-04
610889.43	4205742.03	2548.83899	0.00056	0.01847	2.199596E-06	5.6451E-04	610889.43	4205742.03	2548.83899	0.00016	0.01847	2.199596E-06	1.6153E-04
610910.43	4205742.03	2181.94916	0.00048	0.01758	2.093606E-06	4.8346E-04	610910.43	4205742.03	2181.94916	0.00014	0.01758	2.093606E-06	1.3849E-04
610917.43	4205742.03	2076.59969	0.00046	0.01730	2.060266E-06	4.6019E-04	610917.43	4205742.03	2076.59969	0.00013	0.01730	2.060266E-06	1.3187E-04
610924.43	4205742.03	1975.11899	0.00044	0.01703	2.028106E-06	4.3777E-04	610924.43	4205742.03	1975.11899	0.00012	0.01703	2.028106E-06	1.2549E-04
610931.43	4205742.03	1879.93899	0.00041	0.01677	1.997146E-06	4.1674E-04	610931.43	4205742.03	1879.93899	0.00012	0.01677	1.997146E-06	1.1951E-04
610938.43	4205742.03	1791.67653	0.00040	0.01652	1.967376E-06	3.9724E-04	610938.43	4205742.03	1791.67653	0.00011	0.01652	1.967376E-06	1.1397E-04
610945.43	4205742.03	1709.86332	0.00038	0.01627	1.937606E-06	3.7916E-04	610945.43	4205742.03	1709.86332	0.00011	0.01627	1.937606E-06	1.0882E-04
610952.43	4205742.03	1634.09028	0.00036	0.01603	1.908015E-06	3.6241E-04	610952.43	4205742.03	1634.09028	0.00010	0.01603	1.908015E-06	1.0404E-04
610959.43	4205742.03	1563.84886	0.00035	0.01580	1.881626E-06	3.4689E-04	610959.43	4205742.03	1563.84886	0.00010	0.01580	1.881626E-06	9.9638E-05
610966.43	4205742.03	1498.82654	0.00033	0.01558	1.855426E-06	3.3252E-04	610966.43	4205742.03	1498.82654	0.00009	0.01558	1.855426E-06	9.5547E-05
610973.43	4205742.03	1438.5849	0.00032	0.01536	1.829226E-06	3.1920E-04	610973.43	4205742.03	1438.5849	0.00009	0.01536	1.829226E-06	9.1755E-05
610980.43	4205742.03	1382.73577	0.00031	0.01515	1.804226E-06	3.0685E-04	610980.43	4205742.03	1382.73577	0.00009	0.01515	1.804226E-06	8.8239E-05
610987.43	4205742.03	1330.95835	0.00029	0.01495	1.780406E-06	2.9541E-04	610987.43	4205742.03	1330.95835	0.00008	0.01495	1.780406E-06	8.4979E-05
610994.43	4205742.03	1282.88376	0.00028	0.01475	1.756585E-06	2.8478E-04	610994.43	4205742.03	1282.88376	0.00008	0.01475	1.756585E-06	8.1950E-05
611001.43	4205742.03	1238.24317	0.00027	0.01455	1.732766E-06	2.7491E-04	611001.43	4205742.03	1238.24317	0.00008	0.01455	1.732766E-06	7.9136E-05
611008.43	4205742.03	1196.76233	0.00026	0.01437	1.711326E-06	2.6573E-04	611008.43	4205742.03	1196.76233	0.00007	0.01437	1.711326E-06	7.6521E-05
611015.43	4205742.03	1158.12317	0.00026	0.01418	1.688706E-06	2.5719E-04	611015.43	4205742.03	1158.12317	0.00007	0.01418	1.688706E-06	7.4083E-05
611022.43	4205742.03	1122.15579	0.00025	0.01401	1.668456E-06	2.4923E-04	611022.43	4205742.03	1122.15579	0.00007	0.01401	1.668456E-06	7.1815E-05
611029.43	4205742.03	1088.53099	0.00024	0.01383	1.647026E-06	2.4179E-04	611029.43	4205742.03	1088.53099	0.00007	0.01383	1.647026E-06	6.9691E-05
611050.43	4205742.03	1000.21986	0.00022	0.01334	1.588666E-06	2.2225E-04	611050.43	4205742.03	1000.21986	0.00006	0.01334	1.588666E-06	6.4113E-05
611057.43	4205742.03	974.35892	0.00021	0.01318	1.569616E-06	2.1653E-04	611057.43	4205742.03	974.35892	0.00006	0.01318	1.569616E-06	6.2477E-05
611064.43	4205742.03	950.02339	0.00021	0.01302	1.550556E-06	2.1114E-04	611064.43	4205742.03	950.02339	0.00006	0.01302	1.550556E-06	6.0937E-05
611071.43	4205742.03	927.07739	0.00020	0.01287	1.532696E-06	2.0606E-04	611071.43	4205742.03	927.07739	0.00006	0.01287	1.532696E-06	5.9484E-05
611078.43	4205742.03	905.44315	0.00020	0.01273	1.516026E-06	2.0127E-04	611078.43	4205742.03	905.44315	0.00006	0.01273	1.516026E-06	5.8115E-05
611085.43	4205742.03	884.95891	0.00020	0.01258	1.498156E-06	1.9673E-04	611085.43	4205742.03	884.95891	0.00006	0.01258	1.498156E-06	5.6817E-05
611092.43	4205742.03	865.53515	0.00019	0.01244	1.481486E-06	1.9241E-04	611092.43	4205742.03	865.53515	0.00006	0.01244	1.481486E-06	5.5586E-05
610294.43	4205749.03	7557.70272	0.00167	0.08520	1.014656E-05	1.6759E-03	610294.43	4205749.03	7557.70272	0.00047	0.08520	1.014656E-05	4.8258E-04
610301.43	4205749.03	7735.59301	0.00171	0.08440	1.005122E-05	1.7166E-03	610301.43	4205749.03	7735.59301	0.00048	0.08440	1.005122E-05	4.9360E-04
610308.43	4205749.03	7915.9586	0.00175	0.08359	9.95474E-06	1.7563E-03	610308.43	4205749.03	7915.9586	0.00049	0.08359	9.95474E-06	5.0478E-04
610315.43	4205749.03	8099.31254	0.00179	0.08277	9.857096E-06	1.796T6-03	610315.43	4205749.03	8099.31254	0.00051	0.08277	9.857096E-06	5.1615E-04
610322.43	4205749.03	8284.90224	0.00183	0.08194	9.758246E-06	1.837S6-03	610322.43	4205749.03	8284.90224	0.00052	0.08194	9.758246E-06	5.2765E-04
610329.43	4205749.03	8473.08722	0.00187	0.08112	9.660595E-06	1.878B6-03	610329.43	4205749.03	8473.08722	0.00053	0.08112	9.660595E-06	5.3931E-04
610336.43	4205749.03	8663.06938	0.00191	0.08027	9.559366E-06	1.920E6-03	610336.43	4205749.03	8663.06938	0.00054	0.08027	9.559366E-06	5.5109E-04
610343.43	4205749.03	8855.24552	0.00195	0.07941	9.456695E-06	1.963E6-03	610343.43	4205749.03	8855.24552	0.00055	0.07941	9.456695E-06	5.6300E-04
610350.43	4205749.03	9048.77684	0.00200	0.07854	9.353346E-06	2.005E6-03	610350.43	4205749.03	9048.77684	0.00057	0.07854	9.353346E-06	5.7499E-04
610357.43	4205749.03	9243.96176	0.00204	0.07787	9.273556E-06	2.048E6-03	610357.43	4205749.03	9243.96176	0.00058	0.07787	9.273556E-06	5.8712E-04
610364.43	4205749.03	9456.64351	0.00209	0.07699	9.168756E-06	2.095A6-03	610364.43	4205749.03	9456.64351	0.00059	0.07699	9.168756E-06	6.0031E-04
610371.43	4205749.03	9653.91518	0.00213	0.07613	9.066336E-06	2.138I6-03	610371.43	4205749.03	9653.91518	0.00060	0.07613	9.066336E-06	6.1253E-04
610378.43	4205749.03	9851.24054	0.00217	0.07524	8.960345E-06	2.182E6-03	610378.43	4205749.03	9851.24054	0.00062	0.07524	8.960344E-06	6.2476E-04
610385.43	4205749.03	10048.57796	0.00222	0.07434	8.853166E-06	2.225T6-03	610385.43	4205749.03	10048.57796	0.00063	0.07434	8.853166E-06	6.3699E-04
610392.43	4205749.03	10245.77807	0.00226	0.07345	8.747176E-06	2.269I6-03	610392.43	4205749.03	10245.77807	0.00064	0.07345	8.747176E-06	6.4921E-04
610399.43	4205749.03	10441.62864	0.00230	0.07253	8.637615E-06	2.312J6-03	610399.43	4205749.03	10441.62864	0.00065	0.07253	8.637615E-06	6.6135E-04
610406.43	4205749.03	10636.47938	0.00235	0.07159	8.525666E-06	2.355I6-03	610406.43	4205749.03	10636.47938	0.00066	0.07159	8.525666E-06	6.7341E-04
610413.43	4205749.03	10828.90718	0.00239	0.07062	8.410146E-06	2.397J6-03	610413.43	4205749.03	10828.90718	0.00068	0.07062	8.410146E-06	6.8533E-04
610420.43	4205749.03	11019.16375	0.00243	0.06966	8.295826E-06	2.439I6-03	610420.43	4205749.03	11019.16375	0.00069	0.06966	8.295826E-06	6.9731E-04
610427.43	4205749.03	11205.83665	0.00247	0.06869	8.180306E-06	2.480J6-03	610427.43	4205749.03	11205.83665	0.00070	0.06869	8.180306E-06	7.0866E-04
610434.43	4205749.03	11389.04724	0.00251	0.06772	8.064786E-06	2.520G6-03	610434.43	4205749.03	11389.04724	0.00071	0.06772	8.064786E-06	7.2000E-04
610441.43	4205749.03	11567.48175	0.00255	0.06674	7.948076E-06	2.559R6-03	610441.43	4205749.03	11567.48175	0.00072	0.06674	7.948076E-06	7.3103E-04
610448.43	4205749.03	11741.00295	0.00259	0.06576	7.831376E-06	2.598I6-03	610448.43	4205749.03	11741.00295	0.00073	0.06576	7.831376E-06	7.4176E-04
610455.43	4205749.03	11908.26278	0.00263	0.06478	7.714666E-06	2.634B6-03	610455.43	4205749.03	11908.26278	0.00074	0.06478	7.714666E-06	7.5210E-04
610462.43	4205749.03	12069.30364	0.00266	0.06380	7.597956E-06	2.670E6-03	610462.43	4205749.03	12069.30364	0.00075	0.06380	7.597956E-06	7.6205E-04
610469.43	4205749.03	12222.54871	0.00270	0.06282	7.481246E-06	2.703I6-03	610469.43	4205749.03	12222.54871	0.00076	0.06282	7.481246E-06	7.7152E-04
610476.43	4205749.03	12367.64499	0.00273	0.06184	7.364536E-06	2.735B6-03	610476.43	4205749.03	12367.64499	0.00077	0.06184	7.364536E-06	7.8047E-04
610483.43	4205749.03	12504.2646	0.00276	0.06087	7.249026E-06	2.765W6-03	610483.43	4205749.03	12504.2646	0.00078	0.06087	7.249026E-06	7.8889E-04
610490.43	4205749.03	12630.69745	0.00279	0.05989	7.13231E-06	2.793E6-03	610490.43	4205749.03	12630.69745	0.00079	0.05989	7.13231E-06	7.9668E-04
610504.43	4205749.03	12851.12402	0.00284	0.05794	6.900086E-06	2.842O6-03	610504.43	4205749.03	12851.12402	0.00080	0.05794	6.900088E-06	8.1023E-04
610511.43	4205749.03	12943.52961	0.00286	0.05696	6.783376E-06	2.862I6-03

611085.43	4205749.03	901.6589	0.00020	0.01273	1.51602E-06	2.0043E-04	611085.43	4205749.03	901.6589	0.00006	0.01273	1.51602E-06	5.7879E-05
611092.43	4205749.03	882.04418	0.00019	0.01258	1.498155E-06	1.9609E-04	611092.43	4205749.03	882.04418	0.00006	0.01258	1.498155E-06	5.6635E-05
610294.43	4205756.03	7648.10124	0.00169	0.08716	1.037998E-05	1.6977E-03	610294.43	4205756.03	7648.10124	0.00048	0.08716	1.037998E-05	4.8846E-04
610301.43	4205756.03	7832.5305	0.00173	0.08635	1.028344E-05	1.7382E-03	610301.43	4205756.03	7832.5305	0.00049	0.08635	1.028344E-05	4.9990E-04
610308.43	4205756.03	8019.86466	0.00177	0.08552	1.018466E-05	1.7795E-03	610308.43	4205756.03	8019.86466	0.00050	0.08552	1.018466E-05	5.1151E-04
610315.43	4205756.03	8210.55046	0.00181	0.08469	1.008357E-05	1.8214E-03	610315.43	4205756.03	8210.55046	0.00051	0.08469	1.008357E-05	5.2331E-04
610322.43	4205756.03	8403.8004	0.00185	0.08386	9.986905E-06	1.8640E-03	610322.43	4205756.03	8403.8004	0.00053	0.08386	9.986905E-06	5.3531E-04
610329.43	4205756.03	8599.78479	0.00190	0.08298	9.882120E-06	1.9071E-03	610329.43	4205756.03	8599.78479	0.00054	0.08298	9.882120E-06	5.4766E-04
610336.43	4205756.03	8798.5853	0.00194	0.08212	9.779688E-06	1.9509E-03	610336.43	4205756.03	8798.5853	0.00055	0.08212	9.779688E-06	5.5978E-04
610343.43	4205756.03	8999.39456	0.00199	0.08126	9.677266E-06	1.9951E-03	610343.43	4205756.03	8999.39456	0.00056	0.08126	9.677266E-06	5.7223E-04
610350.43	4205756.03	9202.53998	0.00203	0.08058	9.59628E-06	2.0398E-03	610350.43	4205756.03	9202.53998	0.00058	0.08058	9.59628E-06	5.8485E-04
610357.43	4205756.03	9424.04143	0.00208	0.07970	9.491488E-06	2.0886E-03	610357.43	4205756.03	9424.04143	0.00059	0.07970	9.491488E-06	5.9859E-04
610364.43	4205756.03	9630.693	0.00212	0.07881	9.385495E-06	2.1340E-03	610364.43	4205756.03	9630.693	0.00060	0.07881	9.385495E-06	6.1140E-04
610371.43	4205756.03	9838.16377	0.00217	0.07792	9.279505E-06	2.1797E-03	610371.43	4205756.03	9838.16377	0.00061	0.07792	9.279505E-06	6.2426E-04
610378.43	4205756.03	10046.77925	0.00222	0.07701	9.171133E-06	2.225E-03	610378.43	4205756.03	10046.77925	0.00063	0.07701	9.171133E-06	6.3720E-04
610385.43	4205756.03	10255.47322	0.00226	0.07608	9.060368E-06	2.2716E-03	610385.43	4205756.03	10255.47322	0.00064	0.07608	9.060368E-06	6.5013E-04
610392.43	4205756.03	10464.41156	0.00231	0.07517	8.952006E-06	2.3175E-03	610392.43	4205756.03	10464.41156	0.00065	0.07517	8.952006E-06	6.6308E-04
610399.43	4205756.03	10672.51123	0.00235	0.07421	8.83768E-06	2.3633E-03	610399.43	4205756.03	10672.51123	0.00067	0.07421	8.83768E-06	6.7598E-04
610406.43	4205756.03	10879.82518	0.00240	0.07323	8.72097E-06	2.4090E-03	610406.43	4205756.03	10879.82518	0.00068	0.07323	8.72097E-06	6.8882E-04
610413.43	4205756.03	11085.21026	0.00245	0.07224	8.603076E-06	2.4542E-03	610413.43	4205756.03	11085.21026	0.00069	0.07224	8.603076E-06	7.0154E-04
610420.43	4205756.03	11288.30099	0.00249	0.07125	8.485176E-06	2.4998E-03	610420.43	4205756.03	11288.30099	0.00071	0.07125	8.485176E-06	7.1412E-04
610427.43	4205756.03	11488.90093	0.00253	0.07026	8.367276E-06	2.5430E-03	610427.43	4205756.03	11488.90093	0.00072	0.07026	8.367276E-06	7.2654E-04
610434.43	4205756.03	11685.54869	0.00258	0.06926	8.248188E-06	2.5862E-03	610434.43	4205756.03	11685.54869	0.00073	0.06926	8.248188E-06	7.3871E-04
610441.43	4205756.03	11878.32373	0.00262	0.06826	8.129095E-06	2.6286E-03	610441.43	4205756.03	11878.32373	0.00074	0.06826	8.129095E-06	7.5065E-04
610448.43	4205756.03	12065.68469	0.00266	0.06725	8.008810E-06	2.6699E-03	610448.43	4205756.03	12065.68469	0.00075	0.06725	8.008811E-06	7.6224E-04
610455.43	4205756.03	12247.70434	0.00270	0.06625	7.889726E-06	2.7098E-03	610455.43	4205756.03	12247.70434	0.00077	0.06625	7.889726E-06	7.7350E-04
610462.43	4205756.03	12422.70297	0.00274	0.06525	7.770636E-06	2.7484E-03	610462.43	4205756.03	12422.70297	0.00078	0.06525	7.770636E-06	7.8432E-04
610469.43	4205756.03	12590.73162	0.00278	0.06424	7.650355E-06	2.7853E-03	610469.43	4205756.03	12590.73162	0.00079	0.06424	7.650355E-06	7.9470E-04
610476.43	4205756.03	12750.14373	0.00281	0.06324	7.531266E-06	2.8204E-03	610476.43	4205756.03	12750.14373	0.00080	0.06324	7.531266E-06	8.0455E-04
610483.43	4205756.03	12900.8424	0.00285	0.06224	7.412176E-06	2.8535E-03	610483.43	4205756.03	12900.8424	0.00081	0.06224	7.412176E-06	8.1385E-04
610490.43	4205756.03	13041.3338	0.00288	0.06123	7.291899E-06	2.8844E-03	610490.43	4205756.03	13041.3338	0.00082	0.06123	7.291899E-06	8.2251E-04
610504.43	4205756.03	13287.72758	0.00293	0.05922	7.052525E-06	2.9385E-03	610504.43	4205756.03	13287.72758	0.00083	0.05922	7.052525E-06	8.3767E-04
610511.43	4205756.03	13392.8746	0.00295	0.05822	6.933438E-06	2.9616E-03	610511.43	4205756.03	13392.8746	0.00084	0.05822	6.933438E-06	8.4412E-04
610518.43	4205756.03	13484.89885	0.00297	0.05721	6.8133156-06	2.9818E-03	610518.43	4205756.03	13484.89885	0.00084	0.05721	6.8133156-06	8.4970E-04
610525.43	4205756.03	13562.79401	0.00299	0.05620	6.692866E-06	2.9988E-03	610525.43	4205756.03	13562.79401	0.00085	0.05620	6.692866E-06	8.5451E-04
610532.43	4205756.03	13626.6958	0.00301	0.05520	6.573776-06	3.012E-03	610532.43	4205756.03	13626.6958	0.00085	0.05520	6.573776-06	8.5838E-04
610539.43	4205756.03	13675.41451	0.00302	0.05420	6.454686-06	3.0234E-03	610539.43	4205756.03	13675.41451	0.00085	0.05420	6.454686-06	8.6131E-04
610546.43	4205756.03	13708.6982	0.00302	0.05320	6.33559E-06	3.0307E-03	610546.43	4205756.03	13708.6982	0.00086	0.05320	6.33559E-06	8.6327E-04
610553.43	4205756.03	13725.69564	0.00303	0.05221	6.21769E-06	3.0341E-03	610553.43	4205756.03	13725.69564	0.00086	0.05221	6.21769E-06	8.6421E-04
610560.43	4205756.03	13726.23692	0.00303	0.05123	6.100999E-06	3.0343E-03	610560.43	4205756.03	13726.23692	0.00086	0.05123	6.10099E-06	8.6413E-04
610567.43	4205756.03	13709.11307	0.00302	0.05025	5.98428E-06	3.0304E-03	610567.43	4205756.03	13709.11307	0.00086	0.05025	5.98428E-06	8.6294E-04
610574.43	4205756.03	13673.73905	0.00302	0.04926	5.866388-06	3.0225E-03	610574.43	4205756.03	13673.73905	0.00085	0.04926	5.866388-06	8.6061E-04
610581.43	4205756.03	13620.54828	0.00300	0.04829	5.750866-06	3.0106E-03	610581.43	4205756.03	13620.54828	0.00085	0.04829	5.750866-06	8.5717E-04
610588.43	4205756.03	13550.11967	0.00299	0.04732	5.63534E-06	2.9950E-03	610588.43	4205756.03	13550.11967	0.00085	0.04732	5.63534E-06	8.5266E-04
610595.43	4205756.03	13461.45631	0.00297	0.04637	5.52221E-06	2.9753E-03	610595.43	4205756.03	13461.45631	0.00084	0.04637	5.52221E-06	8.4700E-04
610602.43	4205756.03	13355.49063	0.00295	0.04542	5.409076-06	2.9518E-03	610602.43	4205756.03	13355.49063	0.00083	0.04542	5.409076-06	8.4026E-04
610609.43	4205756.03	13231.34908	0.00292	0.04448	5.297136-06	2.9241E-03	610609.43	4205756.03	13231.34908	0.00083	0.04448	5.297136-06	8.3238E-04
610616.43	4205756.03	13090.04446	0.00289	0.04355	5.186376-06	2.8930E-03	610616.43	4205756.03	13090.04446	0.00082	0.04355	5.186376-06	8.2345E-04
610623.43	4205756.03	12930.81465	0.00285	0.04263	5.076816-06	2.857E-03	610623.43	4205756.03	12930.81465	0.00081	0.04263	5.076816-06	8.1338E-04
610630.43	4205756.03	12754.73864	0.00281	0.04172	4.968446-06	2.8188E-03	610630.43	4205756.03	12754.73864	0.00080	0.04172	4.968446-06	8.0227E-04
610651.43	4205756.03	12132.06786	0.00268	0.03908	4.654046-06	2.6812E-03	610651.43	4205756.03	12132.06786	0.00076	0.03908	4.654046-06	7.6303E-04
610658.43	4205756.03	11893.68799	0.00262	0.03823	4.552826-06	2.6285E-03	610658.43	4205756.03	11893.68799	0.00074	0.03823	4.552826-06	7.4803E-04
610665.43	4205756.03	11640.97521	0.00257	0.03739	4.452786-06	2.5726E-03	610665.43	4205756.03	11640.97521	0.00073	0.03739	4.452786-06	7.3213E-04
610672.43	4205756.03	11373.90273	0.00251	0.03656	4.353936-06	2.5136E-03	610672.43	4205756.03	11373.90273	0.00071	0.03656	4.353936-06	7.1534E-04
610679.43	4205756.03	11094.37382	0.00245	0.03575	4.25547E-06	2.4518E-03	610679.43	4205756.03	11094.37382	0.00069	0.03575	4.25547E-06	6.9777E-04
610686.43	4205756.03	10802.42391	0.00238	0.03495	4.162206-06	2.3878E-03	610686.43	4205756.03	10802.42391	0.00068	0.03495	4.162206-06	6.7942E-04
610693.43	4205756.03	10499.63434	0.00232	0.03416	4.068126-06	2.3204E-03	610693.43	4205756.03	10499.63434	0.00066	0.03416	4.068126-06	6.6040E-04
610700.43	4205756.03	10187.75365	0.00225	0.03339	3.976426-06	2.2515E-03	610700.43	4205756.03	10187.75365	0.00064	0.03339	3.976426-06	6.4081E-04
610707.43	4205756.03	9867.07366	0.00218	0.03264	3.887106-06	2.1807E-03	610707.43	4205756.03	9867.07366	0.00062	0.03264	3.887106-06	6.2068E-04
610728.43	4205756.03	8860.8323	0.00195	0.03046	3.627486-06	1.9584E-03	610728.43	4205756.03	8860.8323	0.00055	0.03046	3.627486-06	5.5752E-04
610735.43	4205756.03	8517.09002	0.00188	0.02977	3.545316-06	1.8825E-03	610735.43	4205756.03	8517.09002	0.00053	0.02977	3.545316-06	5.3595E-04
610742.43	4205756.03	8172.1183	0.00180	0.02909	3.464336-06	1.80631E-03	610742.43	4205756.03	8172.1183	0.00051	0.02909	3.464336-06	5.1431E-04
610749.43	4205756.03	7828.04425	0.00173	0.02844	3.386026-06	1.7304E-03	610749.43	4205756.03	7828.04425	0.00049	0.02844	3.386026-06	4.9272E-04
610756.43	4205756.03	7485.03676	0.00165	0.02780	3.310716-06	1.6546E-03	610756.43	4205756.03	7485.03676	0.00047	0.02780	3.310716-06	4.7120E-04
610763.43	4205756.03	7145.23224	0.00158	0.02718	3.236876-06	1.5796E-03	610763.43	4205756.03	7145.23224	0.00045	0.02718	3.236876-06	4.4989E-04
610770.43	4205756.03	6809.97535	0.00150	0.02658	3.165426-06	1.5059E-03	610770.43	4205756.03	6809.97535	0.00043	0.02658	3.165426-06	4.2886E-04
610777.43	4205756.03	6480.61402	0.00143	0.02600	3.096346-06	1.4328E-03	610777.43	4205756.03	6480.61402	0.00041	0.02600	3.096346-06	4.0820E-04
610784.43	4205756.03	6158.37953	0.00136	0.02544	3.029656-06	1.3617E-03	610784.43	4205756.03	6158.37953	0.00039	0.02544	3.029656-06	3.8799E-04
610791.43	4205756.03	5842.92142	0.00129	0.02489	2.964156-06	1.2928E-03	610791.43	4205756.03	5842.92142	0.00037	0.02489	2.964156-06	3.6821E-04
610798.43	4205756.03	5536.60515	0.00122	0.02436	2.901046-06	1.2244E-03	610798.43	4205756.03	5536.60515	0.00035	0.02436	2.901046-06	3.4900E-04
610805.43	4205756.03	5240.38407	0.00116	0.02385	2.840056-06	1.1589E-03	610805.43	4205756.03	5240.38407	0.00033	0.02385	2.840056-06	3.3042E-04
610812.43	4205756.03	4954.26016	0.00109	0.02336	2.781956-06	1.0958E-03	610812.43	4205756.03	4954.26016	0.00031	0.02336	2.781956-06	3.1247E-04
610819.43	4205756.03	4680.4369	0.00103	0.02288	2.724786-06	1.0353E-03	610819.43	4205756.03	4680.4369	0.00029	0.02288	2.724786-06	2.9538E-04
610826.43	4205756.03	4418.56933	0.00097	0.02242	2.670006-06	9.7747E-04	610826.43	4205756.03	4418.56933	0.00028	0.02242	2.670006-06	2.7888E-04
610833.43	4205756.03	4169.04285	0.00092	0.02197	2.616416-06	9.2236E-04	610833.43	4205756.03	4169.04285	0.00026	0.02197	2.616416-06	2.6322E-04
610840.43	4205756.03	3931.4223	0.00087	0.02154	2.565206-06	8.6989E-04	610840.43	4205756.03	3931.4223	0.00025	0.02154	2.565206-06	2.4832E-04
610847.43	4205756.03	3707.14117	0.00082	0.02113	2.516376-06	8.2036E-04	610847.43	4205756.03	3707.14117	0.00023	0.02113	2.516376-06	2.3425E-04
610854.43	4205756.03	3495.51046	0.00077	0.02073	2.468746-06	7.7361E-04	610854.43	4205756.03	3495.51046	0.00022	0.02073	2.468746-06	2.2097E-04
610861.43	4205756.03	3299.09954	0.00073	0.02035	2.423486-06	7.3026E-04	610861.43	4205756.03	3299.09954	0.00021	0.02035	2.423486-06	2.0859E-04
610868.43	4205756.03	3116.86696	0.00069	0.01998	2.379426-06	6.9000E-04	610868.43	4205756.03	3116.86696	0.00019	0.01998	2.379426-06	1.9722E-04
610875.43	4205756.03	2947.09293	0.00065	0.01963	2.337746-06	6.5251E-04	610875.43	4205756.03	2947.09293	0.00018	0.01963	2.337746-06	1.8656E-04
610882.43	4205756.03	2787.89685	0.00062	0.01929	2.297256-06	6.1735E-04	610882.43	4205756.03	2787.89685	0.00017	0.01929	2.297256-06	1.7657E-04
610889.43	4205756.03	2639.59613	0.00058	0.01895	2.256766-06	5.8459E-04	610889.43	4205756.03	2639.59613	0.00017	0.01895	2.256766-06	1.6726E-04
610910.43	4205756.03	2249.65903	0.00050	0.01803	2.147196-06	4.9845E-04	610910.43	4205756.03	2249.65903	0.00014	0.01803	2.147196-06	1.4277E-04
610917.43	4205756.03	2135.44578	0.00047	0.01774	2.112666-06	4.7322E-04	610917.43	4205756.03	2135.44578	0.00013	0.01774	2.112666-06	1.3560E-04
610924.43	4205756.03	2029.67277	0.00045	0.01746	2.079316-06	4.4985E-04	610924.43	4205756.03	2029.67277	0.00013	0.01746	2.079316-06	1.2895E-04
610931.43	4205756.03	1931.76287	0.00043	0.01719	2.047166-06	4.2822E-04	610931.43	4205756.03	1931.76287	0.00012	0.01719	2.047166-06	1.2280E-04
610938.43	4205756.03	1841.22039	0.00041	0.01693	2.016206-06	4.0821E-04	610938.43	4205756.03	1841.22039	0.00012	0.01693	2.016206-06	1.1711E-04
610945.43	4205756.03	1757.50923	0.00039	0.01668	1.986426-06	3.8972E-04	610945.43	4205756.03	1757.50923	0.00011	0.01668	1.986426-06	1.1184E-04
610952.43	4205756.03	1680.07208	0.00037	0.01643	1.956656-06	3.7260E-04	610952.43	4205756.03	1680.07208	0.00011	0.01643	1.956656-06	1.0698E-04
610959.43	4205756.03	1608.5299	0.00035	0.01619	1.928076-06	3.5679E-04	610959.43	4205756.03	1608.5299	0.00010	0.01619	1.928076-06	1.0248E-04
610966.43	4205756.03	1542.34531	0.00034	0.01596	1.900686-06	3.4216E-04	610966.43	4205756.03	1542.34531	0.00010	0.01596	1.900686-06	9.8313E-05
610973.43	4205756.03	1481.12395	0.00033	0.01574	1.874486-06	3.2863E-04	610973.43	4205756.03	1481.12395	0.00009	0.01574	1.874486-06	9.4460E-05
610980.43	4205756.03	1424.43169	0.00031	0.01552	1.848286-06	3.1610E-04	610980.43	4205756.03	1424.43169	0.00009	0.01552	1.848286-06	9.0890E-05
610987.43	4205756.03	1371.88728	0.00030	0.01531	1.823276-06	3.0448E-04	610987.43	4205756.03	1371.88728	0.00009	0.01531	1.823276-06	8.7580E-05
610994.43	4205756.03	1323.18812	0.00029	0.01511	1.799456-06	2.9371E-04	610994.43	4205756.03	1323.18812	0.00008	0.01511	1.799456-06	8.4512E-05
611001.43	4205756.03	1277.95947	0.00028	0.01491	1.775636-06	2.8373E-04	611001.43	4205756.03	1277.95947	0.00008	0.01491	1.775636-06	8.1661E-05
611008.43	4205756.03	1235.93755	0.00027	0.01471	1.751826-06	2.7442E-04	611008.43	4205756.03	1235.93755	0.00008	0.01471	1.751826-06	7.9011E-05
611015.43	4205756.03	1196.83533	0.00026	0.01453	1.730386-06	2.6577E-04	611015.43	4205756.03	1196.83533	0.00007	0.01453	1.730386-06	7.6545E-05
611022.43	4205756.03	1160.37223	0.00026	0.01434	1.707756-06	2.5770E-04	611022.43	4205756.03	1160.37223	0.00007	0.01434	1.707756-06	7.4241E-05
611029.43	4205756.03	1126.3197	0.00025	0.01416	1.686326-06	2.5017E-04	611029.43	4205756.03	1126.3197	0.00007	0.01416	1.686326-06	7.2093E-05
611050.43	4205756.03	1036.70375	0.00023	0.01365	1.625586-06	2.3034E-04	611050.43	4205756.03	1036.70375	0.00006	0.01365	1.625586-06	6.6430E-05
611057.43	4205756.03	1010.40411	0.00022	0.01349	1.606536-06	2.2452E-04	611057.43	4205756.03	1010.40411	0.00006	0.01349	1.606536-06	6.4767E-05
611064.43	4205756.03	985.61281	0.00022	0.01333	1.587476-06	2.1903E-04	611064.43	4205756.03	985.61281	0.00006	0.01333	1.587476-06	6.3198E-05
611071.43	4205756.03	962.25482	0.00021	0.01317	1.568426-06	2.1386E-04	611071.43	4205756.03	962.25482	0.00006	0.01317	1.568426-06	6.1719E-05
611078.43	4205756.03	940.14202	0.00021	0.01302	1.550556-06	2.0896E-04	611078.43	4205756.03	940.14202	0.00006	0.01302	1.550556-06	6.0319E-05
611085.43	4205756.03	919.20604	0.00020	0.01287	1.532696-06	2.0432E-04	611085.43	4205756.03	919.20604	0.00006	0.01287	1.532696-06	5.8992E-05
611092.43	4205756.03	899.33985	0.00020	0.01272	1.514836-06	1.9992E-04	611092.43	4205756.03	899.33985	0.00006	0.01272	1.514836-06	5.7738E-05
610294.43	4205763.03	7736.61434	0.00171	0.08917	1.061938-05	1.7174E-03	610294.43	4205763.03	7736.61434	0.00048	0.08917	1.061938-05	4.9424E-04
610301.43	4205763.03	7927.47435	0.00175	0.08836	1.052286-05	1.7596E-03	610301.43	4205763.03	7927.47435	0.00050	0.08836	1.052286-05	5.0607E-04
610308.43	4205763.03	8122.16441	0.00179	0.08752	1.042286-05	1.8023E-03	610308.43	4205763.03	8122.16441	0.00051	0.08752	1.042286-05	5.1814E-04
610315.43	4205763.03	8319.97353	0.00184	0.08669	1.032396-05	1.8458E-03	610315.43	4205763.03	8319.97353	0.00052	0.08669	1.032396-05	5.3041E-04
610322.43	4205763.03	8521.40875	0.00188	0.08581	1.021916-05	1.8902E-03	610322.43	4205763.03	8521.40875	0.00053	0.08581	1.021916-05	5.4288E-04
610329.43	4205763.03	8725.65524	0.00192	0.08494	1.011556-05	1.9351E-03	610329.43	4205763.03	8725.65524	0.00055	0.08494	1.011556-05	5.5558E-04
610336.43	4205763.03	8933.20498	0.00197	0.08408	1.001316-05	1.9808E-03	610336.43	4205763.03	8933.20498	0.00056	0.08408	1.001316-05	5.6840E-04
610343.43	4205763.03	9143.11178	0.00202	0.08337	9.928546-06	2.0270E-03	610343.43	4205763.03	9143.11178	0.00057	0.08337	9.928546-06	5.8147E-04
610350.43	4205763.03	9373.12378	0.00207	0.08250	9.824936-06	2.0777E-03	610350.43	4205763.03	9373.12378	0.00059	0.08250	9.824936-06	5.9574E-04
610357.43	4205763.03	9587.96283	0.00212	0.08159	9.716566-06	2.1250E-03	610357.43	4205763.03	9587.96283	0.00060	0.08159	9.716566-06	6.0906E-04
610364.43	4205763.03	9804.67487	0.00216	0.08068	9.608196-06	2.1727E-03	610364.43	4205763.03	9804.67487	0.00061	0.08068	9.608196-06	6.2250E-04
610371.43	4205763.03	10023.44374	0.00221	0.07977	9.499826-06	2.2208E-03	610371.43	4205763.03	10023.44374	0.00063	0.07977	9.499826-06	6.3607E-04
610378.43	4205763.03	10243.10092	0.00226	0.07884	9.389066-06	2.2692E-03	610378.43	4205763.03	10243.10092	0.00064	0.07884	9.389066-06	6.4968E-04
610385.43	4205763.03	10463.98555	0.00231	0.07789	9.275936-06	2.3178E-03	610385.43	4205763.03	10463.98555	0.00065	0.07789	9.275936-06	6.6338E-04
610392.43	4205763.03	10684.92029	0.00236	0.07693	9.161606-06	2.3664E-03	610392.43	4205763.03	10684.92029	0.00067	0.07693	9.161606-06	6.7708E-04
610399.43	4205763.03	10906.06617	0.00241	0.07594	9.043706-06	2.4151E-03	610399.43	4205763.03	10906.06617	0.00068	0.07594	9.043706-06	6.9078E-04
610406.43	4205763.03	11126.29911	0.00245	0.07493	8.923426-06	2.4635E-03	610406.43	4205763.03	11126.29911	0.00070	0.07493	8.923426-06	7.0443E-04
610413.43	4205763.03	11345.54462	0.00250	0.07392	8.803146-06	2.5118E-03	610413.43	4205763.03	11345.54462	0.00071	0.07392	8.803146-06	7.1802E-04
610420.43	4205763.03	11562.67443	0.00255	0.07290	8.681676-06	2.5598E-03	610420.43	4205763.03	11562.67443	0.00072	0.07290	8.681676-06	7.3147E-04
610427.43	4205763.03	11777.61509	0.00260	0.07188	8.560206-06	2.6069E-03	610427.43	4205763.03	11777.61509	0.00074	0.07188	8.560206-06	7.4478E-04
610434.43	4205763.03	11988.97953	0.00264	0.07086	8.438736-06	2.6534E-03	610434.43	4205763.03	11988.97953	0.00075	0.07086	8.438736-06	7.5787E-04
610441.43	4205763.03	12196.67849	0.00269	0.06983	8.316066-06	2.6991E-03	610441.43	4205763.03	12196.67849	0.00076	0.06983	8.316066-06	7.7073E-04
610448.43	4205763.03	12399.26577	0.00274	0.06880	8.193406-06	2.7436E-03	610448.43	4205763.03	12399.26577	0.00078	0.06880	8.193406-06	7.8327E-04
610455.43	4205763.03	12596.22156	0.00278	0.06777	8.070746-06	2.7870E-03	610455.43	4205763.03	12596.22156	0.00079	0.06777	8.070746-06	7.9546E-04
610462.43	4205763.03	12787.13588	0.00282	0.06674	7.948076-06	2.8290E-03	610462.43	4205763.03	12787.13588	0.00080	0.06674	7.948076-06	8.0727E-04
610469.43	4205763.03	12970.31673	0.00286	0.06571	7.825416-06	2.8693E-03	610469.43	4205763.03	12970.31673	0.00081	0.06571	7.825416-06	8.1860E-04
610476.43	4205763.03	13145.63265	0.00290	0.06468	7.702756-06	2.9078E-03	610476.43	4205763.03	13145.63265	0.00082	0.06468	7.702756-06	8.2944E-04
610483.43	4205763.03	13311.39997	0.00294	0.06365	7.580096-06	2.9443E-03	610483.43	4205763.03	13311.39997	0.00083	0.06365	7.580096-06	8.3968E-04
610490.43	4205763.03	13467.51553	0.00297	0.06262	7.457426-06	2.9786E-03	610490.43	4205763.03	13467.51553	0.00084	0.06262	7.457426-06	8.4931E-04
610504.43	4205763.03	13742.5483	0.00303	0.06054	7.209726-06	3.0390E-03	610504.43	4205763.03	13742.5483	0.00086	0.06054	7.209726-06	8.6626E-04
610511.43	4205763.03	13861.23204	0.00306	0.05950	7.085866-06	3.065E-03	610511.43	4205763.03	13861.23204	0.00087	0.05950	7.085866-06	8.7355E-04
610518.43	4205763.03	13966.36851	0.00308

611078.43	4205763.03	958.84655	0.00021	0.01317	1.568426-06	2.131E-04	611078.43	4205763.03	958.84655	0.00006	0.01317	1.568426-06	6.150E-05
611085.43	4205763.03	937.67813	0.00021	0.01302	1.550055E-06	2.084E-04	611085.43	4205763.03	937.67813	0.00006	0.01302	1.550055E-06	6.016E-05
611092.43	4205763.03	917.57027	0.00020	0.01287	1.532698-06	2.039E-04	611092.43	4205763.03	917.57027	0.00006	0.01287	1.532698-06	5.880E-05
610294.43	4205770.03	7823.18359	0.00173	0.09129	1.087176-05	1.736E-03	610294.43	4205770.03	7823.18359	0.00049	0.09129	1.087176-05	4.990E-04
610301.43	4205770.03	8020.7475	0.00177	0.09045	1.077176-05	1.780E-03	610301.43	4205770.03	8020.7475	0.00050	0.09045	1.077176-05	5.121E-04
610308.43	4205770.03	8222.29346	0.00181	0.08959	1.066938-05	1.824E-03	610308.43	4205770.03	8222.29346	0.00051	0.08959	1.066938-05	5.246E-04
610315.43	4205770.03	8427.99289	0.00186	0.08872	1.056576-05	1.869E-03	610315.43	4205770.03	8427.99289	0.00053	0.08872	1.056576-05	5.374E-04
610322.43	4205770.03	8637.11303	0.00191	0.08785	1.046216-05	1.915E-03	610322.43	4205770.03	8637.11303	0.00054	0.08785	1.046216-05	5.503E-04
610329.43	4205770.03	8850.16236	0.00195	0.08698	1.035855-05	1.962E-03	610329.43	4205770.03	8850.16236	0.00055	0.08698	1.035855-05	5.635E-04
610336.43	4205770.03	9066.21908	0.00200	0.08605	1.024776-05	2.010E-03	610336.43	4205770.03	9066.21908	0.00057	0.08605	1.024776-05	5.769E-04
610343.43	4205770.03	9303.67409	0.00205	0.08538	1.016796-05	2.062E-03	610343.43	4205770.03	9303.67409	0.00058	0.08538	1.016796-05	5.917E-04
610350.43	4205770.03	9525.97441	0.00210	0.08446	1.005846-05	2.111E-03	610350.43	4205770.03	9525.97441	0.00060	0.08446	1.005846-05	6.053E-04
610357.43	4205770.03	9751.39626	0.00215	0.08356	9.951176-06	2.161E-03	610357.43	4205770.03	9751.39626	0.00061	0.08356	9.951176-06	6.195E-04
610364.43	4205770.03	9979.06695	0.00220	0.08262	9.839236-06	2.211E-03	610364.43	4205770.03	9979.06695	0.00062	0.08262	9.839236-06	6.336E-04
610371.43	4205770.03	10209.04696	0.00225	0.08169	9.728476-06	2.262E-03	610371.43	4205770.03	10209.04696	0.00064	0.08169	9.728476-06	6.479E-04
610378.43	4205770.03	10440.60801	0.00230	0.08073	9.614156-06	2.313E-03	610378.43	4205770.03	10440.60801	0.00065	0.08073	9.614156-06	6.622E-04
610385.43	4205770.03	10673.7807	0.00235	0.07976	9.498636-06	2.364E-03	610385.43	4205770.03	10673.7807	0.00067	0.07976	9.498636-06	6.767E-04
610392.43	4205770.03	10907.58352	0.00241	0.07874	9.377166-06	2.415E-03	610392.43	4205770.03	10907.58352	0.00068	0.07874	9.377166-06	6.912E-04
610399.43	4205770.03	11141.75001	0.00246	0.07772	9.255686-06	2.467E-03	610399.43	4205770.03	11141.75001	0.00070	0.07772	9.255686-06	7.057E-04
610406.43	4205770.03	11376.12279	0.00251	0.07669	9.133026-06	2.518E-03	610406.43	4205770.03	11376.12279	0.00071	0.07669	9.133026-06	7.202E-04
610413.43	4205770.03	11609.41263	0.00256	0.07565	9.009176-06	2.570E-03	610413.43	4205770.03	11609.41263	0.00073	0.07565	9.009176-06	7.347E-04
610420.43	4205770.03	11841.63753	0.00261	0.07461	8.885316-06	2.621E-03	610420.43	4205770.03	11841.63753	0.00074	0.07461	8.885316-06	7.491E-04
610427.43	4205770.03	12071.4283	0.00266	0.07357	8.761466-06	2.671E-03	610427.43	4205770.03	12071.4283	0.00075	0.07357	8.761466-06	7.633E-04
610434.43	4205770.03	12298.68448	0.00271	0.07252	8.636426-06	2.721E-03	610434.43	4205770.03	12298.68448	0.00077	0.07252	8.636426-06	7.774E-04
610441.43	4205770.03	12522.03086	0.00276	0.07146	8.510186-06	2.771OE-03	610441.43	4205770.03	12522.03086	0.00078	0.07146	8.510186-06	7.912E-04
610448.43	4205770.03	12741.18286	0.00281	0.07041	8.385146-06	2.819E-03	610448.43	4205770.03	12741.18286	0.00080	0.07041	8.385146-06	8.048E-04
610455.43	4205770.03	12954.67684	0.00286	0.06935	8.258806-06	2.866E-03	610455.43	4205770.03	12954.67684	0.00081	0.06935	8.258806-06	8.180E-04
610462.43	4205770.03	13162.28373	0.00290	0.06829	8.132666-06	2.911OE-03	610462.43	4205770.03	13162.28373	0.00082	0.06829	8.132666-06	8.309E-04
610469.43	4205770.03	13362.18312	0.00295	0.06723	8.006436-06	2.955OE-03	610469.43	4205770.03	13362.18312	0.00084	0.06723	8.006436-06	8.434E-04
610476.43	4205770.03	13554.39757	0.00299	0.06617	7.880196-06	2.998E-03	610476.43	4205770.03	13554.39757	0.00085	0.06617	7.880196-06	8.551E-04
610483.43	4205770.03	13736.95631	0.00303	0.06512	7.755156-06	3.038E-03	610483.43	4205770.03	13736.95631	0.00086	0.06512	7.755156-06	8.664E-04
610490.43	4205770.03	13909.21389	0.00307	0.06406	7.628916-06	3.076E-03	610490.43	4205770.03	13909.21389	0.00087	0.06406	7.628916-06	8.771E-04
610504.43	4205770.03	14216.54011	0.00314	0.06192	7.374066-06	3.143E-03	610504.43	4205770.03	14216.54011	0.00089	0.06192	7.374066-06	8.960E-04
610511.43	4205770.03	14350.35599	0.00317	0.06084	7.245446-06	3.173E-03	610511.43	4205770.03	14350.35599	0.00090	0.06084	7.245446-06	9.042E-04
610518.43	4205770.03	14469.97634	0.00319	0.05976	7.116836-06	3.199E-03	610518.43	4205770.03	14469.97634	0.00090	0.05976	7.116836-06	9.116E-04
610525.43	4205770.03	14574.85336	0.00322	0.05869	6.989406-06	3.222E-03	610525.43	4205770.03	14574.85336	0.00091	0.05869	6.989406-06	9.180E-04
610532.43	4205770.03	14663.28837	0.00323	0.05763	6.863166-06	3.241BE-03	610532.43	4205770.03	14663.28837	0.00092	0.05763	6.863166-06	9.234E-04
610539.43	4205770.03	14735.26903	0.00325	0.05657	6.736936-06	3.257E-03	610539.43	4205770.03	14735.26903	0.00092	0.05657	6.736936-06	9.278E-04
610546.43	4205770.03	14789.18562	0.00326	0.05551	6.610696-06	3.269E-03	610546.43	4205770.03	14789.18562	0.00092	0.05551	6.610696-06	9.310E-04
610553.43	4205770.03	14824.77673	0.00327	0.05445	6.484466-06	3.276E-03	610553.43	4205770.03	14824.77673	0.00093	0.05445	6.484466-06	9.331E-04
610560.43	4205770.03	14841.77765	0.00327	0.05341	6.360606-06	3.280TE-03	610560.43	4205770.03	14841.77765	0.00093	0.05341	6.360606-06	9.341E-04
610567.43	4205770.03	14838.9495	0.00327	0.05237	6.236756-06	3.279BE-03	610567.43	4205770.03	14838.9495	0.00093	0.05237	6.236756-06	9.338E-04
610574.43	4205770.03	14815.68014	0.00327	0.05133	6.112906-06	3.274TE-03	610574.43	4205770.03	14815.68014	0.00093	0.05133	6.112906-06	9.324E-04
610581.43	4205770.03	14772.02427	0.00326	0.05030	5.990236-06	3.264WE-03	610581.43	4205770.03	14772.02427	0.00092	0.05030	5.990236-06	9.293E-04
610588.43	4205770.03	14707.77087	0.00324	0.04928	5.868766-06	3.250E-03	610588.43	4205770.03	14707.77087	0.00092	0.04928	5.868766-06	9.252E-04
610595.43	4205770.03	14622.51675	0.00323	0.04827	5.748486-06	3.231TE-03	610595.43	4205770.03	14622.51675	0.00091	0.04827	5.748486-06	9.198E-04
610602.43	4205770.03	14516.44961	0.00320	0.04727	5.629396-06	3.208ZE-03	610602.43	4205770.03	14516.44961	0.00091	0.04727	5.629396-06	9.130E-04
610609.43	4205770.03	14389.37929	0.00317	0.04628	5.511496-06	3.180DE-03	610609.43	4205770.03	14389.37929	0.00090	0.04628	5.511496-06	9.049E-04
610616.43	4205770.03	14241.37661	0.00314	0.04529	5.39359E-06	3.147ZE-03	610616.43	4205770.03	14241.37661	0.00089	0.04529	5.39359E-06	8.956E-04
610623.43	4205770.03	14072.65468	0.00310	0.04432	5.278076-06	3.109BE-03	610623.43	4205770.03	14072.65468	0.00088	0.04432	5.278076-06	8.849E-04
610630.43	4205770.03	13882.84593	0.00306	0.04336	5.163756-06	3.067IE-03	610630.43	4205770.03	13882.84593	0.00087	0.04336	5.163756-06	8.729E-04
610651.43	4205770.03	13201.47605	0.00291	0.04057	4.831496-06	2.917IE-03	610651.43	4205770.03	13201.47605	0.00083	0.04057	4.831496-06	8.300E-04
610658.43	4205770.03	12937.82588	0.00285	0.03967	4.724306-06	2.859ES-03	610658.43	4205770.03	12937.82588	0.00081	0.03967	4.724306-06	8.134E-04
610665.43	4205770.03	12656.21227	0.00279	0.03878	4.618316-06	2.796E8-03	610665.43	4205770.03	12656.21227	0.00079	0.03878	4.618316-06	7.957E-04
610672.43	4205770.03	12358.25776	0.00273	0.03790	4.513526-06	2.730E6-03	610672.43	4205770.03	12358.25776	0.00077	0.03790	4.513526-06	7.770E-04
610679.43	4205770.03	12045.57816	0.00266	0.03704	4.411106-06	2.661BE-03	610679.43	4205770.03	12045.57816	0.00075	0.03704	4.411106-06	7.573BE-04
610686.43	4205770.03	11718.47706	0.00259	0.03619	4.309876-06	2.589E6-03	610686.43	4205770.03	11718.47706	0.00073	0.03619	4.309876-06	7.368E-04
610693.43	4205770.03	11379.3179	0.00251	0.03536	4.211036-06	2.514E6-03	610693.43	4205770.03	11379.3179	0.00071	0.03536	4.211036-06	7.155E-04
610700.43	4205770.03	11028.61921	0.00243	0.03455	4.114566-06	2.437ZE-03	610700.43	4205770.03	11028.61921	0.00069	0.03455	4.114566-06	6.935ZE-04
610707.43	4205770.03	10669.12751	0.00235	0.03376	4.020486-06	2.357BE-03	610707.43	4205770.03	10669.12751	0.00067	0.03376	4.020486-06	6.709SE-04
610714.43	4205770.03	10299.61934	0.00227	0.03297	3.926406-06	2.276ZE-03	610714.43	4205770.03	10299.61934	0.00064	0.03297	3.926406-06	6.477SE-04
610742.43	4205770.03	8772.63416	0.00194	0.03003	3.576286-06	1.938RE-03	610742.43	4205770.03	8772.63416	0.00055	0.03003	3.576286-06	5.519SE-04
610749.43	4205770.03	8389.11818	0.00185	0.02935	3.495296-06	1.854ZE-03	610749.43	4205770.03	8389.11818	0.00052	0.02935	3.495296-06	5.279SE-04
610756.43	4205770.03	8007.51599	0.00177	0.02868	3.415506-06	1.770OE-03	610756.43	4205770.03	8007.51599	0.00050	0.02868	3.415506-06	5.039TE-04
610763.43	4205770.03	7631.0801	0.00168	0.02803	3.338106-06	1.686RE-03	610763.43	4205770.03	7631.0801	0.00048	0.02803	3.338106-06	4.803SE-04
610770.43	4205770.03	7260.70815	0.00160	0.02740	3.263076-06	1.605IE-03	610770.43	4205770.03	7260.70815	0.00045	0.02740	3.263076-06	4.573IE-04
610777.43	4205770.03	6896.99685	0.00152	0.02679	3.190426-06	1.524BE-03	610777.43	4205770.03	6896.99685	0.00043	0.02679	3.190426-06	4.343ZE-04
610784.43	4205770.03	6542.11561	0.00144	0.02620	3.120166-06	1.446AE-03	610784.43	4205770.03	6542.11561	0.00041	0.02620	3.120166-06	4.120TE-04
610791.43	4205770.03	6194.72795	0.00137	0.02563	3.052286-06	1.369TE-03	610791.43	4205770.03	6194.72795	0.00039	0.02563	3.052286-06	3.9029E-04
610798.43	4205770.03	5858.38465	0.00129	0.02508	2.986786-06	1.295xE-03	610798.43	4205770.03	5858.38465	0.00037	0.02508	2.986786-06	3.692OE-04
610805.43	4205770.03	5534.08207	0.00122	0.02455	2.923666-06	1.223BE-03	610805.43	4205770.03	5534.08207	0.00035	0.02455	2.923666-06	3.488BE-04
610812.43	4205770.03	5222.60615	0.00115	0.02403	2.861746-06	1.155OE-03	610812.43	4205770.03	5222.60615	0.00033	0.02403	2.861746-06	3.293SE-04
610819.43	4205770.03	4923.81332	0.00109	0.02354	2.803386-06	1.089IE-03	610819.43	4205770.03	4923.81332	0.00031	0.02354	2.803386-06	3.105SE-04
610826.43	4205770.03	4639.88148	0.00102	0.02306	2.746226-06	1.026AE-03	610826.43	4205770.03	4639.88148	0.00029	0.02306	2.746226-06	2.927SE-04
610833.43	4205770.03	4370.1906	0.00096	0.02260	2.691446-06	9.668ZE-04	610833.43	4205770.03	4370.1906	0.00027	0.02260	2.691446-06	2.758TE-04
610840.43	4205770.03	4115.06546	0.00091	0.02215	2.637856-06	9.104BE-04	610840.43	4205770.03	4115.06546	0.00026	0.02215	2.637856-06	2.598TE-04
610847.43	4205770.03	3874.34494	0.00085	0.02172	2.586646-06	8.573ZE-04	610847.43	4205770.03	3874.34494	0.00024	0.02172	2.586646-06	2.447TE-04
610854.43	4205770.03	3647.11244	0.00080	0.02131	2.537816-06	8.071xE-04	610854.43	4205770.03	3647.11244	0.00023	0.02131	2.537816-06	2.305ZE-04
610861.43	4205770.03	3438.11696	0.00076	0.02091	2.490176-06	7.609IE-04	610861.43	4205770.03	3438.11696	0.00021	0.02091	2.490176-06	2.174IE-04
610868.43	4205770.03	3244.36415	0.00072	0.02053	2.444926-06	7.182OE-04	610868.43	4205770.03	3244.36415	0.00020	0.02053	2.444926-06	2.052SE-04
610875.43	4205770.03	3062.90646	0.00068	0.02016	2.400866-06	6.781ZE-04	610875.43	4205770.03	3062.90646	0.00019	0.02016	2.400866-06	1.938EE-04
610882.43	4205770.03	2890.86747	0.00064	0.01980	2.357986-06	6.401ZE-04	610882.43	4205770.03	2890.86747	0.00018	0.01980	2.357986-06	1.830TE-04
610889.43	4205770.03	2730.3272	0.00060	0.01946	2.317496-06	6.046TE-04	610889.43	4205770.03	2730.3272	0.00017	0.01946	2.317496-06	1.729WE-04
610910.43	4205770.03	2315.63524	0.00051	0.01850	2.203176-06	5.130DE-04	610910.43	4205770.03	2315.63524	0.00014	0.01850	2.203176-06	1.469SE-04
610917.43	4205770.03	2197.64257	0.00048	0.01820	2.167446-06	4.870DE-04	610917.43	4205770.03	2197.64257	0.00014	0.01820	2.167446-06	1.395AE-04
610924.43	4205770.03	2088.66147	0.00046	0.01791	2.132906-06	4.629ZE-04	610924.43	4205770.03	2088.66147	0.00013	0.01791	2.132906-06	1.327DE-04
610931.43	4205770.03	1988.08115	0.00044	0.01763	2.099566-06	4.407DE-04	610931.43	4205770.03	1988.08115	0.00012	0.01763	2.099566-06	1.263TE-04
610938.43	4205770.03	1895.27269	0.00042	0.01736	2.067406-06	4.201BE-04	610938.43	4205770.03	1895.27269	0.00012	0.01736	2.067406-06	1.205AE-04
610945.43	4205770.03	1809.64568	0.00040	0.01710	2.036446-06	4.012TE-04	610945.43	4205770.03	1809.64568	0.00011	0.01710	2.036446-06	1.151BE-04
610952.43	4205770.03	1730.66112	0.00038	0.01685	2.006676-06	3.838IE-04	610952.43	4205770.03	1730.66112	0.00011	0.01685	2.006676-06	1.101WE-04
610959.43	4205770.03	1657.74792	0.00037	0.01660	1.976906-06	3.677DE-04	610959.43	4205770.03	1657.74792	0.00010	0.01660	1.976906-06	1.056DE-04
610966.43	4205770.03	1590.44213	0.00035	0.01637	1.949516-06	3.528ZE-04	610966.43	4205770.03	1590.44213	0.00010	0.01637	1.949516-06	1.013TE-04
610973.43	4205770.03	1528.20096	0.00034	0.01613	1.920926-06	3.390DE-04	610973.43	4205770.03	1528.20096	0.00010	0.01613	1.920926-06	9.744PE-05
610980.43	4205770.03	1470.66059	0.00032	0.01591	1.894726-06	3.263AE-04	610980.43	4205770.03	1470.66059	0.00009	0.01591	1.894726-06	9.382EE-05
610987.43	4205770.03	1417.38505	0.00031	0.01569	1.868526-06	3.145AE-04	610987.43	4205770.03	1417.38505	0.00009	0.01569	1.868526-06	9.047OE-05
610994.43	4205770.03	1367.97333	0.00030	0.01548	1.843526-06	3.036DE-04	610994.43	4205770.03	1367.97333	0.00009	0.01548	1.843526-06	8.735EE-05
611001.43	4205770.03	1322.14423	0.00029	0.01528	1.819706-06	2.935DE-04	611001.43	4205770.03	1322.14423	0.00008	0.01528	1.819706-06	8.446TE-05
611008.43	4205770.03	1279.51675	0.00028	0.01508	1.795886-06	2.840TE-04	611008.43	4205770.03	1279.51675	0.00008	0.01508	1.795886-06	8.179TE-05
611015.43	4205770.03	1239.8501	0.00027	0.01488	1.772066-06	2.753DE-04	611015.43	4205770.03	1239.8501	0.00008	0.01488	1.772066-06	7.927SE-05
611022.43	4205770.03	1202.84333	0.00027	0.01469	1.749436-06	2.671IE-04	611022.43	4205770.03	1202.84333	0.00008	0.01469	1.749436-06	7.693IE-05
611043.43	4205770.03	1105.62228	0.00024	0.01415	1.685136-06	2.456OE-04	611043.43	4205770.03	1105.62228	0.00007	0.01415	1.685136-06	7.079BE-05
611050.43	4205770.03	1077.12622	0.00024	0.01398	1.664686-06	2.392OE-04	611050.43	4205770.03	1077.12622	0.00007	0.01398	1.664686-06	6.899OE-05
611057.43	4205770.03	1050.31981	0.00023	0.01381	1.644636-06	2.333EE-04	611057.43	4205770.03	1050.31981	0.00007	0.01381	1.644636-06	6.730DE-05
611064.43	4205770.03	1025.04748	0.00023	0.01364	1.624396-06	2.277EE-04	611064.43	4205770.03	1025.04748	0.00006	0.01364	1.624396-06	6.570DE-05
611071.43	4205770.03	1001.18211	0.00022	0.01348	1.605336-06	2.224BE-04	611071.43	4205770.03	1001.18211	0.00006	0.01348	1.605336-06	6.418BE-05
611078.43	4205770.03	978.56644	0.00022	0.01333	1.587476-06	2.174OE-04	611078.43	4205770.03	978.56644	0.00006	0.01333	1.587476-06	6.275BE-05
611085.43	4205770.03	957.13301	0.00021	0.01317	1.568426-06	2.127IE-04	611085.43	4205770.03	957.13301	0.00006	0.01317	1.568426-06	6.139BE-05
611092.43	4205770.03	936.76493	0.00021	0.01302	1.550058-06	2.082IE-04	611092.43	4205770.03	936.76493	0.00006	0.01302	1.550058-06	6.010BE-05
610294.43	4205777.03	7907.19844	0.00174	0.09344	1.112788-05	1.755E6-03	610294.43	4205777.03	7907.19844	0.00049	0.09344	1.112788-05	5.054IE-04
610301.43	4205777.03	8111.92124	0.00179	0.09260	1.102778-05	1.800B6-03	610301.43	4205777.03	8111.92124	0.00051	0.09260	1.102778-05	5.181IE-04
610308.43	4205777.03	8320.67051	0.00184	0.09173	1.092416-05	1.846E6-03	610308.43	4205777.03	8320.67051	0.00052	0.09173	1.092416-05	5.310SE-04
610315.43	4205777.03	8534.05721	0.00188	0.09085	1.081936-05	1.893IE-03	610315.43	4205777.03	8534.05721	0.00053	0.09085	1.081936-05	5.442IE-04
610322.43	4205777.03	8751.26076	0.00193	0.08998	1.071576-05	1.941AE-03	610322.43	4205777.03	8751.26076	0.00055	0.08998	1.071576-05	5.577IE-04
610329.43	4205777.03	8972.90557	0.00198	0.08905	1.060506-05	1.990ZE-03	610329.43	4205777.03	8972.90557	0.00056	0.08905	1.060506-05	5.715OE-04
610336.43	4205777.03	9216.56215	0.00203	0.08837	1.052405-05	2.043BE-03	610336.43	4205777.03	9216.56215	0.00058	0.08837	1.052405-05	5.860OE-04
610343.43	4205777.03	9445.35229	0.00208	0.08745	1.041446-05	2.094ZE-03	610343.43	4205777.03	9445.35229	0.00059	0.08745	1.041446-05	6.008SE-04
610350.43	4205777.03	9678.13638	0.00214	0.08651	1.030256-05	2.145AE-03	610350.43	4205777.03	9678.13638	0.00060	0.08651	1.030256-05	6.152BE-04
610357.43	4205777.03	9913.8105	0.00219	0.08558	1.019176-05	2.197BE-03	610357.43	4205777.03	9913.8105	0.00062	0.08558	1.019176-05	6.299IE-04
610364.43	4205777.03	10152.90601	0.00224	0.08463	1.007866-05	2.249OE-03	610364.43	4205777.03	10152.90601	0.00063	0.08463	1.007866-05	6.447AE-04
610371.43	4205777.03	10394.35978	0.00229	0.08365	9.961896-06	2.303IE-03	610371.43	4205777.03	10394.35978	0.00065	0.08365	9.961896-06	6.597ZE-04
610378.43	4205777.03	10638.44597	0.00235	0.08269	9.847566-06	2.358E8-03	610378.43	4205777.03	10638.44597	0.00067	0.08269	9.847566-06	6.748E-04
610385.43	4205777.03	10884.2243	0.00240	0.08166	9.724906-06	2.410OE-03	610385.43	4205777.03	10884.2243	0.00068	0.08166	9.724906-06	6.901OE-04
610392.43	4205777.03	11131.71281	0.00246	0.08062	9.601056-06	2.465E-03	610392.43	4205777.03	11131.71281	0.00070	0.08062	9.601056-06	7.054SE-04
610399.43	4205777.03	11379.8316	0.00251	0.07957	9.476006-06	2.520OE-03	610399.43	4205777.03	11379.8316	0.00071	0.07957	9.476006-06	7.208IE-04
610406.43	4205777.03	11628.73182	0.00257	0.07852	9.350966-06	2.574BE-03	610406.43	4205777.03	11628.73182	0.00073	0.07852	9.350966-06	7.362TE-04
610413.43	4205777.03	11877.06751	0.00262	0.07745	9.223536-06	2.629SE-03	610413.43	4205777.03	11877.06751	0.00074	0.07745	9.223536-06	7.516EE-04
610420.43	4205777.03	12124.90013	0.00267	0.07639	9.097296-06	2.684OE-03	610420.43	4205777.03	12124.90013	0.00076	0.07639	9.097296-06	7.670IE-04
610427.43	4205777.03	12370.70039	0.00273	0.07531	8.968686-06	2.738IE-03	610427.43	4205777.03	12370.70039	0.00077	0.07531	8.968686-06	7.822SE-04
610434.43	4205777.03	12614.2089	0.00278	0.07423	8.840066-06	2.791TE-03	610434.43	4205777.03	12614.2089	0.00079	0.07423	8.840066-06	7.973SE-04
610441.43	4205777.03	12854.85078	0.00284	0.07315	8.711446-06	2.844TE-03	610441.43	4205777.03	12854.85078	0.00080	0.07315	8.711446-06	8.122TE-04
610448.43	4205777.03	13091.00951	0.00289	0.07207	8.582826-06	2.896IE-03	610448.43	4205777.03	13091.00951	0.00082	0.07207	8.582826-06	8.269IE-04
610455.43	4205777.03	13322.50502	0.00294	0.07099	8.454216-06	2.947IE-03	610455.43	4205777.03	13322.50502	0.00083	0.07099	8.454216-06	8.412SE-04
610462.43	4205777.03	13547.63379	0.00299	0.06990	8.324406-06	2.997IE-03	610462.43	4205777.03	13547.63379	0.00085	0.06990	8.324406-06	8.551IE-04
610469.43	4205777.03	13766.14876	0.00304	0.06881	8.194596-06	3.045ZE-03	610469.43	4205777.03	13766.14876	0.00086	0.06881	8.194596-06	8.687ZE-04
610476.43	4205777.03	13976.11216	0.00308	0.06772	8.064786-06	3.0914E-03	610476.43	4205777.03	13976.11216	0.00087	0.06772	8.064786-06	8.817IE-04
610483.43	4205777.03	14177.25376	0.00313	0.06664	7.936176-06	3.135GE-03	610483.43	4205777.03	14177.25376	0.00089	0.06664	7.936176-06	8.941GE-04
610490.43	4205777.03	14367.7662	0.00317	0.06555	7.806366-06	3.177SE-03	610490.43	4205777.03	14367.7662	0.00090	0.06555	7.806366-06	9.059AE-04
610504.43	4205777.03	14709.60611	0.00325	0.06333	7.541986-06	3.252T6-03	610504.43	4205777.03	14709.60611	0.00092	0.06333	7.541986-06	9.270AE-04
610511.43	4205777.03	14860.15909	0.00328	0.06222	7.409756-06	3.285BE-03	610511.43	4205777.03	14860.15909	0.00093	0.06222	7.409756-06	9.363ZE-04
610518.43	4205777.03	14996.27035	0.00331	0.06111	7.277606-06	3.315T6-03	610518.43	4205777.03	14996.27035	0.00094	0.06111	7.277606-06	9.447OE-04
610525.43	4205777.03	15116.64901	0.00333	0.06001	7.146606-06	3.342IE-03	610525

6110B5.43	4205777.03	977.6445	0.00022	0.01333	1.587476-06	2.1727E-04	6110B5.43	4205777.03	977.6445	0.00006	0.01333	1.587476-06	6.2700E-05		
611092.43	4205777.03	956.98618	0.00021	0.01317	1.568426-06	2.1269E-04	611092.43	4205777.03	956.98618	0.00006	0.01317	1.568426-06	6.1930E-05		
610294.43	4205784.03	7889.07959	0.00176	0.09560	1.139576-05	1.7739E-03	610294.43	4205784.03	7889.07959	0.00050	0.09569	1.139576-05	5.1079E-04		
610301.43	4205784.03	8200.32179	0.00181	0.09483	1.129336-05	1.8204E-03	610301.43	4205784.03	8200.32179	0.00051	0.09483	1.129336-05	5.2390E-04		
610308.43	4205784.03	8416.71933	0.00186	0.09395	1.118856-05	1.8680E-03	610308.43	4205784.03	8416.71933	0.00053	0.09395	1.118856-05	5.3732E-04		
610315.43	4205784.03	8637.50653	0.00191	0.09305	1.108136-05	1.9166E-03	610315.43	4205784.03	8637.50653	0.00054	0.09305	1.108136-05	5.5101E-04		
610322.43	4205784.03	8863.31468	0.00196	0.09214	1.097306-05	1.9663E-03	610322.43	4205784.03	8863.31468	0.00055	0.09214	1.097306-05	5.6502E-04		
610329.43	4205784.03	9093.30505	0.00201	0.09143	1.088846-05	2.0170E-03	610329.43	4205784.03	9093.30505	0.00057	0.09143	1.088846-05	5.7931E-04		
610336.43	4205784.03	9347.14893	0.00206	0.09053	1.078126-05	2.0729E-03	610336.43	4205784.03	9347.14893	0.00058	0.09053	1.078126-05	5.9507E-04		
610343.43	4205784.03	9585.80705	0.00211	0.08959	1.066936-05	2.1254E-03	610343.43	4205784.03	9585.80705	0.00060	0.08959	1.066936-05	6.0988E-04		
610350.43	4205784.03	9828.851	0.00217	0.08864	1.055616-05	2.1798E-03	610350.43	4205784.03	9828.851	0.00061	0.08864	1.055616-05	6.2496E-04		
610357.43	4205784.03	10075.49321	0.00222	0.08769	1.044306-05	2.2332E-03	610357.43	4205784.03	10075.49321	0.00063	0.08769	1.044306-05	6.4026E-04		
610364.43	4205784.03	10326.04186	0.00228	0.08671	1.032636-05	2.2884E-03	610364.43	4205784.03	10326.04186	0.00065	0.08671	1.032636-05	6.5581E-04		
610371.43	4205784.03	10579.56256	0.00233	0.08571	1.020726-05	2.3442E-03	610371.43	4205784.03	10579.56256	0.00066	0.08571	1.020726-05	6.7154E-04		
610378.43	4205784.03	10836.05508	0.00239	0.08468	1.008466-05	2.4007E-03	610378.43	4205784.03	10836.05508	0.00068	0.08468	1.008466-05	6.8745E-04		
610385.43	4205784.03	11095.42118	0.00245	0.08363	9.959516-06	2.4578E-03	610385.43	4205784.03	11095.42118	0.00069	0.08363	9.959516-06	7.0354E-04		
610392.43	4205784.03	11356.51071	0.00251	0.08256	9.832086-06	2.5152E-03	610392.43	4205784.03	11356.51071	0.00071	0.08256	9.832086-06	7.1973E-04		
610399.43	4205784.03	11619.62001	0.00256	0.08149	9.704656-06	2.5732E-03	610399.43	4205784.03	11619.62001	0.00073	0.08149	9.704656-06	7.3605E-04		
610406.43	4205784.03	11883.30035	0.00262	0.08040	9.574856-06	2.6312E-03	610406.43	4205784.03	11883.30035	0.00074	0.08040	9.574856-06	7.5240E-04		
610413.43	4205784.03	12147.78933	0.00268	0.07932	9.446236-06	2.6894E-03	610413.43	4205784.03	12147.78933	0.00076	0.07932	9.446236-06	7.6881E-04		
610420.43	4205784.03	12411.64138	0.00274	0.07822	9.315236-06	2.7476E-03	610420.43	4205784.03	12411.64138	0.00078	0.07822	9.315236-06	7.8537E-04		
610427.43	4205784.03	12674.86145	0.00280	0.07712	9.184236-06	2.8054E-03	610427.43	4205784.03	12674.86145	0.00079	0.07712	9.184236-06	8.0149E-04		
610434.43	4205784.03	12935.882	0.00285	0.07602	9.053236-06	2.8629E-03	610434.43	4205784.03	12935.882	0.00081	0.07602	9.053236-06	8.1768E-04		
610441.43	4205784.03	13194.56607	0.00291	0.07491	8.921046-06	2.9198E-03	610441.43	4205784.03	13194.56607	0.00082	0.07491	8.921046-06	8.3372E-04		
610448.43	4205784.03	13449.22068	0.00297	0.07380	8.788856-06	2.9758E-03	610448.43	4205784.03	13449.22068	0.00084	0.07380	8.788856-06	8.4950E-04		
610455.43	4205784.03	13699.72564	0.00302	0.07268	8.655476-06	3.0310E-03	610455.43	4205784.03	13699.72564	0.00086	0.07268	8.655476-06	8.6503E-04		
610462.43	4205784.03	13944.0541	0.00308	0.07156	8.522096-06	3.0848E-03	610462.43	4205784.03	13944.0541	0.00087	0.07156	8.522096-06	8.8017E-04		
610469.43	4205784.03	14181.62654	0.00313	0.07045	8.389906-06	3.1371E-03	610469.43	4205784.03	14181.62654	0.00089	0.07045	8.389906-06	8.9480E-04		
610476.43	4205784.03	14431.69518	0.00318	0.06933	8.256526-06	3.1877E-03	610476.43	4205784.03	14431.69518	0.00090	0.06933	8.256526-06	9.0913E-04		
610483.43	4205784.03	14632.32088	0.00323	0.06821	8.123146-06	3.2362E-03	610483.43	4205784.03	14632.32088	0.00091	0.06821	8.123146-06	9.2279E-04		
610490.43	4205784.03	14842.94374	0.00327	0.06709	7.989766-06	3.2825E-03	610490.43	4205784.03	14842.94374	0.00093	0.06709	7.989766-06	9.3582E-04		
610504.43	4205784.03	15222.82554	0.00336	0.06479	7.715856-06	3.3661E-03	610504.43	4205784.03	15222.82554	0.00095	0.06479	7.715856-06	9.5938E-04		
610511.43	4205784.03	15392.17928	0.00340	0.06365	7.580096-06	3.4033E-03	610511.43	4205784.03	15392.17928	0.00096	0.06365	7.580096-06	9.6975E-04		
610518.43	4205784.03	15546.29283	0.00343	0.06251	7.444326-06	3.4372E-03	610518.43	4205784.03	15546.29283	0.00097	0.06251	7.444326-06	9.7925E-04		
610525.43	4205784.03	15683.80328	0.00346	0.06137	7.308566-06	3.4674E-03	610525.43	4205784.03	15683.80328	0.00098	0.06137	7.308566-06	9.8771E-04		
610532.43	4205784.03	15803.63935	0.00349	0.06023	7.172806-06	3.4937E-03	610532.43	4205784.03	15803.63935	0.00099	0.06023	7.172806-06	9.9506E-04		
610539.43	4205784.03	15904.76874	0.00351	0.05910	7.038236-06	3.5158E-03	610539.43	4205784.03	15904.76874	0.00099	0.05910	7.038236-06	1.0012E-03		
610546.43	4205784.03	15985.94516	0.00353	0.05798	6.904846-06	3.5336E-03	610546.43	4205784.03	15985.94516	0.00100	0.05798	6.904846-06	1.0062E-03		
610553.43	4205784.03	16046.36494	0.00354	0.05686	6.771466-06	3.5468E-03	610553.43	4205784.03	16046.36494	0.00100	0.05686	6.771466-06	1.0098E-03		
610560.43	4205784.03	16085.06629	0.00355	0.05574	6.638086-06	3.5552E-03	610560.43	4205784.03	16085.06629	0.00101	0.05574	6.638086-06	1.0123E-03		
610567.43	4205784.03	16101.78761	0.00355	0.05464	6.507086-06	3.5588E-03	610567.43	4205784.03	16101.78761	0.00101	0.05464	6.507086-06	1.0130E-03		
610574.43	4205784.03	16093.44565	0.00355	0.05354	6.376086-06	3.5578E-03	610574.43	4205784.03	16093.44565	0.00101	0.05354	6.376086-06	1.0125E-03		
610581.43	4205784.03	16065.88368	0.00354	0.05245	6.246286-06	3.5506E-03	610581.43	4205784.03	16065.88368	0.00100	0.05245	6.246286-06	1.0105E-03		
610588.43	4205784.03	16011.6101	0.00353	0.05137	6.117666-06	3.5385E-03	610588.43	4205784.03	16011.6101	0.00100	0.05137	6.117666-06	1.0070E-03		
610595.43	4205784.03	15932.57926	0.00351	0.05030	5.990236-06	3.5208E-03	610595.43	4205784.03	15932.57926	0.00100	0.05030	5.990236-06	1.0019E-03		
610602.43	4205784.03	15829.40581	0.00349	0.04925	5.865196-06	3.4980E-03	610602.43	4205784.03	15829.40581	0.00099	0.04925	5.865196-06	9.9536E-04		
610609.43	4205784.03	15700.77037	0.00346	0.04819	5.738956-06	3.4695E-03	610609.43	4205784.03	15700.77037	0.00098	0.04819	5.738956-06	9.8720E-04		
610616.43	4205784.03	15547.68097	0.00343	0.04716	5.616296-06	3.4356E-03	610616.43	4205784.03	15547.68097	0.00097	0.04716	5.616296-06	9.7750E-04		
610623.43	4205784.03	15369.26506	0.00339	0.04613	5.493636-06	3.3962E-03	610623.43	4205784.03	15369.26506	0.00096	0.04613	5.493636-06	9.6623E-04		
610630.43	4205784.03	15166.26183	0.00335	0.04511	5.372166-06	3.3518E-03	610630.43	4205784.03	15166.26183	0.00095	0.04511	5.372166-06	9.5342E-04		
610637.43	4205784.03	14939.55787	0.00330	0.04411	5.253076-06	3.3011E-03	610637.43	4205784.03	14939.55787	0.00093	0.04411	5.253076-06	9.3913E-04		
610658.43	4205784.03	14126.69263	0.00312	0.04120	4.906516-06	3.1214E-03	610658.43	4205784.03	14126.69263	0.00088	0.04120	4.906516-06	8.8797E-04		
610665.43	4205784.03	13812.53451	0.00305	0.04025	4.793386-06	3.0520E-03	610665.43	4205784.03	13812.53451	0.00086	0.04025	4.793386-06	8.6822E-04		
610672.43	4205784.03	13479.3851	0.00297	0.03932	4.682626-06	2.9784E-03	610672.43	4205784.03	13479.3851	0.00084	0.03932	4.682626-06	8.4728E-04		
610679.43	4205784.03	13127.66981	0.00290	0.03841	4.574256-06	2.9007E-03	610679.43	4205784.03	13127.66981	0.00082	0.03841	4.574256-06	8.2538E-04		
610686.43	4205784.03	12760.15925	0.00282	0.03752	4.468266-06	2.8195E-03	610686.43	4205784.03	12760.15925	0.00080	0.03752	4.468266-06	8.0211E-04		
610693.43	4205784.03	12377.38835	0.00273	0.03664	4.363466-06	2.7350E-03	610693.43	4205784.03	12377.38835	0.00077	0.03664	4.363466-06	7.7808E-04		
610700.43	4205784.03	11982.60018	0.00264	0.03578	4.261046-06	2.6478E-03	610700.43	4205784.03	11982.60018	0.00075	0.03578	4.261046-06	7.5138E-04		
610707.43	4205784.03	11576.44823	0.00255	0.03494	4.161016-06	2.5581E-03	610707.43	4205784.03	11576.44823	0.00072	0.03494	4.161016-06	7.2781E-04		
610714.43	4205784.03	11160.23861	0.00246	0.03412	4.066356-06	2.4662E-03	610714.43	4205784.03	11160.23861	0.00070	0.03412	4.066356-06	7.0169E-04		
610721.43	4205784.03	10736.07288	0.00237	0.03331	3.966886-06	2.3725E-03	610721.43	4205784.03	10736.07288	0.00067	0.03331	3.966886-06	6.7508E-04		
610728.43	4205784.03	10308.1973	0.00227	0.03253	3.874006-06	2.2780E-03	610728.43	4205784.03	10308.1973	0.00064	0.03253	3.874006-06	6.4824E-04		
610749.43	4205784.03	9016.85301	0.00199	0.03030	3.608436-06	1.9928E-03	610749.43	4205784.03	9016.85301	0.00056	0.03030	3.608436-06	5.6725E-04		
610756.43	4205784.03	8591.68014	0.00190	0.02960	3.525076-06	1.8990E-03	610756.43	4205784.03	8591.68014	0.00054	0.02960	3.525076-06	5.4059E-04		
610763.43	4205784.03	8170.65239	0.00180	0.02892	3.444096-06	1.8060E-03	610763.43	4205784.03	8170.65239	0.00051	0.02892	3.444096-06	5.1419E-04		
610770.43	4205784.03	7754.41288	0.00171	0.02826	3.365496-06	1.7141E-03	610770.43	4205784.03	7754.41288	0.00048	0.02826	3.365496-06	4.8810E-04		
610136.43	4205784.03	1182.26724	0.00026	0.01468	1.748246-06	2.6257E-04	611036.43	4205784.03	1182.26724	0.00007	0.01468	1.748246-06	7.5652E-05		
610043.43	4205784.03	1151.36387	0.00025	0.01432	1.726816-06	2.5573E-04	610043.43	4205784.03	1151.36387	0.00007	0.01432	1.726816-06	7.3699E-05		
610050.43	4205784.03	1122.28064	0.00025	0.01432	1.705376-06	2.4930E-04	610050.43	4205784.03	1122.28064	0.00007	0.01432	1.705376-06	7.1859E-05		
610057.43	4205784.03	1094.87855	0.00024	0.01415	1.685136-06	2.4321E-04	610057.43	4205784.03	1094.87855	0.00007	0.01415	1.685136-06	7.0126E-05		
610064.43	4205784.03	1069.03466	0.00024	0.01397	1.663696-06	2.3751E-04	610064.43	4205784.03	1069.03466	0.00007	0.01397	1.663696-06	6.8488E-05		
610071.43	4205784.03	1044.55317	0.00023	0.01381	1.644636-06	2.3209E-04	610071.43	4205784.03	1044.55317	0.00007	0.01381	1.644636-06	6.6940E-05		
610078.43	4205784.03	1021.36718	0.00023	0.01364	1.624396-06	2.2691E-04	610078.43	4205784.03	1021.36718	0.00006	0.01364	1.624396-06	6.5470E-05		
610085.43	4205784.03	999.34536	0.00022	0.01348	1.605336-06	2.2207E-04	610085.43	4205784.03	999.34536	0.00006	0.01348	1.605336-06	6.4075E-05		
611092.43	4205784.03	978.4069	0.00022	0.01333	1.587476-06	2.1744E-04	611092.43	4205784.03	978.4069	0.00006	0.01333	1.587476-06	6.2748E-05		
610294.43	4205784.03	8068.32195	0.00178	0.09803	1.167446-05	1.7917E-03	610294.43	4205791.03	8068.32195	0.00050	0.09803	1.167446-05	5.1603E-04		
610301.43	4205791.03	8286.42289	0.00183	0.09714	1.156846-05	1.8397E-03	610301.43	4205791.03	8286.42289	0.00052	0.09714	1.156846-05	5.2955E-04		
610308.43	4205791.03	8510.16945	0.00188	0.09624	1.146126-05	1.8889E-03	610308.43	4205791.03	8510.16945	0.00053	0.09624	1.146126-05	5.4343E-04		
610315.43	4205791.03	8738.79251	0.00193	0.09533	1.135296-05	1.9398E-03	610315.43	4205791.03	8738.79251	0.00055	0.09533	1.135296-05	5.5762E-04		
610322.43	4205791.03	8972.57518	0.00198	0.09462	1.126836-05	1.9907E-03	610322.43	4205791.03	8972.57518	0.00056	0.09462	1.126836-05	5.7215E-04		
610329.43	4205791.03	9231.58312	0.00204	0.09370	1.115876-05	2.0478E-03	610329.43	4205791.03	9231.58312	0.00058	0.09370	1.115876-05	5.8823E-04		
610336.43	4205791.03	9475.2512	0.00209	0.09275	1.104566-05	2.1014E-03	610336.43	4205791.03	9475.2512	0.00059	0.09275	1.104566-05	6.0335E-04		
610343.43	4205791.03	9724.21695	0.00215	0.09181	1.093376-05	2.1562E-03	610343.43	4205791.03	9724.21695	0.00061	0.09181	1.093376-05	6.1880E-04		
610350.43	4205791.03	9977.50077	0.00220	0.09083	1.081706-05	2.2120E-03	610350.43	4205791.03	9977.50077	0.00062	0.09083	1.081706-05	6.3451E-04		
610357.43	4205791.03	10235.63844	0.00226	0.08986	1.070146-05	2.2688E-03	610357.43	4205791.03	10235.63844	0.00064	0.08986	1.070146-05	6.5053E-04		
610364.43	4205791.03	10497.65426	0.00232	0.08885	1.058126-05	2.3265E-03	610364.43	4205791.03	10497.65426	0.00066	0.08885	1.058126-05	6.6679E-04		
610371.43	4205791.03	10763.98574	0.00237	0.08782	1.045856-05	2.3851E-03	610371.43	4205791.03	10763.98574	0.00067	0.08782	1.045856-05	6.8332E-04		
610378.43	4205791.03	11033.58041	0.00243	0.08675	1.033116-05	2.4445E-03	610378.43	4205791.03	11033.58041	0.00069	0.08675	1.033116-05	7.0004E-04		
610385.43	4205791.03	11306.7528	0.00249	0.08567	1.020256-05	2.5048E-03	610385.43	4205791.03	11306.7528	0.00071	0.08567	1.020256-05	7.1695E-04		
610392.43	4205791.03	11582.35712	0.00256	0.08457	1.007156-05	2.5653E-03	610392.43	4205791.03	11582.35712	0.00072	0.08457	1.007156-05	7.3409E-04		
610399.43	4205791.03	11860.53368	0.00262	0.08348	9.941646-06	2.6265E-03	610399.43	4205791.03	11860.53368	0.00074	0.08348	9.941646-06	7.5135E-04		
610406.43	4205791.03	12140.15767	0.00268	0.08237	9.809456-06	2.6881E-03	610406.43	4205791.03	12140.15767	0.00076	0.08237	9.809456-06	7.6869E-04		
610413.43	4205791.03	12420.79256	0.00274	0.08125	9.676076-06	2.7498E-03	610413.43	4205791.03	12420.79256	0.00078	0.08125	9.676076-06	7.8610E-04		
610420.43	4205791.03	12702.27019	0.00280	0.08013	9.542696-06	2.8118E-03	610420.43	4205791.03	12702.27019	0.00079	0.08013	9.542696-06	8.0356E-04		
610427.43	4205791.03	12983.02951	0.00286	0.07900	9.408126-06	2.8736E-03	610427.43	4205791.03	12983.02951	0.00081	0.07900	9.408126-06	8.2098E-04		
610434.43	4205791.03	13262.91464	0.00293	0.07787	9.273556-06	2.9353E-03	610434.43	4205791.03	13262.91464	0.00083	0.07787	9.273556-06	8.3834E-04		
610441.43	4205791.03	13540.4078	0.00299	0.07673	9.137786-06	2.9963E-03	610441.43	4205791.03	13540.4078	0.00085	0.07673	9.137786-06	8.5555E-04		
610448.43	4205791.03	13815.17348	0.00305	0.07559	9.002026-06	3.0568E-03	610448.43	4205791.03	13815.17348	0.00086	0.07559	9.002026-06	8.7259E-04		
610455.43	4205791.03	14085.39913	0.00311	0.07444	8.865076-06	3.1163E-03	610455.43	4205791.03	14085.39913	0.00088	0.07444	8.865076-06	8.8935E-04		
610462.43	4205791.03	14350.85776	0.00317	0.07330	8.729316-06	3.1747E-03	610462.43	4205791.03	14350.85776	0.00090	0.07330	8.729316-06	9.0580E-04		
610469.43	4205791.03	14609.48869	0.00322	0.07215	8.592356-06	3.2316E-03	610469.43	4205791.03	14609.48869	0.00091	0.07215	8.592356-06	9.2183E-04		
610476.43	4205791.03	14860.91638	0.00328	0.07100	8.455406-06	3.2870E-03	610476.43	4205791.03	14860.91638	0.00093	0.07100	8.455406-06	9.3741E-04		
610483.43	4205791.03	15102.92328	0.00333	0.06984	8.317256-06	3.3402E-03	610483.43	4205791.03	15102.92328	0.00094	0.06984	8.317256-06	9.5240E-04		
610490.43	4205791.03	15335.1647	0.00338	0.06868	8.179116-06	3.3913E-03	610490.43	4205791.03	15335.1647	0.00096	0.06868	8.179116-06	9.6678E-04		
610504.43	4205791.03	15756.64717	0.00348	0.06631	7.896876-06	3.4840E-03	610504.43	4205791.03	15756.64717	0.00098	0.06631	7.896876-06	9.9285E-04		
610511.43	4205791.03	15946.44054	0.00352	0.06513	7.756346-06	3.5258E-03	610511.43	4205791.03	15946.44054	0.00100	0.06513	7.756346-06	1.0046E-03		
610518.43	4205791.03	16120.86107	0.00356	0.06395	7.615816-06	3.5614E-03	610518.43	4205791.03	16120.86107	0.00101	0.06395	7.615816-06	1.0153E-03		
610525.43	4205791.03	16277.59856	0.00359	0.06278	7.476486-06	3.5936E-03	610525.43	4205791.03	16277.59856	0.00102	0.06278	7.476486-06	1.0250E-03		
610532.43	4205791.03	16415.8757	0.00362	0.06160	7.335956-06	3.6289E-03	610532.43	4205791.03	16415.8757	0.00103	0.06160	7.335956-06	1.0335E-03		
610539.43	4205791.03	16534.26	0.00365	0.06044	7.197816-06	3.6548E-03	610539.43	4205791.03	16534.26	0.00103	0.06044	7.197816-06	1.0408E-03		
610546.43	4205791.03	16632.25858	0.00367	0.05928	7.059666-06	3.6764E-03	610546.43	4205791.03	16632.25858	0.00104	0.05928	7.059666-06	1.0467E-03		
610553.43	4205791.03	16707.54127	0.00369	0.05812	6.921526-06	3.6928E-03	610553.43	4205791.03	16707.54127	0.00104	0.05812	6.921526-06	1.0513E-03		
610560.43	4205791.03	16759.62074	0.00370	0.05697	6.784566-06	3.7042E-03	610560.43	4205791.03	16759.62074	0.00105	0.05697	6.784566-06	1.0544E-03		
610567.43	4205791.03	16788.7458	0.00370	0.05583	6.648806-06	3.7105E-03	610567.43	4205791.03	16788.7458	0.00105	0.05583	6.648806-06	1.0561E-03		
610574.43	4205791.03	16783.41577	0.00370	0.05471	6.515426-06	3.7114E-03	610574.43	4205791.03	16783.41577	0.00105	0.05471	6.515426-06	1.0563E-03		
610581.43	4205791.03	16772.43759	0.00370	0.05359	6.382046-06	3.7066E-03	610581.43	4205791.03	16772.43759	0.00105	0.05359	6.382046-06	1.0548E-03		
610588.43	4205791.03	16725.79163	0.00369	0.05248	6.249856-06	3.6962E-03	610588.43	4205791.03	16725.79163	0.00105	0.05248	6.249856-06	1.0518E-03		
610595.43	4205791.03	16651.84816	0.00367	0.05138	6.118856-06	3.6797E-03	610595.43	4205791.03	16651.84816	0.00104	0.05138	6.118856-06	1.0476E-03		
610602.43	4205791.03	16550.89883	0.00365	0.05028	5.987856-06	3.6573E-03	610602.43	4205791.03	16550.89883	0.00103	0.05028	5.987856-06	1.0406E-03		
610609.43	4205791.03	16422.66078	0.00362	0.04920	5.859236-06	3.6289E-03	610609.43	4205791.03	16422.66078	0.00103	0.04920	5.859236-06	1.0324E-03		
610616.43	4205791.03	16267.22722	0.00359	0.04813	5.731816-06	3.5945E-03	610616.43	4205791.03	16267.22722	0.00102	0.04813	5.731816-06	1.0228E-03		
610623.43	4205791.03	16084.54568	0.00355	0.04708	5.606766-06	3.5541E-03	610623.43	4205791.03	16084.54568	0.00101	0.04708	5.606766-06	1.0111E-03		
610630.43	4205791.03	15874.81622	0.00350	0.04603	5.481726-06	3.5077E-03	610630.43	4205791.03	15874.81622	0.00099	0.04603	5.481726-06	9.9782E-04		
610637.43	4205791.03	15638.63447	0.00345	0.04500	5.359066-06	3.4555E-03	610637.43	4205791.03	15638.63447	0.00098	0.04500	5.359066-06	9.8293E-04		
610644.43	4205791.03	15378.8891	0.00339	0.04398	5.237586-06	3.3980E-03	610644.43	4205791.03	15378.8891	0.00096	0.04398	5.237586-06	9.6657E-04		
610658.43	4205791.03	14794.52485	0.00326	0.04200	5.001786-06	3.2667E-03	610658.43	4205791.03	14794.52485	0.00092	0.04200	5.001786-06	9.2918E-04		
610665.43	4205791.03	14452.1943	0.00319	0.04102	4.885086-06	3.1932E-03	610665.43	4205791.03	14452.1943	0.00090	0.04102	4.885086-06	9.0829E-04		
610672.43	4205791.03	14099.13528	0.00311	0.04007	4.771946-06	3.1150E-03	610672.43	4205791.03	14099.13528	0.00088	0.04007	4.771946-06	8.8631E-04		
610679.43	4205791.03	13725.84413	0.00303	0.03913	4.660006-06	3.0328E-03	610679.43	4205791.03	13725.84413	0.00086	0.03913	4.660006-06	8.6267E-04		
610686.43	4205791.03	13335.338	0.00294	0.03821	4.550436-06	2.9465E-03	610686.43	4205791.03	13335.338	0.00083	0.03821	4.550436-06	8.3814E-04		
610693.43	4205791.03	12928.32456	0.00285	0.03731	4.441256-06	2.8568E-03	610693.43	4205791.03	12928.32456	0.00081	0.03731	4.441256-06	8.1268E-04		
610700.43	4205791.03	12507.65767	0.00276	0.03642	4.337266-06	2.7637E-03	610700.43	4205791.03	12507.65767	0.00078	0.03642	4.337266-06	7.8619E-04		
610707.43	4205791.03	12076.17151	0.00266	0.03556	4.234846-06	2.6684E-03	610707.43	4205791.03	12076.17151	0.00075	0.03556	4.234846-06	7.5912E-04		
610714.43	4205791.03	11633.35192	0.00257	0.03471	4.133626-06	2.5706E-03	610714.43	4205791.03	11633.35192	0.00073	0.03471	4.133626-06	7.3134E-04		
610721.43	4205791.03	11182.88822	0.00247	0.03389	4.035966-06	2.4711E-03	610721.43	4205791.03	11182.88822	0.00070	0.03389	4.035966-06	7.0308E-04		
610728.43	4205791.03	10727.92361	0.00237	0.03308	3.939506-06	2.3705E-03	610728.43	4205791.03	10727.92361	0.00067	0.03308	3.939506-06	6.7454E-04		
610735.43	4205791.03	10270.81833	0.00227	0.03230	3.846616-06	2.2697E-03	610735.43	4205791.03	10270.81833	0.00064	0.03230	3.846616-06	6.4588E-04		
611029.43	4205791.03	1240.78712	0.00027	0.01505	1.793316-06	2.7553E-04

610805.43	4205798.03	6158.34018	0.00136	0.02604	3.101111E-06	1.36176-03	610805.43	4205798.03	6158.34018	0.00038	0.02604	3.101111E-06	3.8806E-04		
610812.43	4205798.03	5784.72152	0.00128	0.02548	3.034422E-06	1.27926-03	610812.43	4205798.03	5784.72152	0.00036	0.02548	3.034422E-06	3.6464E-04		
610819.43	4205798.03	5430.13532	0.00120	0.02494	2.970116E-06	1.20096-03	610819.43	4205798.03	5430.13532	0.00034	0.02494	2.970116E-06	3.4241E-04		
610826.43	4205798.03	5094.91868	0.00112	0.02442	2.908188E-06	1.12696-03	610826.43	4205798.03	5094.91868	0.00032	0.02442	2.908188E-06	3.2139E-04		
610833.43	4205798.03	4779.16496	0.00105	0.02392	2.848464E-06	1.05726-03	610833.43	4205798.03	4779.16496	0.00030	0.02392	2.848464E-06	3.0160E-04		
610840.43	4205798.03	4482.88746	0.00099	0.02344	2.791477E-06	9.91786-04	610840.43	4205798.03	4482.88746	0.00028	0.02344	2.791477E-06	2.8352E-04		
610847.43	4205798.03	4205.74134	0.00093	0.02298	2.736698E-06	9.30588-04	610847.43	4205798.03	4205.74134	0.00026	0.02298	2.736698E-06	2.6564E-04		
610854.43	4205798.03	3947.31429	0.00087	0.02253	2.683102E-06	8.73516-04	610854.43	4205798.03	3947.31429	0.00025	0.02253	2.683102E-06	2.4940E-04		
610861.43	4205798.03	3707.01378	0.00082	0.02210	2.631899E-06	8.20456-04	610861.43	4205798.03	3707.01378	0.00023	0.02210	2.631899E-06	2.3436E-04		
610868.43	4205798.03	3484.1276	0.00077	0.02169	2.583060E-06	7.71216-04	610868.43	4205798.03	3484.1276	0.00022	0.02169	2.583060E-06	2.2038E-04		
610875.43	4205798.03	3277.92257	0.00072	0.02129	2.535438E-06	7.25696-04	610875.43	4205798.03	3277.92257	0.00020	0.02129	2.535438E-06	2.0744E-04		
610882.43	4205798.03	3087.46882	0.00068	0.02091	2.490176E-06	6.83636-04	610882.43	4205798.03	3087.46882	0.00019	0.02091	2.490176E-06	1.9549E-04		
610889.43	4205798.03	2911.85841	0.00064	0.02054	2.446115E-06	6.44846-04	610889.43	4205798.03	2911.85841	0.00018	0.02054	2.446115E-06	1.8447E-04		
610910.43	4205798.03	2464.85149	0.00054	0.01951	2.323455E-06	5.46108-04	610910.43	4205798.03	2464.85149	0.00015	0.01951	2.323455E-06	1.5640E-04		
610917.43	4205798.03	2339.32451	0.00052	0.01919	2.285346E-06	5.1837E-04	610917.43	4205798.03	2339.32451	0.00015	0.01919	2.285346E-06	1.4852E-04		
610924.43	4205798.03	2224.08538	0.00049	0.01888	2.248642E-06	4.92916-04	610924.43	4205798.03	2224.08538	0.00014	0.01888	2.248642E-06	1.4128E-04		
610931.43	4205798.03	2118.24903	0.00047	0.01858	2.212696E-06	4.6953E-04	610931.43	4205798.03	2118.24903	0.00013	0.01858	2.212696E-06	1.3462E-04		
610938.43	4205798.03	2021.01737	0.00045	0.01829	2.178166E-06	4.4804E-04	610938.43	4205798.03	2021.01737	0.00013	0.01829	2.178166E-06	1.2851E-04		
610945.43	4205798.03	1931.70826	0.00043	0.01802	2.146606E-06	4.2831E-04	610945.43	4205798.03	1931.70826	0.00012	0.01802	2.146606E-06	1.2290E-04		
610952.43	4205798.03	1849.51626	0.00041	0.01775	2.113855E-06	4.1014E-04	610952.43	4205798.03	1849.51626	0.00012	0.01775	2.113855E-06	1.1773E-04		
610959.43	4205798.03	1773.89374	0.00039	0.01748	2.081709E-06	3.9343E-04	610959.43	4205798.03	1773.89374	0.00011	0.01748	2.081709E-06	1.1297E-04		
610966.43	4205798.03	1704.19475	0.00038	0.01723	2.051926E-06	3.7802E-04	610966.43	4205798.03	1704.19475	0.00011	0.01723	2.051926E-06	1.0858E-04		
610973.43	4205798.03	1639.8655	0.00036	0.01698	2.022155E-06	3.6380E-04	610973.43	4205798.03	1639.8655	0.00010	0.01698	2.022155E-06	1.0453E-04		
610980.43	4205798.03	1580.46902	0.00035	0.01674	1.993576E-06	3.5060E-04	610980.43	4205798.03	1580.46902	0.00010	0.01674	1.993576E-06	1.0079E-04		
610987.43	4205798.03	1525.45088	0.00034	0.01651	1.966188E-06	3.3850E-04	610987.43	4205798.03	1525.45088	0.00010	0.01651	1.966188E-06	9.7322E-05		
610994.43	4205798.03	1474.5015	0.00033	0.01629	1.939988E-06	3.2724E-04	610994.43	4205798.03	1474.5015	0.00009	0.01629	1.939988E-06	9.4111E-05		
611001.43	4205798.03	1427.18492	0.00031	0.01607	1.913778E-06	3.1677E-04	611001.43	4205798.03	1427.18492	0.00009	0.01607	1.913778E-06	9.1127E-05		
611008.43	4205798.03	1383.16901	0.00031	0.01585	1.887588E-06	3.0703E-04	611008.43	4205798.03	1383.16901	0.00009	0.01585	1.887588E-06	8.8350E-05		
611015.43	4205798.03	1342.11726	0.00030	0.01564	1.862576E-06	2.9795E-04	611015.43	4205798.03	1342.11726	0.00008	0.01564	1.862576E-06	8.5759E-05		
611022.43	4205798.03	1303.81632	0.00029	0.01544	1.838875E-06	2.8948E-04	611022.43	4205798.03	1303.81632	0.00008	0.01544	1.838875E-06	8.3341E-05		
611029.43	4205798.03	1267.966	0.00028	0.01524	1.814938E-06	2.8155E-04	611029.43	4205798.03	1267.966	0.00008	0.01524	1.814938E-06	8.1076E-05		
611036.43	4205798.03	1234.33161	0.00027	0.01505	1.793315E-06	2.7410E-04	611036.43	4205798.03	1234.33161	0.00008	0.01505	1.793315E-06	7.8951E-05		
611043.43	4205798.03	1202.72934	0.00027	0.01486	1.769688E-06	2.6711E-04	611043.43	4205798.03	1202.72934	0.00008	0.01486	1.769688E-06	7.6953E-05		
611050.43	4205798.03	1172.99256	0.00026	0.01468	1.746824E-06	2.6053E-04	611050.43	4205798.03	1172.99256	0.00007	0.01468	1.746824E-06	7.5072E-05		
611057.43	4205798.03	1144.90795	0.00025	0.01450	1.72681E-06	2.5431E-04	611057.43	4205798.03	1144.90795	0.00007	0.01450	1.72681E-06	7.3295E-05		
611064.43	4205798.03	1118.35769	0.00025	0.01432	1.70537E-06	2.4843E-04	611064.43	4205798.03	1118.35769	0.00007	0.01432	1.70537E-06	7.1614E-05		
611071.43	4205798.03	1093.20656	0.00024	0.01415	1.685138E-06	2.4286E-04	611071.43	4205798.03	1093.20656	0.00007	0.01415	1.685138E-06	7.0022E-05		
611078.43	4205798.03	1069.33462	0.00024	0.01398	1.664888E-06	2.3757E-04	611078.43	4205798.03	1069.33462	0.00007	0.01398	1.664888E-06	6.8509E-05		
611085.43	4205798.03	1046.66128	0.00023	0.01381	1.644638E-06	2.3255E-04	611085.43	4205798.03	1046.66128	0.00007	0.01381	1.644638E-06	6.7072E-05		
611092.43	4205798.03	1025.0513	0.00023	0.01365	1.625588E-06	2.2777E-04	611092.43	4205798.03	1025.0513	0.00006	0.01365	1.625588E-06	6.5702E-05		
610294.43	4205805.03	8217.56018	0.00181	0.10291	1.225568E-05	1.8252E-03	610294.43	4205805.03	8217.56018	0.00051	0.10291	1.225568E-05	5.2594E-04		
610301.43	4205805.03	8449.44538	0.00186	0.10201	1.214684E-05	1.8762E-03	610301.43	4205805.03	8449.44538	0.00053	0.10201	1.214684E-05	5.4032E-04		
610308.43	4205805.03	8688.00274	0.00192	0.10130	1.206388E-05	1.9288E-03	610308.43	4205805.03	8688.00274	0.00054	0.10130	1.206388E-05	5.5515E-04		
610315.43	4205805.03	8953.47719	0.00198	0.10037	1.195315E-05	1.9872E-03	610315.43	4205805.03	8953.47719	0.00056	0.10037	1.195315E-05	5.7164E-04		
610322.43	4205805.03	9204.29096	0.00203	0.09944	1.184235E-05	2.0424E-03	610322.43	4205805.03	9204.29096	0.00058	0.09944	1.184235E-05	5.8720E-04		
610329.43	4205805.03	9460.98946	0.00209	0.09847	1.172686E-05	2.0990E-03	610329.43	4205805.03	9460.98946	0.00059	0.09847	1.172686E-05	6.0314E-04		
610336.43	4205805.03	9724.23383	0.00215	0.09748	1.160890E-05	2.1568E-03	610336.43	4205805.03	9724.23383	0.00061	0.09748	1.160890E-05	6.1947E-04		
610343.43	4205805.03	9993.26999	0.00220	0.09649	1.149105E-05	2.2161E-03	610343.43	4205805.03	9993.26999	0.00062	0.09649	1.149105E-05	6.3617E-04		
610350.43	4205805.03	10268.64822	0.00227	0.09547	1.136955E-05	2.2768E-03	610350.43	4205805.03	10268.64822	0.00064	0.09547	1.136955E-05	6.5326E-04		
610357.43	4205805.03	10549.4495	0.00233	0.09443	1.124575E-05	2.3388E-03	610357.43	4205805.03	10549.4495	0.00066	0.09443	1.124575E-05	6.7069E-04		
610364.43	4205805.03	10836.35242	0.00239	0.09334	1.111595E-05	2.4018E-03	610364.43	4205805.03	10836.35242	0.00068	0.09334	1.111595E-05	6.8850E-04		
610371.43	4205805.03	11128.12953	0.00246	0.09223	1.098375E-05	2.4660E-03	610371.43	4205805.03	11128.12953	0.00070	0.09223	1.098375E-05	7.0661E-04		
610378.43	4205805.03	11425.59614	0.00252	0.09111	1.085035E-05	2.5315E-03	610378.43	4205805.03	11425.59614	0.00071	0.09111	1.085035E-05	7.2507E-04		
610385.43	4205805.03	11727.21596	0.00259	0.08998	1.071575E-05	2.5979E-03	610385.43	4205805.03	11727.21596	0.00073	0.08998	1.071575E-05	7.4379E-04		
610392.43	4205805.03	12033.36045	0.00265	0.08883	1.057885E-05	2.6653E-03	610392.43	4205805.03	12033.36045	0.00075	0.08883	1.057885E-05	7.6278E-04		
610399.43	4205805.03	12343.67912	0.00272	0.08768	1.044185E-05	2.7336E-03	610399.43	4205805.03	12343.67912	0.00077	0.08768	1.044185E-05	7.8205E-04		
610406.43	4205805.03	12657.03603	0.00279	0.08651	1.030255E-05	2.8026E-03	610406.43	4205805.03	12657.03603	0.00079	0.08651	1.030255E-05	8.0150E-04		
610413.43	4205805.03	12973.49437	0.00286	0.08534	1.016325E-05	2.8723E-03	610413.43	4205805.03	12973.49437	0.00081	0.08534	1.016325E-05	8.2114E-04		
610420.43	4205805.03	13291.588	0.00293	0.08416	1.002266E-05	2.9423E-03	610420.43	4205805.03	13291.588	0.00083	0.08416	1.002266E-05	8.4088E-04		
610427.43	4205805.03	13611.31947	0.00300	0.08297	9.880501E-06	3.0127E-03	610427.43	4205805.03	13611.31947	0.00085	0.08297	9.880501E-06	8.6073E-04		
610434.43	4205805.03	13931.12192	0.00307	0.08178	9.739195E-06	3.0831E-03	610434.43	4205805.03	13931.12192	0.00087	0.08178	9.739195E-06	8.8058E-04		
610441.43	4205805.03	14250.78094	0.00314	0.08058	9.596286E-06	3.1535E-03	610441.43	4205805.03	14250.78094	0.00089	0.08058	9.596286E-06	9.0042E-04		
610448.43	4205805.03	14568.31717	0.00321	0.07937	9.452188E-06	3.2244E-03	610448.43	4205805.03	14568.31717	0.00091	0.07937	9.452188E-06	9.2012E-04		
610455.43	4205805.03	14883.59407	0.00328	0.07817	9.309276E-06	3.2928E-03	610455.43	4205805.03	14883.59407	0.00093	0.07817	9.309276E-06	9.3969E-04		
610462.43	4205805.03	15194.42712	0.00335	0.07696	9.165188E-06	3.3613E-03	610462.43	4205805.03	15194.42712	0.00095	0.07696	9.165188E-06	9.5897E-04		
610469.43	4205805.03	15500.44675	0.00342	0.07574	9.019898E-06	3.4286E-03	610469.43	4205805.03	15500.44675	0.00097	0.07574	9.019898E-06	9.7796E-04		
610476.43	4205805.03	15799.10468	0.00349	0.07451	8.873406E-06	3.4944E-03	610476.43	4205805.03	15799.10468	0.00099	0.07451	8.873406E-06	9.9648E-04		
610483.43	4205805.03	16090.24612	0.00355	0.07328	8.726026E-06	3.5585E-03	610483.43	4205805.03	16090.24612	0.00101	0.07328	8.726026E-06	1.0145E-03		
610490.43	4205805.03	16370.92159	0.00361	0.07205	8.580446E-06	3.6202E-03	610490.43	4205805.03	16370.92159	0.00102	0.07205	8.580446E-06	1.0319E-03		
610504.43	4205805.03	16889.05247	0.00373	0.06953	8.280345E-06	3.7342E-03	610504.43	4205805.03	16889.05247	0.00106	0.06953	8.280345E-06	1.0640E-03		
610511.43	4205805.03	17126.08478	0.00378	0.06827	8.13038E-06	3.7864E-03	610511.43	4205805.03	17126.08478	0.00107	0.06827	8.13038E-06	1.0798E-03		
610518.43	4205805.03	17347.04965	0.00383	0.06701	7.980238E-06	3.8350E-03	610518.43	4205805.03	17347.04965	0.00108	0.06701	7.980238E-06	1.0923E-03		
610525.43	4205805.03	17549.5892	0.00387	0.06576	7.831376E-06	3.8795E-03	610525.43	4205805.03	17549.5892	0.00110	0.06576	7.831376E-06	1.1049E-03		
610532.43	4205805.03	17732.06208	0.00391	0.06451	7.68258E-06	3.9196E-03	610532.43	4205805.03	17732.06208	0.00111	0.06451	7.68258E-06	1.1163E-03		
610539.43	4205805.03	17892.75794	0.00395	0.06327	7.534383E-06	3.9549E-03	610539.43	4205805.03	17892.75794	0.00112	0.06327	7.534383E-06	1.1260E-03		
610546.43	4205805.03	18029.46656	0.00398	0.06202	7.385097E-06	3.9849E-03	610546.43	4205805.03	18029.46656	0.00113	0.06202	7.385097E-06	1.1344E-03		
610553.43	4205805.03	18141.85643	0.00400	0.06079	7.239498E-06	4.0096E-03	610553.43	4205805.03	18141.85643	0.00113	0.06079	7.239498E-06	1.1413E-03		
610560.43	4205805.03	18227.70469	0.00402	0.05957	7.09420E-06	4.0284E-03	610560.43	4205805.03	18227.70469	0.00114	0.05957	7.09420E-06	1.1465E-03		
610567.43	4205805.03	18287.68703	0.00403	0.05836	6.950108E-06	4.0415E-03	610567.43	4205805.03	18287.68703	0.00114	0.05836	6.950108E-06	1.1501E-03		
610574.43	4205805.03	18320.52614	0.00404	0.05717	6.808388E-06	4.0486E-03	610574.43	4205805.03	18320.52614	0.00115	0.05717	6.808388E-06	1.1520E-03		
610581.43	4205805.03	18322.77975	0.00404	0.05598	6.666666E-06	4.0488E-03	610581.43	4205805.03	18322.77975	0.00115	0.05598	6.666666E-06	1.1520E-03		
610588.43	4205805.03	18294.88798	0.00404	0.05480	6.526146E-06	4.0426E-03	610588.43	4205805.03	18294.88798	0.00114	0.05480	6.526146E-06	1.1501E-03		
610595.43	4205805.03	18234.59678	0.00402	0.05363	6.386808E-06	4.0292E-03	610595.43	4205805.03	18234.59678	0.00114	0.05363	6.386808E-06	1.1462E-03		
610602.43	4205805.03	18142.79215	0.00400	0.05248	6.249805E-06	4.0088E-03	610602.43	4205805.03	18142.79215	0.00113	0.05248	6.249805E-06	1.1404E-03		
610609.43	4205805.03	18018.36981	0.00398	0.05133	6.11290E-06	3.9812E-03	610609.43	4205805.03	18018.36981	0.00113	0.05133	6.11290E-06	1.1324E-03		
610616.43	4205805.03	17860.56784	0.00394	0.05020	5.97832E-06	3.9463E-03	610616.43	4205805.03	17860.56784	0.00112	0.05020	5.97832E-06	1.1224E-03		
610623.43	4205805.03	17670.52728	0.00390	0.04907	5.843756E-06	3.9042E-03	610623.43	4205805.03	17670.52728	0.00110	0.04907	5.843756E-06	1.1104E-03		
610630.43	4205805.03	17447.26828	0.00385	0.04796	5.71156E-06	3.8548E-03	610630.43	4205805.03	17447.26828	0.00109	0.04796	5.71156E-06	1.0963E-03		
610637.43	4205805.03	17192.42803	0.00379	0.04687	5.581756E-06	3.7985E-03	610637.43	4205805.03	17192.42803	0.00107	0.04687	5.581756E-06	1.0803E-03		
610644.43	4205805.03	16906.94813	0.00373	0.04579	5.453144E-06	3.7354E-03	610644.43	4205805.03	16906.94813	0.00106	0.04579	5.453144E-06	1.0623E-03		
610665.43	4205805.03	15874.61752	0.00350	0.04264	5.07800E-06	3.5072E-03	610665.43	4205805.03	15874.61752	0.00099	0.04264	5.07800E-06	9.9740E-04		
610672.43	4205805.03	15476.28535	0.00341	0.04163	4.957726E-06	3.4192E-03	610672.43	4205805.03	15476.28535	0.00097	0.04163	4.957726E-06	9.7238E-04		
610679.43	4205805.03	15054.25353	0.00332	0.04063	4.838636E-06	3.3260E-03	610679.43	4205805.03	15054.25353	0.00094	0.04063	4.838636E-06	9.4588E-04		
610686.43	4205805.03	14611.81049	0.00322	0.03966	4.723311E-06	3.2281E-03	610686.43	4205805.03	14611.81049	0.00091	0.03966	4.723311E-06	9.1811E-04		
610693.43	4205805.03	14149.88141	0.00312	0.03870	4.608795E-06	3.1263E-03	610693.43	4205805.03	14149.88141	0.00088	0.03870	4.608795E-06	8.8912E-04		
610700.43	4205805.03	13672.59975	0.00302	0.03777	4.498038E-06	3.0209E-03	610700.43	4205805.03	13672.59975	0.00085	0.03777	4.498038E-06	8.5917E-04		
610707.43	4205805.03	13181.34832	0.00291	0.03685	4.388479E-06	2.9124E-03	610707.43	4205805.03	13181.34832	0.00082	0.03685	4.388479E-06	8.2836E-04		
610714.43	4205805.03	12679.78958	0.00280	0.03596	4.282488E-06	2.8016E-03	610714.43	4205805.03	12679.78958	0.00079	0.03596	4.282488E-06	7.9690E-04		
610721.43	4205805.03	12169.0069	0.00268	0.03509	4.178878E-06	2.6886E-03	610721.43	4205805.03	12169.0069	0.00076	0.03509	4.178878E-06	7.6487E-04		
610728.43	4205805.03	11648.71824	0.00257	0.03424	4.077656E-06	2.5739E-03	610728.43	4205805.03	11648.71824	0.00073	0.03424	4.077656E-06	7.3224E-04		
610735.43	4205805.03	11124.32965	0.00245	0.03341	3.978808E-06	2.4582E-03	610735.43	4205805.03	11124.32965	0.00070	0.03341	3.978808E-06	6.9936E-04		
610763.43	4205805.03	9060.65363	0.00200	0.03034	3.613198E-06	2.0025E-03	610763.43	4205805.03	9060.65363	0.00057	0.03034	3.613198E-06	5.7000E-04		
610770.43	4205805.03	8566.28791	0.00189	0.02963	3.528464E-06	1.8934E-03	610770.43	4205805.03	8566.28791	0.00054	0.02963	3.528464E-06	5.3901E-04		
610777.43	4205805.03	8084.96007	0.00178	0.02895	3.447666E-06	1.7871E-03	610777.43	4205805.03	8084.96007	0.00051	0.02895	3.447666E-06	5.0884E-04		
610784.43	4205805.03	7618.83081	0.00168	0.02828	3.367876E-06	1.6842E-03	610784.43	4205805.03	7618.83081	0.00048	0.02828	3.367876E-06	4.7962E-04		
610791.43	4205805.03	7169.62403	0.00158	0.02764	3.291655E-06	1.5850E-03	610791.43	4205805.03	7169.62403	0.00045	0.02764	3.291655E-06	4.5147E-04		
610798.43	4205805.03	6738.62187	0.00149	0.02703	3.219016E-06	1.4899E-03	610798.43	4205805.03	6738.62187	0.00042	0.02703	3.219016E-06	4.2449E-04		
610805.43	4205805.03	6326.91527	0.00140	0.02643	3.147555E-06	1.3990E-03	610805.43	4205805.03	6326.91527	0.00040	0.02643	3.147555E-06	3.9864E-04		
610812.43	4205805.03	5935.40155	0.00131	0.02586	3.079676E-06	1.3125E-03	610812.43	4205805.03	5935.40155	0.00037	0.02586	3.079676E-06	3.7410E-04		
610819.43	4205805.03	5564.71722	0.00123	0.02531	3.014176E-06	1.2307E-03	610819.43	4205805.03	5564.71722	0.00035	0.02531	3.014176E-06	3.5087E-04		
610826.43	4205805.03	5215.04416	0.00115	0.02478	2.951056E-06	1.1535E-03	610826.43	4205805.03	5215.04416	0.00033	0.02478	2.951056E-06	3.2894E-04		
610833.43	4205805.03	4886.4068	0.00108	0.02427	2.893032E-06	1.0809E-03	610833.43	4205805.03	4886.4068	0.00031	0.02427	2.893032E-06	3.0834E-04		
610840.43	4205805.03	4578.81238	0.00101	0.02378	2.831366E-06	1.0130E-03	610840.43	4205805.03	4578.81238	0.00029	0.02378	2.831366E-06	2.8906E-04		
610847.43	4205805.03	4291.78712	0.00095	0.02331	2.775996E-06	9.49606-04	610847.43	4205805.03	4291.78712	0.00027	0.02331	2.775996E-06	2.7106E-04		
610854.43	4205805.03	4024.72887	0.00089	0.02286	2.722405E-06	8.90616-04	610854.43	4205805.03	4024.72887	0.00025	0.02286	2.722405E-06	2.5431E-04		
610861.43	4205805.03	3777.04397	0.00083	0.02242	2.670006E-06	8.3594E-04	610861.43	4205805.03	3777.04397	0.00024	0.02242	2.670006E-06	2.3877E-04		
610868.43	4205805.03	3547.82607	0.00078	0.02200	2.619988E-06	7.8532E-04	610868.43	4205805.03	3547.82607	0.00022	0.02200	2.619988E-06	2.2440E-04		
610875.43	4205805.03	3336.24246	0.00074	0.02159	2.571166E-06	7.3859E-04	610875.43	4205805.03	3336.24246	0.00021	0.02159	2.571166E-06	2.1112E-04		
610882.43	4205805.03	3141.25185	0.00069	0.02120	2.524716E-06	6.9553E-04	610882.43	4205805.03	3141.25185	0.00020	0.02120	2.524716E-06	1.9888E-04		
610889.43	4205805.03	2961.81092	0.00065	0.02083	2.480655E-06	6.5592E-04	610889.43	4205805.03	2961.81092	0.00019	0.02083	2.480655E-06	1.8762E-04		
610910.43	4205805.03	2506.67024	0.00055	0.01978	2.355606E-06	5.5536E-04	610910.43	4205805.03	2506.67024	0.00016	0.01978	2.355606E-06	1.5905E-04		
610917.43	4205805.03	2379.2897	0.00052	0.01945	2.316306E-06	5.2722E-04	610917.43	4205805.03	2379.2897	0.00015	0.01945	2.316306E-06	1.5105E-04		
610924.43	4205805.03	2262.49648	0.00050	0.01914	2.279388E-06	5.0142E-04	610924.43	4205805.03	2262.49648	0.00014	0.01914	2.279388E-06	1.4371E-04		
610931.43	4205805.03	2155.32963	0.00048	0.01884	2.243666E-06	4.7774E-04	610931.43	4205805.03	2155.32963	0.00013	0.01884	2.243666E-06	1.3697E-04		
610938.43	4205805.03	2057.01395	0.00045	0.01854	2.207931E-06	4.5601E-04	610938.43	4205805.03	2057.01395	0.00013	0.01854	2.207931E-06	1.3079E-04		
610945.43	4205805.03	1966.705	0.00043	0.01826	2.174595E-06	4.3606E-04	610945.43	4205805.03	1966.705	0.00012	0.01826	2.174595E-06	1.2511E-04		
610952.43	4205805.03	1883.73389	0.00042	0.01798	2.141246E-06	4.1772E-04	610952.43	4205805.03	1883.73389	0.00012	0.01798	2.141246E-06	1.1989E-04		
610959.43	4205805.03	1807.38108	0.00040	0.01772	2.110286E-06	4.0084E-04	610959.43	4205805.03	1807.38108	0.00011	0.01772	2.110286E-06	1.1509E-04		
610966.43	4205805.03	1737.09668	0.00038	0.01746	2.079316E-06	3.8531E-04	610966.43	4205805.03	1737.09668	0.00011	0.01746	2.079316E-06	1.1067E-04		
610973.43	4205805.03	1672.22064	0.00037	0.01721	2.049546E-06	3.7096E-04	610973.43	4205805.03	1672.22064	0.00010	0.01721	2.049546E-06	1.0658E-04		
610980.43	4205805.03	1612.29028	0.00036	0.01697	2.020968E-06	3.5773E-04	610980.43	4205805.03	1612.29028	0.00010	0.01697	2.020968E-06	1.0281E-04		
610987.43	4205805.03	1556.86219	0.00034	0.01673	1.992388E-06	3.4546E-04	610987.43	4205805.03	1556.86219	0.00010	0.01673	1.992388E-06	9.9312E-05		
610994.43	4205805.03	1505.42352	0.00033	0.01650	1.964996E-06	3.3408E-04	610994.43	4205805.03	1505.42352	0.00009	0.01650	1.964996E-06	9.6069E-05		
611001.43	4205805.03	1457.69495	0.00032	0.01628	1.938778E-06	3.2353E-04	611001.43	4205805.03	1457.69495	0.00009	0.01628	1.938778E-06	9.3060E-05		
611008.43	4205805.03	1413.25414	0.00031	0.01606	1.912596E-06	3.1370E-04	611008.43	4205805.03	1413.25414	0.00009	0.01606	1.912596E-06	9.0255E-05		
611015.43	4205805.03	1371.82434	0.00030

610784.43	4205812.03	7863.10284	0.00173	0.02873	3.42146E-06	1.7381E-03	610784.43	4205812.03	7863.10284	0.00049	0.02873	3.42146E-06	4.9495E-04		
610791.43	4205812.03	7889.02612	0.00163	0.02808	3.34405E-06	1.6335E-03	610791.43	4205812.03	7889.02612	0.00046	0.02808	3.34405E-06	4.6523E-04		
610798.43	4205812.03	6935.14125	0.00153	0.02745	3.26902E-06	1.5331E-03	610798.43	4205812.03	6935.14125	0.00043	0.02745	3.26902E-06	4.3679E-04		
610805.43	4205812.03	6502.52049	0.00143	0.02684	3.19638E-06	1.4377E-03	610805.43	4205812.03	6502.52049	0.00041	0.02684	3.19638E-06	4.0967E-04		
610812.43	4205812.03	6092.10131	0.00134	0.02626	3.12731E-06	1.3471E-03	610812.43	4205812.03	6092.10131	0.00038	0.02626	3.12731E-06	3.8395E-04		
610819.43	4205812.03	5704.34041	0.00126	0.02569	3.05943E-06	1.2615E-03	610819.43	4205812.03	5704.34041	0.00036	0.02569	3.05943E-06	3.5964E-04		
610826.43	4205812.03	5339.42256	0.00118	0.02515	2.99512E-06	1.1809E-03	610826.43	4205812.03	5339.42256	0.00033	0.02515	2.99512E-06	3.3676E-04		
610833.43	4205812.03	4997.41849	0.00110	0.02463	2.93319E-06	1.1054E-03	610833.43	4205812.03	4997.41849	0.00031	0.02463	2.93319E-06	3.1532E-04		
610840.43	4205812.03	4678.06894	0.00103	0.02413	2.87364E-06	1.0349E-03	610840.43	4205812.03	4678.06894	0.00029	0.02413	2.87364E-06	2.9530E-04		
610847.43	4205812.03	4380.77652	0.00097	0.02365	2.81648E-06	9.6928E-04	610847.43	4205812.03	4380.77652	0.00027	0.02365	2.81648E-06	2.7666E-04		
610854.43	4205812.03	4104.90087	0.00091	0.02319	2.76170E-06	9.0836E-04	610854.43	4205812.03	4104.90087	0.00026	0.02319	2.76170E-06	2.5936E-04		
610861.43	4205812.03	3849.60827	0.00085	0.02274	2.70811E-06	8.5198E-04	610861.43	4205812.03	3849.60827	0.00024	0.02274	2.70811E-06	2.4335E-04		
610868.43	4205812.03	3613.93857	0.00080	0.02231	2.65690E-06	7.9994E-04	610868.43	4205812.03	3613.93857	0.00023	0.02231	2.65690E-06	2.2856E-04		
610875.43	4205812.03	3396.85112	0.00075	0.02190	2.60807E-06	7.5200E-04	610875.43	4205812.03	3396.85112	0.00021	0.02190	2.60807E-06	2.1495E-04		
610882.43	4205812.03	3197.25987	0.00071	0.02150	2.56044E-06	7.0792E-04	610882.43	4205812.03	3197.25987	0.00020	0.02150	2.56044E-06	2.0242E-04		
610889.43	4205812.03	3011.9884	0.00066	0.02112	2.51518E-06	6.6744E-04	610889.43	4205812.03	3011.9884	0.00019	0.02112	2.51518E-06	1.9092E-04		
610910.43	4205812.03	2550.65543	0.00056	0.02005	2.38776E-06	5.6510E-04	610910.43	4205812.03	2550.65543	0.00016	0.02005	2.38776E-06	1.6183E-04		
610917.43	4205812.03	2421.46789	0.00053	0.01972	2.34846E-06	5.3656E-04	610917.43	4205812.03	2421.46789	0.00015	0.01972	2.34846E-06	1.5371E-04		
610924.43	4205812.03	2303.05943	0.00051	0.01940	2.31035E-06	5.1040E-04	610924.43	4205812.03	2303.05943	0.00014	0.01940	2.31035E-06	1.4628E-04		
610931.43	4205812.03	2194.62377	0.00048	0.01910	2.27462E-06	4.8644E-04	610931.43	4205812.03	2194.62377	0.00014	0.01910	2.27462E-06	1.3946E-04		
610938.43	4205812.03	2095.20403	0.00046	0.01880	2.23889E-06	4.6447E-04	610938.43	4205812.03	2095.20403	0.00013	0.01880	2.23889E-06	1.3321E-04		
610945.43	4205812.03	2003.96621	0.00044	0.01851	2.20436E-06	4.4431E-04	610945.43	4205812.03	2003.96621	0.00013	0.01851	2.20436E-06	1.2747E-04		
610952.43	4205812.03	1920.1709	0.00042	0.01823	2.17101E-06	4.2579E-04	610952.43	4205812.03	1920.1709	0.00012	0.01823	2.17101E-06	1.2220E-04		
610959.43	4205812.03	1843.08753	0.00041	0.01796	2.13886E-06	4.0875E-04	610959.43	4205812.03	1843.08753	0.00012	0.01796	2.13886E-06	1.1735E-04		
610966.43	4205812.03	1772.12789	0.00039	0.01770	2.10790E-06	3.9306E-04	610966.43	4205812.03	1772.12789	0.00011	0.01770	2.10790E-06	1.1288E-04		
610973.43	4205812.03	1706.7021	0.00038	0.01744	2.07691E-06	3.7860E-04	610973.43	4205812.03	1706.7021	0.00011	0.01744	2.07691E-06	1.0876E-04		
610980.43	4205812.03	1646.24358	0.00036	0.01719	2.04716E-06	3.6528E-04	610980.43	4205812.03	1646.24358	0.00010	0.01719	2.04716E-06	1.0495E-04		
610987.43	4205812.03	1590.28353	0.00035	0.01695	2.01858E-06	3.5286E-04	610987.43	4205812.03	1590.28353	0.00010	0.01695	2.01858E-06	1.0143E-04		
610994.43	4205812.03	1538.41058	0.00034	0.01672	1.99119E-06	3.4138E-04	610994.43	4205812.03	1538.41058	0.00010	0.01672	1.99119E-06	9.8158E-05		
611001.43	4205812.03	1490.18896	0.00033	0.01649	1.96380E-06	3.3072E-04	611001.43	4205812.03	1490.18896	0.00009	0.01649	1.96380E-06	9.5116E-05		
611008.43	4205812.03	1445.31619	0.00032	0.01627	1.93760E-06	3.2079E-04	611008.43	4205812.03	1445.31619	0.00009	0.01627	1.93760E-06	9.2281E-05		
611015.43	4205812.03	1403.44765	0.00031	0.01605	1.91140E-06	3.1153E-04	611015.43	4205812.03	1403.44765	0.00009	0.01605	1.91140E-06	8.9641E-05		
611022.43	4205812.03	1364.32053	0.00030	0.01584	1.88639E-06	3.0287E-04	611022.43	4205812.03	1364.32053	0.00009	0.01584	1.88639E-06	8.7170E-05		
611029.43	4205812.03	1327.62359	0.00029	0.01564	1.86257E-06	2.9475E-04	611029.43	4205812.03	1327.62359	0.00008	0.01564	1.86257E-06	8.4853E-05		
611036.43	4205812.03	1293.17262	0.00029	0.01544	1.83875E-06	2.8713E-04	611036.43	4205812.03	1293.17262	0.00008	0.01544	1.83875E-06	8.2675E-05		
611043.43	4205812.03	1260.78056	0.00028	0.01524	1.81493E-06	2.7996E-04	611043.43	4205812.03	1260.78056	0.00008	0.01524	1.81493E-06	8.0627E-05		
611050.43	4205812.03	1230.2421	0.00027	0.01505	1.79231E-06	2.7320E-04	611050.43	4205812.03	1230.2421	0.00008	0.01505	1.79231E-06	7.8695E-05		
611057.43	4205812.03	1201.39248	0.00027	0.01486	1.76968E-06	2.6681E-04	611057.43	4205812.03	1201.39248	0.00008	0.01486	1.76968E-06	7.6809E-05		
611064.43	4205812.03	1174.07697	0.00026	0.01468	1.74824E-06	2.6077E-04	611064.43	4205812.03	1174.07697	0.00007	0.01468	1.74824E-06	7.5140E-05		
611071.43	4205812.03	1148.16682	0.00025	0.01450	1.72685E-06	2.5503E-04	611071.43	4205812.03	1148.16682	0.00007	0.01450	1.72685E-06	7.3499E-05		
611078.43	4205812.03	1123.54341	0.00025	0.01433	1.70656E-06	2.4958E-04	611078.43	4205812.03	1123.54341	0.00007	0.01433	1.70656E-06	7.1939E-05		
611085.43	4205812.03	1100.1195	0.00024	0.01415	1.68513E-06	2.4439E-04	611085.43	4205812.03	1100.1195	0.00007	0.01415	1.68513E-06	7.0454E-05		
611092.43	4205812.03	1077.75369	0.00024	0.01398	1.66488E-06	2.3943E-04	611092.43	4205812.03	1077.75369	0.00007	0.01398	1.66488E-06	6.9035E-05		
610294.43	4205819.03	8353.51542	0.00184	0.10817	1.28820E-05	1.8558E-03	610294.43	4205819.03	8353.51542	0.00052	0.10817	1.28820E-05	5.3506E-04		
610301.43	4205819.03	8599.46071	0.00190	0.10747	1.27986E-05	1.9100E-03	610301.43	4205819.03	8599.46071	0.00054	0.10747	1.27986E-05	5.5035E-04		
610308.43	4205819.03	8874.36456	0.00196	0.10655	1.26891E-05	1.9705E-03	610308.43	4205819.03	8874.36456	0.00055	0.10655	1.26891E-05	5.6743E-04		
610315.43	4205819.03	9134.72396	0.00202	0.10558	1.25735E-05	2.0278E-03	610315.43	4205819.03	9134.72396	0.00057	0.10558	1.25735E-05	5.8359E-04		
610322.43	4205819.03	9402.20765	0.00207	0.10458	1.24544E-05	2.0867E-03	610322.43	4205819.03	9402.20765	0.00059	0.10458	1.24544E-05	6.0019E-04		
610329.43	4205819.03	9677.48385	0.00213	0.10359	1.23365E-05	2.1473E-03	610329.43	4205819.03	9677.48385	0.00060	0.10359	1.23365E-05	6.1728E-04		
610336.43	4205819.03	9959.9206	0.00220	0.10256	1.22139E-05	2.2095E-03	610336.43	4205819.03	9959.9206	0.00062	0.10256	1.22139E-05	6.3481E-04		
610343.43	4205819.03	10250.18029	0.00226	0.10153	1.20912E-05	2.2734E-03	610343.43	4205819.03	10250.18029	0.00064	0.10153	1.20912E-05	6.5283E-04		
610350.43	4205819.03	10547.48273	0.00233	0.10041	1.19578E-05	2.3389E-03	610350.43	4205819.03	10547.48273	0.00066	0.10041	1.19578E-05	6.7128E-04		
610357.43	4205819.03	10852.53134	0.00239	0.09929	1.18245E-05	2.4068E-03	610357.43	4205819.03	10852.53134	0.00068	0.09929	1.18245E-05	6.9022E-04		
610364.43	4205819.03	11164.43192	0.00246	0.09814	1.16875E-05	2.4747E-03	610364.43	4205819.03	11164.43192	0.00070	0.09814	1.16875E-05	7.0958E-04		
610371.43	4205819.03	11483.19586	0.00253	0.09698	1.15494E-05	2.5450E-03	610371.43	4205819.03	11483.19586	0.00072	0.09698	1.15494E-05	7.2940E-04		
610378.43	4205819.03	11809.49861	0.00260	0.09581	1.14100E-05	2.6167E-03	610378.43	4205819.03	11809.49861	0.00074	0.09581	1.14100E-05	7.4962E-04		
610385.43	4205819.03	12141.85007	0.00268	0.09462	1.12683E-05	2.6899E-03	610385.43	4205819.03	12141.85007	0.00076	0.09462	1.12683E-05	7.7026E-04		
610392.43	4205819.03	12480.78862	0.00275	0.09342	1.11254E-05	2.7646E-03	610392.43	4205819.03	12480.78862	0.00078	0.09342	1.11254E-05	7.9106E-04		
610399.43	4205819.03	12825.13113	0.00283	0.09220	1.09801E-05	2.8404E-03	610399.43	4205819.03	12825.13113	0.00080	0.09220	1.09801E-05	8.1268E-04		
610406.43	4205819.03	13175.28587	0.00291	0.09098	1.08348E-05	2.9175E-03	610406.43	4205819.03	13175.28587	0.00082	0.09098	1.08348E-05	8.3442E-04		
610413.43	4205819.03	13529.66078	0.00298	0.08975	1.06883E-05	2.9955E-03	610413.43	4205819.03	13529.66078	0.00085	0.08975	1.06883E-05	8.5643E-04		
610420.43	4205819.03	13888.6286	0.00306	0.08851	1.05407E-05	3.0746E-03	610420.43	4205819.03	13888.6286	0.00087	0.08851	1.05407E-05	8.7872E-04		
610427.43	4205819.03	14250.39882	0.00314	0.08726	1.03918E-05	3.1543E-03	610427.43	4205819.03	14250.39882	0.00089	0.08726	1.03918E-05	9.0119E-04		
610434.43	4205819.03	14615.20552	0.00322	0.08600	1.02418E-05	3.2346E-03	610434.43	4205819.03	14615.20552	0.00091	0.08600	1.02418E-05	9.2384E-04		
610441.43	4205819.03	14980.83172	0.00330	0.08473	1.00905E-05	3.3151E-03	610441.43	4205819.03	14980.83172	0.00094	0.08473	1.00905E-05	9.4655E-04		
610448.43	4205819.03	15347.48274	0.00339	0.08347	9.94045E-06	3.3958E-03	610448.43	4205819.03	15347.48274	0.00096	0.08347	9.94045E-06	9.6931E-04		
610455.43	4205819.03	15712.69685	0.00347	0.08219	9.78802E-06	3.4762E-03	610455.43	4205819.03	15712.69685	0.00098	0.08219	9.78802E-06	9.9199E-04		
610462.43	4205819.03	16076.28773	0.00355	0.08090	9.63439E-06	3.5583E-03	610462.43	4205819.03	16076.28773	0.00100	0.08090	9.63439E-06	1.0146E-03		
610469.43	4205819.03	16435.70529	0.00363	0.07960	9.47957E-06	3.6354E-03	610469.43	4205819.03	16435.70529	0.00103	0.07960	9.47957E-06	1.0369E-03		
610476.43	4205819.03	16789.83607	0.00370	0.07830	9.32476E-06	3.7134E-03	610476.43	4205819.03	16789.83607	0.00105	0.07830	9.32476E-06	1.0589E-03		
610483.43	4205819.03	17137.63023	0.00378	0.07699	9.16875E-06	3.7900E-03	610483.43	4205819.03	17137.63023	0.00107	0.07699	9.16875E-06	1.0804E-03		
610490.43	4205819.03	17476.15011	0.00386	0.07568	9.01274E-06	3.8645E-03	610490.43	4205819.03	17476.15011	0.00109	0.07568	9.01274E-06	1.1015E-03		
610504.43	4205819.03	18109.28955	0.00400	0.07299	8.69239E-06	4.0038E-03	610504.43	4205819.03	18109.28955	0.00113	0.07299	8.69239E-06	1.1407E-03		
610511.43	4205819.03	18404.23698	0.00406	0.07165	8.53281E-06	4.0688E-03	610511.43	4205819.03	18404.23698	0.00115	0.07165	8.53281E-06	1.1598E-03		
610518.43	4205819.03	18682.87092	0.00412	0.07031	8.37323E-06	4.1301E-03	610518.43	4205819.03	18682.87092	0.00117	0.07031	8.37323E-06	1.1762E-03		
610525.43	4205819.03	18941.63109	0.00418	0.06897	8.21365E-06	4.1870E-03	610525.43	4205819.03	18941.63109	0.00118	0.06897	8.21365E-06	1.1926E-03		
610532.43	4205819.03	19178.82638	0.00423	0.06764	8.05526E-06	4.2392E-03	610532.43	4205819.03	19178.82638	0.00120	0.06764	8.05526E-06	1.2069E-03		
610539.43	4205819.03	19393.12397	0.00428	0.06631	7.89587E-06	4.2861E-03	610539.43	4205819.03	19393.12397	0.00121	0.06631	7.89587E-06	1.2202E-03		
610546.43	4205819.03	19580.85194	0.00432	0.06499	7.73967E-06	4.3275E-03	610546.43	4205819.03	19580.85194	0.00122	0.06499	7.73967E-06	1.2317E-03		
610553.43	4205819.03	19740.74235	0.00436	0.06367	7.58247E-06	4.3627E-03	610553.43	4205819.03	19740.74235	0.00123	0.06367	7.58247E-06	1.2416E-03		
610560.43	4205819.03	19871.38921	0.00438	0.06236	7.42646E-06	4.3918E-03	610560.43	4205819.03	19871.38921	0.00124	0.06236	7.42646E-06	1.2496E-03		
610567.43	4205819.03	19972.75179	0.00441	0.06108	7.27402E-06	4.4135E-03	610567.43	4205819.03	19972.75179	0.00125	0.06108	7.27402E-06	1.2558E-03		
610574.43	4205819.03	20043.34905	0.00442	0.05981	7.12278E-06	4.4290E-03	610574.43	4205819.03	20043.34905	0.00125	0.05981	7.12278E-06	1.2600E-03		
610581.43	4205819.03	20078.97979	0.00443	0.05855	6.97273E-06	4.4367E-03	610581.43	4205819.03	20078.97979	0.00126	0.05855	6.97273E-06	1.2621E-03		
610588.43	4205819.03	20078.27411	0.00443	0.05730	6.82386E-06	4.4364E-03	610588.43	4205819.03	20078.27411	0.00126	0.05730	6.82386E-06	1.2619E-03		
610595.43	4205819.03	20040.01558	0.00442	0.05606	6.67619E-06	4.4278E-03	610595.43	4205819.03	20040.01558	0.00125	0.05606	6.67619E-06	1.2593E-03		
610602.43	4205819.03	19963.23907	0.00440	0.05483	6.52973E-06	4.4107E-03	610602.43	4205819.03	19963.23907	0.00125	0.05483	6.52973E-06	1.2544E-03		
610609.43	4205819.03	19847.27905	0.00438	0.05361	6.38442E-06	4.3850E-03	610609.43	4205819.03	19847.27905	0.00124	0.05361	6.38442E-06	1.2470E-03		
610616.43	4205819.03	19691.58448	0.00434	0.05240	6.24032E-06	4.3505E-03	610616.43	4205819.03	19691.58448	0.00123	0.05240	6.24032E-06	1.2372E-03		
610623.43	4205819.03	19496.14558	0.00430	0.05121	6.09860E-06	4.3072E-03	610623.43	4205819.03	19496.14558	0.00122	0.05121	6.09860E-06	1.2248E-03		
610630.43	4205819.03	19260.94469	0.00425	0.05003	5.95808E-06	4.2552E-03	610630.43	4205819.03	19260.94469	0.00120	0.05003	5.95808E-06	1.2100E-03		
610637.43	4205819.03	18986.49358	0.00419	0.04886	5.81874E-06	4.1945E-03	610637.43	4205819.03	18986.49358	0.00119	0.04886	5.81874E-06	1.1927E-03		
610644.43	4205819.03	18674.45321	0.00412	0.04771	5.68179E-06	4.1255E-03	610644.43	4205819.03	18674.45321	0.00117	0.04771	5.68179E-06	1.1730E-03		
610651.43	4205819.03	18324.53279	0.00404	0.04658	5.54723E-06	4.0482E-03	610651.43	4205819.03	18324.53279	0.00115	0.04658	5.54723E-06	1.1518E-03		
610658.43	4205819.03	17938.84798	0.00396	0.04546	5.41384E-06	3.9630E-03	610658.43	4205819.03	17938.84798	0.00112	0.04546	5.41384E-06	1.1268E-03		
610679.43	4205819.03	16591.57535	0.00366	0.04224	5.03037E-06	3.6654E-03	610679.43	4205819.03	16591.57535	0.00104	0.04224	5.03037E-06	1.0422E-03		
610686.43	4205819.03	16086.86874	0.00355	0.04120	4.90651E-06	3.5539E-03	610686.43	4205819.03	16086.86874	0.00101	0.04120	4.90651E-06	1.0105E-03		
610693.43	4205819.03	15560.60862	0.00343	0.04019	4.78623E-06	3.4377E-03	610693.43	4205819.03	15560.60862	0.00097	0.04019	4.78623E-06	9.7748E-04		
610700.43	4205819.03	15014.5121	0.00331	0.03920	4.66833E-06	3.3171E-03	610700.43	4205819.03	15014.5121	0.00094	0.03920	4.66833E-06	9.4323E-04		
610707.43	4205819.03	14454.01647	0.00319	0.03821	4.55282E-06	3.1938E-03	610707.43	4205819.03	14454.01647	0.00090	0.03821	4.55282E-06	9.0808E-04		
610714.43	4205819.03	13873.24178	0.00306	0.03728	4.43968E-06	3.0651E-03	610714.43	4205819.03	13873.24178	0.00087	0.03728	4.43968E-06	8.7166E-04		
610721.43	4205819.03	13281.38843	0.00293	0.03636	4.33012E-06	2.9344E-03	610721.43	4205819.03	13281.38843	0.00083	0.03636	4.33012E-06	8.3450E-04		
610749.43	4205819.03	10896.07382	0.00240	0.03292	3.92045E-06	2.4077E-03	610749.43	4205819.03	10896.07382	0.00068	0.03292	3.92045E-06	6.8504E-04		
610756.43	4205819.03	10312.31808	0.00228	0.03212	3.82517E-06	2.2789E-03	610756.43	4205819.03	10312.31808	0.00064	0.03212	3.82517E-06	6.4845E-04		
610763.43	4205819.03	9740.13259	0.00215	0.03135	3.73348E-06	2.1525E-03	610763.43	4205819.03	9740.13259	0.00061	0.03135	3.73348E-06	6.1258E-04		
610770.43	4205819.03	9182.27463	0.00203	0.03060	3.64416E-06	2.0294E-03	610770.43	4205819.03	9182.27463	0.00057	0.03060	3.64416E-06	5.7763E-04		
610777.43	4205819.03	8641.38293	0.00191	0.02988	3.55843E-06	1.9100E-03	610777.43	4205819.03	8641.38293	0.00054	0.02988	3.55843E-06	5.4373E-04		
610784.43	4205819.03	8119.54867	0.00179	0.02919	3.47624E-06	1.7948E-03	610784.43	4205819.03	8119.54867	0.00051	0.02919	3.47624E-06	5.1103E-04		
610791.43	4205819.03	7618.80756	0.00168	0.02852	3.39645E-06	1.6842E-03	610791.43	4205819.03	7618.80756	0.00048	0.02852	3.39645E-06	4.7965E-04		
610798.43	4205819.03	7140.42847	0.00158	0.02788	3.32023E-06	1.5786E-03	610798.43	4205819.03	7140.42847	0.00045	0.02788	3.32023E-06	4.4967E-04		
610805.43	4205819.03	6685.54351	0.00147	0.02726	3.24640E-06	1.4782E-03	610805.43	4205819.03	6685.54351	0.00042	0.02726	3.24640E-06	4.2116E-04		
610812.43	4205819.03	6254.98984	0.00138	0.02666	3.17494E-06	1.3831E-03	610812.43	4205819.03	6254.98984	0.00039	0.02666	3.17494E-06	3.9418E-04		
610819.43	4205819.03	5849.23664	0.00129	0.02609	3.10706E-06	1.2935E-03	610819.43	4205819.03	5849.23664	0.00037	0.02609	3.10706E-06	3.6874E-04		
610826.43	4205819.03	5468.40613	0.00121	0.02553	3.04037E-06	1.2094E-03	610826.43	4205819.03	5468.40613	0.00034	0.02553	3.04037E-06	3.4487E-04		
610833.43	4205819.03	5112.35015	0.00113	0.02500	2.97725E-06	1.1308E-03	610833.43	4205819.03	5112.35015	0.00032	0.02500	2.97725E-06	3.2252E-04		
610840.43	4205819.03	4780.75043	0.00105	0.02449	2.91652E-06	1.0576E-03	610840.43	4205819.03	4780.75043	0.00030	0.02449	2.91652E-06	3.0176E-04		
610847.43	4205819.03	4472.88062	0.00099	0.02400	2.85816E-06	9.8964E-04	610847.43	4205819.03	4472.88062	0.00028	0.02400	2.85816E-06	2.8246E-04		
610854.43	4205819.03	4187.9011	0.00092	0.02353	2.80219E-06	9.2671E-04	610854.43	4205819.03	4187.9011	0.00026	0.02353	2.80219E-06	2.6459E-04		
610861.43	4205819.03	3924.8783	0.00087	0.02307	2.74741E-06	8.6863E-04	610861.43	4205819.03	3924.8783	0.00025	0.02307	2.74741E-06	2.4809E-04		
610868.43	4205819.03	3682.64804	0.00081	0.02264	2.69620E-06	8.1514E-04	610868.43	4205819.03	3682.64804	0.00023	0.02264	2.69620E-06	2.3290E-04		
610875.43	4205819.03	3460.0309	0.00076	0.02222	2.64618E-06	7.6598E-04	610875.43	4205819.03	3460.0309	0.00022	0.02222	2.64618E-06	2.1893E-04		
610882.43	4205819.03	3255.75498	0.00072	0.02181	2.59736E-06	7.2086E-04	610882.43	4205819.03	3255.75498	0.00020	0.02181	2.59736E-06	2.0612E-04		
610889.43	4205819.03	3068.59005	0.00068	0.02142	2.55001E-06	6.7952E-04	610889.43	4205819.03	3068.59005	0.00019	0.02142	2.55001E-06	1.9431E-04		
610910.43	4205819.03	2597.13807	0.00057	0.02034	2.42229E-06	5.7539E-04	610910.43	4205819.03	2597.13807	0.00016	0.02034	2.42229E-06	1.6477E-04		
610917.43	4205819.03	2466.02159	0.00054	0.02000	2.38180E-06	5.4642E-04	610917.43	4205819.03	2466.02159	0.00015	0.02000	2.38180E-06	1.5651E-04		
610924.43	4205819.03	2346.0669	0.00052	0.01968	2.34369E-06	5.1992E-04	610924.43	4205819.03	2346.0669	0.00015	0.01968	2.34369E-06	1.4900E-04		
610931.43	4205819.03	2236.32893	0.00049	0.01936	2.30558E-06	4.9567E-04	610931.43	4205819.03	2236.32893	0.00014	0.01936	2.30558E-06	1.4210E-04		
610938.43	4205819.03	2135.79956	0.00047	0.01906	2.26986E-06	4.7946E-04	610938.43	4205819.03	2135.79956	0.00013	0.01906	2.26986E-06	1.3578E-04		
610945.43	4205819.03	2043.61519	0.00045	0.01876	2.23413E-06	4.5308E-04	610945.43	4205819.03	2043.61519	0.00013	0.01876	2.23413E-06	1.2998E-04		
610952.43	4205819.03	1950.01308	0.00043	0.01848	2.20079E-06	4.3439E-04	610952.43	4205819.03	1950.01308	0.00012	0.01848	2.20079E-06	1.2466E-04		
610959.43	4205819.03	1881.23811	0.00042	0.01820	2.16744E-06	4.1719E-04	610959.43	4205819.03	1881.23811	0.00012	0.01820	2.16744E-06	1.1976E-04		
610966.43	4205819.03	1809.59057	0.00040	0.01794	2.13648E-06	4.0136E-04	610966.43	4205819.03	1809.59057	0.00011	0.01794	2.13648E-06	1.1525E-04		
610973.43	4205819.03	1743.53256	0.00038	0.01768	2.10551E-06	3.8675E-04	610973.43	4205819.03	1743.53256	0.00011	0.01768	2.10551E-06	1.1109E-04		
610980.43	4205819.03	1682.50905	0.00037	0.01743	2.07574E-06	3.7326E-04	610980.43	4205819.03	1682.50905	0.00011	0.01743	2.07574E-06	1.0725E-04		
610987.43	4205819.03	1626.01735	0.00036	0.01718	2.04597E-06	3.6077E-04	610987.43	4205819.03	1626.01735	0.00010	0.01718	2.04597E-06	1.0369E-04		
610994.43

610777.43	4205826.03	8942.0377	0.00197	0.03037	3.616778-06	1.9764E-03	610777.43	4205826.03	8942.0377	0.00056	0.03037	3.616778-06	5.6259E-04		
610784.43	4205826.03	8389.02825	0.00185	0.02966	3.532211E-06	1.8543E-03	610784.43	4205826.03	8389.02825	0.00052	0.02966	3.532211E-06	5.2793E-04		
610791.43	4205826.03	7859.71269	0.00173	0.02898	3.451228-06	1.7374E-03	610791.43	4205826.03	7859.71269	0.00049	0.02898	3.451228-06	4.9476E-04		
610798.43	4205826.03	7355.18142	0.00162	0.02832	3.372636-06	1.6260E-03	610798.43	4205826.03	7355.18142	0.00046	0.02832	3.372636-06	4.6315E-04		
610805.43	4205826.03	6876.53634	0.00152	0.02769	3.297611E-06	1.5204E-03	610805.43	4205826.03	6876.53634	0.00043	0.02769	3.297611E-06	4.3315E-04		
610812.43	4205826.03	6424.57531	0.00142	0.02708	3.224966-06	1.4206E-03	610812.43	4205826.03	6424.57531	0.00040	0.02708	3.224966-06	4.0483E-04		
610819.43	4205826.03	5999.86611	0.00132	0.02649	3.154708-06	1.3268E-03	610819.43	4205826.03	5999.86611	0.00038	0.02649	3.154708-06	3.7821E-04		
610826.43	4205826.03	5602.25969	0.00124	0.02592	3.086822E-06	1.2390E-03	610826.43	4205826.03	5602.25969	0.00035	0.02592	3.086822E-06	3.5329E-04		
610833.43	4205826.03	5231.58162	0.00115	0.02538	3.022518-06	1.1572E-03	610833.43	4205826.03	5231.58162	0.00033	0.02538	3.022518-06	3.3005E-04		
610840.43	4205826.03	4887.20431	0.00108	0.02486	2.960588-06	1.0811E-03	610840.43	4205826.03	4887.20431	0.00031	0.02486	2.960588-06	3.0846E-04		
610847.43	4205826.03	4568.36473	0.00101	0.02436	2.901046-06	1.0107E-03	610847.43	4205826.03	4568.36473	0.00029	0.02436	2.901046-06	2.8847E-04		
610854.43	4205826.03	4274.04006	0.00094	0.02388	2.843876-06	9.4576E-04	610854.43	4205826.03	4274.04006	0.00027	0.02388	2.843876-06	2.7001E-04		
610861.43	4205826.03	4003.02766	0.00088	0.02342	2.788095-06	8.8591E-04	610861.43	4205826.03	4003.02766	0.00025	0.02342	2.788095-06	2.5302E-04		
610868.43	4205826.03	3754.10589	0.00083	0.02297	2.735506-06	8.3094E-04	610868.43	4205826.03	3754.10589	0.00023	0.02297	2.735506-06	2.3741E-04		
610875.43	4205826.03	3525.88867	0.00078	0.02254	2.684296-06	7.8054E-04	610875.43	4205826.03	3525.88867	0.00022	0.02254	2.684296-06	2.2309E-04		
610882.43	4205826.03	3316.5605	0.00073	0.02213	2.635466-06	7.3460E-04	610882.43	4205826.03	3316.5605	0.00021	0.02213	2.635466-06	2.0998E-04		
610889.43	4205826.03	3125.89075	0.00069	0.02173	2.587836-06	6.9220E-04	610889.43	4205826.03	3125.89075	0.00020	0.02173	2.587836-06	1.9799E-04		
610910.43	4205826.03	2646.33468	0.00058	0.02063	2.456836-06	5.8627E-04	610910.43	4205826.03	2646.33468	0.00017	0.02063	2.456836-06	1.6788E-04		
610917.43	4205826.03	2513.37393	0.00055	0.02029	2.416346-06	5.5690E-04	610917.43	4205826.03	2513.37393	0.00016	0.02029	2.416346-06	1.5953E-04		
610924.43	4205826.03	2391.90478	0.00053	0.01995	2.375856-06	5.3006E-04	610924.43	4205826.03	2391.90478	0.00015	0.01995	2.375856-06	1.5189E-04		
610931.43	4205826.03	2280.82565	0.00050	0.01964	2.338391E-06	5.0553E-04	610931.43	4205826.03	2280.82565	0.00014	0.01964	2.338391E-06	1.4491E-04		
610938.43	4205826.03	2179.16732	0.00048	0.01933	2.302010-06	4.8306E-04	610938.43	4205826.03	2179.16732	0.00014	0.01933	2.302010-06	1.3852E-04		
610945.43	4205826.03	2086.04814	0.00046	0.01903	2.266288-06	4.6248E-04	610945.43	4205826.03	2086.04814	0.00013	0.01903	2.266288-06	1.3267E-04		
610952.43	4205826.03	2000.54374	0.00044	0.01874	2.231756-06	4.4358E-04	610952.43	4205826.03	2000.54374	0.00013	0.01874	2.231756-06	1.2729E-04		
610959.43	4205826.03	1921.99842	0.00042	0.01846	2.198408-06	4.2622E-04	610959.43	4205826.03	1921.99842	0.00012	0.01846	2.198408-06	1.2234E-04		
610966.43	4205826.03	1849.6896	0.00041	0.01819	2.166256-06	4.1023E-04	610966.43	4205826.03	1849.6896	0.00012	0.01819	2.166256-06	1.1779E-04		
610973.43	4205826.03	1783.00006	0.00039	0.01792	2.134036-06	3.9540E-04	610973.43	4205826.03	1783.00006	0.00011	0.01792	2.134036-06	1.1359E-04		
610980.43	4205826.03	1721.37689	0.00038	0.01767	2.104326-06	3.8186E-04	610980.43	4205826.03	1721.37689	0.00011	0.01767	2.104326-06	1.0971E-04		
610987.43	4205826.03	1664.31485	0.00037	0.01742	2.074556-06	3.6925E-04	610987.43	4205826.03	1664.31485	0.00010	0.01742	2.074556-06	1.0611E-04		
610994.43	4205826.03	1611.35694	0.00036	0.01717	2.044786-06	3.5753E-04	610994.43	4205826.03	1611.35694	0.00010	0.01717	2.044786-06	1.0277E-04		
611001.43	4205826.03	1562.1167	0.00034	0.01694	2.017396-06	3.4664E-04	611001.43	4205826.03	1562.1167	0.00010	0.01694	2.017396-06	9.9666E-05		
611008.43	4205826.03	1516.25319	0.00033	0.01671	1.990006-06	3.3650E-04	611008.43	4205826.03	1516.25319	0.00009	0.01671	1.990006-06	9.6771E-05		
611015.43	4205826.03	1473.41673	0.00033	0.01648	1.962616-06	3.2702E-04	611015.43	4205826.03	1473.41673	0.00009	0.01648	1.962616-06	9.4066E-05		
611022.43	4205826.03	1433.30583	0.00032	0.01627	1.937606-06	3.1814E-04	611022.43	4205826.03	1433.30583	0.00009	0.01627	1.937606-06	9.1534E-05		
611029.43	4205826.03	1395.66775	0.00031	0.01605	1.911406-06	3.0981E-04	611029.43	4205826.03	1395.66775	0.00009	0.01605	1.911406-06	8.9155E-05		
611036.43	4205826.03	1360.31714	0.00030	0.01584	1.886398-06	3.0199E-04	611036.43	4205826.03	1360.31714	0.00009	0.01584	1.886398-06	8.6920E-05		
611043.43	4205826.03	1327.00564	0.00029	0.01564	1.862578-06	2.9462E-04	611043.43	4205826.03	1327.00564	0.00008	0.01564	1.862578-06	8.4814E-05		
611050.43	4205826.03	1295.5422	0.00029	0.01544	1.838758-06	2.8765E-04	611050.43	4205826.03	1295.5422	0.00008	0.01544	1.838758-06	8.2823E-05		
611057.43	4205826.03	1265.77518	0.00028	0.01525	1.816128-06	2.8106E-04	611057.43	4205826.03	1265.77518	0.00008	0.01525	1.816128-06	8.0948E-05		
611064.43	4205826.03	1237.54835	0.00027	0.01506	1.793508-06	2.7481E-04	611064.43	4205826.03	1237.54835	0.00008	0.01506	1.793508-06	7.9150E-05		
611071.43	4205826.03	1210.74741	0.00027	0.01487	1.770876-06	2.6888E-04	611071.43	4205826.03	1210.74741	0.00008	0.01487	1.770876-06	7.7455E-05		
611078.43	4205826.03	1185.25291	0.00026	0.01469	1.749436-06	2.6323E-04	611078.43	4205826.03	1185.25291	0.00007	0.01469	1.749436-06	7.5840E-05		
611085.43	4205826.03	1160.94665	0.00026	0.01451	1.728008-06	2.5785E-04	611085.43	4205826.03	1160.94665	0.00007	0.01451	1.728008-06	7.4299E-05		
610294.43	4205833.03	8495.89441	0.00187	0.11407	1.358466-05	1.8879E-03	610294.43	4205833.03	8495.89441	0.00053	0.11407	1.358466-05	5.4466E-04		
610301.43	4205833.03	8754.43927	0.00193	0.11309	1.346796-05	1.9448E-03	610301.43	4205833.03	8754.43927	0.00055	0.11309	1.346796-05	5.6071E-04		
610308.43	4205833.03	9021.16676	0.00199	0.11210	1.335006-05	2.0035E-03	610308.43	4205833.03	9021.16676	0.00056	0.11210	1.335006-05	5.7726E-04		
610315.43	4205833.03	9296.84055	0.00205	0.11108	1.322856-05	2.0642E-03	610315.43	4205833.03	9296.84055	0.00058	0.11108	1.322856-05	5.9438E-04		
610322.43	4205833.03	9580.73225	0.00211	0.11004	1.310476-05	2.1267E-03	610322.43	4205833.03	9580.73225	0.00060	0.11004	1.310476-05	6.1200E-04		
610329.43	4205833.03	9873.3691	0.00218	0.10898	1.297846-05	2.1912E-03	610329.43	4205833.03	9873.3691	0.00062	0.10898	1.297846-05	6.3010E-04		
610336.43	4205833.03	10174.90338	0.00224	0.10789	1.284866-05	2.2579E-03	610336.43	4205833.03	10174.90338	0.00064	0.10789	1.284866-05	6.4888E-04		
610343.43	4205833.03	10485.32496	0.00231	0.10679	1.271766-05	2.3259E-03	610343.43	4205833.03	10485.32496	0.00066	0.10679	1.271766-05	6.6816E-04		
610350.43	4205833.03	10805.53882	0.00238	0.10563	1.257956-05	2.3964E-03	610350.43	4205833.03	10805.53882	0.00068	0.10563	1.257956-05	6.8804E-04		
610357.43	4205833.03	11134.39835	0.00246	0.10445	1.243006-05	2.4688E-03	610357.43	4205833.03	11134.39835	0.00070	0.10445	1.243006-05	7.0845E-04		
610364.43	4205833.03	11472.59905	0.00253	0.10325	1.229616-05	2.5433E-03	610364.43	4205833.03	11472.59905	0.00072	0.10325	1.229616-05	7.2945E-04		
610371.43	4205833.03	11819.81838	0.00261	0.10204	1.215206-05	2.6198E-03	610371.43	4205833.03	11819.81838	0.00074	0.10204	1.215206-05	7.5101E-04		
610378.43	4205833.03	12175.29042	0.00269	0.10081	1.200556-05	2.6980E-03	610378.43	4205833.03	12175.29042	0.00076	0.10081	1.200556-05	7.7309E-04		
610385.43	4205833.03	12539.97361	0.00277	0.09957	1.185786-05	2.7783E-03	610385.43	4205833.03	12539.97361	0.00078	0.09957	1.185786-05	7.9573E-04		
610392.43	4205833.03	12912.51083	0.00285	0.09830	1.170666-05	2.8604E-03	610392.43	4205833.03	12912.51083	0.00081	0.09830	1.170666-05	8.1887E-04		
610399.43	4205833.03	13293.54728	0.00293	0.09703	1.155536-05	2.9443E-03	610399.43	4205833.03	13293.54728	0.00083	0.09703	1.155536-05	8.4254E-04		
610406.43	4205833.03	13681.84071	0.00302	0.09575	1.140296-05	3.0298E-03	610406.43	4205833.03	13681.84071	0.00086	0.09575	1.140296-05	8.6666E-04		
610413.43	4205833.03	14077.78514	0.00311	0.09445	1.124616-05	3.1170E-03	610413.43	4205833.03	14077.78514	0.00088	0.09445	1.124616-05	8.9125E-04		
610420.43	4205833.03	14479.71685	0.00319	0.09314	1.109216-05	3.2055E-03	610420.43	4205833.03	14479.71685	0.00091	0.09314	1.109216-05	9.1622E-04		
610427.43	4205833.03	14888.1719	0.00328	0.09182	1.093496-05	3.2955E-03	610427.43	4205833.03	14888.1719	0.00093	0.09182	1.093496-05	9.4160E-04		
610434.43	4205833.03	15301.61759	0.00338	0.09050	1.077776-05	3.3865E-03	610434.43	4205833.03	15301.61759	0.00096	0.09050	1.077776-05	9.6728E-04		
610441.43	4205833.03	15718.63853	0.00347	0.08916	1.061816-05	3.4784E-03	610441.43	4205833.03	15718.63853	0.00098	0.08916	1.061816-05	9.9319E-04		
610448.43	4205833.03	16139.18197	0.00356	0.08782	1.045856-05	3.5716E-03	610448.43	4205833.03	16139.18197	0.00101	0.08782	1.045856-05	1.0195E-03		
610455.43	4205833.03	16560.91974	0.00365	0.08647	1.029776-05	3.6639E-03	610455.43	4205833.03	16560.91974	0.00104	0.08647	1.029776-05	1.0455E-03		
610462.43	4205833.03	16983.60381	0.00375	0.08510	1.013466-05	3.7570E-03	610462.43	4205833.03	16983.60381	0.00106	0.08510	1.013466-05	1.0718E-03		
610469.43	4205833.03	17404.4951	0.00384	0.08372	9.970226-06	3.8496E-03	610469.43	4205833.03	17404.4951	0.00109	0.08372	9.970226-06	1.0978E-03		
610476.43	4205833.03	17823.06845	0.00393	0.08234	9.805886-06	3.9418E-03	610476.43	4205833.03	17823.06845	0.00111	0.08234	9.805886-06	1.1239E-03		
610483.43	4205833.03	18236.68798	0.00402	0.08096	9.641546-06	4.0328E-03	610483.43	4205833.03	18236.68798	0.00114	0.08096	9.641546-06	1.1496E-03		
610490.43	4205833.03	18642.90552	0.00411	0.07956	9.474816-06	4.1224E-03	610490.43	4205833.03	18642.90552	0.00117	0.07956	9.474816-06	1.1748E-03		
610504.43	4205833.03	19415.41446	0.00428	0.07671	9.135406-06	4.2924E-03	610504.43	4205833.03	19415.41446	0.00121	0.07671	9.135406-06	1.2228E-03		
610511.43	4205833.03	19781.73141	0.00436	0.07528	8.965106-06	4.3731E-03	610511.43	4205833.03	19781.73141	0.00124	0.07528	8.965106-06	1.2455E-03		
610518.43	4205833.03	20131.23901	0.00444	0.07386	8.796006-06	4.4500E-03	610518.43	4205833.03	20131.23901	0.00126	0.07386	8.796006-06	1.2672E-03		
610525.43	4205833.03	20461.30296	0.00451	0.07244	8.626898-06	4.5227E-03	610525.43	4205833.03	20461.30296	0.00128	0.07244	8.626898-06	1.2877E-03		
610532.43	4205833.03	20769.04681	0.00458	0.07102	8.457788-06	4.5904E-03	610532.43	4205833.03	20769.04681	0.00130	0.07102	8.457788-06	1.3067E-03		
610539.43	4205833.03	21051.6546	0.00464	0.06961	8.289866-06	4.6526E-03	610539.43	4205833.03	21051.6546	0.00132	0.06961	8.289866-06	1.3242E-03		
610546.43	4205833.03	21306.23796	0.00470	0.06820	8.121956-06	4.7086E-03	610546.43	4205833.03	21306.23796	0.00133	0.06820	8.121956-06	1.3408E-03		
610553.43	4205833.03	21529.97513	0.00475	0.06680	7.955226-06	4.7578E-03	610553.43	4205833.03	21529.97513	0.00135	0.06680	7.955226-06	1.3538E-03		
610560.43	4205833.03	21720.26718	0.00479	0.06541	7.789686-06	4.7996E-03	610560.43	4205833.03	21720.26718	0.00136	0.06541	7.789686-06	1.3655E-03		
610567.43	4205833.03	21877.90153	0.00483	0.06404	7.626536-06	4.8342E-03	610567.43	4205833.03	21877.90153	0.00137	0.06404	7.626536-06	1.3752E-03		
610574.43	4205833.03	21999.10568	0.00485	0.06268	7.464576-06	4.8608E-03	610574.43	4205833.03	21999.10568	0.00138	0.06268	7.464576-06	1.3826E-03		
610581.43	4205833.03	22080.34441	0.00487	0.06134	7.304956-06	4.8765E-03	610581.43	4205833.03	22080.34441	0.00138	0.06134	7.304956-06	1.3876E-03		
610588.43	4205833.03	22117.99624	0.00488	0.06001	7.14660E-06	4.8867E-03	610588.43	4205833.03	22117.99624	0.00138	0.06001	7.14660E-06	1.3897E-03		
610595.43	4205833.03	22111.79562	0.00488	0.05868	6.988216-06	4.8852E-03	610595.43	4205833.03	22111.79562	0.00138	0.05868	6.988216-06	1.3892E-03		
610602.43	4205833.03	22058.49554	0.00487	0.05737	6.832206-06	4.8732E-03	610602.43	4205833.03	22058.49554	0.00138	0.05737	6.832206-06	1.3857E-03		
610609.43	4205833.03	21958.67641	0.00484	0.05607	6.67738E-06	4.8511E-03	610609.43	4205833.03	21958.67641	0.00137	0.05607	6.67738E-06	1.3793E-03		
610616.43	4205833.03	21809.98938	0.00481	0.05478	6.523766-06	4.8181E-03	610616.43	4205833.03	21809.98938	0.00136	0.05478	6.523766-06	1.3699E-03		
610623.43	4205833.03	21613.26512	0.00477	0.05350	6.37132E-06	4.7746E-03	610623.43	4205833.03	21613.26512	0.00135	0.05350	6.37132E-06	1.3574E-03		
610630.43	4205833.03	21367.15472	0.00471	0.05224	6.221276-06	4.7201E-03	610630.43	4205833.03	21367.15472	0.00134	0.05224	6.221276-06	1.3419E-03		
610637.43	4205833.03	21072.72935	0.00465	0.05100	6.073606-06	4.6550E-03	610637.43	4205833.03	21072.72935	0.00132	0.05100	6.073606-06	1.3233E-03		
610644.43	4205833.03	20731.08347	0.00457	0.04978	5.928316-06	4.5795E-03	610644.43	4205833.03	20731.08347	0.00130	0.04978	5.928316-06	1.3018E-03		
610651.43	4205833.03	20343.42671	0.00449	0.04857	5.784216-06	4.4938E-03	610651.43	4205833.03	20343.42671	0.00127	0.04857	5.784216-06	1.2775E-03		
610658.43	4205833.03	19910.82323	0.00439	0.04738	5.642496-06	4.3982E-03	610658.43	4205833.03	19910.82323	0.00124	0.04738	5.642496-06	1.2503E-03		
610665.43	4205833.03	19437.51877	0.00429	0.04621	5.503156-06	4.2937E-03	610665.43	4205833.03	19437.51877	0.00122	0.04621	5.503156-06	1.2205E-03		
610693.43	4205833.03	17193.48629	0.00379	0.04177	4.974396-06	3.7981E-03	610693.43	4205833.03	17193.48629	0.00107	0.04177	4.974396-06	1.0797E-03		
610700.43	4205833.03	16565.29524	0.00365	0.04072	4.849356-06	3.6594E-03	610700.43	4205833.03	16565.29524	0.00104	0.04072	4.849356-06	1.0403E-03		
610707.43	4205833.03	15912.85406	0.00351	0.03969	4.726696-06	3.5153E-03	610707.43	4205833.03	15912.85406	0.00099	0.03969	4.726696-06	9.9944E-04		
610714.43	4205833.03	15271.63767	0.00336	0.03876	4.617756-06	3.3647E-03	610714.43	4205833.03	15271.63767	0.00087	0.03876	4.617756-06	8.7150E-04		
610735.43	4205833.03	13183.22925	0.00291	0.03583	4.267006-06	2.9127E-03	610735.43	4205833.03	13183.22925	0.00082	0.03583	4.267006-06	8.2835E-04		
610742.43	4205833.03	12498.14361	0.00276	0.03494	4.161016-06	2.7614E-03	610742.43	4205833.03	12498.14361	0.00078	0.03494	4.161016-06	7.8542E-04		
610749.43	4205833.03	11820.27231	0.00261	0.03407	4.057406-06	2.6118E-03	610749.43	4205833.03	11820.27231	0.00074	0.03407	4.057406-06	7.4294E-04		
610756.43	4205833.03	11154.10437	0.00246	0.03323	3.957366-06	2.4647E-03	610756.43	4205833.03	11154.10437	0.00070	0.03323	3.957366-06	7.0120E-04		
610763.43	4205833.03	10503.29366	0.00232	0.03242	3.860906-06	2.3210E-03	610763.43	4205833.03	10503.29366	0.00066	0.03242	3.860906-06	6.6042E-04		
610770.43	4205833.03	9871.0128	0.00218	0.03164	3.768016-06	2.1814E-03	610770.43	4205833.03	9871.0128	0.00062	0.03164	3.768016-06	6.2081E-04		
610777.43	4205833.03	9260.30954	0.00204	0.03088	3.677506-06	2.0466E-03	610777.43	4205833.03	9260.30954	0.00058	0.03088	3.677506-06	5.8254E-04		
610784.43	4205833.03	8673.67668	0.00191	0.03015	3.590576-06	1.9171E-03	610784.43	4205833.03	8673.67668	0.00054	0.03015	3.590576-06	5.4578E-04		
610791.43	4205833.03	8113.38096	0.00179	0.02945	3.507206-06	1.7934E-03	610791.43	4205833.03	8113.38096	0.00051	0.02945	3.507206-06	5.1068E-04		
610798.43	4205833.03	7580.65206	0.00167	0.02878	3.427416-06	1.6758E-03	610798.43	4205833.03	7580.65206	0.00047	0.02878	3.427416-06	4.7737E-04		
610805.43	4205833.03	7076.55512	0.00156	0.02813	3.350006-06	1.5645E-03	610805.43	4205833.03	7076.55512	0.00044	0.02813	3.350006-06	4.4571E-04		
610812.43	4205833.03	6601.92645	0.00146	0.02750	3.274986-06	1.4598E-03	610812.43	4205833.03	6601.92645	0.00041	0.02750	3.274986-06	4.1596E-04		
610819.43	4205833.03	6157.00119	0.00136	0.02690	3.203526-06	1.3615E-03	610819.43	4205833.03	6157.00119	0.00038	0.02690	3.203526-06	3.8808E-04		
610826.43	4205833.03	5741.69861	0.00127	0.02633	3.135646-06	1.2698E-03	610826.43	4205833.03	5741.69861	0.00036	0.02633	3.135646-06	3.6205E-04		
610833.43	4205833.03	5355.57966	0.00118	0.02577	3.139466-03	1.1846E-03	610833.43	4205833.03	5355.57966	0.00033	0.02577	3.106895-06	3.3785E-04		
610840.43	4205833.03	4997.91602	0.00110	0.02524	3.005836-06	1.1056E-03	610840.43	4205833.03	4997.91602	0.00031	0.02524	3.005836-06	3.1543E-04		
610847.43	4205833.03	4667.63508	0.00103	0.02473	2.945106-06	1.0327E-03	610847.43	4205833.03	4667.63508	0.00029	0.02473	2.945106-06	2.9472E-04		
610854.43	4205833.03	4363.65341	0.00096	0.02424	2.886746-06	9.6557E-04	610854.43	4205833.03	4363.65341	0.00027	0.02424	2.886746-06	2.7568E-04		
610861.43	4205833.03	4084.54129	0.00090	0.02377	2.830776-06	9.0394E-04	610861.43	4205833.03	4084.54129	0.00026	0.02377	2.830776-06	2.5816E-04		
610868.43	4205833.03	3828.76702	0.00084	0.02331	2.775996-06	8.4745E-04	610868.43	4205833.03	3828.76702	0.00024	0.02331	2.775996-06	2.4211E-04		
610875.43	4205833.03	3594.85801	0.00079	0.02288	2.724786-06	7.9580E-04	610875.43	4205833.03	3594.85801	0.00022	0.02288	2.724786-06	2.2744E-04		
610882.43	4205833.03	3381.17828	0.00075	0.02246	2.674766-06	7.4861E-04	610882.43	4205833.03	3381.17828	0.00021	0.02246	2.674766-06	2.1403E-04		
610889.43	4205833.03	3186.20904	0.00070	0.02205	2.625946-06	7.0555E-04	610889.43	4205833.03	3186.20904	0.00020	0.02205	2.625946-06	2.0188E-04		
610910.43	4205833.03	2698.50884	0.00060	0.02093	2.492566-06	5.9782E-04	610910.43	4205833.03	2698.50884	0.00017	0.02093	2.492566-06	1.7118E-04		
610917.43	4205833.03	2563.67929	0.00057	0.02058	2.450876-06	5.6803E-04	610917.43	4205833.03	2563.67929	0.00016	0.02058	2.450876-06	1.6271E-04		
610924.43	4205833.03	2440.68718	0.00054	0.02024	2.410386-06	5.4086E-04	610924.43	4205833.03	2440.68718	0.00015	0.02024	2.410386-06	1.5498E-04		
610931.43	4205833.03	2328.28158	0.00051	0.01992	2.372286-06	5.1602E-04	610931.43	4205833.03	2328.28158	0.00015	0.01992	2.372286-06	1.4791E-04		
610938.43	4205833.03	2225.47335	0.00049	0.01960	2.334176-06	4.9330E-04	610938.43	4205833.03	2225.47335	0.00014	0.01960	2.334176-06	1.4145E-04		
610945.43	4205833.03	2131.39055	0.00047	0.01930	2.298446-06	4.7251E-04	610945.43	4205833.03	2131.39055	0.00013	0.01930	2.298446-06	1.3553E-04		
610952.43	4205833.03	2045.02406	0.00045	0.01900	2.262716-06	4.5342E-04	610952.43	4205833.03	2045.02406	0.00013	0.01900	2.262716-06	1.3010E-04		
610959.43	4205833.03	1965.70236	0.00043	0.01872	2.229376-06	4.3588E-04	610959.43	4205833.03	1965.70236	0.00012	0.01872	2.229376-06	1.2511E-04		
610966.43	4205833.03	1892.66831	0.00042	0.01844	2.196026-06	4.1974E-04	610966.43	4205833.03	1892.66831	0.00012	0.01844	2.196026-06	1.2051E-04		
610973.43	4205833.03	1825.28915	0.00040	0.01817	2.163876-06	4.0485E-04	610973.43	4205833.03	1825.28915	0.00011	0.01817	2.163876-06	1.1626E-04		
610980.43	4205833.03	1763.01555	0.00039	0.01791	2.132906-06	3.9108E-04	610980.43	4205833.03	1763.01555	0.00011	0.01791	2.132906-06	1.1234E-04		
610987.43	4205833.03	1705.3407	0.00038	0.01766	2.103136-06	3.7832E-04	610987.43	4205833.03	1705.3407	0.00011	0.01766	2.103136-06	1.0870E-04		
610994.43	4205833.03	1651.81802	0.00036	0.01741	2.073366-06	3.6649E-04	610994.43	4205833.03	1651.81802	0.00010	0.01741	2.073366-06	1.0531E-04		
611001.43	4205833.03	1602.03169	0.00035	0.01717	2.044786-06	3.5547E-04	611001.43	4205833.03	1602.03169	0.00010	0.01717	2.044786-06	1.0219E-04		
611008.43	4205833.03	1555.60342	0.00034

610777.43	4205840.03	9596.81139	0.00212	0.03140	3.73943E-06	2.1209E-03	610777.43	4205840.03	9596.81139	0.00060	0.03140	3.73943E-06	6.0364E-04
610784.43	4205840.03	8973.74562	0.00198	0.03065	3.65011E-06	1.9834E-03	610784.43	4205840.03	8973.74562	0.00056	0.03065	3.65011E-06	5.6460E-04
610791.43	4205840.03	8380.08792	0.00185	0.02994	3.56556E-06	1.8523E-03	610791.43	4205840.03	8380.08792	0.00052	0.02994	3.56556E-06	5.2741E-04
610798.43	4205840.03	7817.11469	0.00172	0.02924	3.48220E-06	1.7280E-03	610798.43	4205840.03	7817.11469	0.00049	0.02924	3.48220E-06	4.9213E-04
610805.43	4205840.03	7285.84075	0.00161	0.02858	3.40360E-06	1.6108E-03	610805.43	4205840.03	7285.84075	0.00046	0.02858	3.40360E-06	4.5884E-04
610812.43	4205840.03	6787.00265	0.00150	0.02794	3.32738E-06	1.5006E-03	610812.43	4205840.03	6787.00265	0.00042	0.02794	3.32738E-06	4.2758E-04
610819.43	4205840.03	6320.76819	0.00139	0.02733	3.25473E-06	1.3977E-03	610819.43	4205840.03	6320.76819	0.00040	0.02733	3.25473E-06	3.9837E-04
610826.43	4205840.03	5886.7917	0.00130	0.02674	3.18447E-06	1.3104E-03	610826.43	4205840.03	5886.7917	0.00037	0.02674	3.18447E-06	3.7117E-04
610833.43	4205840.03	5484.49417	0.00121	0.02618	3.11778E-06	1.2131E-03	610833.43	4205840.03	5484.49417	0.00034	0.02618	3.11778E-06	3.4595E-04
610840.43	4205840.03	5113.00802	0.00113	0.02563	3.05228E-06	1.1311E-03	610840.43	4205840.03	5113.00802	0.00032	0.02563	3.05228E-06	3.2267E-04
610847.43	4205840.03	4771.0176	0.00105	0.02511	2.99035E-06	1.0559E-03	610847.43	4205840.03	4771.0176	0.00030	0.02511	2.99035E-06	3.0123E-04
610854.43	4205840.03	4457.07647	0.00098	0.02461	2.93081E-06	9.8622E-04	610854.43	4205840.03	4457.07647	0.00028	0.02461	2.93081E-06	2.8154E-04
610861.43	4205840.03	4169.58099	0.00092	0.02413	2.87364E-06	9.2274E-04	610861.43	4205840.03	4169.58099	0.00026	0.02413	2.87364E-06	2.6351E-04
610868.43	4205840.03	3906.87405	0.00086	0.02367	2.81886E-06	8.6478E-04	610868.43	4205840.03	3906.87405	0.00024	0.02367	2.81886E-06	2.4704E-04
610875.43	4205840.03	3667.21085	0.00081	0.02322	2.76527E-06	8.1180E-04	610875.43	4205840.03	3667.21085	0.00023	0.02322	2.76527E-06	2.3200E-04
610882.43	4205840.03	3448.8092	0.00076	0.02279	2.71406E-06	7.6357E-04	610882.43	4205840.03	3448.8092	0.00022	0.02279	2.71406E-06	2.1830E-04
610889.43	4205840.03	3249.93551	0.00072	0.02238	2.66524E-06	7.1965E-04	610889.43	4205840.03	3249.93551	0.00020	0.02238	2.66524E-06	2.0582E-04
610910.43	4205840.03	2754.15129	0.00061	0.02124	2.52947E-06	6.1013E-04	610910.43	4205840.03	2754.15129	0.00017	0.02124	2.52947E-06	1.7469E-04
610917.43	4205840.03	2617.48156	0.00058	0.02068	2.48660E-06	5.7994E-04	610917.43	4205840.03	2617.48156	0.00016	0.02068	2.48660E-06	1.6611E-04
610924.43	4205840.03	2492.90316	0.00055	0.02054	2.44611E-06	5.5241E-04	610924.43	4205840.03	2492.90316	0.00016	0.02054	2.44611E-06	1.5828E-04
610931.43	4205840.03	2379.17862	0.00052	0.02021	2.40681E-06	5.2726E-04	610931.43	4205840.03	2379.17862	0.00015	0.02021	2.40681E-06	1.5133E-04
610938.43	4205840.03	2275.21179	0.00050	0.01989	2.36870E-06	5.0431E-04	610938.43	4205840.03	2275.21179	0.00014	0.01989	2.36870E-06	1.4459E-04
610945.43	4205840.03	2180.0523	0.00048	0.01958	2.33178E-06	4.8328E-04	610945.43	4205840.03	2180.0523	0.00014	0.01958	2.33178E-06	1.3861E-04
610952.43	4205840.03	2092.79106	0.00046	0.01928	2.29606E-06	4.6399E-04	610952.43	4205840.03	2092.79106	0.00013	0.01928	2.29606E-06	1.3312E-04
610959.43	4205840.03	2012.62701	0.00044	0.01898	2.26033E-06	4.4627E-04	610959.43	4205840.03	2012.62701	0.00013	0.01898	2.26033E-06	1.2807E-04
610966.43	4205840.03	1938.84213	0.00043	0.01870	2.22699E-06	4.2956E-04	610966.43	4205840.03	1938.84213	0.00012	0.01870	2.22699E-06	1.2340E-04
610973.43	4205840.03	1870.75599	0.00041	0.01843	2.19483E-06	4.1493E-04	610973.43	4205840.03	1870.75599	0.00012	0.01843	2.19483E-06	1.1914E-04
610980.43	4205840.03	1807.81881	0.00040	0.01816	2.16268E-06	4.0099E-04	610980.43	4205840.03	1807.81881	0.00011	0.01816	2.16268E-06	1.1517E-04
610987.43	4205840.03	1749.51269	0.00039	0.01790	2.13172E-06	3.8810E-04	610987.43	4205840.03	1749.51269	0.00011	0.01790	2.13172E-06	1.1149E-04
610994.43	4205840.03	1695.33261	0.00037	0.01765	2.10194E-06	3.7612E-04	610994.43	4205840.03	1695.33261	0.00011	0.01765	2.10194E-06	1.0808E-04
611001.43	4205840.03	1644.94906	0.00036	0.01741	2.07336E-06	3.6497E-04	611001.43	4205840.03	1644.94906	0.00010	0.01741	2.07336E-06	1.0490E-04
611008.43	4205840.03	1597.89586	0.00035	0.01717	2.04478E-06	3.5456E-04	611008.43	4205840.03	1597.89586	0.00010	0.01717	2.04478E-06	1.0193E-04
611015.43	4205840.03	1553.92951	0.00034	0.01694	2.01739E-06	3.4484E-04	611015.43	4205840.03	1553.92951	0.00010	0.01694	2.01739E-06	9.9154E-05
611022.43	4205840.03	1512.68038	0.00033	0.01671	1.99000E-06	3.3570E-04	611022.43	4205840.03	1512.68038	0.00009	0.01671	1.99000E-06	9.6548E-05
611029.43	4205840.03	1473.97671	0.00033	0.01649	1.96380E-06	3.2714E-04	611029.43	4205840.03	1473.97671	0.00009	0.01649	1.96380E-06	9.4102E-05
611036.43	4205840.03	1437.51738	0.00032	0.01627	1.93760E-06	3.1907E-04	611036.43	4205840.03	1437.51738	0.00009	0.01627	1.93760E-06	9.1797E-05
611043.43	4205840.03	1403.11135	0.00031	0.01606	1.91259E-06	3.1146E-04	611043.43	4205840.03	1403.11135	0.00009	0.01606	1.91259E-06	8.9621E-05
611050.43	4205840.03	1370.56917	0.00030	0.01585	1.88758E-06	3.0425E-04	611050.43	4205840.03	1370.56917	0.00009	0.01585	1.88758E-06	8.7562E-05
611057.43	4205840.03	1339.73486	0.00030	0.01565	1.86376E-06	2.9741E-04	611057.43	4205840.03	1339.73486	0.00008	0.01565	1.86376E-06	8.5613E-05
611064.43	4205840.03	1310.48048	0.00029	0.01545	1.83994E-06	2.9095E-04	611064.43	4205840.03	1310.48048	0.00008	0.01545	1.83994E-06	8.3758E-05
611071.43	4205840.03	1282.64624	0.00028	0.01526	1.81732E-06	2.8479E-04	611071.43	4205840.03	1282.64624	0.00008	0.01526	1.81732E-06	8.1996E-05
611078.43	4205840.03	1255.71456	0.00027	0.01507	1.79488E-06	2.7888E-04	611078.43	4205840.03	1255.71456	0.00008	0.01507	1.79488E-06	8.0316E-05
611085.43	4205840.03	1229.55445	0.00026	0.01489	1.77293E-06	2.7312E-04	611085.43	4205840.03	1229.55445	0.00007	0.01489	1.77293E-06	7.8706E-05
611092.43	4205840.03	1204.29102	0.00026	0.01471	1.75148E-06	2.6756E-04	611092.43	4205840.03	1204.29102	0.00007	0.01471	1.75148E-06	7.7128E-05
611099.43	4205840.03	1179.87662	0.00025	0.01453	1.73044E-06	2.6220E-04	611099.43	4205840.03	1179.87662	0.00007	0.01453	1.73044E-06	7.5582E-05
611106.43	4205840.03	1156.26988	0.00024	0.01436	1.70979E-06	2.5697E-04	611106.43	4205840.03	1156.26988	0.00007	0.01436	1.70979E-06	7.4068E-05
611113.43	4205840.03	1133.38772	0.00024	0.01418	1.68944E-06	2.5187E-04	611113.43	4205840.03	1133.38772	0.00006	0.01418	1.68944E-06	7.2585E-05
611120.43	4205840.03	1111.22966	0.00023	0.01401	1.66939E-06	2.4690E-04	611120.43	4205840.03	1111.22966	0.00006	0.01401	1.66939E-06	7.1132E-05
611127.43	4205840.03	1089.79431	0.00022	0.01384	1.64963E-06	2.4205E-04	611127.43	4205840.03	1089.79431	0.00006	0.01384	1.64963E-06	6.9708E-05
611134.43	4205840.03	1068.97249	0.00022	0.01367	1.63015E-06	2.3731E-04	611134.43	4205840.03	1068.97249	0.00006	0.01367	1.63015E-06	6.8312E-05
611141.43	4205840.03	1048.74966	0.00021	0.01351	1.61113E-06	2.3268E-04	611141.43	4205840.03	1048.74966	0.00006	0.01351	1.61113E-06	6.6944E-05
611148.43	4205840.03	1029.11966	0.00021	0.01335	1.59258E-06	2.2817E-04	611148.43	4205840.03	1029.11966	0.00005	0.01335	1.59258E-06	6.5615E-05
611155.43	4205840.03	1010.00178	0.00020	0.01320	1.57450E-06	2.2377E-04	611155.43	4205840.03	1010.00178	0.00005	0.01320	1.57450E-06	6.4322E-05
611162.43	4205840.03	991.39124	0.00020	0.01305	1.55688E-06	2.1948E-04	611162.43	4205840.03	991.39124	0.00005	0.01305	1.55688E-06	6.3064E-05
611169.43	4205840.03	973.27284	0.00019	0.01290	1.53971E-06	2.1529E-04	611169.43	4205840.03	973.27284	0.00005	0.01290	1.53971E-06	6.1841E-05
611176.43	4205840.03	955.63966	0.00019	0.01276	1.52297E-06	2.1120E-04	611176.43	4205840.03	955.63966	0.00005	0.01276	1.52297E-06	6.0651E-05
611183.43	4205840.03	938.48744	0.00018	0.01262	1.50665E-06	2.0721E-04	611183.43	4205840.03	938.48744	0.00004	0.01262	1.50665E-06	5.9494E-05
611190.43	4205840.03	921.81202	0.00018	0.01248	1.49074E-06	2.0331E-04	611190.43	4205840.03	921.81202	0.00004	0.01248	1.49074E-06	5.8369E-05
611197.43	4205840.03	905.60945	0.00017	0.01235	1.47523E-06	1.9951E-04	611197.43	4205840.03	905.60945	0.00004	0.01235	1.47523E-06	5.7276E-05
611204.43	4205840.03	889.87599	0.00017	0.01222	1.46011E-06	1.9580E-04	611204.43	4205840.03	889.87599	0.00004	0.01222	1.46011E-06	5.6214E-05
611211.43	4205840.03	874.60809	0.00017	0.01209	1.44538E-06	1.9218E-04	611211.43	4205840.03	874.60809	0.00004	0.01209	1.44538E-06	5.5183E-05
611218.43	4205840.03	859.80222	0.00016	0.01197	1.43103E-06	1.8865E-04	611218.43	4205840.03	859.80222	0.00004	0.01197	1.43103E-06	5.4182E-05
611225.43	4205840.03	845.45539	0.00016	0.01184	1.41705E-06	1.8521E-04	611225.43	4205840.03	845.45539	0.00004	0.01184	1.41705E-06	5.3211E-05
611232.43	4205840.03	831.56525	0.00015	0.01172	1.40344E-06	1.8185E-04	611232.43	4205840.03	831.56525	0.00003	0.01172	1.40344E-06	5.2268E-05
611239.43	4205840.03	818.12955	0.00015	0.01160	1.39020E-06	1.7858E-04	611239.43	4205840.03	818.12955	0.00003	0.01160	1.39020E-06	5.1353E-05
611246.43	4205840.03	805.14609	0.00015	0.01148	1.37732E-06	1.7539E-04	611246.43	4205840.03	805.14609	0.00003	0.01148	1.37732E-06	5.0465E-05
611253.43	4205840.03	792.61267	0.00014	0.01137	1.36480E-06	1.7228E-04	611253.43	4205840.03	792.61267	0.00003	0.01137	1.36480E-06	4.9604E-05
611260.43	4205840.03	780.52707	0.00014	0.01125	1.35263E-06	1.6925E-04	611260.43	4205840.03	780.52707	0.00003	0.01125	1.35263E-06	4.8769E-05
611267.43	4205840.03	768.88707	0.00014	0.01114	1.34080E-06	1.6630E-04	611267.43	4205840.03	768.88707	0.00003	0.01114	1.34080E-06	4.7959E-05
611274.43	4205840.03	757.68045	0.00013	0.01103	1.32931E-06	1.6343E-04	611274.43	4205840.03	757.68045	0.00003	0.01103	1.32931E-06	4.7174E-05
611281.43	4205840.03	746.90502	0.00013	0.01092	1.31815E-06	1.6063E-04	611281.43	4205840.03	746.90502	0.00003	0.01092	1.31815E-06	4.6413E-05
611288.43	4205840.03	736.55866	0.00013	0.01081	1.30732E-06	1.5791E-04	611288.43	4205840.03	736.55866	0.00003	0.01081	1.30732E-06	4.5676E-05
611295.43	4205840.03	726.63927	0.00012	0.01071	1.29681E-06	1.5526E-04	611295.43	4205840.03	726.63927	0.00003	0.01071	1.29681E-06	4.4962E-05
611302.43	4205840.03	717.14479	0.00012	0.01060	1.28662E-06	1.5268E-04	611302.43	4205840.03	717.14479	0.00003	0.01060	1.28662E-06	4.4271E-05
611309.43	4205840.03	708.07312	0.00012	0.01050	1.27674E-06	1.5017E-04	611309.43	4205840.03	708.07312	0.00002	0.01050	1.27674E-06	4.3602E-05
611316.43	4205840.03	699.42224	0.00011	0.01040	1.26716E-06	1.4773E-04	611316.43	4205840.03	699.42224	0.00002	0.01040	1.26716E-06	4.2955E-05
611323.43	4205840.03	691.18923	0.00011	0.01030	1.25788E-06	1.4535E-04	611323.43	4205840.03	691.18923	0.00002	0.01030	1.25788E-06	4.2329E-05
611330.43	4205840.03	683.36712	0.00011	0.01020	1.24889E-06	1.4304E-04	611330.43	4205840.03	683.36712	0.00002	0.01020	1.24889E-06	4.1724E-05
611337.43	4205840.03	675.95394	0.00010	0.01010	1.24018E-06	1.4079E-04	611337.43	4205840.03	675.95394	0.00002	0.01010	1.24018E-06	4.1139E-05
611344.43	4205840.03	668.93777	0.00010	0.01000	1.23175E-06	1.3860E-04	611344.43	4205840.03	668.93777	0.00002	0.01000	1.23175E-06	4.0573E-05
611351.43	4205840.03	662.31668	0.00010	0.00990	1.22359E-06	1.3647E-04	611351.43	4205840.03	662.31668	0.00002	0.00990	1.22359E-06	4.0025E-05
611358.43	4205840.03	656.08881	0.00009	0.00981	1.21570E-06	1.3439E-04	611358.43	4205840.03	656.08881	0.00002	0.00981	1.21570E-06	3.9494E-05
611365.43	4205840.03	650.24236	0.00009	0.00971	1.20807E-06	1.3236E-04	611365.43	4205840.03	650.24236	0.00002	0.00971	1.20807E-06	3.8980E-05
611372.43	4205840.03	644.77564	0.00009	0.00962	1.20071E-06	1.3038E-04	611372.43	4205840.03	644.77564	0.00002	0.00962	1.20071E-06	3.8482E-05
611379.43	4205840.03	639.68707	0.00008	0.00953	1.19359E-06	1.2845E-04	611379.43	4205840.03	639.68707	0.00002	0.00953	1.19359E-06	3.8000E-05
611386.43	4205840.03	634.97525	0.00008	0.00944	1.18671E-06	1.2657E-04	611386.43	4205840.03	634.97525	0.00002	0.00944	1.18671E-06	3.7534E-05
611393.43	4205840.03	630.63894	0.00008	0.00935	1.18007E-06	1.2474E-04	611393.43	4205840.03	630.63894	0.00002	0.00935	1.18007E-06	3.7083E-05
611400.43	4205840.03	626.67702	0.00008	0.00926	1.17366E-06	1.2295E-04	611400.43	4205840.03	626.67702	0.00002	0.00926	1.17366E-06	3.6646E-05
611407.43	4205840.03	623.08853	0.00007	0.00918	1.16747E-06	1.2121E-04	611407.43	4205840.03	623.08853	0.00002	0.00918	1.16747E-06	3.6224E-05
611414.43	4205840.03	619.87262	0.00007	0.00909	1.16150E-06	1.1951E-04	611414.43	4205840.03	619.87262	0.00002	0.00909	1.16150E-06	3.5815E-05
611421.43	4205840.03	617.02855	0.00007	0.00901	1.15574E-06	1.1785E-04	611421.43	4205840.03	617.02855	0.00002	0.00901	1.15574E-06	3.5419E-05
611428.43	4205840.03	614.55574	0.00007	0.00893	1.15019E-06	1.1623E-04	611428.43	4205840.03	614.55574	0.00002	0.00893	1.15019E-06	3.5036E-05
611435.43	4205840.03	612.45369	0.00006	0.00885	1.14485E-06	1.1465E-04	611435.43	4205840.03	612.45369	0.00002	0.00885	1.14485E-06	3.4666E-05
611442.43	4205840.03	610.72199	0.00006	0.00877	1.13972E-06	1.1312E-04	611442.43	4205840.03	610.72199	0.00002	0.00877	1.13972E-06	3.4309E-05
611449.43	4205840.03	609.25999	0.00006	0.00870	1.13479E-06	1.1163E-04	611449.43	4205840.03	609.25999	0.00002	0.00870	1.13479E-06	3.3964E-05
611456.43	4205840.03	608.16716	0.00006	0.00863	1.13006E-06	1.1018E-04	611456.43	4205840.03	608.16716	0.00002	0.00863	1.13006E-06	3.3631E-05
611463.43	4205840.03	607.44299	0.00006	0.00856	1.12553E-06	1.0877E-04	611463.43	4205840.03	607.44299	0.00002	0.00856	1.12553E-06	3.3311E-05
611470.43	4205840.03	607.09699	0.00006	0.00850	1.12120E-06	1.0740E-04	611470.43	4205840.03	607.09699	0.00002	0.00850	1.12120E-06	3.3003E-05
611477.43	4205840.03	607.12868	0.00006	0.00844	1.11707E-06	1.0607E-04	611477.43	4205840.03	607.12868	0.00002	0.00844	1.11707E-06	3.2707E-05
611484.43	4205840.03	607.53757	0.00006	0.00838	1.11313E-06	1.0478E-04	611484.43	4205840.03	607.53757	0.00002	0.00838	1.11313E-06	3.2424E-05
611491.43	4205840.03	608.32318	0.00006	0.00833	1.10939E-06	1.0353E-04	611491.43	4205840.03	608.32318	0.00002	0.00833	1.10939E-06	3.2153E-05
611498.43	4205840.03	609.48504	0.00006	0.00828	1.10584E-06	1.0232E-04	611498.43	4205840.03	609.48504	0.00002	0.00828	1.10584E-06	3.1894E-05
611505.43	4205840.03	611.02268	0.00006	0.00823	1.10248E-06	1.0115E-04	611505.43	4205840.03	611.02268	0.00002	0.00823	1.10248E-06	3.1648E-05
611512.43	4205840.03	612.94045	0.00006	0.00819	1.09931E-06	1.0002E-04	611512.43	4205840.03	612.94045	0.00002	0.00819	1.09931E-06	3.1414E-05
611519.43	4205840.03	615.23289	0.00006	0.00815	1.09633E-06	9.8931E-05	611519.43	4205840.03	615.23289	0.00002	0.00815	1.09633E-06	3.1192E-05
611526.43	4205840.03	617.89446	0.00006	0.00811	1.09354E-06	9.7864E-05	611526.43	4205840.03	617.89446	0.00002	0.00811	1.09354E-06	3.0983E-05
611533.43	4205840.03	620.92001	0.00006	0.00808	1.09094E-06	9.6817E-05	611533.43	4205840.03	620.92001	0.00002	0.00808	1.09094E-06	3.0786E-05
611540.43	4205840.03	624.30427	0.00006	0.00805	1.08853E-06	9.5790E-05	611540.43	4205840.03	624.30427	0.00002	0.00805	1.08853E-06	3.0601E-05
611547.43	4205840.03	628.03208	0.00006	0.00802	1.08631E-06	9.4783E-05	611547.43	4205840.03	628.03208	0.00002	0.00802	1.08631E-06	3.0429E-05
611554.43	4205840.03	632.08825	0.00006	0.00800	1.08428E-06	9.3796E-05	611554.43	4205840.03	632.08825	0.00002	0.00800	1.08428E-06	3.0269E-05
611561.43	4205840.03	636.46758	0.00006	0.00798	1.08244E-06	9.2829E-05	611561.43	4205840.03	636.46758	0.00002	0.00798	1.08244E-06	3.0122E-05
611568.43	4205840.03	641.15485	0.00006	0.00796	1.08079E-06	9.1882E-05	611568.43	4205840.03	641.15485	0.00002	0.00796	1.08079E-06	2.9988E-05
611575.43	4205840.03	646.13481	0.00006	0.00795	1.07933E-06	9.0955E-05	611575.43	4205840.03	646.13481	0.00002	0.00795	1.07933E-06	2.9866E-05
611582.43	4205840.03	651.39218	0.00006	0.00794	1.07806E-06	9.0048E-05	611582.43	4205840.03	651.39218	0.00002	0.00794	1.07806E-06	2.9757E-05
611589.43	4205840.03	656.91172	0.00006	0.00793	1.07698E-06	8.9161E-05	611589.43	4205840.03	656.91172	0.00002	0.00793	1.07698E-06	2.9661E-05
611596.43	4205840.03	662.67819	0.00006	0.00792	1.07609E-06	8.8294E-05	611596.43	4205840.03	662.67819	0.00002	0.00792	1.07609E-06	2.9578E-05
611603.43	4205840.03	668.67636	0.00006	0.00792	1.07539E-06	8.7447E-05	611603.43	4205840.03	668.67636	0.00002	0.00792	1.07539E-06	2.9508E-05
611610.43	4205840.03	674.89101	0.00006	0.00791	1.07488E-06	8.6620E-05	611610.43	4205840.03	674.89101	0.00002	0.00791	1.07488E-06	2.9451E-05
611617.43	4205840.03	681.30693	0.00006	0.00791	1.07456E-06	8.5813E-05	611617.43	4205840.03	681.30693	0.00002	0.00791	1.07456E-06	2.9407E-05
611624.43	4205840.03	687.90891	0.00006	0.00791	1.07443E-06	8.5026E-05	611624.43	4205840.03	687.90891	0.00002	0.00791	1.07443E-06	2.9377E-05
611631.43	4205840.03	694.68174	0.00006	0.00791	1.07449E-06	8.4259E-05	611631.43	4205840.03	694.68174	0.00002	0.00791	1.07449E-06	2.9360E-05
611638.43	4205840.03	701.61023	0.00006	0.00791	1.07474E-06	8.3512E-05	611638.43	4205840.03	701.61023	0.00002	0.00791	1.07474E-06	2.9357E-05
611645.43	4205840.03	708.67917	0.00006	0.00792	1.07518E-06	8.2785E-05	611645.43	4205840.03	708.67917	0.00002	0.00792	1.07518E-06	2.9367E-05
611652.43	4205840.03	715.86337	0.00006	0.00792	1.07581E-06	8.2078E-05	611652.43	4205840.03	715.86337	0.00002	0.00792	1.07581E-06	2.9391E-05
611659.43	4205840.03	723.14762	0.00006	0.00793	1.07663E-06	8.1391E-05	611659.43	4205840.03	723.14762	0.00002	0.00793	1.07663E-06	2.9428E-05
611666.43	4205840.03	730.51668	0.00006	0.00794	1.07764E-06	8.0724E-05	611666.43	4205840.03	730.51668	0.00002	0.00794	1.07764E-06	2.9479E-05
611673.43	4205840.03	737.95525	0.00006	0.00795	1.07884E-06	8.0077E-05	611673.43	4205840.03	737.95525	0.00002	0.00795	1.07884E-06	2.9543E-05
611680.43	4205840.03	745.44801	0.00006	0.00796	1.08023E-06	7.9450E-05	611680.43	4205840.03	745.44801	0.00002	0.00796	1.08023E-06	2.9621E-05
611687.43	4205840.03	752.98966	0.00006	0.00797	1.08181E-06	7.8843E-05	611687.43	4205840.03	752.98966	0.00002	0.00797	1.08181E-06	2.9712E-05
611694.43	4205840.03	760.56485	0.00006	0.00799	1.08358E-06	7.8256E-05	611694.43	4205840.03	760.56485	0.00002	0.00799	1.08358E-06	2.9817E-05
611701.43	4205840.03	768.15824	0.00006	0.00800	1.08554E-06	7.7689E-05	611701.43	4205840.03	768.15824	0.00002	0.00800	1.08554E-06	2.9936E-05
611708.43	4205840.03	775.75446	0.00006	0.00802	1.08769E-06	7.7142E-05	611708.43	4205840.03	775.75446	0.00002	0.00802	1.08769E-06	3.0069E-05
611715.43	4205840.03	783.33816	0.00006	0.00804	1.09003E-06	7.6615E-05	611715.43	4205840.03	783.33816	0.00002	0.00804	1.09003E-06	3.0216E-05
611722.43	4205840.03	790.89406	0.00006	0.00806	1.09256E-06	7.6108E-05	611722.43	4205840.03	790.89406	0.00002	0.00806	1.09256E-06	3.0377E-05
611729.43	4205840.03	798.40693	0.00006	0.00808	1.09528E-06	7.5621E-05	611729.43	4205840.03	798.40693	0.00002	0.00808	1.09528E-06	3.0552E-05
611736.43	4205840.03	805.86161	0.00006	0.00810	1.09819E-06	7.5154E-05	611736.43	4205840.03	805.86161	0.00002	0.00810	1.09819E-06	3.0741E-05
611743.43	4205840.03	813.24301	0.00006	0.00812	1.10129E-06	7.4707E-05	611743.43	4205840.03	813.24301	0.00002	0.00812	1.10129E-06	3.0944E-05
611750.43	4205840.03	820.53603	0.00006	0.00815	1.10458E-06	7.4281E-05	611750.43	4205840.03	820.53603	0.00002	0.00815	1.10458E-06	3.1161E-05
611757.43	4205840.03	827.72564	0.00006	0.00817	1.10806E-06	7.3875E-05	611757.43	4205840.03	827.72564	0.00002	0.00817	1.10806E-06

610840.43	4205854.03	5358.34535	0.00118	0.02645	3.149938-06	1.18536-03	610840.43	4205854.03	5358.34535	0.00033	0.02645	3.149938-06	3.38108-04		
610847.43	4205854.03	4991.66378	0.00110	0.02591	3.085626-06	1.10416-03	610847.43	4205854.03	4991.66378	0.00031	0.02591	3.085626-06	3.15126-04		
610854.43	4205854.03	4657.14446	0.00103	0.02538	3.022516-06	1.03056-03	610854.43	4205854.03	4657.14446	0.00029	0.02538	3.022516-06	2.94148-04		
610861.43	4205854.03	4352.56003	0.00096	0.02488	2.962966-06	9.63206-04	610861.43	4205854.03	4352.56003	0.00027	0.02488	2.962966-06	2.75046-04		
610868.43	4205854.03	4075.75197	0.00090	0.02440	2.905806-06	9.02076-04	610868.43	4205854.03	4075.75197	0.00025	0.02440	2.905806-06	2.57686-04		
610875.43	4205854.03	3824.41216	0.00084	0.02394	2.851026-06	8.46576-04	610875.43	4205854.03	3824.41216	0.00024	0.02394	2.851026-06	2.41926-04		
610882.43	4205854.03	3596.42278	0.00079	0.02350	2.798626-06	7.96226-04	610882.43	4205854.03	3596.42278	0.00022	0.02350	2.798626-06	2.27616-04		
610889.43	4205854.03	3389.68415	0.00075	0.02307	2.747416-06	7.50566-04	610889.43	4205854.03	3389.68415	0.00021	0.02307	2.747416-06	2.14646-04		
610910.43	4205854.03	2877.66273	0.00063	0.02188	2.605696-06	6.37466-04	610910.43	4205854.03	2877.66273	0.00018	0.02188	2.605696-06	1.82496-04		
610917.43	4205854.03	2737.31002	0.00060	0.02151	2.561636-06	6.06456-04	610917.43	4205854.03	2737.31002	0.00017	0.02151	2.561636-06	1.73676-04		
610924.43	4205854.03	2609.50185	0.00058	0.02115	2.518766-06	5.78216-04	610924.43	4205854.03	2609.50185	0.00016	0.02115	2.518766-06	1.65646-04		
610931.43	4205854.03	2493.05654	0.00055	0.02081	2.478276-06	5.52486-04	610931.43	4205854.03	2493.05654	0.00016	0.02081	2.478276-06	1.58326-04		
610938.43	4205854.03	2386.67931	0.00053	0.02048	2.438976-06	5.28976-04	610938.43	4205854.03	2386.67931	0.00015	0.02048	2.438976-06	1.51636-04		
610945.43	4205854.03	2289.38394	0.00051	0.02015	2.399676-06	5.07476-04	610945.43	4205854.03	2289.38394	0.00014	0.02015	2.399676-06	1.45516-04		
610952.43	4205854.03	2200.15936	0.00049	0.01984	2.362756-06	4.87756-04	610952.43	4205854.03	2200.15936	0.00014	0.01984	2.362756-06	1.39906-04		
610959.43	4205854.03	2118.23171	0.00047	0.01954	2.327026-06	4.69646-04	610959.43	4205854.03	2118.23171	0.00013	0.01954	2.327026-06	1.34746-04		
610966.43	4205854.03	2042.72488	0.00045	0.01925	2.292486-06	4.52956-04	610966.43	4205854.03	2042.72488	0.00013	0.01925	2.292486-06	1.29986-04		
610973.43	4205854.03	1973.04504	0.00044	0.01896	2.257956-06	4.3754e-04	610973.43	4205854.03	1973.04504	0.00012	0.01896	2.257956-06	1.25596-04		
610980.43	4205854.03	1908.5874	0.00042	0.01869	2.225796-06	4.2326e-04	610980.43	4205854.03	1908.5874	0.00012	0.01869	2.225796-06	1.21536-04		
610987.43	4205854.03	1848.80073	0.00041	0.01842	2.193646-06	4.10066-04	610987.43	4205854.03	1848.80073	0.00012	0.01842	2.193646-06	1.17766-04		
610994.43	4205854.03	1793.20169	0.00040	0.01816	2.162686-06	3.97776-04	610994.43	4205854.03	1793.20169	0.00011	0.01816	2.162686-06	1.14266-04		
611001.43	4205854.03	1741.39136	0.00038	0.01790	2.131716-06	3.86316-04	611001.43	4205854.03	1741.39136	0.00011	0.01790	2.131716-06	1.10996-04		
611008.43	4205854.03	1692.9663	0.00037	0.01765	2.101946-06	3.75596-04	611008.43	4205854.03	1692.9663	0.00011	0.01765	2.101946-06	1.07916-04		
611015.43	4205854.03	1647.6441	0.00036	0.01741	2.073366-06	3.65576-04	611015.43	4205854.03	1647.6441	0.00010	0.01741	2.073366-06	1.05076-04		
611022.43	4205854.03	1605.06305	0.00035	0.01718	2.045976-06	3.56146-04	611022.43	4205854.03	1605.06305	0.00010	0.01718	2.045976-06	1.02386-04		
611029.43	4205854.03	1565.03498	0.00035	0.01695	2.018586-06	3.47286-04	611029.43	4205854.03	1565.03498	0.00010	0.01695	2.018586-06	9.98486-05		
611036.43	4205854.03	1527.26907	0.00034	0.01672	1.991196-06	3.38986-04	611036.43	4205854.03	1527.26907	0.00010	0.01672	1.991196-06	9.74616-05		
611043.43	4205854.03	1491.56105	0.00033	0.01650	1.964996-06	3.3102e-04	611043.43	4205854.03	1491.56105	0.00009	0.01650	1.964996-06	9.52036-05		
611078.43	4205854.03	1338.35649	0.00030	0.01547	1.842126-06	2.9718e-04	611078.43	4205854.03	1338.35649	0.00008	0.01547	1.842126-06	8.55016-05		
611085.43	4205854.03	1311.83708	0.00029	0.01528	1.819706-06	2.9123e-04	611085.43	4205854.03	1311.83708	0.00008	0.01528	1.819706-06	8.38236-05		
611094.43	4205861.03	8683.22124	0.00192	0.12668	1.508636-05	1.9307e-03	611094.43	4205861.03	8683.22124	0.00054	0.12668	1.508636-05	5.57686-04		
611001.43	4205861.03	8965.72159	0.00198	0.12560	1.495776-05	1.9928e-03	611001.43	4205861.03	8965.72159	0.00056	0.12560	1.495776-05	5.75416-04		
611008.43	4205861.03	9258.85704	0.00204	0.12448	1.482436-05	2.0575E-03	611008.43	4205861.03	9258.85704	0.00058	0.12448	1.482436-05	5.93606-04		
611015.43	4205861.03	9563.06597	0.00211	0.12336	1.469106-05	2.1244E-03	611015.43	4205861.03	9563.06597	0.00060	0.12336	1.469106-05	6.12486-04		
611022.43	4205861.03	9878.07557	0.00218	0.12220	1.455286-05	2.1938E-03	611022.43	4205861.03	9878.07557	0.00062	0.12220	1.455286-05	6.32036-04		
610329.43	4205861.03	10204.56651	0.00225	0.12100	1.440996-05	2.2657E-03	610329.43	4205861.03	10204.56651	0.00064	0.12100	1.440996-05	6.5238e-04		
610336.43	4205861.03	10543.21746	0.00233	0.11982	1.426946-05	2.3402E-03	610336.43	4205861.03	10543.21746	0.00066	0.11982	1.426946-05	6.7333e-04		
610343.43	4205861.03	10893.55056	0.00240	0.11857	1.412056-05	2.4174E-03	610343.43	4205861.03	10893.55056	0.00068	0.11857	1.412056-05	6.9508e-04		
610350.43	4205861.03	11258.08301	0.00248	0.11731	1.397056-05	2.4977E-03	610350.43	4205861.03	11258.08301	0.00070	0.11731	1.397056-05	7.1772e-04		
610357.43	4205861.03	11635.80482	0.00257	0.11602	1.381686-05	2.5808E-03	610357.43	4205861.03	11635.80482	0.00073	0.11602	1.381686-05	7.4117e-04		
610364.43	4205861.03	12026.04863	0.00265	0.11471	1.366086-05	2.6668E-03	610364.43	4205861.03	12026.04863	0.00075	0.11471	1.366086-05	7.6541e-04		
610371.43	4205861.03	12430.0095	0.00274	0.11339	1.350366-05	2.7557E-03	610371.43	4205861.03	12430.0095	0.00078	0.11339	1.350366-05	7.9051e-04		
610378.43	4205861.03	12847.34061	0.00283	0.11204	1.33429E-05	2.8476E-03	610378.43	4205861.03	12847.34061	0.00080	0.11204	1.33429E-05	8.1643E-04		
610385.43	4205861.03	13277.66292	0.00293	0.11067	1.317976-05	2.9424E-03	610385.43	4205861.03	13277.66292	0.00083	0.11067	1.317976-05	8.4317E-04		
610392.43	4205861.03	13722.08602	0.00303	0.10928	1.301426-05	3.0403E-03	610392.43	4205861.03	13722.08602	0.00086	0.10928	1.301426-05	8.7078E-04		
610399.43	4205861.03	14179.52485	0.00313	0.10787	1.284636-05	3.1410E-03	610399.43	4205861.03	14179.52485	0.00089	0.10787	1.284636-05	8.9921E-04		
610406.43	4205861.03	14651.05093	0.00323	0.10645	1.267726-05	3.2448E-03	610406.43	4205861.03	14651.05093	0.00092	0.10645	1.267726-05	9.2852E-04		
610413.43	4205861.03	15135.35148	0.00334	0.10501	1.250576-05	3.3516E-03	610413.43	4205861.03	15135.35148	0.00095	0.10501	1.250576-05	9.5861E-04		
610420.43	4205861.03	15633.20677	0.00345	0.10356	1.233306-05	3.4612E-03	610420.43	4205861.03	15633.20677	0.00098	0.10356	1.233306-05	9.8957E-04		
610427.43	4205861.03	16143.76686	0.00356	0.10210	1.215916-05	3.5737E-03	610427.43	4205861.03	16143.76686	0.00101	0.10210	1.215916-05	1.0218E-03		
610434.43	4205861.03	16665.79816	0.00368	0.10061	1.198176-05	3.6887E-03	610434.43	4205861.03	16665.79816	0.00104	0.10061	1.198176-05	1.0548E-03		
610441.43	4205861.03	17199.91924	0.00379	0.09912	1.180426-05	3.8063E-03	610441.43	4205861.03	17199.91924	0.00108	0.09912	1.180426-05	1.0870E-03		
610448.43	4205861.03	17743.82885	0.00391	0.09762	1.162566-05	3.9262E-03	610448.43	4205861.03	17743.82885	0.00111	0.09762	1.162566-05	1.1208E-03		
610455.43	4205861.03	18297.90655	0.00404	0.09611	1.144586-05	4.0482E-03	610455.43	4205861.03	18297.90655	0.00114	0.09611	1.144586-05	1.1553E-03		
610462.43	4205861.03	18859.4653	0.00416	0.09457	1.126246-05	4.1739E-03	610462.43	4205861.03	18859.4653	0.00118	0.09457	1.126246-05	1.1902E-03		
610469.43	4205861.03	19428.40749	0.00429	0.09302	1.107786-05	4.2978E-03	610469.43	4205861.03	19428.40749	0.00121	0.09302	1.107786-05	1.2256E-03		
610476.43	4205861.03	20002.01014	0.00441	0.09146	1.089206-05	4.4236E-03	610476.43	4205861.03	20002.01014	0.00125	0.09146	1.089206-05	1.2612E-03		
610483.43	4205861.03	20577.70425	0.00454	0.08989	1.070506-05	4.5504E-03	610483.43	4205861.03	20577.70425	0.00129	0.08989	1.070506-05	1.2970E-03		
610490.43	4205861.03	21153.66666	0.00467	0.08831	1.051686-05	4.6773E-03	610490.43	4205861.03	21153.66666	0.00132	0.08831	1.051686-05	1.3328E-03		
610504.43	4205861.03	22287.49954	0.00492	0.08510	1.013466-05	4.9271E-03	610504.43	4205861.03	22287.49954	0.00139	0.08510	1.013466-05	1.4038E-03		
610511.43	4205861.03	22842.67282	0.00504	0.08349	9.942836-06	5.0493E-03	610511.43	4205861.03	22842.67282	0.00143	0.08349	9.942836-06	1.4378E-03		
610518.43	4205861.03	23385.29389	0.00516	0.08188	9.75110E-06	5.1689E-03	610518.43	4205861.03	23385.29389	0.00146	0.08188	9.75110E-06	1.4716E-03		
610525.43	4205861.03	23911.21208	0.00528	0.08027	9.55936E-06	5.2887E-03	610525.43	4205861.03	23911.21208	0.00149	0.08027	9.55936E-06	1.5043E-03		
610532.43	4205861.03	24416.16003	0.00539	0.07866	9.36763E-06	5.3959E-03	610532.43	4205861.03	24416.16003	0.00153	0.07866	9.36763E-06	1.5356E-03		
610595.43	4205861.03	27250.62122	0.00601	0.06457	7.689656-06	6.0195E-03	610595.43	4205861.03	27250.62122	0.00170	0.06457	7.689656-06	1.7111E-03		
610602.43	4205861.03	27730.72463	0.00602	0.06307	7.511016-06	6.0282E-03	610602.43	4205861.03	27730.72463	0.00171	0.06307	7.511016-06	1.7135E-03		
610609.43	4205861.03	27260.22008	0.00601	0.06157	7.332386-06	6.0213E-03	610609.43	4205861.03	27260.22008	0.00170	0.06157	7.332386-06	1.7114E-03		
610616.43	4205861.03	27158.23329	0.00599	0.06010	7.157326-06	5.9986E-03	610616.43	4205861.03	27158.23329	0.00170	0.06010	7.157326-06	1.7048E-03		
610623.43	4205861.03	26981.51663	0.00595	0.05864	6.983446-06	5.9595E-03	610623.43	4205861.03	26981.51663	0.00169	0.05864	6.983446-06	1.6936E-03		
610630.43	4205861.03	26730.6777	0.00590	0.05720	6.811956-06	5.9040E-03	610630.43	4205861.03	26730.6777	0.00167	0.05720	6.811956-06	1.6778E-03		
610637.43	4205861.03	26403.80839	0.00583	0.05578	6.642856-06	5.8317E-03	610637.43	4205861.03	26403.80839	0.00165	0.05578	6.642856-06	1.6428E-03		
610644.43	4205861.03	25999.10559	0.00574	0.05438	6.476126-06	5.7422E-03	610644.43	4205861.03	25999.10559	0.00163	0.05438	6.476126-06	1.6317E-03		
610651.43	4205861.03	25522.87079	0.00563	0.05300	6.311786-06	5.6370E-03	610651.43	4205861.03	25522.87079	0.00160	0.05300	6.311786-06	1.6018E-03		
610658.43	4205861.03	24976.7077	0.00551	0.05164	6.149816-06	5.5164E-03	610658.43	4205861.03	24976.7077	0.00156	0.05164	6.149816-06	1.5674E-03		
610665.43	4205861.03	24363.55736	0.00537	0.05031	5.99142E-06	5.3809E-03	610665.43	4205861.03	24363.55736	0.00152	0.05031	5.99142E-06	1.5290E-03		
610672.43	4205861.03	23690.37836	0.00523	0.04900	5.833426-06	5.2318E-03	610672.43	4205861.03	23690.37836	0.00148	0.04900	5.833426-06	1.4867E-03		
610980.43	4205861.03	1965.50625	0.00043	0.01896	2.257956-06	4.3588E-04	610980.43	4205861.03	1965.50625	0.00012	0.01896	2.257956-06	1.2512E-04		
610987.43	4205861.03	1904.8742	0.00042	0.01869	2.225796-06	4.2247E-04	610987.43	4205861.03	1904.8742	0.00012	0.01869	2.225796-06	1.2130E-04		
610994.43	4205861.03	1848.45985	0.00041	0.01842	2.193646-06	4.0998E-04	610994.43	4205861.03	1848.45985	0.00012	0.01842	2.193646-06	1.1774E-04		
611001.43	4205861.03	1795.83605	0.00040	0.01816	2.162686-06	3.9835E-04	611001.43	4205861.03	1795.83605	0.00011	0.01816	2.162686-06	1.1442E-04		
611008.43	4205861.03	1746.64466	0.00039	0.01791	2.132906-06	3.8747E-04	611008.43	4205861.03	1746.64466	0.00011	0.01791	2.132906-06	1.1132E-04		
611015.43	4205861.03	1700.53568	0.00038	0.01766	2.103136-06	3.7726E-04	611015.43	4205861.03	1700.53568	0.00011	0.01766	2.103136-06	1.0840E-04		
611022.43	4205861.03	1657.20859	0.00037	0.01742	2.074556-06	3.6768E-04	611022.43	4205861.03	1657.20859	0.00010	0.01742	2.074556-06	1.0567E-04		
611071.43	4205861.03	1413.06922	0.00031	0.01588	1.893156-06	3.1363E-04	611071.43	4205861.03	1413.06922	0.00009	0.01588	1.893156-06	9.0222E-05		
611078.43	4205861.03	1384.62645	0.00031	0.01568	1.867336-06	3.0731E-04	611078.43	4205861.03	1384.62645	0.00009	0.01568	1.867336-06	8.8421E-05		
611085.43	4205861.03	1357.40514	0.00030	0.01548	1.843526-06	3.0131E-04	611085.43	4205861.03	1357.40514	0.00008	0.01548	1.843526-06	8.6695E-05		
611092.43	4205861.03	1331.32694	0.00029	0.01529	1.820896-06	2.9531E-04	611092.43	4205861.03	1331.32694	0.00008	0.01529	1.820896-06	8.5042E-05		
610294.43	4205868.03	8718.04023	0.00192	0.13014	1.549846-05	1.9388E-03	610294.43	4205868.03	8718.04023	0.00054	0.13014	1.549846-05	5.6046E-04		
610301.43	4205868.03	9006.46382	0.00199	0.12903	1.536626-05	2.0023E-03	610301.43	4205868.03	9006.46382	0.00056	0.12903	1.536626-05	5.7836E-04		
610308.43	4205868.03	9305.44261	0.00205	0.12789	1.523046-05	2.0681E-03	610308.43	4205868.03	9305.44261	0.00058	0.12789	1.523046-05	5.9692E-04		
610315.43	4205868.03	9616.31316	0.00212	0.12675	1.509476-05	2.1366E-03	610315.43	4205868.03	9616.31316	0.00060	0.12675	1.509476-05	6.1621E-04		
610322.43	4205868.03	9938.52919	0.00219	0.12555	1.495186-05	2.2075E-03	610322.43	4205868.03	9938.52919	0.00062	0.12555	1.495186-05	6.3621E-04		
610329.43	4205868.03	10273.2933	0.00227	0.12433	1.480656-05	2.2812E-03	610329.43	4205868.03	10273.2933	0.00064	0.12433	1.480656-05	6.5699E-04		
610336.43	4205868.03	10620.19754	0.00234	0.12308	1.465766-05	2.3576E-03	610336.43	4205868.03	10620.19754	0.00066	0.12308	1.465766-05	6.7853E-04		
610343.43	4205868.03	10980.3786	0.00242	0.12182	1.450766-05	2.4369E-03	610343.43	4205868.03	10980.3786	0.00069	0.12182	1.450766-05	7.0089E-04		
610350.43	4205868.03	11355.81121	0.00251	0.12052	1.435276-05	2.5196E-03	610350.43	4205868.03	11355.81121	0.00071	0.12052	1.435276-05	7.2421E-04		
610357.43	4205868.03	11745.40392	0.00259	0.11921	1.419676-05	2.6054E-03	610357.43	4205868.03	11745.40392	0.00073	0.11921	1.419676-05	7.4840E-04		
610364.43	4205868.03	12149.13674	0.00268	0.11788	1.403836-05	2.6943E-03	610364.43	4205868.03	12149.13674	0.00076	0.11788	1.403836-05	7.7348E-04		
610371.43	4205868.03	12566.63557	0.00277	0.11651	1.387526-05	2.7862E-03	610371.43	4205868.03	12566.63557	0.00079	0.11651	1.387526-05	7.9942E-04		
610378.43	4205868.03	12999.37761	0.00287	0.11514	1.371206-05	2.8816E-03	610378.43	4205868.03	12999.37761	0.00081	0.11514	1.371206-05	8.2631E-04		
610385.43	4205868.03	13446.37737	0.00297	0.11373	1.354416-05	2.9800E-03	610385.43	4205868.03	13446.37737	0.00084	0.11373	1.354416-05	8.5408E-04		
610392.43	4205868.03	13909.04209	0.00307	0.11231	1.337506-05	3.0819E-03	610392.43	4205868.03	13909.04209	0.00087	0.11231	1.337506-05	8.8283E-04		
610399.43	4205868.03	14386.19763	0.00317	0.11087	1.320356-05	3.1870E-03	610399.43	4205868.03	14386.19763	0.00090	0.11087	1.320356-05	9.1249E-04		
610406.43	4205868.03	14879.17324	0.00328	0.10941	1.302966-05	3.2956E-03	610406.43	4205868.03	14879.17324	0.00093	0.10941	1.302966-05	9.4131E-04		
610413.43	4205868.03	15387.28953	0.00339	0.10794	1.285466-05	3.4075E-03	610413.43	4205868.03	15387.28953	0.00096	0.10794	1.285466-05	9.7472E-04		
610420.43	4205868.03	15909.69983	0.00351	0.10644	1.267606-05	3.5226E-03	610420.43	4205868.03	15909.69983	0.00099	0.10644	1.267606-05	1.0072E-03		
610427.43	4205868.03	16447.54432	0.00363	0.10494	1.249736-05	3.6411E-03	610427.43	4205868.03	16447.54432	0.00103	0.10494	1.249736-05	1.0408E-03		
610434.43	4205868.03	16998.95731	0.00375	0.10341	1.231516-05	3.7631E-03	610434.43	4205868.03	16998.95731	0.00106	0.10341	1.231516-05	1.0749E-03		
610441.43	4205868.03	17564.69549	0.00388	0.10188	1.213296-05	3.8871E-03	610441.43	4205868.03	17564.69549	0.00110	0.10188	1.213296-05	1.1101E-03		
610448.43	4205868.03	18142.79136	0.00400	0.10033	1.194836-05	4.0145E-03	610448.43	4205868.03	18142.79136	0.00113	0.10033	1.194836-05	1.1461E-03		
610455.43	4205868.03	18733.49404	0.00413	0.09878	1.176376-05	4.1466E-03	610455.43	4205868.03	18733.49404	0.00117	0.09878	1.176376-05	1.1828E-03		
610462.43	4205868.03	19335.06169	0.00427	0.09719	1.157446-05	4.2772E-03	610462.43	4205868.03	19335.06169	0.00121	0.09719	1.157446-05	1.2202E-03		
610469.43	4205868.03	19945.08422	0.00440	0.09559	1.138386-05	4.4115E-03	610469.43	4205868.03	19945.08422	0.00125	0.09559	1.138386-05	1.2582E-03		
610476.43	4205868.03	20563.56121	0.00454	0.09398	1.119216-05	4.5478E-03	610476.43	4205868.03	20563.56121	0.00129	0.09398	1.119216-05	1.2966E-03		
610483.43	4205868.03	21186.68059	0.00467	0.09236	1.099926-05	4.6851E-03	610483.43	4205868.03	21186.68059	0.00132	0.09236	1.099926-05	1.3354E-03		
610490.43	4205868.03	21812.90331	0.00481	0.09073	1.080506-05	4.8230E-03	610490.43	4205868.03	21812.90331	0.00136	0.09073	1.080506-05	1.3743E-03		
610504.43	4205868.03	23056.46168	0.00509	0.08742	1.041096-05	5.0970E-03	610504.43	4205868.03	23056.46168	0.00144	0.08742	1.041096-05	1.4517E-03		
610511.43	4205868.03	23669.5025	0.00522	0.08576	1.021326-05	5.2320E-03	610511.43	4205868.03	23669.5025	0.00148	0.08576	1.021326-05	1.4898E-03		
610518.43	4205868.03	24272.72668	0.00535	0.08410	1.001556-05	5.3649E-03	610518.43	4205868.03	24272.72668	0.00152	0.08410	1.001556-05	1.5278E-03		
610525.43	4205868.03	24861.24497	0.00548	0.08244	9.81779E-06	5.4945E-03	610525.43	4205868.03	24861.24497	0.00155	0.08244	9.81779E-06	1.5659E-03		
610532.43	4205868.03	25429.2976	0.00561	0.08078	9.620106-06	5.6197E-03	610532.43	4205868.03	25429.2976	0.00159	0.08078	9.620106-06	1.5992E-03		
610595.43	4205868.03	28788.74001	0.00635	0.06620	7.883776-06	6.3591E-03	610595.43	4205868.03	28788.74001	0.00180	0.06620	7.883776-06	1.8075E-03		
610602.43	4205868.03	28866.36606	0.00637	0.06460	7.696796-06	6.3760E-03	610602.43	4205868.03	28866.36606	0.00180	0.06463	7.696796-06	1.8121E-03		
610609.43	4205868.03	28866.10791	0.00637	0.06309	7.513406-06	6.3758E-03	610609.43	4205868.03	28866.10791	0.00180	0.06309	7.513406-06	1.8119E-03		
610616.43	4205868.03	28786.5356	0.00635	0.06156	7.331196-06	6.3580E-03	610616.43	4205868.03	28786.5356	0.00180	0.06156	7.331196-06	1.8068E-03		
610623.43	4205868.03	28623.68	0.00631	0.06005	7.151366-06	6.3219E-03	610623.43	4205868.03	28623.68	0.00179	0.06005	7.151366-06	1.7964E-03		
610630.43	4205868.03	28376.67558	0.00626	0.05856	6.973926-06	6.2673E-03	610630.43	4205868.03	28376.67558	0.00177	0.05856	6.973926-06	1.7808E-03		
610637.43	4205868.03	28045.50035	0.00619	0.05709	6.798856-06	6.1940E-03	610637.43	4205868.03	28045.50035	0.00175	0.05709	6.798856-06	1.7599E-03		
610644.43	4205868.03	27626.96795	0.00609	0.05564	6.626176-06	6.1015E-03	610644.43	4205868.03	27626.96795	0.00173	0.05564	6.626176-06	1.7336E-03		
610651.43	4205868.03	27126.51109	0.00598	0.05421	6.455886-06	5.9909E-03	610651.43	4205868.03	27126.51109	0.00170	0.05421	6.455886-06	1.7021E-03		
610658.43	4205868.03	26546.96879	0.00586	0.05281	6.289156-06	5.8629E-03	610658.43	4205868.03	26546.96879	0.00166	0.05281	6.289156-06	1.6657E-03		
610665.43	4205868.03	25892.92879	0.00571	0.05143	6.124806-06	5.7185E-03	610665.43	4205868.03	25892.92879	0.00162	0.05143	6.124806-06	1.6247E-03		
610693.43	4205868.03	22653.2187	0.00500	0.04620	5.501966-06	5.0031E-03	610693.43	4205868.03	22653.2187	0.00142	0.04620	5.501966-06	1.4216E-03		
610700.43	4205868.03	21723.51425	0.00479	0.04497	5.355486-06	4.7979E-03	610700.43	4205868.03	21723.51425	0.00136	0.04497	5.355486-06	1.3633E-03		
610707.43	4205868.03	20755.67925	0.00458	0.04377	5.212576-06	4.5842E-03	610707.43	4205868.03	20755.67925	0.00130	0.04377	5.212576-06	1.3027E-03		
610557.43	4205868.03	1526.67715	0.00034	0.01652	1.967376-06	3.1877E-04	610557.43	4205868.03	1526.67715	0.00010	0.01652	1.967376-06	9.7405E-05		
611064.43	4205868.03	1494.65328	0.00033	0.01631	1.942366-06	3.3168E-04	611064.43	4205868.03	1494.65328	0.00009	0.01631	1.942366-06	9.5373E-05		
611071.43	4205868.03	1464.07003	0.00032	0.01610	1.917356-06	3.2491E-04	611071.43	4205868.03	1464.07003	0.00009	0.01610

610826.43	4205875.03	6715.98614	0.00148	0.02900	3.453631E-06	1.48516-03	610826.43	4205875.03	6715.98614	0.00042	0.02900	3.453631E-06	4.2327E-04		
610833.43	4205875.03	6221.64972	0.00137	0.02837	3.378598E-06	1.37606-03	610833.43	4205875.03	6221.64972	0.00039	0.02837	3.378598E-06	3.9230E-04		
610840.43	4205875.03	5772.8457	0.00127	0.02777	3.307138E-06	1.27698-03	610840.43	4205875.03	5772.8457	0.00036	0.02777	3.307138E-06	3.6417E-04		
610847.43	4205875.03	5366.47697	0.00118	0.02719	3.238806E-06	1.18726-03	610847.43	4205875.03	5366.47697	0.00034	0.02719	3.238806E-06	3.3870E-04		
610854.43	4205875.03	4999.31903	0.00110	0.02663	3.171377E-06	1.10616-03	610854.43	4205875.03	4999.31903	0.00031	0.02663	3.171377E-06	3.1568E-04		
610861.43	4205875.03	4668.11172	0.00103	0.02610	3.108256E-06	1.03306-03	610861.43	4205875.03	4668.11172	0.00029	0.02610	3.108256E-06	2.9491E-04		
610868.43	4205875.03	4369.54638	0.00096	0.02559	3.047526E-06	9.67036-04	610868.43	4205875.03	4369.54638	0.00027	0.02559	3.047526E-06	2.7619E-04		
610239.43	4205875.03	1733.32374	0.00038	0.01768	2.105516E-06	3.84926-04	610239.43	4205875.03	1733.32374	0.00011	0.01768	2.105516E-06	1.1046E-04		
610236.43	4205875.03	1693.01109	0.00037	0.01744	2.076936E-06	3.7558E-04	611036.43	4205875.03	1693.01109	0.00011	0.01744	2.076936E-06	1.0791E-04		
611043.43	4205875.03	1654.81841	0.00037	0.01721	2.049454E-06	3.67116-04	611043.43	4205875.03	1654.81841	0.00010	0.01721	2.049454E-06	1.0549E-04		
611050.43	4205875.03	1618.52952	0.00036	0.01698	2.022155E-06	3.59096-04	611050.43	4205875.03	1618.52952	0.00010	0.01698	2.022155E-06	1.0320E-04		
611057.43	4205875.03	1583.98464	0.00035	0.01675	1.994766E-06	3.51446-04	611057.43	4205875.03	1583.98464	0.00010	0.01675	1.994766E-06	1.0101E-04		
611064.43	4205875.03	1551.05815	0.00034	0.01654	1.969756E-06	3.44156-04	611064.43	4205875.03	1551.05815	0.00010	0.01654	1.969756E-06	9.8927E-05		
611071.43	4205875.03	1519.59499	0.00034	0.01632	1.943556E-06	3.3718E-04	611071.43	4205875.03	1519.59499	0.00009	0.01632	1.943556E-06	9.6934E-05		
611078.43	4205875.03	1489.49621	0.00033	0.01611	1.918546E-06	3.3052E-04	611078.43	4205875.03	1489.49621	0.00009	0.01611	1.918546E-06	9.5027E-05		
611085.43	4205875.03	1460.64542	0.00032	0.01591	1.894725E-06	3.2413E-04	611085.43	4205875.03	1460.64542	0.00009	0.01591	1.894725E-06	9.3200E-05		
611092.43	4205875.03	1432.9606	0.00032	0.01571	1.870916E-06	3.1800E-04	611092.43	4205875.03	1432.9606	0.00009	0.01571	1.870916E-06	9.1446E-05		
610294.43	4205882.03	8772.54247	0.00194	0.13749	1.637376E-05	1.9517E-03	610294.43	4205882.03	8772.54247	0.00055	0.13749	1.637376E-05	5.6475E-04		
610301.43	4205882.03	9071.06262	0.00200	0.13630	1.623205E-05	2.0174E-03	610301.43	4205882.03	9071.06262	0.00057	0.13630	1.623205E-05	5.8327E-04		
610308.43	4205882.03	9381.69687	0.00207	0.13511	1.609035E-05	2.0858E-03	610308.43	4205882.03	9381.69687	0.00059	0.13511	1.609035E-05	6.0254E-04		
610315.43	4205882.03	9704.9123	0.00214	0.13389	1.594505E-05	2.1570E-03	610315.43	4205882.03	9704.9123	0.00061	0.13389	1.594505E-05	6.2260E-04		
610322.43	4205882.03	10041.56602	0.00222	0.13264	1.579615E-05	2.2311E-03	610322.43	4205882.03	10041.56602	0.00063	0.13264	1.579615E-05	6.4350E-04		
610329.43	4205882.03	10391.38886	0.00229	0.13137	1.564495E-05	2.3081E-03	610329.43	4205882.03	10391.38886	0.00065	0.13137	1.564495E-05	6.6521E-04		
610336.43	4205882.03	10755.22456	0.00237	0.13004	1.548655E-05	2.3882E-03	610336.43	4205882.03	10755.22456	0.00067	0.13004	1.548655E-05	6.8780E-04		
610343.43	4205882.03	11133.60793	0.00246	0.12870	1.532695E-05	2.4716E-03	610343.43	4205882.03	11133.60793	0.00070	0.12870	1.532695E-05	7.1129E-04		
610350.43	4205882.03	11530.58729	0.00254	0.12736	1.516736E-05	2.5590E-03	610350.43	4205882.03	11530.58729	0.00072	0.12736	1.516736E-05	7.3509E-04		
610357.43	4205882.03	11942.77056	0.00263	0.12599	1.500625E-05	2.6497E-03	610357.43	4205882.03	11942.77056	0.00075	0.12599	1.500625E-05	7.6155E-04		
610364.43	4205882.03	12371.76801	0.00273	0.12459	1.483746E-05	2.7442E-03	610364.43	4205882.03	12371.76801	0.00077	0.12459	1.483746E-05	7.8820E-04		
610371.43	4205882.03	12817.04874	0.00283	0.12317	1.466681E-05	2.8423E-03	610371.43	4205882.03	12817.04874	0.00080	0.12317	1.466681E-05	8.1588E-04		
610378.43	4205882.03	13280.05273	0.00293	0.12172	1.449566E-05	2.9443E-03	610378.43	4205882.03	13280.05273	0.00083	0.12172	1.449566E-05	8.4463E-04		
610385.43	4205882.03	13760.85208	0.00304	0.12025	1.432066E-05	3.0502E-03	610385.43	4205882.03	13760.85208	0.00086	0.12025	1.432066E-05	8.7451E-04		
610392.43	4205882.03	14259.07041	0.00315	0.11876	1.414415E-05	3.1598E-03	610392.43	4205882.03	14259.07041	0.00089	0.11876	1.414415E-05	9.0548E-04		
610399.43	4205882.03	14776.50129	0.00326	0.11725	1.396316E-05	3.2739E-03	610399.43	4205882.03	14776.50129	0.00092	0.11725	1.396316E-05	9.3765E-04		
610406.43	4205882.03	15311.97802	0.00338	0.11571	1.377995E-05	3.3918E-03	610406.43	4205882.03	15311.97802	0.00096	0.11571	1.377995E-05	9.7091E-04		
610413.43	4205882.03	15867.19469	0.00350	0.11415	1.359416E-05	3.5141E-03	610413.43	4205882.03	15867.19469	0.00099	0.11415	1.359416E-05	1.0055E-03		
610420.43	4205882.03	16440.89935	0.00363	0.11258	1.340726E-05	3.6405E-03	610420.43	4205882.03	16440.89935	0.00103	0.11258	1.340726E-05	1.0411E-03		
610427.43	4205882.03	17034.52624	0.00376	0.11099	1.321786E-05	3.7718E-03	610427.43	4205882.03	17034.52624	0.00106	0.11099	1.321786E-05	1.0788E-03		
610434.43	4205882.03	17647.20376	0.00389	0.10938	1.302616E-05	3.9062E-03	610434.43	4205882.03	17647.20376	0.00110	0.10938	1.302616E-05	1.1162E-03		
610441.43	4205882.03	18278.09496	0.00403	0.10776	1.283326E-05	4.0452E-03	610441.43	4205882.03	18278.09496	0.00114	0.10776	1.283326E-05	1.1554E-03		
610448.43	4205882.03	18928.16475	0.00418	0.10612	1.263786E-05	4.1858E-03	610448.43	4205882.03	18928.16475	0.00118	0.10612	1.263786E-05	1.1958E-03		
610455.43	4205882.03	19595.23341	0.00432	0.10447	1.244136E-05	4.3354E-03	610455.43	4205882.03	19595.23341	0.00122	0.10447	1.244136E-05	1.2373E-03		
610462.43	4205882.03	20280.02861	0.00447	0.10278	1.224015E-05	4.4863E-03	610462.43	4205882.03	20280.02861	0.00127	0.10278	1.224015E-05	1.2798E-03		
610469.43	4205882.03	20979.79806	0.00463	0.10108	1.203766E-05	4.6405E-03	610469.43	4205882.03	20979.79806	0.00131	0.10108	1.203766E-05	1.3235E-03		
610476.43	4205882.03	21694.57125	0.00479	0.09937	1.183408E-05	4.7980E-03	610476.43	4205882.03	21694.57125	0.00136	0.09937	1.183408E-05	1.3680E-03		
610483.43	4205882.03	22420.97298	0.00495	0.09764	1.162808E-05	4.9588E-03	610483.43	4205882.03	22420.97298	0.00140	0.09764	1.162808E-05	1.4132E-03		
610490.43	4205882.03	23158.23086	0.00511	0.09591	1.142195E-05	5.1204E-03	610490.43	4205882.03	23158.23086	0.00145	0.09591	1.142195E-05	1.4590E-03		
610504.43	4205882.03	24644.32068	0.00544	0.09238	1.100155E-05	5.4479E-03	610504.43	4205882.03	24644.32068	0.00154	0.09238	1.100155E-05	1.5515E-03		
610511.43	4205882.03	25389.59931	0.00560	0.09062	1.079139E-05	5.6121E-03	610511.43	4205882.03	25389.59931	0.00159	0.09062	1.079139E-05	1.5979E-03		
610518.43	4205882.03	26130.76228	0.00576	0.08884	1.058008E-05	5.7754E-03	610518.43	4205882.03	26130.76228	0.00163	0.08884	1.058008E-05	1.6440E-03		
610525.43	4205882.03	26862.67304	0.00593	0.08707	1.036926E-05	5.9368E-03	610525.43	4205882.03	26862.67304	0.00168	0.08707	1.036926E-05	1.6898E-03		
610532.43	4205882.03	27580.04723	0.00608	0.08530	1.015845E-05	6.0947E-03	610532.43	4205882.03	27580.04723	0.00172	0.08530	1.015845E-05	1.7342E-03		
610539.43	4205882.03	28276.52034	0.00624	0.08353	9.947606E-06	6.2481E-03	610539.43	4205882.03	28276.52034	0.00177	0.08353	9.947606E-06	1.7775E-03		
610553.43	4205882.03	29579.64809	0.00653	0.08000	9.527216E-06	6.5352E-03	610553.43	4205882.03	29579.64809	0.00185	0.08000	9.527216E-06	1.8586E-03		
610560.43	4205882.03	30171.52116	0.00666	0.07824	9.317616E-06	6.6656E-03	610560.43	4205882.03	30171.52116	0.00189	0.07824	9.317616E-06	1.8953E-03		
610567.43	4205882.03	30716.13241	0.00678	0.07650	9.110398E-06	6.7859E-03	610567.43	4205882.03	30716.13241	0.00192	0.07650	9.110398E-06	1.9292E-03		
610574.43	4205882.03	31202.54074	0.00688	0.07477	8.904376E-06	6.8926E-03	610574.43	4205882.03	31202.54074	0.00195	0.07477	8.904376E-06	1.9594E-03		
610581.43	4205882.03	31624.00957	0.00698	0.07305	8.699535E-06	6.9854E-03	610581.43	4205882.03	31624.00957	0.00198	0.07305	8.699535E-06	1.9850E-03		
610588.43	4205882.03	31970.87375	0.00705	0.07134	8.495889E-06	7.0617E-03	610588.43	4205882.03	31970.87375	0.00200	0.07134	8.495889E-06	2.0070E-03		
610595.43	4205882.03	32237.47103	0.00711	0.06965	8.294636E-06	7.1203E-03	610595.43	4205882.03	32237.47103	0.00202	0.06965	8.294636E-06	2.0235E-03		
610602.43	4205882.03	32415.49362	0.00715	0.06797	8.094568E-06	7.1594E-03	610602.43	4205882.03	32415.49362	0.00203	0.06797	8.094568E-06	2.0344E-03		
610609.43	4205882.03	32500.3	0.00717	0.06631	7.896876E-06	7.1779E-03	610609.43	4205882.03	32500.3	0.00203	0.06631	7.896876E-06	2.0395E-03		
610616.43	4205882.03	32485.33127	0.00717	0.06467	7.70156E-06	7.1744E-03	610616.43	4205882.03	32485.33127	0.00203	0.06467	7.70156E-06	2.0384E-03		
610623.43	4205882.03	32367.42607	0.00714	0.06305	7.508638E-06	7.1482E-03	610623.43	4205882.03	32367.42607	0.00202	0.06305	7.508638E-06	2.0308E-03		
610630.43	4205882.03	32144.67754	0.00709	0.06145	7.318098E-06	7.0988E-03	610630.43	4205882.03	32144.67754	0.00201	0.06145	7.318098E-06	2.0167E-03		
610637.43	4205882.03	31812.90846	0.00702	0.05987	7.129581E-06	7.0255E-03	610637.43	4205882.03	31812.90846	0.00199	0.05987	7.129581E-06	1.9958E-03		
610644.43	4205882.03	31170.04141	0.00692	0.05831	6.944114E-06	6.9276E-03	610644.43	4205882.03	31170.04141	0.00196	0.05831	6.944114E-06	1.9679E-03		
610651.43	4205882.03	30820.48171	0.00680	0.05678	6.761946E-06	6.8062E-03	610651.43	4205882.03	30820.48171	0.00193	0.05678	6.761946E-06	1.9344E-03		
610672.43	4205882.03	28585.81624	0.00631	0.05236	6.235566E-06	6.3125E-03	610672.43	4205882.03	28585.81624	0.00179	0.05236	6.235566E-06	1.7931E-03		
610679.43	4205882.03	27666.80245	0.00610	0.05094	6.06645E-06	6.1097E-03	610679.43	4205882.03	27666.80245	0.00173	0.05094	6.06645E-06	1.7355E-03		
610686.43	4205882.03	26678.04923	0.00589	0.04956	5.902111E-06	5.8914E-03	610686.43	4205882.03	26678.04923	0.00167	0.04956	5.902111E-06	1.6736E-03		
610693.43	4205882.03	25628.70919	0.00565	0.04821	5.74133E-06	5.6598E-03	610693.43	4205882.03	25628.70919	0.00160	0.04821	5.74133E-06	1.6078E-03		
610700.43	4205882.03	24520.98609	0.00541	0.04689	5.581414E-06	5.4152E-03	610700.43	4205882.03	24520.98609	0.00153	0.04689	5.581414E-06	1.5384E-03		
610707.43	4205882.03	23374.18566	0.00516	0.04561	5.431708E-06	5.1621E-03	610707.43	4205882.03	23374.18566	0.00146	0.04561	5.431708E-06	1.4666E-03		
610714.43	4205882.03	22200.14067	0.00490	0.04437	5.28403E-06	4.9028E-03	610714.43	4205882.03	22200.14067	0.00139	0.04437	5.28403E-06	1.3930E-03		
610721.43	4205882.03	21010.03015	0.00464	0.04317	5.141126E-06	4.6402E-03	610721.43	4205882.03	21010.03015	0.00131	0.04317	5.141126E-06	1.3185E-03		
610728.43	4205882.03	19815.16273	0.00437	0.04200	5.001786E-06	4.3760E-03	610728.43	4205882.03	19815.16273	0.00124	0.04200	5.001786E-06	1.2431E-03		
610735.43	4205882.03	18626.06337	0.00411	0.04087	4.867216E-06	4.1140E-03	610735.43	4205882.03	18626.06337	0.00116	0.04087	4.867216E-06	1.1692E-03		
610742.43	4205882.03	17452.04987	0.00385	0.03977	4.736216E-06	3.8549E-03	610742.43	4205882.03	17452.04987	0.00109	0.03977	4.736216E-06	1.0957E-03		
610749.43	4205882.03	16302.05605	0.00360	0.03872	4.61117E-06	3.6011E-03	610749.43	4205882.03	16302.05605	0.00102	0.03872	4.61117E-06	1.0237E-03		
610756.43	4205882.03	15185.54105	0.00335	0.03770	4.489708E-06	3.3546E-03	610756.43	4205882.03	15185.54105	0.00095	0.03770	4.489708E-06	9.5374E-04		
610763.43	4205882.03	14109.6234	0.00311	0.03672	4.372996E-06	3.1171E-03	610763.43	4205882.03	14109.6234	0.00088	0.03672	4.372996E-06	8.8637E-04		
610770.43	4205882.03	13080.79552	0.00289	0.03578	4.261046E-06	2.8901E-03	610770.43	4205882.03	13080.79552	0.00082	0.03578	4.261046E-06	8.2194E-04		
610777.43	4205882.03	12104.18507	0.00267	0.03487	4.152676E-06	2.6745E-03	610777.43	4205882.03	12104.18507	0.00076	0.03487	4.152676E-06	7.6079E-04		
610784.43	4205882.03	11183.72764	0.00247	0.03401	4.050025E-06	2.4710E-03	610784.43	4205882.03	11183.72764	0.00070	0.03401	4.050025E-06	7.0155E-04		
610791.43	4205882.03	10322.59788	0.00228	0.03317	3.950226E-06	2.2813E-03	610791.43	4205882.03	10322.59788	0.00065	0.03317	3.950226E-06	6.4922E-04		
610798.43	4205882.03	9521.30502	0.00210	0.03237	3.854956E-06	2.1044E-03	610798.43	4205882.03	9521.30502	0.00060	0.03237	3.854956E-06	5.9903E-04		
610805.43	4205882.03	8780.25884	0.00194	0.03161	3.764446E-06	1.9408E-03	610805.43	4205882.03	8780.25884	0.00055	0.03161	3.764446E-06	5.5262E-04		
610812.43	4205882.03	8098.9439	0.00179	0.03087	3.676316E-06	1.7904E-03	610812.43	4205882.03	8098.9439	0.00051	0.03087	3.676316E-06	5.0994E-04		
610819.43	4205882.03	7475.5407	0.00165	0.03017	3.592995E-06	1.6528E-03	610819.43	4205882.03	7475.5407	0.00047	0.03017	3.592995E-06	4.7089E-04		
610826.43	4205882.03	6907.6914	0.00152	0.02950	3.513166E-06	1.5274E-03	610826.43	4205882.03	6907.6914	0.00043	0.02950	3.513166E-06	4.3531E-04		
610833.43	4205882.03	6392.51937	0.00141	0.02885	3.43575E-06	1.4137E-03	610833.43	4205882.03	6392.51937	0.00040	0.02885	3.43575E-06	4.0303E-04		
610840.43	4205882.03	5926.7037	0.00131	0.02824	3.361108E-06	1.3109E-03	610840.43	4205882.03	5926.7037	0.00037	0.02824	3.361108E-06	3.7384E-04		
610847.43	4205882.03	5506.44489	0.00121	0.02764	3.291655E-06	1.2181E-03	610847.43	4205882.03	5506.44489	0.00034	0.02764	3.291655E-06	3.4750E-04		
610854.43	4205882.03	5128.0758	0.00113	0.02708	3.224966E-06	1.1345E-03	610854.43	4205882.03	5128.0758	0.00032	0.02708	3.224966E-06	3.2378E-04		
610861.43	4205882.03	4787.79432	0.00106	0.02653	3.159466E-06	1.0594E-03	610861.43	4205882.03	4787.79432	0.00030	0.02653	3.159466E-06	3.0245E-04		
610868.43	4205882.03	4481.97001	0.00099	0.02601	3.097535E-06	9.9188E-04	610868.43	4205882.03	4481.97001	0.00028	0.02601	3.097535E-06	2.8327E-04		
610875.43	4205882.03	4207.04999	0.00093	0.02551	3.037998E-06	9.3117E-04	610875.43	4205882.03	4207.04999	0.00026	0.02551	3.037998E-06	2.6602E-04		
610882.43	4205882.03	3959.87792	0.00087	0.02503	2.980838E-06	8.7658E-04	610882.43	4205882.03	3959.87792	0.00025	0.02503	2.980838E-06	2.5051E-04		
610889.43	4205882.03	3737.41538	0.00082	0.02456	2.924856E-06	8.2745E-04	610889.43	4205882.03	3737.41538	0.00023	0.02456	2.924856E-06	2.3655E-04		
610910.43	4205882.03	3192.33873	0.00070	0.02328	2.772426E-06	7.0705E-04	610910.43	4205882.03	3192.33873	0.00020	0.02328	2.772426E-06	2.0233E-04		
610917.43	4205882.03	3044.07834	0.00067	0.02288	2.724786E-06	6.7429E-04	610917.43	4205882.03	3044.07834	0.00019	0.02288	2.724786E-06	1.9301E-04		
610924.43	4205882.03	2909.38521	0.00064	0.02240	2.676346E-06	6.4453E-04	610924.43	4205882.03	2909.38521	0.00018	0.02240	2.676346E-06	1.8454E-04		
610931.43	4205882.03	2786.80602	0.00061	0.02212	2.634276E-06	6.1744E-04	610931.43	4205882.03	2786.80602	0.00017	0.02212	2.634276E-06	1.7684E-04		
610938.43	4205882.03	2674.92134	0.00059	0.02176	2.591406E-06	5.9272E-04	610938.43	4205882.03	2674.92134	0.00017	0.02176	2.591406E-06	1.6980E-04		
610945.43	4205882.03	2572.50159	0.00057	0.02141	2.549726E-06	5.7008E-04	610945.43	4205882.03	2572.50159	0.00016	0.02141	2.549726E-06	1.6336E-04		
610952.43	4205882.03	2478.54511	0.00055	0.02108	2.510426E-06	5.4931E-04	610952.43	4205882.03	2478.54511	0.00015	0.02108	2.510426E-06	1.5746E-04		
610959.43	4205882.03	2392.05239	0.00053	0.02075	2.471126E-06	5.3016E-04	610959.43	4205882.03	2392.05239	0.00015	0.02075	2.471126E-06	1.5200E-04		
610966.43	4205882.03	2312.29018	0.00051	0.02043	2.433016E-06	5.1256E-04	610966.43	4205882.03	2312.29018	0.00014	0.02043	2.433016E-06	1.4697E-04		
610973.43	4205882.03	2238.48096	0.00049	0.02012	2.396096E-06	4.9624E-04	610973.43	4205882.03	2238.48096	0.00014	0.02012	2.396096E-06	1.4232E-04		
611001.43	4205882.03	1991.2086	0.00044	0.01897	2.259146E-06	4.4155E-04	611001.43	4205882.03	1991.2086	0.00012	0.01897	2.259146E-06	1.2678E-04		
611008.43	4205882.03	1939.05411	0.00043	0.01871	2.228188E-06	4.3001E-04	611008.43	4205882.03	1939.05411	0.00012	0.01871	2.228188E-06	1.2344E-04		
611015.43	4205882.03	1890.01201	0.00042	0.01844	2.196026E-06	4.1916E-04	611015.43	4205882.03	1890.01201	0.00012	0.01844	2.196026E-06	1.2034E-04		
611022.43	4205882.03	1843.81634	0.00041	0.01819	2.166256E-06	4.0894E-04	611022.43	4205882.03	1843.81634	0.00012	0.01819	2.166256E-06	1.1742E-04		
611029.43	4205882.03	1800.12591	0.00040	0.01794	2.136486E-06	3.9927E-04	611029.43	4205882.03	1800.12591	0.00011	0.01794	2.136486E-06	1.1466E-04		
611036.43	4205882.03	1758.77679	0.00039	0.01769	2.106706E-06	3.9012E-04	611036.43	4205882.03	1758.77679	0.00011	0.01769	2.106706E-06	1.1205E-04		
611043.43	4205882.03	1719.52928	0.00038	0.01745	2.078126E-06	3.8143E-04	611043.43	4205882.03	1719.52928	0.00011	0.01745	2.078126E-06	1.0957E-04		
611050.43	4205882.03	1682.20366	0.00037	0.01722	2.050736E-06	3.7317E-04	611050.43	4205882.03	1682.20366	0.00011	0.01722	2.050736E-06	1.0721E-04		
611057.43	4205882.03	1646.64419	0.00036	0.01699	2.023346E-06	3.6530E-04	611057.43	4205882.03	1646.64419	0.00010	0.01699	2.023346E-06	1.0496E-04		
611064.43	4205882.03	1612.67216	0.00036	0.01677	1.997146E-06	3.5776E-04	611064.43	4205882.03	1612.67216	0.00010	0.01677	1.997146E-06	1.0281E-04		
611071.43	4205882.03	1580.1813	0.00035	0.01655	1.970946E-06	3.5058E-04	611071.43	4205882.03	1580.1813	0.00010	0.01655	1.970946E-06	1.0075E-04		
611078.43	4205882.03	1549.1122	0.00034	0.01634	1.945916E-06	3.4370E-04	611078.43	4205882.03	1549.1122	0.00010	0.01634	1.945916E-06	9.8781E-05		
611085.43	4205882.03	1519.26694	0.00034	0.01613	1.920926E-06	3.3709E-04	611085.43	4205882.03	1519.26694	0.00009	0.01613	1.920926E-06	9.6891E-05		
611092.43	4205882.03	1490.60536	0.00033	0.01592	1.895951E-06	3.3074E-04	611092.43	4205882.03	1490.60536	0.00009	0.01592	1.895951E-06	9.5074E-05		
610294.43	4205889.03	8791.95259	0.00194	0.14137	1.683585E-05	1.9565E-03	610294.43	4205889.03	8791.95259	0.00055	0.14137	1.683585E-05	5.6642E-04		
610301.43	4205889.03	9095.54957	0.00201	0.14019	1.669526E-05	2.0233E-03	610301.43	4205889.03	9095.54957	0.00057	0.14019	1.669526E-05	5.8526E-04		
610308.43	4205889.03	9411.34391	0.00208	0.13894	1.654644E-05	2.0928E-03	610308.43	4205889.03	9411.34391	0.00059	0.13894	1.654644E-05	6.0485E-04		
610315.43	4205889.03	9740.33395	0.00215	0.13769	1.639756E-05	2.1652E-03	610315.43	4205889.03	9740.33395	0.00061	0.13769	1.639756E-05	6.2527E-04		
610322.43	4205889.03	10083.39644	0.00222	0.13639	1.624276E-05	2.2408E-03	610322.43	4205889.03	10083.39644	0.00063	0.13639	1.624276E-05	6.4656E-04		
610329.43	4205889.03	10440.22239	0.00230	0.13508	1.608676E-05	2.3193E-03	610329.43	4205889.03	10440.22239	0.00065	0.13508	1.608676E-05	6.6871E-04		
610336.43	4205889.03	10812.36894	0.00239	0.13375	1.592835E-05	2.4013E-03	610336.43	4205889.03	10812.36894	0.00068	0.13375	1.592835E-05	6.9181E-04		
610343.43	4205889.03	11199.32326	0.00247	0.13236	1.576286E-05	2.4865E-03	610343.43	4205889.03	11199.32326	0.00070	0.13236	1.576286E-05	7.1583E-04		
610350.43	4205889.03	11606.38125	0.00256	0.13099	1.559966E-05	2.5761E-03	610350.43	4205889.03	11606.38125	0.00073	0.13099	1.559966E-05	7.4112E-04		
610357.43	4205889.03	12029.73055	0.00265	0.12959	1.543296E-05	2.6694E-03	610357.43	4205889.03	12029.73055	0.00075	0.12959	1.543296E-05	7.6741E-04		
610364.43	4205889.03	12470.99529	0.00275	0.12816	1.526266E-05	2.7665E-03	610364.43	4205889.03	12470.99529	0.00078	0.12816	1.526266E-05	7.9483E-04		
610371.43	4205889.03	12930.26011	0.00285	0.12671	1.508995E-05	2.8677E-03	610371.43	4205889.03	12930.26011	0.00081	0.12671	1.508995E-05	8.2366E-04		
610378.43	4205889.03	13407.

610952.43	4205889.03	2566.20651	0.00057	0.02141	2.54972E-06	5.68696E-04	610952.43	4205889.03	2566.20651	0.00016	0.02141	2.54972E-06	1.6296E-04
610959.43	4205889.03	2478.35171	0.00055	0.02107	2.50923E-06	5.4927E-04	610959.43	4205889.03	2478.35171	0.00015	0.02107	2.50923E-06	1.5743E-04
610966.43	4205889.03	2397.1713	0.00053	0.02075	2.47112E-06	5.3132E-04	610966.43	4205889.03	2397.1713	0.00015	0.02075	2.47112E-06	1.5232E-04
610973.43	4205889.03	2322.0198	0.00051	0.02044	2.43420E-06	5.1470E-04	610973.43	4205889.03	2322.0198	0.00015	0.02044	2.43420E-06	1.4758E-04
611001.43	4205889.03	2069.58404	0.00046	0.01926	2.29368E-06	4.5887E-04	611001.43	4205889.03	2069.58404	0.00013	0.01926	2.29368E-06	1.3166E-04
611008.43	4205889.03	2016.16983	0.00044	0.01899	2.26152E-06	4.4706E-04	611008.43	4205889.03	2016.16983	0.00013	0.01899	2.26152E-06	1.2829E-04
611015.43	4205889.03	1965.89393	0.00043	0.01872	2.22937E-06	4.3593E-04	611015.43	4205889.03	1965.89393	0.00012	0.01872	2.22937E-06	1.2512E-04
611022.43	4205889.03	1918.42676	0.00042	0.01846	2.19840E-06	4.2543E-04	611022.43	4205889.03	1918.42676	0.00012	0.01846	2.19840E-06	1.2212E-04
611029.43	4205889.03	1873.53418	0.00041	0.01820	2.16744E-06	4.1549E-04	611029.43	4205889.03	1873.53418	0.00012	0.01820	2.16744E-06	1.1928E-04
611036.43	4205889.03	1830.94851	0.00040	0.01795	2.13767E-06	4.0607E-04	611036.43	4205889.03	1830.94851	0.00011	0.01795	2.13767E-06	1.1659E-04
611043.43	4205889.03	1790.4822	0.00040	0.01771	2.10909E-06	3.9711E-04	611043.43	4205889.03	1790.4822	0.00011	0.01771	2.10909E-06	1.1403E-04
611050.43	4205889.03	1751.96918	0.00039	0.01747	2.08050E-06	3.8859E-04	611050.43	4205889.03	1751.96918	0.00011	0.01747	2.08050E-06	1.1160E-04
611057.43	4205889.03	1715.2085	0.00038	0.01724	2.05131E-06	3.8041E-04	611057.43	4205889.03	1715.2085	0.00011	0.01724	2.05131E-06	1.0927E-04
611064.43	4205889.03	1680.09495	0.00037	0.01701	2.02572E-06	3.7268E-04	611064.43	4205889.03	1680.09495	0.00011	0.01701	2.02572E-06	1.0705E-04
611071.43	4205889.03	1646.44504	0.00036	0.01678	1.99833E-06	3.6523E-04	611071.43	4205889.03	1646.44504	0.00010	0.01678	1.99833E-06	1.0492E-04
611078.43	4205889.03	1614.22785	0.00036	0.01657	1.97332E-06	3.5809E-04	611078.43	4205889.03	1614.22785	0.00010	0.01657	1.97332E-06	1.0288E-04
611085.43	4205889.03	1583.27621	0.00035	0.01635	1.94712E-06	3.5124E-04	611085.43	4205889.03	1583.27621	0.00010	0.01635	1.94712E-06	1.0092E-04
611092.43	4205889.03	1553.49253	0.00034	0.01614	1.92211E-06	3.4464E-04	611092.43	4205889.03	1553.49253	0.00010	0.01614	1.92211E-06	9.9031E-05
610294.43	4205896.03	8805.99914	0.00194	0.14541	1.73169E-05	1.9606E-03	610294.43	4205896.03	8805.99914	0.00055	0.14541	1.73169E-05	5.6778E-04
610301.43	4205896.03	9114.03469	0.00201	0.14420	1.71728E-05	2.0279E-03	610301.43	4205896.03	9114.03469	0.00057	0.14420	1.71728E-05	5.8689E-04
610308.43	4205896.03	9435.16538	0.00208	0.14293	1.70216E-05	2.0983E-03	610308.43	4205896.03	9435.16538	0.00059	0.14293	1.70216E-05	6.0682E-04
610315.43	4205896.03	9769.51613	0.00216	0.14163	1.68667E-05	2.1722E-03	610315.43	4205896.03	9769.51613	0.00061	0.14163	1.68667E-05	6.2756E-04
610322.43	4205896.03	10118.61908	0.00223	0.14032	1.67107E-05	2.2490E-03	610322.43	4205896.03	10118.61908	0.00063	0.14032	1.67107E-05	6.4923E-04
610329.43	4205896.03	10482.63684	0.00231	0.13896	1.65488E-05	2.3292E-03	610329.43	4205896.03	10482.63684	0.00066	0.13896	1.65488E-05	6.7182E-04
610336.43	4205896.03	10861.7068	0.00240	0.13759	1.63856E-05	2.4126E-03	610336.43	4205896.03	10861.7068	0.00068	0.13759	1.63856E-05	6.9535E-04
610343.43	4205896.03	11257.49539	0.00248	0.13617	1.62165E-05	2.4998E-03	610343.43	4205896.03	11257.49539	0.00070	0.13617	1.62165E-05	7.1992E-04
610350.43	4205896.03	11674.24386	0.00258	0.13477	1.60498E-05	2.5915E-03	610350.43	4205896.03	11674.24386	0.00073	0.13477	1.60498E-05	7.4581E-04
610357.43	4205896.03	12108.91761	0.00267	0.13335	1.58807E-05	2.6873E-03	610357.43	4205896.03	12108.91761	0.00076	0.13335	1.58807E-05	7.7281E-04
610364.43	4205896.03	12561.56917	0.00277	0.13188	1.57056E-05	2.7870E-03	610364.43	4205896.03	12561.56917	0.00079	0.13188	1.57056E-05	8.0093E-04
610371.43	4205896.03	13033.97888	0.00288	0.13040	1.55294E-05	2.8910E-03	610371.43	4205896.03	13033.97888	0.00081	0.13040	1.55294E-05	8.3029E-04
610378.43	4205896.03	13525.75738	0.00298	0.12888	1.53483E-05	2.9993E-03	610378.43	4205896.03	13525.75738	0.00085	0.12888	1.53483E-05	8.6085E-04
610385.43	4205896.03	14038.7902	0.00310	0.12734	1.51649E-05	3.1123E-03	610385.43	4205896.03	14038.7902	0.00088	0.12734	1.51649E-05	8.9273E-04
610392.43	4205896.03	14572.56887	0.00321	0.12577	1.49780E-05	3.2299E-03	610392.43	4205896.03	14572.56887	0.00091	0.12577	1.49780E-05	9.2591E-04
610399.43	4205896.03	15128.99849	0.00334	0.12418	1.47886E-05	3.3525E-03	610399.43	4205896.03	15128.99849	0.00095	0.12418	1.47886E-05	9.6051E-04
610406.43	4205896.03	15708.10052	0.00347	0.12257	1.45969E-05	3.4800E-03	610406.43	4205896.03	15708.10052	0.00098	0.12257	1.45969E-05	9.9651E-04
610413.43	4205896.03	16309.72857	0.00360	0.12093	1.44016E-05	3.6126E-03	610413.43	4205896.03	16309.72857	0.00102	0.12093	1.44016E-05	1.0339E-03
610420.43	4205896.03	16935.85104	0.00374	0.11927	1.42039E-05	3.7509E-03	610420.43	4205896.03	16935.85104	0.00106	0.11927	1.42039E-05	1.0729E-03
610427.43	4205896.03	17585.43987	0.00388	0.11759	1.40038E-05	3.8936E-03	610427.43	4205896.03	17585.43987	0.00110	0.11759	1.40038E-05	1.1133E-03
610434.43	4205896.03	18260.32775	0.00403	0.11589	1.38014E-05	4.0423E-03	610434.43	4205896.03	18260.32775	0.00114	0.11589	1.38014E-05	1.1553E-03
610441.43	4205896.03	18959.23778	0.00418	0.11417	1.35965E-05	4.1963E-03	610441.43	4205896.03	18959.23778	0.00119	0.11417	1.35965E-05	1.1987E-03
610448.43	4205896.03	19683.64527	0.00434	0.11244	1.33905E-05	4.3559E-03	610448.43	4205896.03	19683.64527	0.00123	0.11244	1.33905E-05	1.2438E-03
610455.43	4205896.03	20432.01157	0.00451	0.11068	1.31809E-05	4.5288E-03	610455.43	4205896.03	20432.01157	0.00128	0.11068	1.31809E-05	1.2904E-03
610462.43	4205896.03	21205.39407	0.00468	0.10889	1.29677E-05	4.6912E-03	610462.43	4205896.03	21205.39407	0.00133	0.10889	1.29677E-05	1.3385E-03
610469.43	4205896.03	22002.53207	0.00485	0.10708	1.27522E-05	4.8668E-03	610469.43	4205896.03	22002.53207	0.00138	0.10708	1.27522E-05	1.3881E-03
610476.43	4205896.03	22821.29273	0.00503	0.10526	1.25354E-05	5.0472E-03	610476.43	4205896.03	22821.29273	0.00143	0.10526	1.25354E-05	1.4391E-03
610483.43	4205896.03	23662.23218	0.00522	0.10342	1.23163E-05	5.2325E-03	610483.43	4205896.03	23662.23218	0.00148	0.10342	1.23163E-05	1.4914E-03
610490.43	4205896.03	24521.4733	0.00541	0.10156	1.20948E-05	5.4218E-03	610490.43	4205896.03	24521.4733	0.00153	0.10156	1.20948E-05	1.5448E-03
610504.43	4205896.03	26284.54451	0.00580	0.09781	1.16482E-05	5.8104E-03	610504.43	4205896.03	26284.54451	0.00164	0.09781	1.16482E-05	1.6547E-03
610511.43	4205896.03	27183.52101	0.00600	0.09592	1.14231E-05	6.0085E-03	610511.43	4205896.03	27183.52101	0.00170	0.09592	1.14231E-05	1.7107E-03
610518.43	4205896.03	28087.04279	0.00620	0.09402	1.11969E-05	6.2076E-03	610518.43	4205896.03	28087.04279	0.00176	0.09402	1.11969E-05	1.7669E-03
610525.43	4205896.03	28991.83968	0.00640	0.09213	1.09718E-05	6.4070E-03	610525.43	4205896.03	28991.83968	0.00181	0.09213	1.09718E-05	1.8233E-03
610532.43	4205896.03	29889.53154	0.00659	0.09023	1.07455E-05	6.6048E-03	610532.43	4205896.03	29889.53154	0.00187	0.09023	1.07455E-05	1.8791E-03
610539.43	4205896.03	30775.13758	0.00679	0.08833	1.05192E-05	6.7998E-03	610539.43	4205896.03	30775.13758	0.00192	0.08833	1.05192E-05	1.9343E-03
610553.43	4205896.03	32472.0041	0.00716	0.08455	1.00691E-05	7.1738E-03	610553.43	4205896.03	32472.0041	0.00203	0.08455	1.00691E-05	2.0399E-03
610560.43	4205896.03	33264.72211	0.00734	0.08266	9.84399E-06	7.3485E-03	610560.43	4205896.03	33264.72211	0.00208	0.08266	9.84399E-06	2.0892E-03
610567.43	4205896.03	34008.9336	0.00750	0.08079	9.62129E-06	7.5125E-03	610567.43	4205896.03	34008.9336	0.00213	0.08079	9.62129E-06	2.1355E-03
610574.43	4205896.03	34692.7747	0.00765	0.07892	9.39859E-06	7.6631E-03	610574.43	4205896.03	34692.7747	0.00217	0.07892	9.39859E-06	2.1781E-03
610581.43	4205896.03	35303.11179	0.00779	0.07707	9.17828E-06	7.7975E-03	610581.43	4205896.03	35303.11179	0.00221	0.07707	9.17828E-06	2.2168E-03
610588.43	4205896.03	35830.75787	0.00790	0.07523	8.95915E-06	7.9137E-03	610588.43	4205896.03	35830.75787	0.00224	0.07523	8.95915E-06	2.2487E-03
610595.43	4205896.03	36262.92972	0.00800	0.07341	8.74241E-06	8.0088E-03	610595.43	4205896.03	36262.92972	0.00227	0.07341	8.74241E-06	2.2755E-03
610602.43	4205896.03	36590.25109	0.00807	0.07160	8.52685E-06	8.0808E-03	610602.43	4205896.03	36590.25109	0.00229	0.07160	8.52685E-06	2.2958E-03
610609.43	4205896.03	36803.98316	0.00812	0.06981	8.31368E-06	8.1278E-03	610609.43	4205896.03	36803.98316	0.00230	0.06981	8.31368E-06	2.3089E-03
610616.43	4205896.03	36894.13009	0.00814	0.06805	8.10408E-06	8.1475E-03	610616.43	4205896.03	36894.13009	0.00231	0.06805	8.10408E-06	2.3144E-03
610623.43	4205896.03	36855.90827	0.00813	0.06630	7.89567E-06	8.1388E-03	610623.43	4205896.03	36855.90827	0.00230	0.06630	7.89567E-06	2.3118E-03
610630.43	4205896.03	36682.34506	0.00809	0.06458	7.69084E-06	8.1003E-03	610630.43	4205896.03	36682.34506	0.00229	0.06458	7.69084E-06	2.3007E-03
610637.43	4205896.03	36438.91046	0.00803	0.06295	7.49775E-06	8.0517E-03	610637.43	4205896.03	36438.91046	0.00227	0.06295	7.49775E-06	2.2851E-03
610645.43	4205896.03	36195.48308	0.00797	0.06132	7.30482E-06	8.0031E-03	610645.43	4205896.03	36195.48308	0.00226	0.06132	7.30482E-06	2.2695E-03
610652.43	4205896.03	35952.05491	0.00791	0.05969	7.11189E-06	7.9545E-03	610652.43	4205896.03	35952.05491	0.00224	0.05969	7.11189E-06	2.2539E-03
610659.43	4205896.03	35708.62655	0.00785	0.05806	6.91898E-06	7.9059E-03	610659.43	4205896.03	35708.62655	0.00223	0.05806	6.91898E-06	2.2383E-03
610666.43	4205896.03	35465.19799	0.00780	0.05643	6.72607E-06	7.8573E-03	610666.43	4205896.03	35465.19799	0.00221	0.05643	6.72607E-06	2.2227E-03
610673.43	4205896.03	35221.76943	0.00774	0.05480	6.53316E-06	7.8087E-03	610673.43	4205896.03	35221.76943	0.00220	0.05480	6.53316E-06	2.2071E-03
610680.43	4205896.03	34978.34086	0.00768	0.05317	6.34025E-06	7.7601E-03	610680.43	4205896.03	34978.34086	0.00218	0.05317	6.34025E-06	2.1915E-03
610687.43	4205896.03	34734.91229	0.00762	0.05154	6.14734E-06	7.7115E-03	610687.43	4205896.03	34734.91229	0.00217	0.05154	6.14734E-06	2.1759E-03
610694.43	4205896.03	34491.48372	0.00757	0.04991	5.95443E-06	7.6629E-03	610694.43	4205896.03	34491.48372	0.00215	0.04991	5.95443E-06	2.1603E-03
610701.43	4205896.03	34248.05515	0.00751	0.04828	5.76152E-06	7.6143E-03	610701.43	4205896.03	34248.05515	0.00214	0.04828	5.76152E-06	2.1447E-03
610708.43	4205896.03	34004.62658	0.00745	0.04665	5.56861E-06	7.5657E-03	610708.43	4205896.03	34004.62658	0.00212	0.04665	5.56861E-06	2.1291E-03
610715.43	4205896.03	33761.19801	0.00739	0.04502	5.37570E-06	7.5171E-03	610715.43	4205896.03	33761.19801	0.00211	0.04502	5.37570E-06	2.1135E-03
610722.43	4205896.03	33517.76944	0.00733	0.04339	5.18279E-06	7.4685E-03	610722.43	4205896.03	33517.76944	0.00209	0.04339	5.18279E-06	2.0979E-03
610729.43	4205896.03	33274.34087	0.00727	0.04176	4.98988E-06	7.4199E-03	610729.43	4205896.03	33274.34087	0.00208	0.04176	4.98988E-06	2.0823E-03
610736.43	4205896.03	33030.91229	0.00721	0.04013	4.79698E-06	7.3713E-03	610736.43	4205896.03	33030.91229	0.00206	0.04013	4.79698E-06	2.0667E-03
610743.43	4205896.03	32787.48371	0.00715	0.03850	4.60408E-06	7.3227E-03	610743.43	4205896.03	32787.48371	0.00204	0.03850	4.60408E-06	2.0511E-03
610750.43	4205896.03	32544.05514	0.00709	0.03687	4.41118E-06	7.2741E-03	610750.43	4205896.03	32544.05514	0.00203	0.03687	4.41118E-06	2.0355E-03
610757.43	4205896.03	32300.62657	0.00703	0.03524	4.21828E-06	7.2255E-03	610757.43	4205896.03	32300.62657	0.00201	0.03524	4.21828E-06	2.0199E-03
610764.43	4205896.03	32057.19801	0.00697	0.03361	4.02538E-06	7.1769E-03	610764.43	4205896.03	32057.19801	0.00199	0.03361	4.02538E-06	2.0043E-03
610771.43	4205896.03	31813.76944	0.00691	0.03198	3.83248E-06	7.1283E-03	610771.43	4205896.03	31813.76944	0.00198	0.03198	3.83248E-06	1.9887E-03
610778.43	4205896.03	31570.34087	0.00685	0.03035	3.63958E-06	7.0797E-03	610778.43	4205896.03	31570.34087	0.00196	0.03035	3.63958E-06	1.9731E-03
610785.43	4205896.03	31326.91229	0.00679	0.02872	3.44668E-06	7.0311E-03	610785.43	4205896.03	31326.91229	0.00195	0.02872	3.44668E-06	1.9575E-03
610792.43	4205896.03	31083.48372	0.00673	0.02709	3.25378E-06	6.9825E-03	610792.43	4205896.03	31083.48372	0.00193	0.02709	3.25378E-06	1.9419E-03
610799.43	4205896.03	30840.05515	0.00667	0.02546	3.06088E-06	6.9339E-03	610799.43	4205896.03	30840.05515	0.00192	0.02546	3.06088E-06	1.9263E-03
610806.43	4205896.03	30596.62658	0.00661	0.02383	2.86798E-06	6.8853E-03	610806.43	4205896.03	30596.62658	0.00190	0.02383	2.86798E-06	1.9107E-03
610813.43	4205896.03	30353.19801	0.00655	0.02220	2.67508E-06	6.8367E-03	610813.43	4205896.03	30353.19801	0.00189	0.02220	2.67508E-06	1.8951E-03
610820.43	4205896.03	30109.76944	0.00649	0.02057	2.48218E-06	6.7881E-03	610820.43	4205896.03	30109.76944	0.00188	0.02057	2.48218E-06	1.8795E-03
610827.43	4205896.03	29866.34087	0.00643	0.01894	2.28928E-06	6.7395E-03	610827.43	4205896.03	29866.34087	0.00186	0.01894	2.28928E-06	1.8639E-03
610834.43	4205896.03	29622.91229	0.00637	0.01731	2.09638E-06	6.6909E-03	610834.43	4205896.03	29622.91229	0.00185	0.01731	2.09638E-06	1.8483E-03
610841.43	4205896.03	29379.48372	0.00631	0.01568	1.90348E-06	6.6423E-03	610841.43	4205896.03	29379.48372	0.00183	0.01568	1.90348E-06	1.8327E-03
610848.43	4205896.03	29136.05515	0.00625	0.01405	1.71058E-06	6.5937E-03	610848.43	4205896.03	29136.05515	0.00182	0.01405	1.71058E-06	1.8171E-03
610855.43	4205896.03	28892.62658	0.00619	0.01242	1.51768E-06	6.5451E-03	610855.43	4205896.03	28892.62658	0.00180	0.01242	1.51768E-06	1.8015E-03
610862.43	4205896.03	28649.19801	0.00613	0.01079	1.32478E-06	6.4965E-03	610862.43	4205896.03	28649.19801	0.00179	0.01079	1.32478E-06	1.7859E-03
610869.43	4205896.03	28405.76944	0.00607	0.00916	1.13188E-06	6.4479E-03	610869.43	4205896.03	28405.76944	0.00177	0.00916	1.13188E-06	1.7703E-03
610876.43	4205896.03	28162.34087	0.00601	0.00753	9.38978E-07	6.3993E-03	610876.43	4205896.03	28162.34087	0.00176	0.00753	9.38978E-07	1.7547E-03
610883.43	4205896.03	27918.91229	0.00595	0.00590	7.46078E-07	6.3507E-03	610883.43	4205896.03	27918.91229	0.00174	0.00590	7.46078E-07	1.7391E-03
610890.43	4205896.03	27675.48372	0.00589	0.00427	5.53178E-07	6.3021E-03	610890.43	4205896.03	27675.48372	0.00173	0.00427	5.53178E-07	1.7235E-03
610897.43	4205896.03	27432.05515	0.00583	0.00264	3.60277E-07	6.2535E-03	610897.43	4205896.03	27432.05515	0.00171	0.00264	3.60277E-07	1.7079E-03
610904.43	4205896.03	27188.62658	0.00577	0.00101	1.67375E-07	6.2049E-03	610904.43	4205896.03	27188.62658	0.00170	0.00101	1.67375E-07	1.6923E-03
610911.43	4205896.03	26945.19801	0.00571	0.00000	0.00000E+00	6.1563E-03	610911.43	4205896.03	26945.19801	0.00168	0.00000	0.00000E+00	1.6767E-03
610918.43	4205896.03	26701.76944	0.00565	0.00000	0.00000E+00	6.1077E-03	610918.43	4205896.03	26701.76944	0.00167	0.00000	0.00000E+00	1.6611E-03
610925.43	4205896.03	26458.34087	0.00559	0.00000	0.00000E+00	6.0591E-03	610925.43	4205896.03	26458.34087	0.00165	0.00000	0.00000E+00	1.6455E-03
610932.43	4205896.03	26214.91229	0.00553	0.00000	0.00000E+00	6.0105E-03	610932.43	4205896.03	26214.91229	0.00164	0.00000	0.00000E+00	1.6299E-03
610939.43	4205896.03	25971.48372	0.00547	0.00000	0.00000E+00	5.9619E-03	610939.43	4205896.03	25971.48372	0.00162	0.00000	0.00000E+00	1.6143E-03
610946.43	4205896.03	25728.05515	0.00541	0.00000	0.00000E+00	5.9133E-03	610946.43	4205896.03	25728.05515	0.00161	0.00000	0.00000E+00	1.5987E-03
610953.43	4205896.03	25484.62658	0.00535	0.00000	0.00000E+00	5.8647E-03	610953.43	4205896.03	25484.62658	0.00159	0.00000	0.00000E+00	1.5831E-03
610960.43	4205896.03	25241.19801	0.00529	0.00000	0.00000E+00	5.8161E-03	610960.43	4205896.03	25241.19801	0.00158	0.00000	0.00000E+00	1.5675E-03
610967.43	4205896.03	24997.76944	0.00523	0.00000	0.00000E+00	5.7675E-03	610967.43	4205896.03	24997.76944	0.00156	0.00000	0.00000E+00	1.5519E-03
610974.43	4205896.03	24754.34087	0.00517	0.00000	0.00000E+00	5.7189E-03	610974.43	4205896.03	24754.34087	0.00155	0.00000	0.00000E+00	1.5363E-03
610981.43	4205896.03	24510.91229	0.00511	0.00000	0.00000E+00	5.6703E-03	610981.43	4205896.03	24510.91229	0.00153	0.00000	0.00000E+00	1.5207E-03
610988.43	4205896.03	24267.48372	0.00505	0.00000	0.00000E+00	5.6217E-03	610988.43	4205896.03	24267.48372	0.00152	0.00000	0.00000E+00	1.5051E-03
610995.43	4205896.03	24024.05515	0.00499	0.00000	0.00000E+00	5.5731E-03	610995.43	4205896.03	24024.05515	0.00150	0.00000	0.00000E+00	1.4895E-03
611002.43	4205896.03	23780.62658	0.00493	0.00000	0.00000E+00	5.5245E-03	611002.43	4205896.03	23780.62658	0.00149	0.00000	0.00000E+00	1.4739E-03
611009.43	4205896.03	23537.19801	0.00487	0.00000	0.00000E+00	5.4759E-03	611009.43	4205896.03	23537.19801	0.00147	0.00000	0.00000E+00	1.4583E-03
611016.43	4205896.03	23293.76944	0.00481	0.00000	0.00000E+00	5.4273E-03	611016.43	4205896.03	23293.76944	0.00146	0.00000	0.00000E+00	1.4427E-03
611023.43	4205896.03	23050.34087	0.00475	0.00000	0.00000E+00	5.3787E-03	611023.43	4205896.03	23050.34087	0.00144	0.00000	0.00000E+00	1.4271E-03
611030.43	4205896.03	22806.91229	0.00469	0.00000	0.00000E+00	5.3301E-03	611030.43	4205896.03	22806.91229	0.00143	0.00000	0.00000E+00	1.4115E-03
611037.43	4205896.03	22563.48372	0.00463	0.00000	0.00000E+00	5.2815E-03	611037.43	4205896.03	22563.48372	0.00141	0.00000	0.00000E+00	1.3959E-03
611044.43	4205896.03	22320.05515	0.00457	0.00000	0.00000E+00	5.2329E-03	611044.43	4205896.03	22320.05515	0.00140	0.00000	0.00000E+00	1.3803E-03
611051.43	4205896.03	22076.62658	0.00451	0.00000	0.00000E+00	5.1843E-03	611051.43	4205896.03	22076.62658	0.00138	0.00000	0.00000E+00	1.3647E-03
611058.43	4205896.03	21833.19801	0.00445	0.00000	0.00000E+00	5.1357E-03	611058.43	4205896.03	21833.19801	0.00137	0.00000	0.00000E+00	1.3491E-03
611065.43	4205896.03	21589.76944	0.00439	0.00000	0.00000E+00	5.0871E-03	611065.43	4205896.03	21589.76944	0.00135	0.00000	0.00000E+00	1.3335E-03
611072.43	4205896.03	21346.34087	0.00433	0.00000	0.00000E+00	5.0385E-03	611072.43	4205896.03	21346.34087	0.00134	0.00000	0.00000E+00	1.3179E-03
611079.43	4205896.03	21102.91229	0.00427	0.00000	0.00000E+00	4.9899E-03	611079.43	4205896.03	21102.91229	0.00133	0.00000	0.00000E+00	1.3023E-03
611086.43	4205896.03	20859.48372	0.00421	0.00000	0.00000E+00	4.9413E-03	611086.43	4205896.03	20859.48372	0.00131	0.00000	0.00000E+00	1.2867E-03
611093.43	4205896.03	20616.05515	0.00415	0.00000	0.00000E+00	4.8927E-03	611093.43	4205896.03	20616.05515	0.00130	0.00000	0.00000E+00	1.2711E-03
611100.43	4205896.03	20372.62658	0.00409	0.00000	0.00000E+00	4.8441E-03	611100.43	4205896.03	20372.62658	0.00128	0.00000	0.00000E+00	1.2555E-03
611107.43	4205896.03	20129.19801	0.00403	0.00000	0.00000E+00	4.7955E-03	611107.43	4205896.03	20129.19801	0.00127	0.00000	0.00000E+00	1.2399E-03
611114.43	4205896.03	19885.76944	0.00397	0.00000	0.00000E+00	4.7469E-03	611114.43	4205896.03	19885.76944	0.00125	0.00000	0.00000E+00	1.2243E-03
611121.43	4205896.03	19642.34087	0.00391	0.00000	0.00000E+00	4.6983E-03	611121.43	4205896.03	19642.34087	0.00124	0.00000	0.00000E+00	1.2087E-03
611128.43	4205896.03	19398.91229	0.00385	0.00000	0.00000E+00	4.6497E-03	611128.43	4205896.03	19398.91229	0.00122	0.00000	0.00000E+00	1.1931E-03
611135.43	4205896.03	19155.48372	0.00379	0.00000	0.00000E+00	4.6011E-03	611135.43	4205896.03	19155.48372	0.00121	0.00000	0.00000E+00	1.1775E-03
611142.43	4205896.03	18912.05515	0.00373	0.00000	0.00000E

611001.43	42059303.03	2252.08021	0.00050	0.01986	2.36513E-06	4.99208-04	611001.43	42059303.03	2252.08021	0.00014	0.01986	2.36513E-06	1.4314E-04		
611008.43	42059303.03	2195.50486	0.00048	0.01957	2.33059E-06	4.8669E-04	611008.43	42059303.03	2195.50486	0.00014	0.01957	2.33059E-06	1.3957E-04		
611015.43	42059303.03	2142.0855	0.00047	0.01929	2.29725E-06	4.7487E-04	611015.43	42059303.03	2142.0855	0.00013	0.01929	2.29725E-06	1.3620E-04		
611022.43	42059303.03	2091.53772	0.00046	0.01902	2.26509E-06	4.6369E-04	611022.43	42059303.03	2091.53772	0.00013	0.01902	2.26509E-06	1.3301E-04		
611029.43	42059303.03	2043.55572	0.00045	0.01875	2.23294E-06	4.5307E-04	611029.43	42059303.03	2043.55572	0.00013	0.01875	2.23294E-06	1.2998E-04		
611036.43	42059303.03	1997.93188	0.00044	0.01849	2.20198E-06	4.4297E-04	611036.43	42059303.03	1997.93188	0.00012	0.01849	2.20198E-06	1.2703E-04		
611043.43	42059303.03	1954.45908	0.00043	0.01824	2.17220E-06	4.3335E-04	611043.43	42059303.03	1954.45908	0.00012	0.01824	2.17220E-06	1.2435E-04		
611050.43	42059303.03	1912.97973	0.00042	0.01799	2.14243E-06	4.2417E-04	611050.43	42059303.03	1912.97973	0.00012	0.01799	2.14243E-06	1.2172E-04		
611057.43	42059303.03	1873.27525	0.00041	0.01775	2.11385E-06	4.1538E-04	611057.43	42059303.03	1873.27525	0.00012	0.01775	2.11385E-06	1.1921E-04		
611064.43	42059303.03	1835.2255	0.00040	0.01751	2.08527E-06	4.0696E-04	611064.43	42059303.03	1835.2255	0.00011	0.01751	2.08527E-06	1.1681E-04		
611071.43	42059303.03	1798.71269	0.00040	0.01727	2.05669E-06	3.9868E-04	611071.43	42059303.03	1798.71269	0.00011	0.01727	2.05669E-06	1.1448E-04		
611078.43	42059303.03	1763.66048	0.00039	0.01705	2.03049E-06	3.9112E-04	611078.43	42059303.03	1763.66048	0.00011	0.01705	2.03049E-06	1.1228E-04		
611085.43	42059303.03	1729.9177	0.00038	0.01682	2.00310E-06	3.8365E-04	611085.43	42059303.03	1729.9177	0.00011	0.01682	2.00310E-06	1.1014E-04		
611092.43	42059303.03	1697.41814	0.00037	0.01661	1.97809E-06	3.7645E-04	611092.43	42059303.03	1697.41814	0.00011	0.01661	1.97809E-06	1.0808E-04		
610294.43	42059103.03	8818.37412	0.00195	0.15403	1.8343E-05	1.963E-03	610294.43	42059103.03	8818.37412	0.00055	0.15403	1.8343E-05	5.695E-04		
610301.43	42059103.03	9134.2021	0.00202	0.15273	1.8188E-05	2.033E-03	610301.43	42059103.03	9134.2021	0.00057	0.15273	1.8188E-05	5.891E-04		
610308.43	42059103.03	9464.0885	0.00209	0.15141	1.8031E-05	2.1059E-03	610308.43	42059103.03	9464.0885	0.00059	0.15141	1.8031E-05	6.0963E-04		
610315.43	42059103.03	9808.72951	0.00216	0.15005	1.7869E-05	2.1818E-03	610315.43	42059103.03	9808.72951	0.00061	0.15005	1.7869E-05	6.3102E-04		
610322.43	42059103.03	10168.8626	0.00224	0.14866	1.7703E-05	2.2611E-03	610322.43	42059103.03	10168.8626	0.00064	0.14866	1.7703E-05	6.5336E-04		
610329.43	42059103.03	10545.12593	0.00233	0.14723	1.7533E-05	2.3439E-03	610329.43	42059103.03	10545.12593	0.00066	0.14723	1.7533E-05	6.7671E-04		
610336.43	42059103.03	10938.91216	0.00241	0.14578	1.7361OE-05	2.4306E-03	610336.43	42059103.03	10938.91216	0.00068	0.14578	1.7361OE-05	7.0115E-04		
610343.43	42059103.03	11350.45434	0.00250	0.14430	1.7184E-05	2.5213E-03	610343.43	42059103.03	11350.45434	0.00071	0.14430	1.7184E-05	7.2670E-04		
610350.43	42059103.03	11785.03518	0.00260	0.14283	1.7009E-05	2.6169E-03	610350.43	42059103.03	11785.03518	0.00074	0.14283	1.7009E-05	7.5369E-04		
610357.43	42059103.03	12240.088	0.00270	0.14135	1.6833E-05	2.7172E-03	610357.43	42059103.03	12240.088	0.00077	0.14135	1.6833E-05	7.8196E-04		
610364.43	42059103.03	12715.24822	0.00281	0.13982	1.6651E-05	2.821BE-03	610364.43	42059103.03	12715.24822	0.00079	0.13982	1.6651E-05	8.1148E-04		
610371.43	42059103.03	13212.71454	0.00291	0.13827	1.6466E-05	2.9314E-03	610371.43	42059103.03	13212.71454	0.00083	0.13827	1.6466E-05	8.4240E-04		
610378.43	42059103.03	13732.86687	0.00303	0.13669	1.6279E-05	3.0459E-03	610378.43	42059103.03	13732.86687	0.00086	0.13669	1.6279E-05	8.7472E-04		
610385.43	42059103.03	14276.06164	0.00315	0.13507	1.6085E-05	3.1656E-03	610385.43	42059103.03	14276.06164	0.00089	0.13507	1.6085E-05	9.0848E-04		
610392.43	42059103.03	14844.55178	0.00327	0.13343	1.5890E-05	3.2908E-03	610392.43	42059103.03	14844.55178	0.00093	0.13343	1.5890E-05	9.4383E-04		
610399.43	42059103.03	15438.11234	0.00341	0.13175	1.5690E-05	3.4215E-03	610399.43	42059103.03	15438.11234	0.00097	0.13175	1.5690E-05	9.8073E-04		
610406.43	42059103.03	16058.93196	0.00354	0.13005	1.5487E-05	3.5583E-03	610406.43	42059103.03	16058.93196	0.00100	0.13005	1.5487E-05	1.0193E-03		
610413.43	42059103.03	16706.78296	0.00369	0.12832	1.5281E-05	3.7016E-03	610413.43	42059103.03	16706.78296	0.00104	0.12832	1.5281E-05	1.0596E-03		
610420.43	42059103.03	17383.98278	0.00384	0.12658	1.5074E-05	3.8502E-03	610420.43	42059103.03	17383.98278	0.00109	0.12658	1.5074E-05	1.1018E-03		
610427.43	42059103.03	18089.98659	0.00399	0.12480	1.4862E-05	4.0058E-03	610427.43	42059103.03	18089.98659	0.00113	0.12480	1.4862E-05	1.1457E-03		
610434.43	42059103.03	18827.3193	0.00415	0.12300	1.4648E-05	4.168ZE-03	610434.43	42059103.03	18827.3193	0.00118	0.12300	1.4648E-05	1.1915E-03		
610441.43	42059103.03	19595.88578	0.00432	0.12119	1.4432E-05	4.337BE-03	610441.43	42059103.03	19595.88578	0.00122	0.12119	1.4432E-05	1.2394E-03		
610448.43	42059103.03	20395.52376	0.00450	0.11935	1.4213E-05	4.5137E-03	610448.43	42059103.03	20395.52376	0.00127	0.11935	1.4213E-05	1.2891E-03		
610455.43	42059103.03	21228.56251	0.00468	0.11748	1.3990TE-05	4.6973E-03	610455.43	42059103.03	21228.56251	0.00133	0.11748	1.3990TE-05	1.3410E-03		
610462.43	42059103.03	22093.43641	0.00487	0.11558	1.3764E-05	4.887BE-03	610462.43	42059103.03	22093.43641	0.00138	0.11558	1.3764E-05	1.3948E-03		
610469.43	42059103.03	22992.1703	0.00507	0.11365	1.3534E-05	5.0859E-03	610469.43	42059103.03	22992.1703	0.00144	0.11365	1.3534E-05	1.4508E-03		
610476.43	42059103.03	23922.58242	0.00528	0.11170	1.3302dE-05	5.2910E-03	610476.43	42059103.03	23922.58242	0.00150	0.11170	1.3302dE-05	1.5087E-03		
610483.43	42059103.03	24886.06227	0.00549	0.10974	1.3068fF-05	5.5033E-03	610483.43	42059103.03	24886.06227	0.00156	0.10974	1.3068fF-05	1.5687E-03		
610490.43	42059103.03	25879.54431	0.00571	0.10776	1.2833ZE-05	5.7222E-03	610490.43	42059103.03	25879.54431	0.00162	0.10776	1.2833ZE-05	1.6306E-03		
610560.43	42059103.03	36701.53669	0.00810	0.08749	1.0419ZE-05	8.1071E-03	610560.43	42059103.03	36701.53669	0.00229	0.08749	1.0419ZE-05	2.3046E-03		
610658.43	42059103.03	40050.47833	0.00884	0.06084	7.2454E-06	8.8429E-03	610658.43	42059103.03	40050.47833	0.00250	0.06084	7.2454E-06	2.5108E-03		
610665.43	42059103.03	39070.19154	0.00862	0.05913	7.0418OE-06	8.6265E-03	610665.43	42059103.03	39070.19154	0.00244	0.05913	7.0418OE-06	2.4493E-03		
610672.43	42059103.03	37933.42405	0.00837	0.05747	6.8441IE-06	8.3755E-03	610672.43	42059103.03	37933.42405	0.00237	0.05747	6.8441IE-06	2.3781E-03		
610679.43	42059103.03	36654.98779	0.00809	0.05584	6.6499IE-06	8.0932E-03	610679.43	42059103.03	36654.98779	0.00229	0.05584	6.6499IE-06	2.2980E-03		
610686.43	42059103.03	35252.53775	0.00778	0.05424	6.4594SE-06	7.7837E-03	610686.43	42059103.03	35252.53775	0.00220	0.05424	6.4594SE-06	2.2101E-03		
610693.43	42059103.03	33744.86473	0.00744	0.05269	6.2748IE-06	7.4508E-03	610693.43	42059103.03	33744.86473	0.00211	0.05269	6.2748IE-06	2.1157E-03		
610700.43	42059103.03	32152.54803	0.00709	0.05119	6.0962ZE-06	7.0994E-03	610700.43	42059103.03	32152.54803	0.00201	0.05119	6.0962ZE-06	2.0160E-03		
610707.43	42059103.03	30495.7909	0.00673	0.04972	5.9216IE-06	6.7337E-03	610707.43	42059103.03	30495.7909	0.00191	0.04972	5.9216IE-06	1.9122E-03		
610714.43	42059103.03	28795.81692	0.00635	0.04831	5.7532dE-06	6.3585E-03	610714.43	42059103.03	28795.81692	0.00180	0.04831	5.7532dE-06	1.8058E-03		
610721.43	42059103.03	27071.65192	0.00597	0.04693	5.5889OE-06	5.9780E-03	610721.43	42059103.03	27071.65192	0.00169	0.04693	5.5889OE-06	1.6978E-03		
610728.43	42059103.03	25342.75313	0.00559	0.04561	5.431706-06	5.5984E-03	610728.43	42059103.03	25342.75313	0.00158	0.04561	5.431706-06	1.5898E-03		
610735.43	42059103.03	23627.04546	0.00521	0.04433	5.2792GE-06	5.2177E-03	610735.43	42059103.03	23627.04546	0.00148	0.04433	5.2792GE-06	1.4822E-03		
610742.43	42059103.03	21940.51554	0.00484	0.04309	5.1315IE-06	4.8455E-03	610742.43	42059103.03	21940.51554	0.00137	0.04309	5.1315IE-06	1.3766E-03		
610749.43	42059103.03	20298.91381	0.00448	0.04190	4.9898IE-06	4.4832E-03	610749.43	42059103.03	20298.91381	0.00127	0.04190	4.9898IE-06	1.2739E-03		
610756.43	42059103.03	18717.67289	0.00413	0.04075	4.8529ZE-06	4.1342E-03	610756.43	42059103.03	18717.67289	0.00117	0.04075	4.8529ZE-06	1.1749E-03		
610763.43	42059103.03	17209.6595	0.00380	0.03966	4.7231IE-06	3.8014E-03	610763.43	42059103.03	17209.6595	0.00108	0.03966	4.7231IE-06	1.0805E-03		
610770.43	42059103.03	15784.85388	0.00348	0.03860	4.596BIE-06	3.4870E-03	610770.43	42059103.03	15784.85388	0.00099	0.03860	4.596BIE-06	9.9131E-04		
610777.43	42059103.03	14450.87732	0.00319	0.03759	4.4706OE-06	3.1925E-03	610777.43	42059103.03	14450.87732	0.00090	0.03759	4.4706OE-06	9.0780E-04		
610784.43	42059103.03	13213.8109	0.00292	0.03662	4.3610BE-06	2.9195E-03	610784.43	42059103.03	13213.8109	0.00083	0.03662	4.3610BE-06	8.3038E-04		
610791.43	42059103.03	12076.27522	0.00266	0.03570	4.2515ZE-06	2.668dE-03	610791.43	42059103.03	12076.27522	0.00075	0.03570	4.2515ZE-06	7.5914E-04		
610798.43	42059103.03	11037.30526	0.00243	0.03481	4.1455IE-06	2.4391E-03	610798.43	42059103.03	11037.30526	0.00069	0.03481	4.1455IE-06	6.9409E-04		
610805.43	42059103.03	10095.03946	0.00223	0.03397	4.0454RE-06	2.2311E-03	610805.43	42059103.03	10095.03946	0.00063	0.03397	4.0454RE-06	6.3509E-04		
610812.43	42059103.03	9245.72896	0.00204	0.03316	3.9403IE-06	2.0437E-03	610812.43	42059103.03	9245.72896	0.00058	0.03316	3.9403IE-06	5.8190E-04		
610819.43	42059103.03	8483.95053	0.00187	0.03236	3.8563dE-06	1.8750E-03	610819.43	42059103.03	8483.95053	0.00053	0.03238	3.8563dE-06	5.3410E-04		
610826.43	42059103.03	7803.5222	0.00172	0.03164	3.7680IE-06	1.7253E-03	610826.43	42059103.03	7803.5222	0.00049	0.03164	3.7680IE-06	4.9157E-04		
610833.43	42059103.03	7197.53746	0.00159	0.03094	3.6846SE-06	1.5916E-03	610833.43	42059103.03	7197.53746	0.00045	0.03094	3.6846SE-06	4.5360E-04		
610840.43	42059103.03	6658.95958	0.00147	0.03026	3.603676-06	1.4727E-03	610840.43	42059103.03	6658.95958	0.00042	0.03026	3.603676-06	4.1986E-04		
610847.43	42059103.03	6180.79935	0.00136	0.02961	3.5262GE-06	1.3671E-03	610847.43	42059103.03	6180.79935	0.00039	0.02961	3.5262GE-06	3.8989E-04		
610854.43	42059103.03	5756.17856	0.00127	0.02899	3.4534ZE-06	1.2731E-03	610854.43	42059103.03	5756.17856	0.00036	0.02899	3.4534ZE-06	3.6327E-04		
610861.43	42059103.03	5378.95014	0.00119	0.02840	3.3821IE-06	1.1901E-03	610861.43	42059103.03	5378.95014	0.00034	0.02840	3.3821IE-06	3.3962E-04		
610868.43	42059103.03	5043.39221	0.00111	0.02783	3.3142BE-06	1.1160E-03	610868.43	42059103.03	5043.39221	0.00032	0.02783	3.3142BE-06	3.1858E-04		
610875.43	42059103.03	4744.36465	0.00105	0.02729	3.2499TE-06	1.0498E-03	610875.43	42059103.03	4744.36465	0.00030	0.02729	3.2499TE-06	2.9982E-04		
610882.43	42059103.03	4477.3868	0.00099	0.02676	3.1868SE-06	9.9096E-04	610882.43	42059103.03	4477.3868	0.00028	0.02676	3.1868SE-06	2.8307E-04		
610889.43	42059103.03	4238.36112	0.00094	0.02626	3.1273IE-06	9.3817E-04	610889.43	42059103.03	4238.36112	0.00026	0.02626	3.1273IE-06	2.6807E-04		
610910.43	42059103.03	3656.20134	0.00081	0.02486	2.9605dE-06	8.0957E-04	610910.43	42059103.03	3656.20134	0.00023	0.02486	2.9605dE-06	2.3151E-04		
610917.43	42059103.03	3498.20581	0.00077	0.02442	2.9081BE-06	7.7466E-04	610917.43	42059103.03	3498.20581	0.00022	0.02442	2.9081BE-06	2.2158E-04		
610924.43	42059103.03	3354.62203	0.00074	0.02401	2.8593SE-06	7.4293E-04	610924.43	42059103.03	3354.62203	0.00021	0.02401	2.8593SE-06	2.1256E-04		
610931.43	42059103.03	3223.74949	0.00071	0.02360	2.8103SE-06	7.1401E-04	610931.43	42059103.03	3223.74949	0.00020	0.02360	2.8103SE-06	2.0433E-04		
610938.43	42059103.03	3104.00508	0.00068	0.02321	2.7640BE-06	6.8755E-04	610938.43	42059103.03	3104.00508	0.00019	0.02321	2.7640BE-06	1.9680E-04		
610945.43	42059103.03	2994.10986	0.00066	0.02283	2.7183IE-06	6.632dE-04	610945.43	42059103.03	2994.10986	0.00019	0.02283	2.7183IE-06	1.8988E-04		
610952.43	42059103.03	2892.93035	0.00064	0.02246	2.6747GE-06	6.4089E-04	610952.43	42059103.03	2892.93035	0.00018	0.02246	2.6747GE-06	1.8351E-04		
610959.43	42059103.03	2799.46236	0.00062	0.02211	2.6330IE-06	6.2023E-04	610959.43	42059103.03	2799.46236	0.00017	0.02211	2.6330IE-06	1.7763E-04		
610966.43	42059103.03	2712.79169	0.00060	0.02176	2.5914OE-06	6.0107E-04	610966.43	42059103.03	2712.79169	0.00017	0.02176	2.5914OE-06	1.7217E-04		
610973.43	42059103.03	2632.19134	0.00058	0.02143	2.5521OE-06	5.832SE-04	610973.43	42059103.03	2632.19134	0.00016	0.02143	2.5521OE-06	1.6709E-04		
611001.43	42059103.03	2358.65027	0.00052	0.02017	2.4020SE-06	5.2275E-04	611001.43	42059103.03	2358.65027	0.00015	0.02017	2.4020SE-06	1.4984E-04		
611008.43	42059103.03	2300.07493	0.00051	0.01988	2.3675IE-06	5.098OE-04	611008.43	42059103.03	2300.07493	0.00014	0.01988	2.3675IE-06	1.4615E-04		
611015.43	42059103.03	2244.67616	0.00050	0.01959	2.3129BE-06	4.975dE-04	611015.43	42059103.03	2244.67616	0.00014	0.01959	2.3129BE-06	1.4265E-04		
611022.43	42059103.03	2192.14153	0.00048	0.01931	2.2996IE-06	4.8592E-04	611022.43	42059103.03	2192.14153	0.00014	0.01931	2.2996IE-06	1.3931E-04		
611029.43	42059103.03	2142.24167	0.00047	0.01904	2.2674BE-06	4.748BE-04	611029.43	42059103.03	2142.24167	0.00013	0.01904	2.2674BE-06	1.3618E-04		
611036.43	42059103.03	2094.68427	0.00046	0.01877	2.2353ZE-06	4.643SE-04	611036.43	42059103.03	2094.68427	0.00013	0.01877	2.2353ZE-06	1.3317E-04		
611043.43	42059103.03	2049.31166	0.00045	0.01851	2.2043dE-06	4.5431E-04	611043.43	42059103.03	2049.31166	0.00013	0.01851	2.2043dE-06	1.3031E-04		
611050.43	42059103.03	2005.9469	0.00044	0.01826	2.1745IE-06	4.4471E-04	611050.43	42059103.03	2005.9469	0.00013	0.01826	2.1745IE-06	1.2757E-04		
611057.43	42059103.03	1964.41636	0.00043	0.01801	2.1448IE-06	4.3532E-04	611057.43	42059103.03	1964.41636	0.00012	0.01801	2.1448IE-06	1.2494E-04		
611064.43	42059103.03	1924.56876	0.00042	0.01777	2.1162IE-06	4.267OE-04	611064.43	42059103.03	1924.56876	0.00012	0.01777	2.1162IE-06	1.2242E-04		
611071.43	42059103.03	1886.27501	0.00042	0.01753	2.0876SE-06	4.1823E-04	611071.43	42059103.03	1886.27501	0.00012	0.01753	2.0876SE-06	1.2000E-04		
611078.43	42059103.03	1849.43618	0.00041	0.01730	2.0602GE-06	4.1007E-04	611078.43	42059103.03	1849.43618	0.00012	0.01730	2.0602GE-06	1.1767E-04		
611085.43	42059103.03	1813.96984	0.00040	0.01707	2.0328TE-06	4.0222E-04	611085.43	42059103.03	1813.96984	0.00011	0.01707	2.0328TE-06	1.1542E-04		
611092.43	42059103.03	1779.77583	0.00039	0.01685	2.0066TE-06	3.9455E-04	611092.43	42059103.03	1779.77583	0.00011	0.01685	2.0066TE-06	1.1324E-04		
610294.43	42059317.03	8816.61015	0.00195	0.15857	1.8884IE-05	1.9639E-03	610294.43	42059317.03	8816.61015	0.00055	0.15857	1.8884IE-05	5.7001E-04		
610301.43	42059317.03	9136.25231	0.00202	0.15726	1.8728IE-05	2.034IE-03	610301.43	42059317.03	9136.25231	0.00057	0.15726	1.8728IE-05	5.8984E-04		
610308.43	42059317.03	9470.40503	0.00209	0.15591	1.8567IE-05	2.107BE-03	610308.43	42059317.03	9470.40503	0.00059	0.15591	1.8567IE-05	6.1056E-04		
610315.43	42059317.03	9819.92684	0.00217	0.15453	1.8403OE-05	2.184BE-03	610315.43	42059317.03	9819.92684	0.00061	0.15453	1.8403OE-05	6.3225E-04		
610322.43	42059317.03	10185.43505	0.00225	0.15311	1.8239IE-05	2.2651E-03	610322.43	42059317.03	10185.43505	0.00064	0.15311	1.8239IE-05	6.5493E-04		
610329.43	42059317.03	10567.89517	0.00233	0.15166	1.8061E-05	2.3495E-03	610329.43	42059317.03	10567.89517	0.00066	0.15166	1.8061E-05	6.7866E-04		
610336.43	42059317.03	10967.9468	0.00242	0.15017	1.7883BE-05	2.437GE-03	610336.43	42059317.03	10967.9468	0.00069	0.15017	1.7883BE-05	7.0349E-04		
610343.43	42059317.03	11386.65048	0.00251	0.14865	1.7702TE-05	2.529BE-03	610343.43	42059317.03	11386.65048	0.00071	0.14865	1.7702TE-05	7.2948E-04		
610350.43	42059317.03	11830.30901	0.00261	0.14717	1.7526SE-05	2.627SE-03	610350.43	42059317.03	11830.30901	0.00074	0.14717	1.7526SE-05	7.5704E-04		
610357.43	42059317.03	12294.31147	0.00271	0.14564	1.7344IE-05	2.729GE-03	610357.43	42059317.03	12294.31147	0.00077	0.14564	1.7344IE-05	7.8586E-04		
610364.43	42059317.03	12780.76938	0.00282	0.14409	1.7159TE-05	2.836BE-03	610364.43	42059317.03	12780.76938	0.00080	0.14409	1.7159TE-05	8.1609E-04		
610371.43	42059317.03	13289.52633	0.00293	0.14250	1.6970IE-05	2.948BE-03	610371.43	42059317.03	13289.52633	0.00083	0.14250	1.6970IE-05	8.4770E-04		
610378.43	42059317.03	13822.94127	0.00305	0.14098	1.6777HE-05	3.0663E-03	610378.43	42059317.03	13822.94127	0.00086	0.14098	1.6777HE-05	8.8085E-04		
610385.43	42059317.03	14380.84503	0.00317	0.13922	1.6579TE-05	3.189ZE-03	610385.43	42059317.03	14380.84503	0.00090	0.13922	1.6579TE-05	9.1553E-04		
610392.43	42059317.03	14965.83376	0.00330	0.13754	1.6379TE-05	3.3180E-03	610392.43	42059317.03	14965.83376	0.00094	0.13754	1.6379TE-05	9.5190E-04		
610399.43	42059317.03	15577.48217	0.00344	0.13583	1.6176OE-05	3.4528E-03	610399.43	42059317.03	15577.48217	0.00097	0.13583	1.6176OE-05	9.8993E-04		
610406.43	42059317.03	16218.72828	0.00358	0.13409	1.5968BE-05	3.5940E-03	610406.43	42059317.03	16218.72828	0.00101	0.13409	1.5968BE-05	1.0298E-03		
610413.43	42059317.03	16889.10646	0.00373	0.13231	1.5756BE-05	3.7417E-03	610413.43	42059317.03	16889.10646	0.00106	0.13231	1.5756BE-05	1.0715E-03		
610420.43	42059317.03	17590.57205	0.00388	0.13051	1.5542SE-05	3.8963E-03	610420.43	42059317.03	17590.57205	0.00110	0.13051	1.5542SE-05	1.1151E-03		
610427.43	42059317.03	18324.44154	0.00404	0.12868	1.5324SE-05	4.0579E-03	610427.43	42059317.03	18324.44154	0.00115	0.12868	1.5324SE-05	1.1608E-03		
610434.43	42059317.03	19092.65518	0.00421	0.12684	1.5105dE-05	4.2272E-03	610434.43	42059317.03	19092.65518	0.00119	0.12684	1.5105dE-05	1.2086E-03		
610441.43	42059317.03	19894.74557	0.00439	0.12496	1.4881SE-05	4.4039E-03	610441.43	42059317.03	19894.74557	0.00124	0.12496	1.4881SE-05	1.2585E-03		
610448.43	42059317.03	20732.43309	0.00457	0.12306	1.4655ZE-05	4.5885E-03	610448.43	42059317.03	20732.43309	0.00130	0.12306	1.4655ZE-05	1.3106E-03		
610455.43	42059317.03	21606.76842	0.00477	0.12113	1.4425dE-05	4.781ZE-03	610455.43	42059317.03	21606.76842	0.00135	0.12113	1.4425dE-05	1.3651E-03		
610462.43	42059317.03	22518.5382	0.00497	0.11916	1.4190BE-05	4.9821E-03	610462.43	42059317.03	22518.5382	0.00141	0.11916	1.4190BE-05	1.4218E-03		
610469.43	42059317.03	23469.43126	0.00518	0.11718	1.3955OE-05	5.1916E-03	610469.43	42059317.03	23469.43126	0.00147	0.11718	1.3955OE-05	1.4810E-03		
610476.43	42059317.03	24457.43905	0.00540	0.11516	1.3714AE-05	5.4094E-03	610476.43	42059317.03	24457.43905	0.00153	0.11516	1.3714AE-05	1.5426E-03		
610483.43	42059317.03	25483.75967	0.00562	0.11313	1.3472TE-05	5.635SE-03	610483.43	42059317.03	25483.75967	0.00159	0.11313	1.3472TE-05	1.6065E-03		
610623.43	42059317.03	45438.52403	0.01002	0.07174	8.5453ZE-06	1.0039E-02	610623.43	42059317.03	45438.52403	0.00284	0.07174	8.5453ZE-06	2.8488E-03		
610630.43	42059317.03	45430.34102	0.01002	0.06981	8.3136BE-06	1.0031E-02	610630.43	42059317.03	45430.34102	0.00284	0.06981	8.3136BE-06	2.8482E-03		
610637.43	42059317.03	45206.44533	0.00997	0.06790	8.0862ZE-06	9.9812E-03	610637.43	42059317.03	45206.44533	0.00283	0.06790	8.0862ZE-06	2.8339E-03		
610644.43	42059317.03	44770.12195	0.00988	0.06603	7.863526-06

610434.43	4205924.03	19344.47749	0.00427	0.13087	1.55853E-05	4.28326E-03	610434.43	4205924.03	19344.47749	0.00121	0.13087	1.55853E-05	1.22488E-03		
610441.43	4205924.03	20180.50466	0.00445	0.12894	1.53555E-05	4.4675E-03	610441.43	4205924.03	20180.50466	0.00126	0.12894	1.53555E-05	1.27680E-03		
610448.43	4205924.03	21055.19461	0.00465	0.12698	1.51221E-05	4.66020E-03	610448.43	4205924.03	21055.19461	0.00132	0.12698	1.51221E-05	1.33113E-03		
610455.43	4205924.03	21971.75817	0.00485	0.12498	1.48839E-05	4.86226E-03	610455.43	4205924.03	21971.75817	0.00137	0.12498	1.48839E-05	1.38833E-03		
610462.43	4205924.03	22929.56129	0.00506	0.12294	1.46409E-05	5.07326E-03	610462.43	4205924.03	22929.56129	0.00143	0.12294	1.46409E-05	1.44801E-03		
610469.43	4205924.03	23931.80381	0.00528	0.12088	1.43956E-05	5.29411E-03	610469.43	4205924.03	23931.80381	0.00150	0.12088	1.43956E-05	1.51041E-03		
610476.43	4205924.03	24977.13968	0.00551	0.11879	1.41467E-05	5.5244E-03	610476.43	4205924.03	24977.13968	0.00156	0.11879	1.41467E-05	1.57556E-03		
610483.43	4205924.03	26068.46315	0.00575	0.11669	1.38966E-05	5.76506E-03	610483.43	4205924.03	26068.46315	0.00163	0.11669	1.38966E-05	1.64344E-03		
610504.43	4205924.03	29612.09148	0.00653	0.11027	1.31321E-05	6.54606E-03	610504.43	4205924.03	29612.09148	0.00185	0.11027	1.31321E-05	1.86422E-03		
610511.43	4205924.03	30880.2964	0.00681	0.10811	1.28748E-05	6.82551E-03	610511.43	4205924.03	30880.2964	0.00193	0.10811	1.28748E-05	1.94321E-03		
610518.43	4205924.03	32185.90182	0.00710	0.10593	1.2615E-05	7.1133E-03	610518.43	4205924.03	32185.90182	0.00201	0.10593	1.2615E-05	2.02468E-03		
610525.43	4205924.03	33527.65502	0.00740	0.10374	1.23544E-05	7.40908E-03	610525.43	4205924.03	33527.65502	0.00210	0.10374	1.23544E-05	2.10826E-03		
610532.43	4205924.03	34896.65159	0.00770	0.10155	1.20936E-05	7.71088E-03	610532.43	4205924.03	34896.65159	0.00218	0.10155	1.20936E-05	2.19355E-03		
610539.43	4205924.03	36288.13355	0.00801	0.09936	1.18328E-05	8.01759E-03	610539.43	4205924.03	36288.13355	0.00227	0.09936	1.18328E-05	2.28202E-03		
610546.43	4205924.03	37689.7187	0.00831	0.09716	1.15708E-05	8.32641-03	610546.43	4205924.03	37689.7187	0.00236	0.09716	1.15708E-05	2.36760-03		
610553.43	4205924.03	39091.88375	0.00862	0.09496	1.13088E-05	8.63593-03	610553.43	4205924.03	39091.88375	0.00244	0.09496	1.13088E-05	2.45498-03		
610560.43	4205924.03	40477.79306	0.00893	0.09277	1.10480E-05	8.94106-03	610560.43	4205924.03	40477.79306	0.00253	0.09277	1.10480E-05	2.54136-03		
610567.43	4205924.03	41832.95556	0.00923	0.09059	1.07884E-05	9.23976-03	610567.43	4205924.03	41832.95556	0.00261	0.09059	1.07884E-05	2.62586-03		
610574.43	4205924.03	43136.96008	0.00952	0.08842	1.05299E-05	9.52716-03	610574.43	4205924.03	43136.96008	0.00270	0.08842	1.05299E-05	2.70706-03		
610581.43	4205924.03	44367.65655	0.00979	0.08626	1.02727E-05	9.79846-03	610581.43	4205924.03	44367.65655	0.00277	0.08626	1.02727E-05	2.78376-03		
610588.43	4205924.03	45503.98188	0.01004	0.08411	1.00167E-05	1.00498-02	610588.43	4205924.03	45503.98188	0.00284	0.08411	1.00167E-05	2.85456-03		
610595.43	4205924.03	46520.25798	0.01026	0.08199	9.76420E-06	1.0273E-02	610595.43	4205924.03	46520.25798	0.00291	0.08199	9.76420E-06	2.91786-03		
610602.43	4205924.03	47394.12896	0.01046	0.07988	9.51292E-06	1.04656-02	610602.43	4205924.03	47394.12896	0.00296	0.07988	9.51292E-06	2.97216-03		
610609.43	4205924.03	48100.25725	0.01061	0.07780	9.26512E-06	1.06216-02	610609.43	4205924.03	48100.25725	0.00301	0.07780	9.26512E-06	3.01686-03		
610616.43	4205924.03	48618.48321	0.01073	0.07574	9.01989E-06	1.0735E-02	610616.43	4205924.03	48618.48321	0.00304	0.07574	9.01989E-06	3.04826-03		
610623.43	4205924.03	48928.32324	0.01079	0.07371	8.77813E-06	1.08036-02	610623.43	4205924.03	48928.32324	0.00306	0.07371	8.77813E-06	3.06736-03		
610630.43	4205924.03	49011.94552	0.01081	0.07170	8.53876E-06	1.08216-02	610630.43	4205924.03	49011.94552	0.00306	0.07170	8.53876E-06	3.07236-03		
610637.43	4205924.03	48849.27712	0.01078	0.06972	8.30296E-06	1.07856-02	610637.43	4205924.03	48849.27712	0.00305	0.06972	8.30296E-06	3.06196-03		
610644.43	4205924.03	48440.47313	0.01069	0.06777	8.07074E-06	1.06956-02	610644.43	4205924.03	48440.47313	0.00303	0.06777	8.07074E-06	3.03616-03		
610665.43	4205924.03	45773.58461	0.01010	0.06214	7.40026E-06	1.01066-02	610665.43	4205924.03	45773.58461	0.00286	0.06214	7.40026E-06	2.86876-03		
610672.43	4205924.03	44443.3253	0.00980	0.06035	7.18709E-06	9.81206-03	610672.43	4205924.03	44443.3253	0.00278	0.06035	7.18709E-06	2.78536-03		
610679.43	4205924.03	42923.66184	0.00947	0.05859	6.97749E-06	9.47656-03	610679.43	4205924.03	42923.66184	0.00268	0.05859	6.97749E-06	2.69016-03		
610686.43	4205924.03	41239.329	0.00910	0.05688	6.77385E-06	9.10476-03	610686.43	4205924.03	41239.329	0.00258	0.05688	6.77385E-06	2.58476-03		
610693.43	4205924.03	39416.13547	0.00870	0.05521	6.57497E-06	8.70216-03	610693.43	4205924.03	39416.13547	0.00246	0.05521	6.57497E-06	2.47056-03		
610700.43	4205924.03	37480.7702	0.00827	0.05360	6.38323E-06	8.27526-03	610700.43	4205924.03	37480.7702	0.00234	0.05360	6.38323E-06	2.34936-03		
610707.43	4205924.03	35460.17034	0.00782	0.05203	6.19626E-06	7.82926-03	610707.43	4205924.03	35460.17034	0.00222	0.05203	6.19626E-06	2.22286-03		
610714.43	4205924.03	33381.50152	0.00736	0.05051	6.01524E-06	7.37046-03	610714.43	4205924.03	33381.50152	0.00209	0.05051	6.01524E-06	2.09276-03		
610721.43	4205924.03	31270.17943	0.00690	0.04904	5.84018E-06	6.90456-03	610721.43	4205924.03	31270.17943	0.00195	0.04904	5.84018E-06	1.96056-03		
610728.43	4205924.03	29151.25138	0.00643	0.04762	5.67107E-06	6.43686-03	610728.43	4205924.03	29151.25138	0.00182	0.04762	5.67107E-06	1.82786-03		
610735.43	4205924.03	27049.09857	0.00597	0.04625	5.50792E-06	5.97926-03	610735.43	4205924.03	27049.09857	0.00169	0.04625	5.50792E-06	1.69646-03		
610742.43	4205924.03	24983.04467	0.00551	0.04493	5.35072E-06	5.51706-03	610742.43	4205924.03	24983.04467	0.00156	0.04493	5.35072E-06	1.56706-03		
610749.43	4205924.03	22979.5559	0.00507	0.04366	5.19947E-06	5.07486-03	610749.43	4205924.03	22979.5559	0.00144	0.04366	5.19947E-06	1.44176-03		
610756.43	4205924.03	21057.8055	0.00465	0.04245	5.05538E-06	4.65076-03	610756.43	4205924.03	21057.8055	0.00132	0.04245	5.05538E-06	1.32146-03		
610763.43	4205924.03	19235.39152	0.00424	0.04128	4.91604E-06	4.24856-03	610763.43	4205924.03	19235.39152	0.00120	0.04128	4.91604E-06	1.20736-03		
610770.43	4205924.03	17526.3307	0.00387	0.04016	4.78266E-06	3.87136-03	610770.43	4205924.03	17526.3307	0.00110	0.04016	4.78266E-06	1.10046-03		
610777.43	4205924.03	15940.61335	0.00352	0.03909	4.65523E-06	3.52146-03	610777.43	4205924.03	15940.61335	0.00100	0.03909	4.65523E-06	1.00116-03		
610784.43	4205924.03	14485.26811	0.00320	0.03807	4.53376E-06	3.20026-03	610784.43	4205924.03	14485.26811	0.00091	0.03807	4.53376E-06	9.10016-04		
610791.43	4205924.03	13162.57395	0.00290	0.03709	4.41705E-06	2.90836-03	610791.43	4205924.03	13162.57395	0.00082	0.03709	4.41705E-06	8.27216-04		
610798.43	4205924.03	11969.43101	0.00264	0.03616	4.30630E-06	2.64496-03	610798.43	4205924.03	11969.43101	0.00075	0.03616	4.30630E-06	7.5252E-04		
610805.43	4205924.03	10900.92017	0.00240	0.03527	4.20031E-06	2.40016-03	610805.43	4205924.03	10900.92017	0.00068	0.03527	4.20031E-06	6.85626-04		
610812.43	4205924.03	9950.01968	0.00220	0.03442	4.09908E-06	2.19926-03	610812.43	4205924.03	9950.01968	0.00062	0.03442	4.09908E-06	6.26086-04		
610819.43	4205924.03	9107.61391	0.00201	0.03360	4.00143E-06	2.01336-03	610819.43	4205924.03	9107.61391	0.00057	0.03360	4.00143E-06	5.7332E-04		
610826.43	4205924.03	8363.89617	0.00185	0.03283	3.90973E-06	1.84916-03	610826.43	4205924.03	8363.89617	0.00052	0.03283	3.90973E-06	5.2674E-04		
610833.43	4205924.03	7708.51642	0.00170	0.03209	3.82160E-06	1.70446-03	610833.43	4205924.03	7708.51642	0.00048	0.03209	3.82160E-06	4.8568E-04		
610840.43	4205924.03	7131.35997	0.00157	0.03138	3.73705E-06	1.57706-03	610840.43	4205924.03	7131.35997	0.00045	0.03138	3.73705E-06	4.4952E-04		
610847.43	4205924.03	6623.03637	0.00146	0.03070	3.65607E-06	1.46486-03	610847.43	4205924.03	6623.03637	0.00041	0.03070	3.65607E-06	4.1766E-04		
610854.43	4205924.03	6174.54477	0.00136	0.03005	3.57866E-06	1.36586-03	610854.43	4205924.03	6174.54477	0.00039	0.03005	3.57866E-06	3.8955E-04		
610861.43	4205924.03	5778.23519	0.00127	0.02943	3.50462E-06	1.27836-03	610861.43	4205924.03	5778.23519	0.00036	0.02943	3.50462E-06	3.6470E-04		
610868.43	4205924.03	5427.13524	0.00120	0.02883	3.43337E-06	1.20076-03	610868.43	4205924.03	5427.13524	0.00034	0.02883	3.43337E-06	3.4268E-04		
610875.43	4205924.03	5115.13396	0.00113	0.02826	3.36549E-06	1.13186-03	610875.43	4205924.03	5115.13396	0.00032	0.02826	3.36549E-06	3.2311E-04		
610882.43	4205924.03	4837.11313	0.00107	0.02772	3.30118E-06	1.07046-03	610882.43	4205924.03	4837.11313	0.00030	0.02772	3.30118E-06	3.0567E-04		
610889.43	4205924.03	4588.49471	0.00101	0.02719	3.23806E-06	1.01556-03	610889.43	4205924.03	4588.49471	0.00029	0.02719	3.23806E-06	2.9007E-04		
610910.43	4205924.03	3982.84847	0.00088	0.02573	3.06419E-06	8.8174E-04	610910.43	4205924.03	3982.84847	0.00025	0.02573	3.06419E-06	2.5203E-04		
610917.43	4205924.03	3818.13139	0.00084	0.02527	3.00941E-06	8.4534E-04	610917.43	4205924.03	3818.13139	0.00024	0.02527	3.00941E-06	2.4168E-04		
610924.43	4205924.03	3668.12496	0.00081	0.02484	2.95820E-06	8.1220E-04	610924.43	4205924.03	3668.12496	0.00023	0.02484	2.95820E-06	2.3225E-04		
610931.43	4205924.03	3531.06221	0.00078	0.02441	2.90699E-06	7.8191E-04	610931.43	4205924.03	3531.06221	0.00022	0.02441	2.90699E-06	2.2363E-04		
610938.43	4205924.03	3405.36613	0.00075	0.02400	2.85816E-06	7.5413E-04	610938.43	4205924.03	3405.36613	0.00021	0.02400	2.85816E-06	2.1573E-04		
610945.43	4205924.03	3289.65381	0.00073	0.02361	2.81172E-06	7.2855E-04	610945.43	4205924.03	3289.65381	0.00021	0.02361	2.81172E-06	2.0845E-04		
610952.43	4205924.03	3182.69241	0.00070	0.02322	2.76527E-06	7.0491E-04	610952.43	4205924.03	3182.69241	0.00020	0.02322	2.76527E-06	2.0172E-04		
610959.43	4205924.03	3083.56153	0.00068	0.02285	2.72121E-06	6.8300E-04	610959.43	4205924.03	3083.56153	0.00019	0.02285	2.72121E-06	1.9548E-04		
610966.43	4205924.03	2991.30471	0.00066	0.02249	2.67834E-06	6.6260E-04	610966.43	4205924.03	2991.30471	0.00019	0.02249	2.67834E-06	1.8967E-04		
610973.43	4205924.03	2905.18744	0.00064	0.02214	2.63666E-06	6.4356E-04	610973.43	4205924.03	2905.18744	0.00018	0.02214	2.63666E-06	1.8424E-04		
610101.43	4205924.03	2610.02449	0.00058	0.02083	2.48065E-06	5.7829E-04	610101.43	4205924.03	2610.02449	0.00016	0.02083	2.48065E-06	1.6563E-04		
610108.43	4205924.03	2546.1863	0.00056	0.02052	2.44373E-06	5.6417E-04	610108.43	4205924.03	2546.1863	0.00016	0.02052	2.44373E-06	1.6161E-04		
610115.43	4205924.03	2485.62607	0.00055	0.02022	2.40800E-06	5.5077E-04	610115.43	4205924.03	2485.62607	0.00016	0.02022	2.40800E-06	1.5778E-04		
610122.43	4205924.03	2427.99602	0.00054	0.01993	2.37347E-06	5.3802E-04	610122.43	4205924.03	2427.99602	0.00015	0.01993	2.37347E-06	1.5416E-04		
610129.43	4205924.03	2373.03804	0.00052	0.01964	2.33893E-06	5.2586E-04	610129.43	4205924.03	2373.03804	0.00015	0.01964	2.33893E-06	1.5068E-04		
610136.43	4205924.03	2320.5341	0.00051	0.01936	2.30558E-06	5.1425E-04	610136.43	4205924.03	2320.5341	0.00015	0.01936	2.30558E-06	1.4736E-04		
610143.43	4205924.03	2270.28865	0.00050	0.01909	2.27343E-06	5.0313E-04	610143.43	4205924.03	2270.28865	0.00014	0.01909	2.27343E-06	1.4419E-04		
610150.43	4205924.03	2222.15512	0.00049	0.01883	2.24247E-06	4.9248E-04	610150.43	4205924.03	2222.15512	0.00014	0.01883	2.24247E-06	1.4115E-04		
610157.43	4205924.03	2175.91236	0.00048	0.01857	2.21150E-06	4.8225E-04	610157.43	4205924.03	2175.91236	0.00014	0.01857	2.21150E-06	1.3820E-04		
610164.43	4205924.03	2131.45432	0.00047	0.01831	2.18054E-06	4.7241E-04	610164.43	4205924.03	2131.45432	0.00013	0.01831	2.18054E-06	1.3542E-04		
610171.43	4205924.03	2088.62229	0.00046	0.01806	2.15077E-06	4.6293E-04	610171.43	4205924.03	2088.62229	0.00013	0.01806	2.15077E-06	1.3271E-04		
610178.43	4205924.03	2047.37444	0.00045	0.01782	2.12219E-06	4.5380E-04	610178.43	4205924.03	2047.37444	0.00013	0.01782	2.12219E-06	1.3010E-04		
610185.43	4205924.03	2007.60737	0.00044	0.01758	2.09360E-06	4.4500E-04	610185.43	4205924.03	2007.60737	0.00013	0.01758	2.09360E-06	1.2759E-04		
610192.43	4205924.03	1969.16283	0.00043	0.01735	2.06621E-06	4.3649E-04	610192.43	4205924.03	1969.16283	0.00012	0.01735	2.06621E-06	1.2516E-04		
610294.43	4205931.03	8797.81516	0.00194	0.16827	2.00393E-05	1.9616E-03	610294.43	4205931.03	8797.81516	0.00055	0.16827	2.00393E-05	5.6999E-04		
610301.43	4205931.03	9124.17389	0.00201	0.16692	1.98785E-05	2.0328E-03	610301.43	4205931.03	9124.17389	0.00057	0.16692	1.98785E-05	5.9023E-04		
610308.43	4205931.03	9465.93313	0.00209	0.16553	1.97130E-05	2.1088E-03	610308.43	4205931.03	9465.93313	0.00059	0.16553	1.97130E-05	6.1143E-04		
610315.43	4205931.03	9824.0592	0.00217	0.16410	1.95427E-05	2.1869E-03	610315.43	4205931.03	9824.0592	0.00061	0.16410	1.95427E-05	6.3365E-04		
610322.43	4205931.03	10199.30011	0.00225	0.16263	1.93676E-05	2.2695E-03	610322.43	4205931.03	10199.30011	0.00064	0.16263	1.93676E-05	6.5691E-04		
610329.43	4205931.03	10592.70459	0.00234	0.16112	1.91878E-05	2.3561E-03	610329.43	4205931.03	10592.70459	0.00066	0.16112	1.91878E-05	6.8134E-04		
610336.43	4205931.03	11005.14042	0.00243	0.15958	1.90044E-05	2.4469E-03	610336.43	4205931.03	11005.14042	0.00069	0.15958	1.90044E-05	7.0694E-04		
610343.43	4205931.03	11438.25745	0.00252	0.15801	1.88174E-05	2.5423E-03	610343.43	4205931.03	11438.25745	0.00072	0.15801	1.88174E-05	7.3381E-04		
610350.43	4205931.03	11897.1849	0.00262	0.15646	1.86328E-05	2.6433E-03	610350.43	4205931.03	11897.1849	0.00074	0.15646	1.86328E-05	7.6233E-04		
610357.43	4205931.03	12379.55463	0.00273	0.15488	1.84447E-05	2.7495E-03	610357.43	4205931.03	12379.55463	0.00077	0.15488	1.84447E-05	7.9229E-04		
610364.43	4205931.03	12885.30592	0.00284	0.15326	1.82518E-05	2.8609E-03	610364.43	4205931.03	12885.30592	0.00081	0.15326	1.82518E-05	8.2371E-04		
610371.43	4205931.03	13416.97987	0.00296	0.15160	1.80541E-05	2.9780E-03	610371.43	4205931.03	13416.97987	0.00084	0.15160	1.80541E-05	8.5675E-04		
610378.43	4205931.03	13974.77056	0.00308	0.14991	1.78528E-05	3.1009E-03	610378.43	4205931.03	13974.77056	0.00087	0.14991	1.78528E-05	8.9142E-04		
610385.43	4205931.03	14561.33658	0.00321	0.14818	1.76468E-05	3.2301E-03	610385.43	4205931.03	14561.33658	0.00091	0.14818	1.76468E-05	9.2788E-04		
610392.43	4205931.03	15176.77524	0.00335	0.14641	1.74360E-05	3.3656E-03	610392.43	4205931.03	15176.77524	0.00095	0.14641	1.74360E-05	9.6614E-04		
610399.43	4205931.03	15824.23818	0.00349	0.14462	1.72228E-05	3.5083E-03	610399.43	4205931.03	15824.23818	0.00099	0.14462	1.72228E-05	1.0064E-03		
610406.43	4205931.03	16503.63734	0.00364	0.14279	1.70049E-05	3.6579E-03	610406.43	4205931.03	16503.63734	0.00103	0.14279	1.70049E-05	1.0487E-03		
610413.43	4205931.03	17217.52179	0.00380	0.14092	1.67822E-05	3.8152E-03	610413.43	4205931.03	17217.52179	0.00108	0.14092	1.67822E-05	1.0931E-03		
610420.43	4205931.03	17967.58836	0.00396	0.13902	1.65559E-05	3.9858E-03	610420.43	4205931.03	17967.58836	0.00112	0.13902	1.65559E-05	1.1397E-03		
610427.43	4205931.03	18753.73015	0.00414	0.13708	1.63249E-05	4.1537E-03	610427.43	4205931.03	18753.73015	0.00117	0.13708	1.63249E-05	1.1886E-03		
610434.43	4205931.03	19580.68491	0.00432	0.13511	1.60903E-05	4.3359E-03	610434.43	4205931.03	19580.68491	0.00122	0.13511	1.60903E-05	1.2401E-03		
610441.43	4205931.03	20449.15963	0.00451	0.13312	1.58533E-05	4.5272E-03	610441.43	4205931.03	20449.15963	0.00128	0.13312	1.58533E-05	1.2941E-03		
610448.43	4205931.03	21361.19475	0.00471	0.13108	1.56103E-05	4.7282E-03	610448.43	4205931.03	21361.19475	0.00134	0.13108	1.56103E-05	1.3509E-03		
610455.43	4205931.03	22317.51498	0.00492	0.12901	1.53626E-05	4.9388E-03	610455.43	4205931.03	22317.51498	0.00140	0.12900	1.53626E-05	1.4104E-03		
610462.43	4205931.03	23322.12052	0.00515	0.12690	1.51125E-05	5.1603E-03	610462.43	4205931.03	23322.12052	0.00146	0.12690	1.51125E-05	1.4730E-03		
610469.43	4205931.03	24375.60278	0.00538	0.12477	1.48589E-05	5.3925E-03	610469.43	4205931.03	24375.60278	0.00152	0.12477	1.48589E-05	1.5386E-03		
610476.43	4205931.03	25479.71153	0.00562	0.12261	1.46016E-05	5.6358E-03	610476.43	4205931.03	25479.71153	0.00159	0.12261	1.46016E-05	1.6078E-03		
610483.43	4205931.03	26635.53924	0.00588	0.12043	1.43420E-05	5.8905E-03	610483.43	4205931.03	26635.53924	0.00166	0.12043	1.43420E-05	1.6793E-03		
610490.43	4205931.03	27844.36078	0.00614	0.11822	1.40788E-05	6.1569E-03	610490.43	4205931.03	27844.36078	0.00174	0.11822	1.40788E-05	1.7546E-03		
610504.43	4205931.03	30426.33013	0.00671	0.11377	1.35489E-05	6.7260E-03	610504.43	4205931.03	30426.33013	0.00190	0.11377	1.35489E-05	1.9155E-03		
610511.43	4205931.03	31797.43789	0.00701	0.11153	1.32821E-05	7.0282E-03	610511.43	4205931.03	31797.43789	0.00199	0.11153	1.32821E-05	2.0009E-03		
610518.43	4205931.03	33217.88497	0.00733	0.10927	1.3013E-05	7.3418E-03	610518.43	4205931.03	33217.88497	0.00208	0.10927	1.3013E-05	2.0859E-03		
610525.43	4205931.03	34687.29186	0.00765	0.10700	1.27426E-05	7.6652E-03	610525.43	4205931.03	34687.29186	0.00217	0.10700	1.27426E-05	2.1811E-03		
610532.43	4205931.03	36197.50909	0.00799	0.10473	1.24723E-05	7.9981E-03	610532.43	4205931.03	36197.50909	0.00226	0.10473	1.24723E-05	2.2751E-03		
610539.43	4205931.03	37744.6684	0.00833	0.10245	1.22008E-05	8.3392E-03	610539.43	4205931.03	37744.6684	0.00236	0.10245	1.22008E-05	2.3716E-03		
610546.43	4205931.03	39316.32979	0.00867	0.10016	1.19281E-05	8.68566-03	610546.43	4205931.03	39316.32979	0.00246	0.10016	1.19281E-05	2.46966-03		
610553.43	4205931.03	40903.42784	0.00902	0.09788	1.16565E-05	9.03556-03	610553.43	4205931.03	40903.42784	0.00256	0.09788	1.16565E-05	2.56856-03		
610560.43	4205931.03	42489.30948	0.00937	0.09560	1.13850E-05	9.38516-03	610560.43	4205931.03	42489.30948	0.00266	0.09560	1.13850E-05	2.66746-03		
610567.43	4205931.03	44054.24048	0.00972	0.09333	1.11147E-05	9.73016-03	610567.43	4205931.03	44054.24048	0.00275	0.09333	1.11147E-05	2.76506-03		
610574.43	4205931.03	45579.34186	0.01006	0.09107	1.08455E-05	1.00666-02	610574.43	4205931.03	45579.34186	0.00285	0.09107	1.08455E-05	2.86006-03		
610581.43	4205931.03	47037.39526	0.01038	0.08883	1.05788E-05	1.03886-02	610581.43	4205931.03	47037.39526	0.00294	0.08883	1.05788E-05	2.95096-03		
610588.43	4205931.03	48403.5355	0.01068	0.08660	1.03132E-05	1.06986-02	610588.43	4205931.03	48403.5355	0.00303	0.08660	1.03132E-05	3.03606-03		
610595.43	4205931.03	49646.55158	0.01095	0.08439	1.00500E-05	1.09636-02	610595.43	4205931.03	49646.55158	0.00310	0.08439	1.00500E-05	3.1135E-03		
610602.43	4205931.03	50738.5469	0.01119	0.08220	9.78921E-06	1.12036-02	610602.43	4205931.03	50738.5469	0.00317	0.08220	9.78921E-06	3.1815E-03		
610609.43	4205931.03	51648.89863	0.01139	0.08003	9.53078E-06	1.14046-02	610609.43	4205931.03	51648.89863	0.00323	0.08003	9.53078E-06	3.2381E-03		
610616.43	4205931.03	52348.05673	0.01155	0.07789	9.27593E-06	1.1558E-02	610616.43	4205931.03	52348.05673	0.00327	0.07789	9.27593E-06	3.2816E-03		
610623.43	4205931.03	52812.74513	0.01165	0.07577	9.02346E-06	1.16606-02	610623.43	4205931.03	52812.74513	0.00330	0.07577	9.02346E-06	3.3104E-03		
610630.43	4205931.03	53018.25816	0.01170	0.07368	8.77456E-06	1.17056-02	610630.43	4205931.03	53018.25816	0.00331	0.07368	8.77456E-06	3.3230E-03		
610637.43	4205931.03	52939.52105	0.01168	0.07162	8.52923E-06	1.16886-02	610637.43	4205931.03	52939.52105	0.00331	0.07162	8.52923E-06	3.3178E-03		
610644.43	4205931.03	52574.33091	0.01160	0.06960	8.28867E-06	1.16076-02	610644.43	4205931.03	52574.33091	0.00329	0.06960	8.28867E-06	3.2947E

610420.43	4205938.03	18132.09381	0.00400	0.14359	1.7100E-05	4.0178E-03	610420.43	4205938.03	18132.09381	0.00113	0.14359	1.7100E-05	1.1505E-03
610427.43	4205938.03	18944.28674	0.00418	0.14159	1.6862E-05	4.1962E-03	610427.43	4205938.03	18944.28674	0.00118	0.14159	1.6862E-05	1.2011E-03
610434.43	4205938.03	19799.14736	0.00437	0.13956	1.6620E-05	4.3846E-03	610434.43	4205938.03	19799.14736	0.00124	0.13956	1.6620E-05	1.2543E-03
610441.43	4205938.03	20699.26748	0.00457	0.13750	1.6374E-05	4.5829E-03	610441.43	4205938.03	20699.26748	0.00129	0.13750	1.6374E-05	1.3103E-03
610448.43	4205938.03	21646.87547	0.00478	0.13538	1.6122E-05	4.7917E-03	610448.43	4205938.03	21646.87547	0.00135	0.13538	1.6122E-05	1.3693E-03
610455.43	4205938.03	22644.24413	0.00500	0.13323	1.5865E-05	5.0115E-03	610455.43	4205938.03	22644.24413	0.00142	0.13323	1.5865E-05	1.4314E-03
610462.43	4205938.03	23693.89372	0.00523	0.13105	1.5606E-05	5.2428E-03	610462.43	4205938.03	23693.89372	0.00148	0.13105	1.5606E-05	1.4967E-03
610469.43	4205938.03	24798.30231	0.00547	0.12885	1.5344E-05	5.4862E-03	610469.43	4205938.03	24798.30231	0.00155	0.12885	1.5344E-05	1.5655E-03
610476.43	4205938.03	25959.56198	0.00573	0.12661	1.5078E-05	5.7421E-03	610476.43	4205938.03	25959.56198	0.00162	0.12661	1.5078E-05	1.6378E-03
610483.43	4205938.03	27180.02301	0.00600	0.12435	1.4808E-05	6.0111E-03	610483.43	4205938.03	27180.02301	0.00170	0.12435	1.4808E-05	1.7138E-03
610490.43	4205938.03	28462.96368	0.00628	0.12206	1.4536E-05	6.2939E-03	610490.43	4205938.03	28462.96368	0.00178	0.12206	1.4536E-05	1.7938E-03
610504.43	4205938.03	31223.24925	0.00689	0.11746	1.3988E-05	6.9023E-03	610504.43	4205938.03	31223.24925	0.00195	0.11746	1.3988E-05	1.9658E-03
610511.43	4205938.03	32700.68537	0.00721	0.11513	1.3710E-05	7.2278E-03	610511.43	4205938.03	32700.68537	0.00204	0.11513	1.3710E-05	2.0578E-03
610518.43	4205938.03	34240.64479	0.00755	0.11278	1.3431E-05	7.5674E-03	610518.43	4205938.03	34240.64479	0.00214	0.11278	1.3431E-05	2.1538E-03
610525.43	4205938.03	35844.2857	0.00791	0.11043	1.3151E-05	7.9209E-03	610525.43	4205938.03	35844.2857	0.00224	0.11043	1.3151E-05	2.2538E-03
610532.43	4205938.03	37504.70815	0.00827	0.10806	1.2868E-05	8.2869E-03	610532.43	4205938.03	37504.70815	0.00234	0.10806	1.2868E-05	2.3573E-03
610539.43	4205938.03	39219.23423	0.00865	0.10569	1.2586E-05	8.6649E-03	610539.43	4205938.03	39219.23423	0.00245	0.10569	1.2586E-05	2.4642E-03
610546.43	4205938.03	40977.98772	0.00904	0.10332	1.2304E-05	9.0526E-03	610546.43	4205938.03	40977.98772	0.00256	0.10332	1.2304E-05	2.5738E-03
610553.43	4205938.03	42767.64627	0.00944	0.10094	1.2021E-05	9.4471E-03	610553.43	4205938.03	42767.64627	0.00267	0.10094	1.2021E-05	2.6854E-03
610560.43	4205938.03	44576.1212	0.00983	0.09858	1.1739E-05	9.8458E-03	610560.43	4205938.03	44576.1212	0.00279	0.09858	1.1739E-05	2.7982E-03
610567.43	4205938.03	46380.90195	0.01023	0.09621	1.1457E-05	1.0244E-02	610567.43	4205938.03	46380.90195	0.00290	0.09621	1.1457E-05	2.9107E-03
610574.43	4205938.03	48160.77979	0.01062	0.09386	1.1178E-05	1.0636E-02	610574.43	4205938.03	48160.77979	0.00301	0.09386	1.1178E-05	3.0217E-03
610581.43	4205938.03	49885.27682	0.01101	0.09152	1.0899E-05	1.1016E-02	610581.43	4205938.03	49885.27682	0.00312	0.09152	1.0899E-05	3.1292E-03
610588.43	4205938.03	51524.56492	0.01137	0.08920	1.0622E-05	1.1378E-02	610588.43	4205938.03	51524.56492	0.00322	0.08920	1.0622E-05	3.2314E-03
610595.43	4205938.03	53042.05804	0.01170	0.08690	1.0348E-05	1.1712E-02	610595.43	4205938.03	53042.05804	0.00332	0.08690	1.0348E-05	3.3260E-03
610602.43	4205938.03	54599.78788	0.01200	0.08462	1.0077E-05	1.2011E-02	610602.43	4205938.03	54599.78788	0.00340	0.08462	1.0077E-05	3.4106E-03
610609.43	4205938.03	55562.16488	0.01226	0.08237	9.8094E-06	1.2268E-02	610609.43	4205938.03	55562.16488	0.00347	0.08237	9.8094E-06	3.4830E-03
610616.43	4205938.03	56490.4061	0.01246	0.08014	9.5438E-06	1.2472E-02	610616.43	4205938.03	56490.4061	0.00353	0.08014	9.5438E-06	3.5408E-03
610623.43	4205938.03	57153.42127	0.01261	0.07793	9.2806E-06	1.2618E-02	610623.43	4205938.03	57153.42127	0.00357	0.07793	9.2806E-06	3.5858E-03
610630.43	4205938.03	57518.77439	0.01269	0.07576	9.0222E-06	1.2698E-02	610630.43	4205938.03	57518.77439	0.00360	0.07576	9.0222E-06	3.6045E-03
610637.43	4205938.03	57554.41638	0.01270	0.07362	8.7674E-06	1.2700E-02	610637.43	4205938.03	57554.41638	0.00360	0.07362	8.7674E-06	3.6065E-03
610644.43	4205938.03	57254.06641	0.01263	0.07151	8.5163E-06	1.2640E-02	610644.43	4205938.03	57254.06641	0.00358	0.07151	8.5163E-06	3.5875E-03
610651.43	4205938.03	56616.29283	0.01249	0.06944	8.2696E-06	1.2499E-02	610651.43	4205938.03	56616.29283	0.00354	0.06944	8.2696E-06	3.5474E-03
610658.43	4205938.03	52805.01681	0.01165	0.06748	8.0598E-06	1.1657E-02	610658.43	4205938.03	52805.01681	0.00330	0.06748	7.5598E-06	3.3084E-03
610679.43	4205938.03	50985.95753	0.01125	0.06159	7.3347E-06	1.1256E-02	610679.43	4205938.03	50985.95753	0.00319	0.06159	7.3347E-06	3.1945E-03
610686.43	4205938.03	48947.56644	0.01080	0.05974	7.1144E-06	1.0806E-02	610686.43	4205938.03	48947.56644	0.00306	0.05974	7.1144E-06	3.0668E-03
610693.43	4205938.03	46725.93254	0.01031	0.05795	6.9012E-06	1.0315E-02	610693.43	4205938.03	46725.93254	0.00292	0.05795	6.9012E-06	2.9277E-03
610700.43	4205938.03	44355.16193	0.00979	0.05621	6.6940E-06	9.7921E-03	610700.43	4205938.03	44355.16193	0.00277	0.05621	6.6940E-06	2.7793E-03
610707.43	4205938.03	41869.37991	0.00924	0.05452	6.4927E-06	9.2435E-03	610707.43	4205938.03	41869.37991	0.00262	0.05452	6.4927E-06	2.6238E-03
610714.43	4205938.03	39301.77564	0.00867	0.05289	6.2986E-06	8.6768E-03	610714.43	4205938.03	39301.77564	0.00246	0.05289	6.2986E-06	2.4631E-03
610721.43	4205938.03	36683.95911	0.00809	0.05131	6.1105E-06	8.0991E-03	610721.43	4205938.03	36683.95911	0.00229	0.05131	6.1105E-06	2.2992E-03
610728.43	4205938.03	34047.96372	0.00751	0.04979	5.9295E-06	7.5174E-03	610728.43	4205938.03	34047.96372	0.00213	0.04979	5.9295E-06	2.1343E-03
610735.43	4205938.03	31423.31766	0.00693	0.04832	5.7544E-06	6.9382E-03	610735.43	4205938.03	31423.31766	0.00196	0.04832	5.7544E-06	1.9700E-03
610742.43	4205938.03	28848.10504	0.00636	0.04691	5.5865E-06	6.3699E-03	610742.43	4205938.03	28848.10504	0.00180	0.04691	5.5865E-06	1.8089E-03
610749.43	4205938.03	26355.77665	0.00581	0.04556	5.4257E-06	5.8198E-03	610749.43	4205938.03	26355.77665	0.00165	0.04556	5.4257E-06	1.6529E-03
610756.43	4205938.03	23974.45942	0.00529	0.04427	5.2721E-06	5.2944E-03	610756.43	4205938.03	23974.45942	0.00150	0.04427	5.2721E-06	1.5039E-03
610763.43	4205938.03	21731.55481	0.00479	0.04303	5.1245E-06	4.7994E-03	610763.43	4205938.03	21731.55481	0.00136	0.04303	5.1245E-06	1.3636E-03
610770.43	4205938.03	19645.99388	0.00433	0.04184	4.9827E-06	4.3392E-03	610770.43	4205938.03	19645.99388	0.00123	0.04184	4.9827E-06	1.2331E-03
610777.43	4205938.03	17733.09687	0.00391	0.04071	4.8481E-06	3.9170E-03	610777.43	4205938.03	17733.09687	0.00111	0.04071	4.8481E-06	1.1133E-03
610784.43	4205938.03	16000.25313	0.00353	0.03963	4.7183E-06	3.5348E-03	610784.43	4205938.03	16000.25313	0.00100	0.03963	4.7183E-06	1.0049E-03
610791.43	4205938.03	14448.29215	0.00319	0.03859	4.5956E-06	3.1921E-03	610791.43	4205938.03	14448.29215	0.00090	0.03859	4.5956E-06	9.0766E-04
610798.43	4205938.03	13069.7621	0.00288	0.03760	4.4779E-06	2.8878E-03	610798.43	4205938.03	13069.7621	0.00082	0.03760	4.4779E-06	8.2147E-04
610805.43	4205938.03	11854.57161	0.00262	0.03666	4.3654E-06	2.6196E-03	610805.43	4205938.03	11854.57161	0.00074	0.03666	4.3654E-06	7.4540E-04
610812.43	4205938.03	10789.39441	0.00238	0.03577	4.2598E-06	2.3845E-03	610812.43	4205938.03	10789.39441	0.00067	0.03577	4.2598E-06	6.7871E-04
610819.43	4205938.03	9859.1095	0.00218	0.03491	4.157E-06	2.1792E-03	610819.43	4205938.03	9859.1095	0.00062	0.03491	4.157E-06	6.2045E-04
610826.43	4205938.03	9048.00024	0.00200	0.03410	4.0609E-06	2.0002E-03	610826.43	4205938.03	9048.00024	0.00057	0.03410	4.0609E-06	5.6965E-04
610833.43	4205938.03	8340.93447	0.00184	0.03332	3.9680E-06	1.8441E-03	610833.43	4205938.03	8340.93447	0.00052	0.03332	3.9680E-06	5.2536E-04
610840.43	4205938.03	7723.82276	0.00170	0.03257	3.8787E-06	1.7079E-03	610840.43	4205938.03	7723.82276	0.00048	0.03257	3.8787E-06	4.8670E-04
610847.43	4205938.03	7183.98783	0.00158	0.03186	3.7942E-06	1.5887E-03	610847.43	4205938.03	7183.98783	0.00045	0.03186	3.7942E-06	4.5287E-04
610854.43	4205938.03	6710.41992	0.00148	0.03118	3.7132E-06	1.4841E-03	610854.43	4205938.03	6710.41992	0.00042	0.03118	3.7132E-06	4.2318E-04
610861.43	4205938.03	6293.50846	0.00139	0.03053	3.6363E-06	1.3921E-03	610861.43	4205938.03	6293.50846	0.00039	0.03053	3.6363E-06	3.9704E-04
610868.43	4205938.03	5925.05211	0.00131	0.02991	3.5619E-06	1.3107E-03	610868.43	4205938.03	5925.05211	0.00037	0.02991	3.5619E-06	3.7394E-04
610875.43	4205938.03	5598.11377	0.00124	0.02934	3.4905E-06	1.2385E-03	610875.43	4205938.03	5598.11377	0.00035	0.02931	3.4905E-06	3.5343E-04
610882.43	4205938.03	5306.81124	0.00117	0.02874	3.4226E-06	1.1742E-03	610882.43	4205938.03	5306.81124	0.00033	0.02874	3.4226E-06	3.3515E-04
610889.43	4205938.03	5046.11637	0.00111	0.02819	3.3571E-06	1.1166E-03	610889.43	4205938.03	5046.11637	0.00032	0.02819	3.3571E-06	3.1879E-04
610910.43	4205938.03	4409.0021	0.00097	0.02665	3.1737E-06	9.7586E-04	610910.43	4205938.03	4409.0021	0.00028	0.02665	3.1737E-06	2.7878E-04
610917.43	4205938.03	4234.75229	0.00093	0.02618	3.1177E-06	9.3736E-04	610917.43	4205938.03	4234.75229	0.00026	0.02618	3.1177E-06	2.6783E-04
610924.43	4205938.03	4075.52743	0.00090	0.02572	3.0630E-06	9.0218E-04	610924.43	4205938.03	4075.52743	0.00025	0.02572	3.0630E-06	2.5782E-04
610931.43	4205938.03	3929.44117	0.00087	0.02528	3.0106E-06	8.6990E-04	610931.43	4205938.03	3929.44117	0.00025	0.02528	3.0106E-06	2.4864E-04
610938.43	4205938.03	3794.78714	0.00084	0.02485	2.9593E-06	8.4014E-04	610938.43	4205938.03	3794.78714	0.00024	0.02485	2.9593E-06	2.4017E-04
610945.43	4205938.03	3670.30188	0.00081	0.02444	2.9105E-06	8.1263E-04	610945.43	4205938.03	3670.30188	0.00023	0.02444	2.9105E-06	2.3234E-04
610952.43	4205938.03	3554.72229	0.00078	0.02403	2.8617E-06	7.8708E-04	610952.43	4205938.03	3554.72229	0.00022	0.02403	2.8617E-06	2.2507E-04
610959.43	4205938.03	3447.07335	0.00076	0.02364	2.8152E-06	7.6328E-04	610959.43	4205938.03	3447.07335	0.00022	0.02364	2.8152E-06	2.1826E-04
610966.43	4205938.03	3346.41072	0.00074	0.02326	2.7700E-06	7.4103E-04	610966.43	4205938.03	3346.41072	0.00021	0.02326	2.7700E-06	2.1195E-04
610973.43	4205938.03	3251.98301	0.00072	0.02290	2.7271E-06	7.2016E-04	610973.43	4205938.03	3251.98301	0.00020	0.02290	2.7271E-06	2.0601E-04
611001.43	4205938.03	2924.9548	0.00065	0.02152	2.5628E-06	6.4785E-04	611001.43	4205938.03	2924.9548	0.00018	0.02152	2.5628E-06	1.8540E-04
611008.43	4205938.03	2853.50188	0.00063	0.02120	2.5247E-06	6.3205E-04	611008.43	4205938.03	2853.50188	0.00018	0.02120	2.5247E-06	1.8090E-04
611015.43	4205938.03	2785.43431	0.00061	0.02089	2.4877E-06	6.1699E-04	611015.43	4205938.03	2785.43431	0.00017	0.02089	2.4877E-06	1.7661E-04
611022.43	4205938.03	2720.4764	0.00060	0.02058	2.4508E-06	6.0263E-04	611022.43	4205938.03	2720.4764	0.00017	0.02058	2.4508E-06	1.7251E-04
611029.43	4205938.03	2658.37681	0.00059	0.02028	2.4151E-06	5.8889E-04	611029.43	4205938.03	2658.37681	0.00017	0.02028	2.4151E-06	1.6859E-04
611036.43	4205938.03	2598.859	0.00057	0.01999	2.3806E-06	5.7572E-04	611036.43	4205938.03	2598.859	0.00016	0.01999	2.3806E-06	1.6484E-04
611043.43	4205938.03	2541.78045	0.00056	0.01970	2.3460E-06	5.6310E-04	611043.43	4205938.03	2541.78045	0.00016	0.01970	2.3460E-06	1.6123E-04
611050.43	4205938.03	2486.94349	0.00055	0.01943	2.3139E-06	5.5097E-04	611050.43	4205938.03	2486.94349	0.00016	0.01943	2.3139E-06	1.5777E-04
611057.43	4205938.03	2434.18174	0.00054	0.01915	2.2805E-06	5.3929E-04	611057.43	4205938.03	2434.18174	0.00015	0.01915	2.2805E-06	1.5444E-04
611064.43	4205938.03	2383.34331	0.00053	0.01889	2.2496E-06	5.2805E-04	611064.43	4205938.03	2383.34331	0.00015	0.01889	2.2496E-06	1.5123E-04
611092.43	4205938.03	2197.24368	0.00048	0.01789	2.1305E-06	4.8687E-04	611092.43	4205938.03	2197.24368	0.00014	0.01789	2.1305E-06	1.3948E-04
610294.43	4205945.03	8757.64577	0.00193	0.17885	2.1299E-05	1.9534E-03	610294.43	4205945.03	8757.64577	0.00055	0.17885	2.1299E-05	5.6874E-04
610301.43	4205945.03	9088.76977	0.00201	0.17745	2.1132E-05	2.0262E-03	610301.43	4205945.03	9088.76977	0.00057	0.17745	2.1132E-05	5.8927E-04
610308.43	4205945.03	9436.67686	0.00208	0.17602	2.0962E-05	2.1028E-03	610308.43	4205945.03	9436.67686	0.00059	0.17602	2.0962E-05	6.1085E-04
610315.43	4205945.03	9801.73588	0.00216	0.17454	2.0786E-05	2.1832E-03	610315.43	4205945.03	9801.73588	0.00061	0.17454	2.0786E-05	6.3349E-04
610322.43	4205945.03	10185.05274	0.00225	0.17302	2.0605E-05	2.2676E-03	610322.43	4205945.03	10185.05274	0.00064	0.17302	2.0605E-05	6.5727E-04
610329.43	4205945.03	10587.61353	0.00234	0.17147	2.0424E-05	2.3562E-03	610329.43	4205945.03	10587.61353	0.00066	0.17147	2.0424E-05	6.8225E-04
610336.43	4205945.03	11010.55909	0.00243	0.16987	2.0229E-05	2.4493E-03	610336.43	4205945.03	11010.55909	0.00069	0.16987	2.0229E-05	7.0850E-04
610343.43	4205945.03	11455.54108	0.00253	0.16824	2.0035E-05	2.5473E-03	610343.43	4205945.03	11455.54108	0.00072	0.16824	2.0035E-05	7.3612E-04
610350.43	4205945.03	11928.7258	0.00263	0.16664	1.9845E-05	2.6515E-03	610350.43	4205945.03	11928.7258	0.00075	0.16664	1.9845E-05	7.6551E-04
610357.43	4205945.03	12425.99137	0.00274	0.16499	1.9648E-05	2.7610E-03	610357.43	4205945.03	12425.99137	0.00078	0.16499	1.9648E-05	7.9640E-04
610364.43	4205945.03	12949.85395	0.00286	0.16330	1.9447E-05	2.8764E-03	610364.43	4205945.03	12949.85395	0.00081	0.16330	1.9447E-05	8.2895E-04
610371.43	4205945.03	13500.80626	0.00298	0.16157	1.9241E-05	2.9977E-03	610371.43	4205945.03	13500.80626	0.00084	0.16157	1.9241E-05	8.6318E-04
610378.43	4205945.03	14081.62005	0.00311	0.15981	1.9031E-05	3.1256E-03	610378.43	4205945.03	14081.62005	0.00088	0.15981	1.9031E-05	8.9928E-04
610385.43	4205945.03	14692.7046	0.00324	0.15800	1.8816E-05	3.2602E-03	610385.43	4205945.03	14692.7046	0.00092	0.15800	1.8816E-05	9.3726E-04
610392.43	4205945.03	15336.49945	0.00338	0.15615	1.8595E-05	3.4020E-03	610392.43	4205945.03	15336.49945	0.00096	0.15615	1.8595E-05	9.7728E-04
610399.43	4205945.03	16015.89078	0.00353	0.15427	1.8372E-05	3.5519E-03	610399.43	4205945.03	16015.89078	0.00100	0.15427	1.8372E-05	1.0195E-03
610406.43	4205945.03	16731.19143	0.00369	0.15235	1.8143E-05	3.7093E-03	610406.43	4205945.03	16731.19143	0.00105	0.15235	1.8143E-05	1.0640E-03
610413.43	4205945.03	17486.34581	0.00386	0.15040	1.7911E-05	3.8756E-03	610413.43	4205945.03	17486.34581	0.00109	0.15040	1.7911E-05	1.1110E-03
610420.43	4205945.03	18279.88786	0.00403	0.14838	1.7670E-05	4.0509E-03	610420.43	4205945.03	18279.88786	0.00114	0.14838	1.7670E-05	1.1603E-03
610427.43	4205945.03	19116.00368	0.00422	0.14632	1.7425E-05	4.2347E-03	610427.43	4205945.03	19116.00368	0.00119	0.14632	1.7425E-05	1.2124E-03
610434.43	4205945.03	19999.01771	0.00441	0.14423	1.7176E-05	4.4292E-03	610434.43	4205945.03	19999.01771	0.00125	0.14423	1.7176E-05	1.2679E-03
610441.43	4205945.03	20929.64571	0.00462	0.14208	1.6923E-05	4.6348E-03	610441.43	4205945.03	20929.64571	0.00131	0.14208	1.6923E-05	1.3252E-03
610448.43	4205945.03	21911.71462	0.00483	0.13990	1.6660E-05	4.8507E-03	610448.43	4205945.03	21911.71462	0.00137	0.13990	1.6660E-05	1.3864E-03
610455.43	4205945.03	22949.19358	0.00506	0.13768	1.6396E-05	5.0798E-03	610455.43	4205945.03	22949.19358	0.00144	0.13768	1.6396E-05	1.4518E-03
610462.43	4205945.03	24042.97308	0.00530	0.13542	1.6127E-05	5.3203E-03	610462.43	4205945.03	24042.97308	0.00150	0.13542	1.6127E-05	1.5191E-03
610469.43	4205945.03	25197.1994	0.00556	0.13313	1.5854E-05	5.5747E-03	610469.43	4205945.03	25197.1994	0.00158	0.13313	1.5854E-05	1.5909E-03
610476.43	4205945.03	26416.36943	0.00583	0.13082	1.5579E-05	5.8434E-03	610476.43	4205945.03	26416.36943	0.00165	0.13082	1.5579E-05	1.6669E-03
610483.43	4205945.03	27700.94582	0.00611	0.12847	1.5295E-05	6.1265E-03	610483.43	4205945.03	27700.94582	0.00173	0.12847	1.5295E-05	1.7469E-03
610490.43	4205945.03	29056.77439	0.00641	0.12610	1.5013E-05	6.4253E-03	610490.43	4205945.03	29056.77439	0.00182	0.12610	1.5013E-05	1.8314E-03
610504.43	4205945.03	31997.17415	0.00706	0.12133	1.4492E-05	7.0735E-03	610504.43	4205945.03	31997.17415	0.00200	0.12133	1.4492E-05	2.0146E-03
610511.43	4205945.03	33583.39225	0.00741	0.11891	1.4161E-05	7.4231E-03	610511.43	4205945.03	33583.39225	0.00210	0.11891	1.4161E-05	2.1135E-03
610518.43	4205945.03	35246.56243	0.00778	0.11647	1.3870E-05	7.7897E-03	610518.43	4205945.03	35246.56243	0.00220	0.11647	1.3870E-05	2.2171E-03
610525.43	4205945.03	36990.03257	0.00816	0.11403	1.3579E-05	8.1741E-03	610525.43	4205945.03	36990.03257	0.00231	0.11403	1.3579E-05	2.3258E-03
610532.43	4205945.03	38810.1879	0.00856	0.11157	1.3289E-05	8.5753E-03	610532.43	4205945.03	38810.1879	0.00243	0.11157	1.3289E-05	2.4393E-03
610539.43	4205945.03	40701.63411	0.00898	0.10911	1.2993E-05	8.9923E-03	610539.43	4205945.03	40701.63411	0.00254	0.10911	1.2993E-05	2.5573E-03
610546.43	4205945.03	42660.91376	0.00941	0.10664	1.2698E-05	9.4243E-03	610546.43	4205945.03	42660.91376	0.00267	0.10664	1.2698E-05	2.6794E-03
610553.43	4205945.03	44674.1852	0.00986	0.10417	1.2405E-05	9.8681E-03	610553.43	4205945.03	44674.1852	0.00279	0.10417	1.2405E-05	2.8050E-03
610560.43	4205945.03	46730.37889	0.01031	0.10170	1.2111E-05	1.0321E-02	610560.43	4205945.03	46730.37889	0.00292	0.10170	1.2111E-05	2.9332E-03
610567.43	4205945.03	48806.28086	0.01077	0.09924	1.1818E-05	1.0779E-02	610567.43	4205945.03	48806.28086	0.00305	0.09924	1.1818E-05	3.0627E-03
610574.43	4205945.03	50879.46503	0.01122	0.09679	1.1526E-05	1.1236E-02	610574.43	4205945.03	50879.46503	0.00318	0.09679	1.1526E-05	3.1920E-03
610581.43	4205945.03	52916.80416	0.01167	0.09436	1.1237E-05	1.1685E-02	610581.43	4205945.03	52916.80416	0.00331	0.09436	1.1237E-05	3.3191E-03
610588.43	4205945.03	54879.31951	0.01211	0.09194	1.0949E-05	1.2118E-02	610588.43	4205945.03	54879.31951	0.00343	0.09194	1.0949E-05	3.4415E-03
610595.43	4205945.03	56727.1652	0.01251	0.08955	1.0664E-05	1.2525E-02	610595.43	4205945.03	56727.1652	0.00355	0.08955	1.0664E-05	3.5567E-03
610602.43	4205945.03	58411.7062	0.01289	0.08717	1.0381E-05	1.2897E-02	610602.43	4205945.03	58411.7062	0.00365	0.08717	1.0381E-05	3.6617E-03
610609.43	4205945.03	59887.67965	0.01321	0.08482	1.0101E-05	1.3222E-02	610609.43	4205945.03	59887.67965	0.00374	0.08482	1.0101E-05	3.7537E-03
610616.43	4205945.03	61105.42136	0.01348	0.08249	9.8237E-06	1.3491E-02	610616.43	4205945.03	61105.42136	0.00382	0.08249	9.8237E-06	3.8295E-03
610623.43	4205945.03	62022.99478	0.01368	0.08020	9.5510E-06	1.3693E-02	610623.43	4205945.03	62022.99478	0.00388	0.08020	9.5510E-06	3.8866E-03
610630.43	4205945.03	62597.77213	0.01381	0.07793	9.2806E-06	1.3819E-02	610630.43	4205945.03	62597.77213	0.00391	0.07793	9.2806E-06	3.9223E-03
610637.43	4205945.03	62788.25963	0.01385	0.07570	9.0151E-06	1.3861E-02	610637.43	4205945.03	62788.25963	0.00392	0.07570	9.0151E-06	3.9339E-03
610644.43	4205945.03	62582.06575	0.01381	0.07351	8.7541E-06	1.3815E-02	610644.43	4205945.03	62582.06575	0.00391	0.07351	8.7541E-06	3.9208E-03
610651.43	4205945.03	61975.14629	0.01367	0.07135	8.4970E-06	1.3681E-02	610651.43	4205945.03	61975.14629	0.00387	0.07135	8.4970E-06	3.8826E-03
610658.43	4205945.03	60976.68397	0.01345	0.06924	8.2458E-06	1.

610448.43	4205952.03	22154.34091	0.00489	0.14464	1.7225E-05	4.9048E-03	610448.43	4205952.03	22154.34091	0.00138	0.14464	1.7225E-05	1.4021E-03		
610455.43	4205952.03	23229.53301	0.00512	0.14235	1.6952E-05	5.1417E-03	610455.43	4205952.03	23229.53301	0.00145	0.14235	1.6952E-05	1.4690E-03		
610462.43	4205952.03	24367.39967	0.00538	0.14002	1.6675E-05	5.3925E-03	610462.43	4205952.03	24367.39967	0.00152	0.14002	1.6675E-05	1.5359E-03		
610469.43	4205952.03	25570.14976	0.00564	0.13764	1.6391E-05	5.6575E-03	610469.43	4205952.03	25570.14976	0.00160	0.13764	1.6391E-05	1.6148E-03		
610476.43	4205952.03	26844.67927	0.00592	0.13524	1.6105E-05	5.9384E-03	610476.43	4205952.03	26844.67927	0.00168	0.13524	1.6105E-05	1.6942E-03		
610483.43	4205952.03	28193.73897	0.00622	0.13281	1.5816E-05	6.2357E-03	610483.43	4205952.03	28193.73897	0.00176	0.13281	1.5816E-05	1.7782E-03		
610490.43	4205952.03	29621.61347	0.00653	0.13035	1.5523E-05	6.5505E-03	610490.43	4205952.03	29621.61347	0.00185	0.13035	1.5523E-05	1.8672E-03		
610504.43	4205952.03	32742.21181	0.00722	0.12540	1.4933E-05	7.2383E-03	610504.43	4205952.03	32742.21181	0.00205	0.12540	1.4933E-05	2.0617E-03		
610511.43	4205952.03	34438.54412	0.00760	0.12289	1.4635E-05	7.6122E-03	610511.43	4205952.03	34438.54412	0.00215	0.12289	1.4635E-05	2.1674E-03		
610518.43	4205952.03	36229.2958	0.00799	0.12036	1.4333E-05	8.0070E-03	610518.43	4205952.03	36229.2958	0.00226	0.12036	1.4333E-05	2.2790E-03		
610525.43	4205952.03	38115.04655	0.00841	0.11782	1.4031E-05	8.4227E-03	610525.43	4205952.03	38115.04655	0.00238	0.11782	1.4031E-05	2.3968E-03		
610532.43	4205952.03	40100.13736	0.00885	0.11527	1.3727E-05	8.8604E-03	610532.43	4205952.03	40100.13736	0.00251	0.11527	1.3727E-05	2.5204E-03		
610539.43	4205952.03	42179.67728	0.00931	0.11278	1.3421E-05	9.3188E-03	610539.43	4205952.03	42179.67728	0.00264	0.11270	1.3421E-05	2.6501E-03		
610546.43	4205952.03	44353.34645	0.00978	0.11013	1.3115E-05	9.7981E-03	610546.43	4205952.03	44353.34645	0.00277	0.11013	1.3115E-05	2.7857E-03		
610553.43	4205952.03	46609.6109	0.01028	0.10756	1.2809E-05	1.0296E-02	610553.43	4205952.03	46609.6109	0.00291	0.10756	1.2809E-05	2.9264E-03		
610560.43	4205952.03	48939.36725	0.01080	0.10499	1.2503E-05	1.0809E-02	610560.43	4205952.03	48939.36725	0.00306	0.10499	1.2503E-05	3.0717E-03		
610567.43	4205952.03	51321.60449	0.01132	0.10243	1.2198E-05	1.1334E-02	610567.43	4205952.03	51321.60449	0.00321	0.10243	1.2198E-05	3.2203E-03		
610574.43	4205952.03	53728.80241	0.01185	0.09988	1.1894E-05	1.1865E-02	610574.43	4205952.03	53728.80241	0.00336	0.09988	1.1894E-05	3.3705E-03		
610581.43	4205952.03	56129.40597	0.01238	0.09734	1.1592E-05	1.2395E-02	610581.43	4205952.03	56129.40597	0.00351	0.09734	1.1592E-05	3.5203E-03		
610588.43	4205952.03	58477.31733	0.01290	0.09482	1.1291E-05	1.2912E-02	610588.43	4205952.03	58477.31733	0.00366	0.09482	1.1291E-05	3.6667E-03		
610595.43	4205952.03	60724.77162	0.01340	0.09232	1.0994E-05	1.3408E-02	610595.43	4205952.03	60724.77162	0.00380	0.09232	1.0994E-05	3.8069E-03		
610602.43	4205952.03	62811.35834	0.01386	0.08984	1.0695E-05	1.3868E-02	610602.43	4205952.03	62811.35834	0.00393	0.08984	1.0695E-05	3.9370E-03		
610609.43	4205952.03	64679.02151	0.01427	0.08739	1.0403E-05	1.4270E-02	610609.43	4205952.03	64679.02151	0.00404	0.08739	1.0403E-05	4.0535E-03		
610616.43	4205952.03	66263.63864	0.01462	0.08497	1.0115E-05	1.4628E-02	610616.43	4205952.03	66263.63864	0.00414	0.08497	1.0115E-05	4.1523E-03		
610623.43	4205952.03	67509.4028	0.01489	0.08258	9.8344E-06	1.4903E-02	610623.43	4205952.03	67509.4028	0.00422	0.08258	9.8344E-06	4.2298E-03		
610630.43	4205952.03	68360.1964	0.01508	0.08022	9.5534E-06	1.5091E-02	610630.43	4205952.03	68360.1964	0.00427	0.08022	9.5534E-06	4.2828E-03		
610637.43	4205952.03	68760.10228	0.01517	0.07789	9.2759E-06	1.5179E-02	610637.43	4205952.03	68760.10228	0.00430	0.07789	9.2759E-06	4.3075E-03		
610644.43	4205952.03	68688.14645	0.01515	0.07560	9.0032E-06	1.5161E-02	610644.43	4205952.03	68688.14645	0.00429	0.07560	9.0032E-06	4.3027E-03		
610651.43	4205952.03	68135.76617	0.01503	0.07335	8.7352E-06	1.5040E-02	610651.43	4205952.03	68135.76617	0.00426	0.07335	8.7352E-06	4.2676E-03		
610658.43	4205952.03	67112.82857	0.01481	0.07115	8.4732E-06	1.4814E-02	610658.43	4205952.03	67112.82857	0.00420	0.07115	8.4732E-06	4.2037E-03		
610686.43	4205952.03	59103.25456	0.01304	0.06286	7.4860E-06	1.3046E-02	610686.43	4205952.03	59103.25456	0.00369	0.06286	7.4860E-06	3.7020E-03		
610693.43	4205952.03	56376.88719	0.01244	0.06092	7.2549E-06	1.2445E-02	610693.43	4205952.03	56376.88719	0.00352	0.06092	7.2549E-06	3.5314E-03		
610700.43	4205952.03	53458.28125	0.01179	0.05904	7.0310E-06	1.1801E-02	610700.43	4205952.03	53458.28125	0.00334	0.05904	7.0310E-06	3.3487E-03		
610707.43	4205952.03	50383.27223	0.01112	0.05722	6.8143E-06	1.1122E-02	610707.43	4205952.03	50383.27223	0.00315	0.05722	6.8143E-06	3.1565E-03		
610714.43	4205952.03	47186.08905	0.01041	0.05546	6.6047E-06	1.0417E-02	610714.43	4205952.03	47186.08905	0.00295	0.05546	6.6047E-06	2.9562E-03		
610721.43	4205952.03	43892.5831	0.00968	0.05376	6.4022E-06	9.6897E-03	610721.43	4205952.03	43892.5831	0.00274	0.05376	6.4022E-06	2.7501E-03		
610728.43	4205952.03	40555.07103	0.00895	0.05213	6.208E-06	8.9532E-03	610728.43	4205952.03	40555.07103	0.00254	0.05213	6.208E-06	2.5413E-03		
610735.43	4205952.03	37219.73414	0.00821	0.05056	6.0212E-06	8.2172E-03	610735.43	4205952.03	37219.73414	0.00233	0.05056	6.0212E-06	2.3326E-03		
610742.43	4205952.03	33936.9615	0.00749	0.04905	5.8413E-06	7.4928E-03	610742.43	4205952.03	33936.9615	0.00212	0.04905	5.8413E-06	2.1272E-03		
610749.43	4205952.03	30758.17626	0.00679	0.04761	5.6698E-06	6.7913E-03	610749.43	4205952.03	30758.17626	0.00192	0.04761	5.6698E-06	1.9284E-03		
610756.43	4205952.03	27731.88917	0.00612	0.04623	5.5055E-06	6.1235E-03	610756.43	4205952.03	27731.88917	0.00173	0.04623	5.5055E-06	1.7390E-03		
610763.43	4205952.03	24901.39821	0.00549	0.04491	5.3483E-06	5.4989E-03	610763.43	4205952.03	24901.39821	0.00156	0.04491	5.3483E-06	1.5619E-03		
610770.43	4205952.03	22299.61939	0.00492	0.04365	5.1982E-06	4.9248E-03	610770.43	4205952.03	22299.61939	0.00139	0.04365	5.1982E-06	1.3992E-03		
610777.43	4205952.03	19947.63655	0.00440	0.04244	5.0541E-06	4.4058E-03	610777.43	4205952.03	19947.63655	0.00125	0.04244	5.0541E-06	1.2520E-03		
610784.43	4205952.03	17854.09829	0.00394	0.04129	4.9172E-06	3.9438E-03	610784.43	4205952.03	17854.09829	0.00112	0.04129	4.9172E-06	1.1210E-03		
610791.43	4205952.03	16014.73678	0.00353	0.04020	4.7874E-06	3.5378E-03	610791.43	4205952.03	16014.73678	0.00100	0.04020	4.7874E-06	1.0059E-03		
610798.43	4205952.03	14413.34346	0.00318	0.03916	4.6635E-06	3.1844E-03	610798.43	4205952.03	14413.34346	0.00090	0.03916	4.6635E-06	9.0564E-04		
610805.43	4205952.03	13028.56598	0.00287	0.03816	4.5444E-06	2.8788E-03	610805.43	4205952.03	13028.56598	0.00081	0.03816	4.5444E-06	8.1896E-04		
610812.43	4205952.03	11836.25232	0.00261	0.03722	4.4325E-06	2.6157E-03	610812.43	4205952.03	11836.25232	0.00074	0.03722	4.4325E-06	7.4432E-04		
610819.43	4205952.03	10810.45912	0.00238	0.03632	4.3253E-06	2.3891E-03	610819.43	4205952.03	10810.45912	0.00068	0.03632	4.3253E-06	6.8009E-04		
610826.43	4205952.03	9927.786	0.00219	0.03546	4.2229E-06	2.1944E-03	610826.43	4205952.03	9927.786	0.00062	0.03546	4.2229E-06	6.2481E-04		
610833.43	4205952.03	9165.92416	0.00202	0.03464	4.1252E-06	2.0261E-03	610833.43	4205952.03	9165.92416	0.00057	0.03464	4.1252E-06	5.7709E-04		
610840.43	4205952.03	8505.96279	0.00188	0.03386	4.0323E-06	1.8806E-03	610840.43	4205952.03	8505.96279	0.00053	0.03386	4.0323E-06	5.3574E-04		
610847.43	4205952.03	7931.59861	0.00175	0.03311	3.9437E-06	1.7538E-03	610847.43	4205952.03	7931.59861	0.00050	0.03311	3.9437E-06	4.9975E-04		
610854.43	4205952.03	7429.23628	0.00164	0.03240	3.8585E-06	1.6428E-03	610854.43	4205952.03	7429.23628	0.00046	0.03240	3.8585E-06	4.6826E-04		
610861.43	4205952.03	6987.6563	0.00154	0.03171	3.7763E-06	1.5453E-03	610861.43	4205952.03	6987.6563	0.00044	0.03171	3.7763E-06	4.4058E-04		
610868.43	4205952.03	6597.30967	0.00146	0.03106	3.6989E-06	1.4592E-03	610868.43	4205952.03	6597.30967	0.00041	0.03106	3.6989E-06	4.1610E-04		
610875.43	4205952.03	6250.50662	0.00138	0.03043	3.6239E-06	1.3826E-03	610875.43	4205952.03	6250.50662	0.00039	0.03043	3.6239E-06	3.9434E-04		
610910.43	4205952.03	4977.94993	0.00110	0.02765	3.2928E-06	1.1015E-03	610910.43	4205952.03	4977.94993	0.00031	0.02765	3.2928E-06	3.1447E-04		
610917.43	4205952.03	4788.60304	0.00106	0.02715	3.2333E-06	1.0597E-03	610917.43	4205952.03	4788.60304	0.00030	0.02715	3.2333E-06	3.0257E-04		
610924.43	4205952.03	4614.62346	0.00102	0.02667	3.1763E-06	1.0212E-03	610924.43	4205952.03	4614.62346	0.00029	0.02667	3.1763E-06	2.9164E-04		
610931.43	4205952.03	4454.0356	0.00098	0.02621	3.1219E-06	9.8574E-04	610931.43	4205952.03	4454.0356	0.00028	0.02621	3.1219E-06	2.8154E-04		
610938.43	4205952.03	4305.30057	0.00095	0.02576	3.0679E-06	9.5288E-04	610938.43	4205952.03	4305.30057	0.00027	0.02576	3.0679E-06	2.7210E-04		
610945.43	4205952.03	4166.97898	0.00092	0.02532	3.0153E-06	9.2231E-04	610945.43	4205952.03	4166.97898	0.00026	0.02532	3.0153E-06	2.6349E-04		
610952.43	4205952.03	4037.87647	0.00089	0.02490	2.9653E-06	8.9378E-04	610952.43	4205952.03	4037.87647	0.00025	0.02490	2.9653E-06	2.5537E-04		
610959.43	4205952.03	3916.9208	0.00086	0.02449	2.9162E-06	8.6704E-04	610959.43	4205952.03	3916.9208	0.00024	0.02449	2.9162E-06	2.4776E-04		
610966.43	4205952.03	3803.28884	0.00084	0.02409	2.8688E-06	8.4193E-04	610966.43	4205952.03	3803.28884	0.00024	0.02409	2.8688E-06	2.4061E-04		
610973.43	4205952.03	3696.20864	0.00082	0.02370	2.8224E-06	8.1826E-04	610973.43	4205952.03	3696.20864	0.00023	0.02370	2.8224E-06	2.3387E-04		
611001.43	4205952.03	3321.38688	0.00073	0.02226	2.6509E-06	7.3539E-04	611001.43	4205952.03	3321.38688	0.00021	0.02226	2.6509E-06	2.1027E-04		
611008.43	4205952.03	3238.74293	0.00071	0.02192	2.6104E-06	7.1712E-04	611008.43	4205952.03	3238.74293	0.00020	0.02192	2.6104E-06	2.0506E-04		
611015.43	4205952.03	3159.7899	0.00070	0.02159	2.5711E-06	6.9966E-04	611015.43	4205952.03	3159.7899	0.00020	0.02159	2.5711E-06	2.0009E-04		
611022.43	4205952.03	3084.27002	0.00068	0.02127	2.5330E-06	6.8297E-04	611022.43	4205952.03	3084.27002	0.00019	0.02127	2.5330E-06	1.9533E-04		
611029.43	4205952.03	3011.88483	0.00066	0.02096	2.4963E-06	6.6696E-04	611029.43	4205952.03	3011.88483	0.00019	0.02096	2.4963E-06	1.9077E-04		
611036.43	4205952.03	2942.42865	0.00065	0.02065	2.4592E-06	6.5160E-04	611036.43	4205952.03	2942.42865	0.00018	0.02065	2.4592E-06	1.8639E-04		
611043.43	4205952.03	2875.70652	0.00063	0.02036	2.4246E-06	6.3684E-04	611043.43	4205952.03	2875.70652	0.00018	0.02036	2.4246E-06	1.8219E-04		
611050.43	4205952.03	2811.49449	0.00062	0.02007	2.3902E-06	6.2264E-04	611050.43	4205952.03	2811.49449	0.00017	0.02007	2.3902E-06	1.7814E-04		
611057.43	4205952.03	2749.67236	0.00061	0.01978	2.3556E-06	6.0897E-04	611057.43	4205952.03	2749.67236	0.00017	0.01978	2.3556E-06	1.7424E-04		
611064.43	4205952.03	2690.0662	0.00059	0.01950	2.3222E-06	5.9579E-04	611064.43	4205952.03	2690.0662	0.00017	0.01950	2.3222E-06	1.7048E-04		
611092.43	4205952.03	2471.59922	0.00055	0.01846	2.1984E-06	5.4747E-04	611092.43	4205952.03	2471.59922	0.00015	0.01846	2.1984E-06	1.5670E-04		
611099.43	4205952.03	2426.78482	0.00054	0.01846	2.1984E-06	5.3748E-04	611099.43	4205952.03	2426.78482	0.00015	0.01846	2.1984E-06	1.5670E-04		
611106.43	4205952.03	2381.97637	0.00053	0.01812	2.1582E-06	5.2749E-04	611106.43	4205952.03	2381.97637	0.00015	0.01812	2.1582E-06	1.5378E-04		
611113.43	4205952.03	2337.16793	0.00052	0.01778	2.1180E-06	5.1750E-04	611113.43	4205952.03	2337.16793	0.00014	0.01778	2.1180E-06	1.5087E-04		
611120.43	4205952.03	2292.35948	0.00051	0.01744	2.0778E-06	5.0751E-04	611120.43	4205952.03	2292.35948	0.00014	0.01744	2.0778E-06	1.4795E-04		
611127.43	4205952.03	2247.54903	0.00050	0.01710	2.0376E-06	4.9752E-04	611127.43	4205952.03	2247.54903	0.00014	0.01710	2.0376E-06	1.4504E-04		
611134.43	4205952.03	2202.74258	0.00049	0.01676	1.9974E-06	4.8753E-04	611134.43	4205952.03	2202.74258	0.00013	0.01676	1.9974E-06	1.4212E-04		
611141.43	4205952.03	2157.93613	0.00048	0.01642	1.9572E-06	4.7754E-04	611141.43	4205952.03	2157.93613	0.00013	0.01642	1.9572E-06	1.3921E-04		
611148.43	4205952.03	2113.12969	0.00047	0.01608	1.9170E-06	4.6755E-04	611148.43	4205952.03	2113.12969	0.00012	0.01608	1.9170E-06	1.3629E-04		
611155.43	4205952.03	2068.32324	0.00046	0.01574	1.8768E-06	4.5756E-04	611155.43	4205952.03	2068.32324	0.00012	0.01574	1.8768E-06	1.3337E-04		
611162.43	4205952.03	2023.51679	0.00045	0.01540	1.8366E-06	4.4757E-04	611162.43	4205952.03	2023.51679	0.00011	0.01540	1.8366E-06	1.3046E-04		
611169.43	4205952.03	1978.71034	0.00044	0.01506	1.7964E-06	4.3758E-04	611169.43	4205952.03	1978.71034	0.00011	0.01506	1.7964E-06	1.2754E-04		
611176.43	4205952.03	1933.90389	0.00043	0.01472	1.7562E-06	4.2759E-04	611176.43	4205952.03	1933.90389	0.00010	0.01472	1.7562E-06	1.2463E-04		
611183.43	4205952.03	1889.09744	0.00042	0.01438	1.7160E-06	4.1760E-04	611183.43	4205952.03	1889.09744	0.00010	0.01438	1.7160E-06	1.2171E-04		
611190.43	4205952.03	1844.29099	0.00041	0.01404	1.6758E-06	4.0761E-04	611190.43	4205952.03	1844.29099	0.00009	0.01404	1.6758E-06	1.1880E-04		
611197.43	4205952.03	1799.48454	0.00040	0.01370	1.6356E-06	3.9762E-04	611197.43	4205952.03	1799.48454	0.00009	0.01370	1.6356E-06	1.1588E-04		
611204.43	4205952.03	1754.67809	0.00039	0.01336	1.5954E-06	3.8763E-04	611204.43	4205952.03	1754.67809	0.00009	0.01336	1.5954E-06	1.1297E-04		
611211.43	4205952.03	1709.87164	0.00038	0.01302	1.5552E-06	3.7764E-04	611211.43	4205952.03	1709.87164	0.00008	0.01302	1.5552E-06	1.1005E-04		
611218.43	4205952.03	1665.06519	0.00037	0.01268	1.5150E-06	3.6765E-04	611218.43	4205952.03	1665.06519	0.00008	0.01268	1.5150E-06	1.0714E-04		
611225.43	4205952.03	1620.25874	0.00036	0.01234	1.4748E-06	3.5766E-04	611225.43	4205952.03	1620.25874	0.00008	0.01234	1.4748E-06	1.0422E-04		
611232.43	4205952.03	1575.45229	0.00035	0.01200	1.4346E-06	3.4767E-04	611232.43	4205952.03	1575.45229	0.00007	0.01200	1.4346E-06	1.0131E-04		
611239.43	4205952.03	1530.64584	0.00034	0.01166	1.3944E-06	3.3768E-04	611239.43	4205952.03	1530.64584	0.00007	0.01166	1.3944E-06	9.8392E-05		
611246.43	4205952.03	1485.83939	0.00033	0.01132	1.3542E-06	3.2768E-04	611246.43	4205952.03	1485.83939	0.00007	0.01132	1.3542E-06	9.5481E-05		
611253.43	4205952.03	1441.03294	0.00032	0.01098	1.3140E-06	3.1769E-04	611253.43	4205952.03	1441.03294	0.00006	0.01098	1.3140E-06	9.2570E-05		
611260.43	4205952.03	1396.22649	0.00031	0.01064	1.2738E-06	3.0770E-04	611260.43	4205952.03	1396.22649	0.00006	0.01064	1.2738E-06	8.9659E-05		
611267.43	4205952.03	1351.42004	0.00030	0.01030	1.2336E-06	2.9771E-04	611267.43	4205952.03	1351.42004	0.00006	0.01030	1.2336E-06	8.6748E-05		
611274.43	4205952.03	1306.61359	0.00029	0.00996	1.1934E-06	2.8772E-04	611274.43	4205952.03	1306.61359	0.00005	0.00996	1.1934E-06	8.3837E-05		
611281.43	4205952.03	1261.80714	0.00028	0.00962	1.1532E-06	2.7773E-04	611281.43	4205952.03	1261.80714	0.00005	0.00962	1.1532E-06	8.0926E-05		
611288.43	4205952.03	1217.00069	0.00027	0.00928	1.1130E-06	2.6774E-04	611288.43	4205952.03	1217.00069	0.00005	0.00928	1.1130E-06	7.8015E-05		
611295.43	4205952.03	1172.19424	0.00026	0.00894	1.0728E-06	2.5775E-04	611295.43	4205952.03	1172.19424	0.00004	0.00894	1.0728E-06	7.5104E-05		
611302.43	4205952.03	1127.38779	0.00025	0.00860	1.0326E-06	2.4776E-04	611302.43	4205952.03	1127.38779	0.00004	0.00860	1.0326E-06	7.2193E-05		
611309.43	4205952.03	1082.58134	0.00024	0.00826	9.9239E-07	2.3777E-04	611309.43	4205952.03	1082.58134	0.00004	0.00826	9.9239E-07	6.9282E-05		
611316.43	4205952.03	1037.77487	0.00023	0.00792	9.5215E-07	2.2778E-04	611316.43	4205952.03	1037.77487	0.00004	0.00792	9.5215E-07	6.6371E-05		
611323.43	4205952.03	992.96792	0.00022	0.00758	9.1191E-07	2.1779E-04	611323.43	4205952.03	992.96792	0.00003	0.00758	9.1191E-07	6.3460E-05		
611330.43	4205952.03	948.16147	0.00021	0.00724	8.7167E-07	2.0780E-04	611330.43	4205952.03	948.16147	0.00003	0.00724	8.7167E-07	6.0549E-05		
611337.43	4205952.03	903.35503	0.00020	0.00690	8.3143E-07	1.9781E-04	611337.43	4205952.03	903.35503	0.00003	0.00690	8.3143E-07	5.7638E-05		
611344.43	4205952.03	858.54859	0.00019	0.00656	7.9119E-07	1.8782E-04	611344.43	4205952.03	858.54859	0.00003	0.00656	7.9119E-07	5.4727E-05		
611351.43	4205952.03	813.74215	0.00018	0.00622	7.5096E-07	1.7783E-04	611351.43	4205952.03	813.74215	0.00003	0.00622	7.5096E-07	5.1816E-05		
611358.43	4205952.03	768.93571	0.00017	0.00588	7.1072E-07	1.6784E-04	611358.43	4205952.03	768.93571	0.00002	0.00588	7.1072E-07	4.8905E-05		
611365.43	4205952.03	724.12926	0.00016	0.00554	6.7048E-07	1.5785E-04	611365.43	4205952.03	724.12926	0.00002	0.00554	6.7048E-07	4.5994E-05		
611372.43	4205952.03	679.32281	0.00015	0.00520	6.3025E-07	1.4786E-04	611372.43	4205952.03	679.32281	0.00002	0.00520	6.3025E-07	4.3083E-05		
611379.43	4205952.03	634.51636	0.00014	0.00486	5.9001E-07	1.3787E-04	611379.43	4205952.03	634.51636	0.00002	0.00486	5.9001E-07	4.0172E-05		
611386.43	4205952.03	589.70991	0.00013	0.00452	5.4977E-07	1.2788E-04	611386.43	4205952.03	589.70991	0.00002	0.00452	5.4977E-07	3.7261E-05		
611393.43	4205952.03	544.90346	0.00012	0.00418	5.0953E-07	1.1789E-04	611393.43	4205952.03	544.90346	0.00001	0.00418	5.0953E-07	3.4350E-05		
611400.43	4205952.03	500.09701	0.00011	0.00384	4.6929E-07	1.0790E-04	611400.43	4205952.03	500.09701	0.00001	0.00384	4.6929E-07	3.1439E-05		
611407.43	4205952.03	455.29056	0.00010	0.00350	4.2905E-07	9.7910E-05	611407.43	4205952.03	455.29056	0.00001	0.00350	4.2905E-07	2.8528E-05		
611414.43	4205952.03	410.48411	0.00009	0.00316	3.8881E-07	8.7921E-05	611414.43	4205952.03	410.48411	0.00001	0.00316	3.8881E-07	2.5617E-05		
611421.43	4205952.03	365.67766	0.00008	0.00282	3.4857E-07	7.7932E-05	611421.43	4205952.03	365.67766	0.00001	0.00282	3.4857E-07	2.2706E-05		
611428.43	4205952.03	320.87121	0.00007	0.00248	3.0833E-07	6.7933E-05	611428.43	4205952.03	320.87121	0.00001	0.00248	3.0833E-07	1.9795E-05		
611435.43	4205952.03	276.06476	0.00006	0.00214	2.6809E-07	5.7934E-05	611435.43	4205952.03	276.06476	0.00000	0.00214	2.6809E-07	1.7884E-05		
611442.43	4205952.03	231.25831	0.00005	0.00180	2.2785E-07	4.7935E-05	611442.43	4205952.03	231.25831	0.00000	0.00180	2.2785E-07	1.4973E-05		
611449.43	4205952.03	186.45186	0.00004	0.00146	1.8761E-07	3.7936E-05	611449.43	4205952.03	186.45186	0.00000	0.00146	1.8761E-07	1.2062E-05		
611456.43	4205952.03	141.64541	0.00003	0.00112	1.4738E-07	2.8937E-05	611456.43	4205952.03	141.64541	0.00000	0.00112	1.4738E-07	9.1510E-06		
611463.43	4205952.03	96.83896	0.00002	0.00078	1.0714E-07	1.9938E-05	611463.43	4205952.03	96.83896	0.00000	0.00078	1.0714E-07	6.2598E-06		
611470.43	4205952.03	52.03251	0.00001	0.00044	6.6906E-08	1.0939E-05	611470.43	4205952.03	52.03251	0.00000	0.00044	6.6906E-08	3.3686E-06		
611477.43	4205952.03	7.22606	0.00000	0.00010	2.6667E-08	1.5139E-06	611477.43	4205952.03	7.22606	0.00000	0.00010	2.6667E-08	4.6734E-07		

610490.43	4205966.03	30651.04193	0.00676	0.13956	1.662026E-05	6.7787E-03	610490.43	4205966.03	30651.04193	0.00192	0.13956	1.662026E-05	1.932E-03	
610504.43	4205966.03	34125.36512	0.00753	0.13422	1.598438E-05	7.54455E-03	610504.43	4205966.03	34125.36512	0.00213	0.13422	1.598438E-05	2.149E-03	
610511.43	4205966.03	36038.5743	0.00795	0.13151	1.566156E-05	7.96616E-03	610511.43	4205966.03	36038.5743	0.00225	0.13151	1.566156E-05	2.268E-03	
610518.43	4205966.03	38082.93625	0.00840	0.12878	1.533646E-05	8.41706E-03	610518.43	4205966.03	38082.93625	0.00238	0.12878	1.533646E-05	2.395E-03	
610525.43	4205966.03	40262.67677	0.00888	0.12603	1.500890E-05	8.89755E-03	610525.43	4205966.03	40262.67677	0.00252	0.12603	1.500890E-05	2.531E-03	
610532.43	4205966.03	42589.79137	0.00940	0.12326	1.467908E-05	9.41066E-03	610532.43	4205966.03	42589.79137	0.00266	0.12326	1.467908E-05	2.677E-03	
610539.43	4205966.03	45069.18775	0.00994	0.12048	1.434808E-05	9.95726E-03	610539.43	4205966.03	45069.18775	0.00282	0.12048	1.434808E-05	2.831E-03	
610546.43	4205966.03	47703.28677	0.01052	0.11769	1.401357E-05	1.05388E-02	610546.43	4205966.03	47703.28677	0.00298	0.11769	1.401357E-05	2.996E-03	
610553.43	4205966.03	50498.44419	0.01114	0.11490	1.368356E-05	1.1154E-02	610553.43	4205966.03	50498.44419	0.00316	0.11490	1.368356E-05	3.170E-03	
610560.43	4205966.03	53447.04907	0.01179	0.11211	1.33512E-05	1.1805E-02	610560.43	4205966.03	53447.04907	0.00334	0.11211	1.33512E-05	3.354E-03	
610567.43	4205966.03	56542.78965	0.01247	0.10933	1.302016E-05	1.2487E-02	610567.43	4205966.03	56542.78965	0.00353	0.10933	1.302016E-05	3.547E-03	
610574.43	4205966.03	59760.51524	0.01318	0.10655	1.268916E-05	1.3197E-02	610574.43	4205966.03	59760.51524	0.00374	0.10655	1.268916E-05	3.748E-03	
610581.43	4205966.03	63070.34426	0.01391	0.10379	1.236046E-05	1.3927E-02	610581.43	4205966.03	63070.34426	0.00394	0.10379	1.236046E-05	3.954E-03	
610588.43	4205966.03	66416.62795	0.01465	0.10105	1.203415E-05	1.4664E-02	610588.43	4205966.03	66416.62795	0.00415	0.10105	1.203415E-05	4.163E-03	
610595.43	4205966.03	69733.99816	0.01538	0.09832	1.170890E-05	1.5396E-02	610595.43	4205966.03	69733.99816	0.00436	0.09832	1.170890E-05	4.370E-03	
610602.43	4205966.03	73233.05196	0.01609	0.09562	1.138746E-05	1.6103E-02	610602.43	4205966.03	73233.05196	0.00456	0.09562	1.138746E-05	4.570E-03	
610609.43	4205966.03	75910.90185	0.01675	0.09295	1.106948E-05	1.6758E-02	610609.43	4205966.03	75910.90185	0.00475	0.09295	1.106948E-05	4.756E-03	
610616.43	4205966.03	78564.1683	0.01733	0.09031	1.075505E-05	1.7341E-02	610616.43	4205966.03	78564.1683	0.00491	0.09031	1.075505E-05	4.921E-03	
610623.43	4205966.03	80784.43292	0.01782	0.08770	1.044425E-05	1.7833E-02	610623.43	4205966.03	80784.43292	0.00505	0.08770	1.044425E-05	5.060E-03	
610630.43	4205966.03	82479.58079	0.01820	0.08513	1.013816E-05	1.8206E-02	610630.43	4205966.03	82479.58079	0.00516	0.08513	1.013816E-05	5.166E-03	
610637.43	4205966.03	83548.64866	0.01843	0.08260	9.836849E-06	1.8442E-02	610637.43	4205966.03	83548.64866	0.00522	0.08260	9.836849E-06	5.232E-03	
610644.43	4205966.03	83942.51056	0.01852	0.08010	9.539126E-06	1.8528E-02	610644.43	4205966.03	83942.51056	0.00525	0.08010	9.539126E-06	5.256E-03	
610651.43	4205966.03	83622.14045	0.01845	0.07766	9.248546E-06	1.8457E-02	610651.43	4205966.03	83622.14045	0.00523	0.07766	9.248546E-06	5.236E-03	
610658.43	4205966.03	82593.91601	0.01822	0.07527	8.963916E-06	1.8230E-02	610658.43	4205966.03	82593.91601	0.00516	0.07527	8.963916E-06	5.171E-03	
610665.43	4205966.03	80902.78338	0.01785	0.07293	8.685424E-06	1.7857E-02	610665.43	4205966.03	80902.78338	0.00506	0.07293	8.685424E-06	5.065E-03	
610686.43	4205966.03	72839.97167	0.01607	0.06626	7.893991E-06	1.6077E-02	610686.43	4205966.03	72839.97167	0.00455	0.06626	7.893991E-06	4.561E-03	
610693.43	4205966.03	69485.14225	0.01533	0.06416	7.640828E-06	1.5337E-02	610693.43	4205966.03	69485.14225	0.00434	0.06416	7.640828E-06	4.351E-03	
610700.43	4205966.03	65882.64139	0.01453	0.06212	7.397888E-06	1.4542E-02	610700.43	4205966.03	65882.64139	0.00412	0.06212	7.397888E-06	4.125E-03	
610707.43	4205966.03	62069.7867	0.01369	0.06016	7.164466E-06	1.3701E-02	610707.43	4205966.03	62069.7867	0.00388	0.06016	7.164466E-06	3.888E-03	
610714.43	4205966.03	58067.34831	0.01281	0.05826	6.938189E-06	1.2817E-02	610714.43	4205966.03	58067.34831	0.00363	0.05826	6.938189E-06	3.636E-03	
610721.43	4205966.03	53898.66904	0.01189	0.05643	6.720266E-06	1.1898E-02	610721.43	4205966.03	53898.66904	0.00337	0.05643	6.720266E-06	3.375E-03	
610728.43	4205966.03	49614.90796	0.01095	0.05467	6.510666E-06	1.0952E-02	610728.43	4205966.03	49614.90796	0.00310	0.05467	6.510666E-06	3.107E-03	
610735.43	4205966.03	45275.43814	0.00999	0.05299	6.310598E-06	9.994E-03	610735.43	4205966.03	45275.43814	0.00283	0.05299	6.310598E-06	2.836E-03	
610742.43	4205966.03	40966.74243	0.00904	0.05137	6.117666E-06	9.043E-03	610742.43	4205966.03	40966.74243	0.00256	0.05137	6.117666E-06	2.567E-03	
610749.43	4205966.03	36773.76451	0.00811	0.04983	5.934266E-06	8.118E-03	610749.43	4205966.03	36773.76451	0.00230	0.04983	5.934266E-06	2.304E-03	
610756.43	4205966.03	32789.20255	0.00723	0.04835	5.758016E-06	7.239E-03	610756.43	4205966.03	32789.20255	0.00205	0.04835	5.758016E-06	2.055E-03	
610763.43	4205966.03	29094.51726	0.00642	0.04694	5.590059E-06	6.424E-03	610763.43	4205966.03	29094.51726	0.00182	0.04694	5.590059E-06	1.824E-03	
610770.43	4205966.03	25747.504	0.00568	0.04559	5.429326E-06	5.685E-03	610770.43	4205966.03	25747.504	0.00161	0.04559	5.429326E-06	1.614E-03	
610777.43	4205966.03	22784.99846	0.00503	0.04431	5.276888E-06	5.032E-03	610777.43	4205966.03	22784.99846	0.00142	0.04431	5.276888E-06	1.429E-03	
610784.43	4205966.03	20210.19608	0.00446	0.04309	5.131595E-06	4.463E-03	610784.43	4205966.03	20210.19608	0.00126	0.04309	5.131595E-06	1.268E-03	
610791.43	4205966.03	18007.83898	0.00397	0.04193	4.993456E-06	3.978E-03	610791.43	4205966.03	18007.83898	0.00113	0.04193	4.993456E-06	1.130E-03	
610798.43	4205966.03	16139.37679	0.00356	0.04083	4.862459E-06	3.565E-03	610798.43	4205966.03	16139.37679	0.00101	0.04083	4.862459E-06	1.013E-03	
610805.43	4205966.03	14560.20678	0.00321	0.03978	4.737406E-06	3.216E-03	610805.43	4205966.03	14560.20678	0.00091	0.03978	4.737406E-06	9.140E-04	
610812.43	4205966.03	13226.23332	0.00292	0.03878	4.618316E-06	2.922E-03	610812.43	4205966.03	13226.23332	0.00083	0.03878	4.618316E-06	8.319E-04	
610819.43	4205966.03	12096.56267	0.00267	0.03783	4.505138E-06	2.673E-03	610819.43	4205966.03	12096.56267	0.00076	0.03783	4.505138E-06	7.606E-04	
610826.43	4205966.03	11134.79639	0.00246	0.03692	4.396816E-06	2.460E-03	610826.43	4205966.03	11134.79639	0.00070	0.03692	4.396816E-06	7.004E-04	
610833.43	4205966.03	10310.82819	0.00227	0.03606	4.294396E-06	2.279E-03	610833.43	4205966.03	10310.82819	0.00064	0.03606	4.294396E-06	6.488E-04	
610840.43	4205966.03	9599.72186	0.00212	0.03524	4.196746E-06	2.122E-03	610840.43	4205966.03	9599.72186	0.00060	0.03524	4.196746E-06	6.042E-04	
610847.43	4205966.03	8981.55334	0.00198	0.03445	4.102656E-06	1.985E-03	610847.43	4205966.03	8981.55334	0.00056	0.03445	4.102656E-06	5.655E-04	
610854.43	4205966.03	8440.42092	0.00186	0.03370	4.013346E-06	1.861E-03	610854.43	4205966.03	8440.42092	0.00053	0.03370	4.013346E-06	5.316E-04	
610861.43	4205966.03	7963.38688	0.00176	0.03298	3.927598E-06	1.760E-03	610861.43	4205966.03	7963.38688	0.00050	0.03298	3.927598E-06	5.017E-04	
610868.43	4205966.03	7540.1773	0.00166	0.03230	3.846610E-06	1.667E-03	610868.43	4205966.03	7540.1773	0.00047	0.03230	3.846610E-06	4.751E-04	
610875.43	4205966.03	7162.32148	0.00158	0.03164	3.768081E-06	1.583E-03	610875.43	4205966.03	7162.32148	0.00045	0.03164	3.768081E-06	4.514E-04	
610882.43	4205966.03	6822.88087	0.00151	0.03101	3.692988E-06	1.508E-03	610882.43	4205966.03	6822.88087	0.00043	0.03101	3.692988E-06	4.301E-04	
610889.43	4205966.03	6516.25725	0.00144	0.03040	3.620346E-06	1.441E-03	610889.43	4205966.03	6516.25725	0.00041	0.03040	3.620346E-06	4.109E-04	
610896.43	4205966.03	6237.85879	0.00138	0.02982	3.551127E-06	1.379E-03	610896.43	4205966.03	6237.85879	0.00039	0.02982	3.551127E-06	3.934E-04	
610903.43	4205966.03	5983.70902	0.00132	0.02925	3.483139E-06	1.323E-03	610903.43	4205966.03	5983.70902	0.00037	0.02925	3.483139E-06	3.775E-04	
610910.43	4205966.03	5750.71938	0.00127	0.02871	3.419088E-06	1.272E-03	610910.43	4205966.03	5750.71938	0.00036	0.02871	3.419088E-06	3.629E-04	
610917.43	4205966.03	5536.12694	0.00122	0.02819	3.357156E-06	1.224E-03	610917.43	4205966.03	5536.12694	0.00035	0.02819	3.357156E-06	3.494E-04	
610924.43	4205966.03	5337.59877	0.00118	0.02769	3.297616E-06	1.180E-03	610924.43	4205966.03	5337.59877	0.00033	0.02769	3.297616E-06	3.369E-04	
610931.43	4205966.03	5153.27096	0.00114	0.02720	3.239254E-06	1.141E-03	610931.43	4205966.03	5153.27096	0.00032	0.02720	3.239254E-06	3.253E-04	
610938.43	4205966.03	4981.44084	0.00110	0.02672	3.182096E-06	1.102E-03	610938.43	4205966.03	4981.44084	0.00031	0.02672	3.182096E-06	3.145E-04	
610945.43	4205966.03	4820.67288	0.00106	0.02627	3.128508E-06	1.066E-03	610945.43	4205966.03	4820.67288	0.00030	0.02627	3.128508E-06	3.044E-04	
610952.43	4205966.03	4669.88345	0.00103	0.02582	3.074916E-06	1.033E-03	610952.43	4205966.03	4669.88345	0.00029	0.02582	3.074916E-06	2.949E-04	
610959.43	4205966.03	4527.92808	0.00100	0.02539	3.023706E-06	1.001E-03	610959.43	4205966.03	4527.92808	0.00028	0.02539	3.023706E-06	2.860E-04	
610966.43	4205966.03	4394.01075	0.00097	0.02497	2.973686E-06	9.723E-04	610966.43	4205966.03	4394.01075	0.00027	0.02497	2.973686E-06	2.779E-04	
610973.43	4205966.03	4267.29072	0.00094	0.02457	2.926046E-06	9.443E-04	610973.43	4205966.03	4267.29072	0.00027	0.02457	2.926046E-06	2.698E-04	
610980.43	4205966.03	4147.23784	0.00091	0.02418	2.879705E-06	8.456E-04	610980.43	4205966.03	4147.23784	0.00026	0.02418	2.879705E-06	2.415E-04	
610987.43	4205966.03	4033.15975	0.00088	0.02380	2.834576E-06	8.237E-04	610987.43	4205966.03	4033.15975	0.00025	0.02380	2.834576E-06	2.353E-04	
610994.43	4205966.03	3924.75722	0.00085	0.02343	2.790586E-06	8.021E-04	610994.43	4205966.03	3924.75722	0.00024	0.02343	2.790586E-06	2.291E-04	
611001.43	4205966.03	3821.73274	0.00082	0.02307	2.747685E-06	7.807E-04	611001.43	4205966.03	3821.73274	0.00023	0.02307	2.747685E-06	2.230E-04	
611008.43	4205966.03	3723.71975	0.00082	0.02270	2.703356E-06	8.237E-04	611008.43	4205966.03	3723.71975	0.00023	0.02270	2.703356E-06	2.353E-04	
611015.43	4205966.03	3627.04094	0.00080	0.02235	2.661666E-06	8.028E-04	611015.43	4205966.03	3627.04094	0.00023	0.02235	2.661666E-06	2.293E-04	
611022.43	4205966.03	3536.36317	0.00078	0.02201	2.621276E-06	7.827E-04	611022.43	4205966.03	3536.36317	0.00022	0.02201	2.621276E-06	2.236E-04	
611029.43	4205966.03	3449.42463	0.00076	0.02169	2.583066E-06	7.635E-04	611029.43	4205966.03	3449.42463	0.00022	0.02169	2.583066E-06	2.182E-04	
611036.43	4205966.03	3365.94205	0.00074	0.02137	2.544986E-06	7.451E-04	611036.43	4205966.03	3365.94205	0.00021	0.02137	2.544986E-06	2.129E-04	
611043.43	4205966.03	3285.7086	0.00072	0.02105	2.506858E-06	7.273E-04	611043.43	4205966.03	3285.7086	0.00021	0.02105	2.506858E-06	2.079E-04	
611050.43	4205966.03	3208.55348	0.00071	0.02075	2.471126E-06	7.103E-04	611050.43	4205966.03	3208.55348	0.00020	0.02075	2.471126E-06	2.030E-04	
611057.43	4205966.03	3134.30133	0.00069	0.02045	2.435398E-06	6.939E-04	611057.43	4205966.03	3134.30133	0.00020	0.02045	2.435398E-06	1.983E-04	
611064.43	4205966.03	3062.71235	0.00068	0.02016	2.400866E-06	6.780E-04	611064.43	4205966.03	3062.71235	0.00019	0.02016	2.400866E-06	1.938E-04	
611071.43	4205966.03	2993.71979	0.00066	0.01988	2.367516E-06	6.628E-04	611071.43	4205966.03	2993.71979	0.00019	0.01988	2.367516E-06	1.895E-04	
611078.43	4205966.03	2800.86551	0.00062	0.01907	2.272056E-06	6.201E-04	611078.43	4205966.03	2800.86551	0.00018	0.01907	2.272056E-06	1.773E-04	
610294.43	4205973.03	8612.07024	0.00190	0.20305	2.418122E-05	1.9241E-03	610294.43	4205973.03	8612.07024	0.00054	0.20305	2.418122E-05	5.625E-04	
610301.43	4205973.03	8949.69368	0.00197	0.20158	2.400625E-05	1.9984E-03	610301.43	4205973.03	8949.69368	0.00056	0.20158	2.400625E-05	5.845E-04	
610308.43	4205973.03	9304.84824	0.00205	0.20008	2.382526E-05	2.0766E-03	610308.43	4205973.03	9304.84824	0.00058	0.20006	2.382526E-05	6.054E-04	
610315.43	4205973.03	9678.86753	0.00214	0.19850	2.363946E-05	2.1589E-03	610315.43	4205973.03	9678.86753	0.00061	0.19850	2.363946E-05	6.286E-04	
610322.43	4205973.03	10072.19457	0.00222	0.19688	2.344656E-05	2.2455E-03	610322.43	4205973.03	10072.19457	0.00063	0.19688	2.344656E-05	6.530E-04	
610329.43	4205973.03	10487.25752	0.00231	0.19522	2.324886E-05	2.3369E-03	610329.43	4205973.03	10487.25752	0.00066	0.19522	2.324886E-05	6.788E-04	
610336.43	4205973.03	10924.78769	0.00241	0.19351	2.304516E-05	2.4332E-03	610336.43	4205973.03	10924.78769	0.00068	0.19351	2.304516E-05	7.059E-04	
610343.43	4205973.03	11387.594	0.00251	0.19177	2.283795E-05	2.5351E-03	610343.43	4205973.03	11387.594	0.00071	0.19177	2.283795E-05	7.346E-04	
610350.43	4205973.03	11880.45137	0.00262	0.19005	2.263316E-05	2.6436E-03	610350.43	4205973.03	11880.45137	0.00074	0.19005	2.263316E-05	7.652E-04	
610357.43	4205973.03	12401.82341	0.00274	0.18829	2.242355E-05	2.7584E-03	610357.43	4205973.03	12401.82341	0.00078	0.18829	2.242355E-05	7.976E-04	
610364.43	4205973.03	12952.15944	0.00286	0.18647	2.220675E-05	2.8796E-03	610364.43	4205973.03	12952.15944	0.00081	0.18647	2.220675E-05	8.318E-04	
610371.43	4205973.03	13534.82465	0.00299	0.18460	2.198405E-05	3.0080E-03	610371.43	4205973.03	13534.82465	0.00085	0.18460	2.198405E-05	8.680E-04	
610378.43	4205973.03	14150.51017	0.00312	0.18269	2.175665E-05	3.1436E-03	610378.43	4205973.03	14150.51017	0.00088	0.18269	2.175665E-05	9.063E-04	
610385.43	4205973.03	14803.0816	0.00327	0.18073	2.152325E-05	3.2873E-03	610385.43	4205973.03	14803.0816	0.00093	0.18073	2.152325E-05	9.468E-04	
610392.43	4205973.03	15493.30454	0.00342	0.17871	2.128266E-05	3.4393E-03	610392.43	4205973.03	15493.30454	0.00097	0.17871	2.128266E-05	9.897E-04	
610399.43	4205973.03	16225.64465	0.00358	0.17666	2.103855E-05	3.6006E-03	610399.43	4205973.03	16225.64465	0.00101	0.17666	2.103855E-05	1.035E-03	
610406.43	4205973.03	17001.17141	0.00375	0.17455	2.078726E-05	3.7715E-03	610406.43	4205973.03	17001.17141	0.00106	0.17455	2.078726E-05	1.083E-03	
610413.43	4205973.03	17824.97426	0.00393	0.17238	2.052886E-05	3.9530E-03	610413.43	4205973.03	17824.97426	0.00111	0.17238	2.052886E-05	1.134E-03	
610420.43	4205973.03	18693.91535	0.00412	0.17010	2.025726E-05	4.1444E-03	610420.43	4205973.03	18693.91535	0.00117	0.17010	2.025726E-05	1.188E-03	
610427.43	4205973.03	19614.32492	0.00433	0.16776	1.997866E-05	4.3472E-03	610427.43	4205973.03	19614.32492	0.00123	0.16776	1.997866E-05	1.246E-03	
610434.43	4205973.03	20592.27744	0.00454	0.16536	1.969276E-05	4.5626E-03	610434.43	4205973.03	20592.27744	0.00129	0.16536	1.969276E-05	1.306E-03	
610441.43	4205973.03	21633.40951	0.00477	0.16293	1.940345E-05	4.7920E-03	610441.43	4205973.03	21633.40951	0.00135	0.16293	1.940345E-05	1.371E-03	
610448.43	4205973.03	22739.81048	0.00502	0.16043	1.910565E-05	5.0358E-03	610448.43	4205973.03	22739.81048	0.00142	0.16043	1.910565E-05	1.440E-03	
610455.43	4205973.03	23919.22193	0.00528	0.15789	1.880315E-05	5.2957E-03	610455.43	4205973.03	23919.22193	0.00150	0.15789	1.880315E-05	1.514E-03	
610462.43	4205973.03	25174.5498	0.00555	0.15530	1.849476E-05	5.5723E-03	610462.43	4205973.03	25174.5498	0.00157	0.15530	1.849476E-05	1.592E-03	
610469.43	4205973.03	26513.27034	0.00585	0.15266	1.818038E-05	5.8674E-03	610469.43	4205973.03	26513.27034	0.00166	0.15266	1.818038E-05	1.675E-03	
610476.43	4205973.03	27943.73637	0.00616	0.14999	1.786238E-05	6.1826E-03	610476.43	4205973.03	27943.73637	0.00175	0.14999	1.786238E-05	1.764E-03	
610483.43	4205973.03	29470.12541	0.00649	0.14727	1.753846E-05	6.5191E-03	610483.43	4205973.03	29470.12541	0.00184	0.14727	1.753846E-05	1.859E-03	
610490.43	4205973.03	31107.56615	0.00686	0.14453	1.721216E-05	6.8800E-03	610490.43	4205973.03	31107.56615	0.00194	0.14453	1.721216E-05	1.961E-03	
610504.43	4205973.03	34751.38805	0.00767	0.13900	1.655355E-05	7.6832E-03	610504.43	4205973.03	34751.38805	0.00217	0.13900	1.655355E-05	2.188E-03	
610511.43	4205973.03	36770.77447	0.00811	0.13618	1.621775E-05	8.1284E-03	610511.43	4205973.03	36770.77447	0.00230	0.13618	1.621775E-05	2.314E-03	
610518.43	4205973.03	38939.53142	0.00859	0.13334	1.587956E-05	8.6065E-03	610518.43	4205973.03	38939.53142	0.00243	0.13334	1.587956E-05	2.450E-03	
610525.43	4205973.03	41267.50427	0.00910	0.13048	1.553895E-05	9.1197E-03	610525.43	4205973.03	41267.50427	0.00258	0.13048	1.553895E-05	2.595E-03	
610532.43	4205973.03	43764.61007	0.00966	0.12760	1.519358E-05	9.6703E-03	610532.43	4205973.03	43764.61007	0.00274	0.12760	1.519358E-05	2.750E-03	
610539.43	4205973.03	46447.86369	0.01025	0.12470	1.485056E-05	1.0262E-02	610539.43	4205973.03	46447.86369	0.00290	0.12470	1.485056E-05	2.918E-03	
610546.43	4205973.03	49323.61506	0.01088	0.12179	1.450405E-05	1.0896E-02	610546.43	4205973.03	49323.61506	0.00308	0.12179	1.450405E-05	3.097E-03	
610553.43	4205973.03	52406.36409	0.01156	0.11888	1.415746E-05	1.1576E-02	610553.43	4205973.03	52406.36409	0.00328	0.11888	1.415746E-05	3.291E-03	
610560.43	4205973.03	55696.37493	0.01229	0.11597	1.381039E-05	1.2301E-02	610560.43	4205973.03	55696.37493	0.00348	0.11597	1.381039E-05	3.495E-03	
610567.43	4205973.03	59197.40605	0.01306	0.11306	1.346438E-05	1.3073E-02	610567.43	4205973.03	59197.40605	0.00370	0.11306	1.346438E-05	3.719E-03	
610574.43	4205973.03	62892.27259	0.01387	0.11016	1.311906E-05	1.3888E-02	610574.43	4205973.03	62892.27259	0.00393	0.11016	1.311906E-05	3.946E-03	
610581.43	4205973.03	66758.26282	0.01473	0.10728	1.277626E-05	1.4741E-02	610581.43	4205973.03	66758.26282	0.00417	0.10728	1.277626E-05	4.185E-03	
610588.43	4205973.03	70743.20023	0.01561	0.10442	1.243545E-05	1.5619E-02	610588.43	4205973.03	70743.20023	0.00442	0.10442	1.243545E-05	4.434E-03	
610595.43	4205973.03	74768.17249	0.01649	0.10157	1.209606E-05	1.6507E-02	610595.43	4205973.03	74768.17249	0.00467	0.10157	1.209606E-05	4.685E-03	
610602.43	4205973.03	78732.26079	0.01737	0.09875	1.176101E-05	1.7381E-02	610602.43	4205973.03	78732.26079	0.00492	0.09875	1.176101E-05	4.933E-03	
610609.43	4205973.03	82498.54592	0.01820	0.09595	1.142676E-05	1.8212E-02	610609.43	4205973.03	82498.54592	0.00516	0.09595	1.142676E-05	5.168E-03	
610616.43	4205973.03	85926.51032	0.01896	0.09320	1.109925E-05	1.8968E-02	610616.43	4205973.03	85926.51032	0.00537	0.09320	1.109925E-05	5.382E-03	
610623.43	4205973.03	88867.56673	0.01961	0.09047	1.077415E-05	1.9616E-02	610623.43	4205973.03	88867.56673	0.00556	0.09047	1.077415E-05	5.565E-03	
610630.43	4205973.03	91199.6584	0.02012	0.08778	1.045376E-05	2.0130E-02	610630.43	4205973.03	91199.6584	0.00570	0.08778	1.045376E-05	5.714E-03	
610637.43	4205973.03	92790.23096	0.02047	0.08513	1.013816E-05	2.0481E-02	610637.43	4205973.03	92790.23096	0.00580	0.08513	1.013816E-05	5.818E-03	
610644.43	4205973.03	93577.62969	0.02064	0.08253	9.828516E-06	2.0654E-02	610644.43	4205973.03	93577.62969	0.00585	0.08253	9.828516E-06	5.859E-03	
610651.43	4205973.03	93490.16444	0.02063	0.07998	9.524838E-06	2.0635E-02	610651.43	4205973.03	93490.16444	0.00584	0.07998	9.524838E-06	5.853E-03	
610658.43	4205973.03	92500.97523	0.02041	0.07748	9.227108E-06	2.0416E-02	610658.43	4205973.03	92500.97523	0.00578	0.07748	9.227108E-06	5.791E-03	
610665.43	4205973.03	90677.19747	0.02000	0.07504	8.936525E-06	2.0014E-02	610665.43	4205973.03	90677.19747	0.00567	0.07504	8.936525E-06	5.677E-03	
610686.43	4205973.03	81595.21835	0.01800	0.06808	8.107666E-06	1.8009E-02	610686.43	4205973.03	81595.21835	0.00510	0.06808	8.107666E-06	5.108E-03	
610693.43	4205973.03	77948.32715	0.01717	0.06589	7.846858E-06	1.7182E-02	610693.43	4205973.03	77948.32715	0.00487	0.06589	7.846858E-06	4.874E-03	
610700.43	4205973.03	73866.09754	0.01630	0.06377	7.594388E-06	1.6303E-02	610700.43	4205973.03	73866.09754	0.00462	0.06377	7.594388E

610469.43	4205980.03	26763.82847	0.00590	0.15823	1.88436E-05	5.92318E-03	610469.43	4205980.03	26763.82847	0.00167	0.15823	1.88436E-05	1.6919E-03		
610476.43	4205980.03	28240.59253	0.00623	0.15545	1.85126E-05	6.24888E-03	610476.43	4205980.03	28240.59253	0.00177	0.15545	1.85126E-05	1.7838E-03		
610483.43	4205980.03	28822.26844	0.00658	0.15264	1.81779E-05	6.59744E-03	610483.43	4205980.03	28822.26844	0.00186	0.15264	1.81779E-05	1.8824E-03		
610490.43	4205980.03	31522.05563	0.00695	0.14979	1.78385E-05	6.97206E-03	610490.43	4205980.03	31522.05563	0.00197	0.14979	1.78385E-05	1.9883E-03		
610504.43	4205980.03	35328.44354	0.00779	0.14404	1.71537E-05	7.81116E-03	610504.43	4205980.03	35328.44354	0.00221	0.14404	1.71537E-05	2.2255E-03		
610511.43	4205980.03	37452.45308	0.00826	0.14112	1.68060E-05	8.27916E-03	610511.43	4205980.03	37452.45308	0.00234	0.14112	1.68060E-05	2.3580E-03		
610518.43	4205980.03	39739.50163	0.00877	0.13816	1.64535E-05	8.78355E-03	610518.43	4205980.03	39739.50163	0.00248	0.13816	1.64535E-05	2.5006E-03		
610525.43	4205980.03	42210.07047	0.00931	0.13518	1.60986E-05	9.33826E-03	610525.43	4205980.03	42210.07047	0.00264	0.13518	1.60986E-05	2.6547E-03		
610532.43	4205980.03	44876.3994	0.00990	0.13218	1.57413E-05	9.91616E-03	610532.43	4205980.03	44876.3994	0.00281	0.13218	1.57413E-05	2.8210E-03		
610539.43	4205980.03	47762.2026	0.01054	0.12916	1.53817E-05	1.05512E-02	610539.43	4205980.03	47762.2026	0.00299	0.12916	1.53817E-05	3.0010E-03		
610546.43	4205980.03	50880.96147	0.01123	0.12612	1.50196E-05	1.12408E-02	610546.43	4205980.03	50880.96147	0.00318	0.12612	1.50196E-05	3.1958E-03		
610553.43	4205980.03	54257.19741	0.01197	0.12309	1.46588E-05	1.19855E-02	610553.43	4205980.03	54257.19741	0.00339	0.12309	1.46588E-05	3.4063E-03		
610560.43	4205980.03	57902.01546	0.01277	0.12005	1.42968E-05	1.27868E-02	610560.43	4205980.03	57902.01546	0.00362	0.12005	1.42968E-05	3.6338E-03		
610567.43	4205980.03	61833.51369	0.01364	0.11701	1.39347E-05	1.36535E-02	610567.43	4205980.03	61833.51369	0.00387	0.11701	1.39347E-05	3.8792E-03		
610574.43	4205980.03	66051.67469	0.01457	0.11398	1.35739E-05	1.45851E-02	610574.43	4205980.03	66051.67469	0.00413	0.11398	1.35739E-05	4.1425E-03		
610581.43	4205980.03	70540.02104	0.01556	0.11097	1.32154E-05	1.55756E-02	610581.43	4205980.03	70540.02104	0.00441	0.11097	1.32154E-05	4.4227E-03		
610588.43	4205980.03	75265.80946	0.01660	0.10797	1.28582E-05	1.66188E-02	610588.43	4205980.03	75265.80946	0.00470	0.10797	1.28582E-05	4.7177E-03		
610595.43	4205980.03	80146.70742	0.01768	0.10499	1.25033E-05	1.76945E-02	610595.43	4205980.03	80146.70742	0.00501	0.10499	1.25033E-05	5.0225E-03		
610602.43	4205980.03	85065.97585	0.01877	0.10204	1.21520E-05	1.87798E-02	610602.43	4205980.03	85065.97585	0.00532	0.10204	1.21520E-05	5.3296E-03		
610609.43	4205980.03	89845.49606	0.01982	0.09912	1.18042E-05	1.98316E-02	610609.43	4205980.03	89845.49606	0.00562	0.09912	1.18042E-05	5.6281E-03		
610616.43	4205980.03	94286.84928	0.02080	0.09624	1.14612E-05	2.08125E-02	610616.43	4205980.03	94286.84928	0.00589	0.09624	1.14612E-05	5.9054E-03		
610623.43	4205980.03	98183.67581	0.02166	0.09339	1.11218E-05	2.16726E-02	610623.43	4205980.03	98183.67581	0.00614	0.09339	1.11218E-05	6.1486E-03		
610630.43	4205980.03	101344.8736	0.02236	0.09057	1.07860E-05	2.23696E-02	610630.43	4205980.03	101344.8736	0.00634	0.09057	1.07860E-05	6.3459E-03		
610637.43	4205980.03	103642.9279	0.02287	0.08780	1.04561E-05	2.28760E-02	610637.43	4205980.03	103642.9279	0.00648	0.08780	1.04561E-05	6.4892E-03		
610644.43	4205980.03	104989.0636	0.02316	0.08508	1.01322E-05	2.31726E-02	610644.43	4205980.03	104989.0636	0.00656	0.08508	1.01322E-05	6.5730E-03		
610651.43	4205980.03	105290.6724	0.02323	0.08241	9.81422E-06	2.32382E-02	610651.43	4205980.03	105290.6724	0.00658	0.08241	9.81422E-06	6.5916E-03		
610658.43	4205980.03	104431.4825	0.02304	0.07980	9.50339E-06	2.30498E-02	610658.43	4205980.03	104431.4825	0.00653	0.07980	9.50339E-06	6.5375E-03		
610665.43	4205980.03	102447.8293	0.02260	0.07725	9.19971E-06	2.26116E-02	610665.43	4205980.03	102447.8293	0.00640	0.07725	9.19971E-06	6.4132E-03		
610686.43	4205980.03	91983.32527	0.02029	0.06998	8.33393E-06	2.03031E-02	610686.43	4205980.03	91983.32527	0.00575	0.06998	8.33393E-06	5.7598E-03		
610693.43	4205980.03	87843.74271	0.01938	0.06770	8.06240E-06	1.93888E-02	610693.43	4205980.03	87843.74271	0.00549	0.06770	8.06240E-06	5.4992E-03		
610700.43	4205980.03	83475.96797	0.01842	0.06549	7.79921E-06	1.84241E-02	610700.43	4205980.03	83475.96797	0.00522	0.06549	7.79921E-06	5.2259E-03		
610707.43	4205980.03	78829.03138	0.01739	0.06336	7.54555E-06	1.73938E-02	610707.43	4205980.03	78829.03138	0.00493	0.06336	7.54555E-06	4.9352E-03		
610714.43	4205980.03	73876.75983	0.01630	0.06131	7.30142E-06	1.63066E-02	610714.43	4205980.03	73876.75983	0.00462	0.06131	7.30142E-06	4.6254E-03		
610721.43	4205980.03	68591.86172	0.01513	0.05933	7.06562E-06	1.51336E-02	610721.43	4205980.03	68591.86172	0.00429	0.05933	7.06562E-06	4.2948E-03		
610728.43	4205980.03	63014.75133	0.01390	0.05744	6.84054E-06	1.3908E-02	610728.43	4205980.03	63014.75133	0.00394	0.05744	6.84054E-06	3.9459E-03		
610735.43	4205980.03	57223.63578	0.01262	0.05562	6.62379E-06	1.2631E-02	610735.43	4205980.03	57223.63578	0.00358	0.05562	6.62379E-06	3.5837E-03		
610742.43	4205980.03	51344.04509	0.01133	0.05389	6.41777E-06	1.1334E-02	610742.43	4205980.03	51344.04509	0.00321	0.05389	6.41777E-06	3.2159E-03		
610749.43	4205980.03	45554.59543	0.01005	0.05223	6.22008E-06	1.0056E-02	610749.43	4205980.03	45554.59543	0.00285	0.05223	6.22008E-06	2.8538E-03		
610756.43	4205980.03	40037.48174	0.00883	0.05065	6.03101E-06	8.8388E-03	610756.43	4205980.03	40037.48174	0.00250	0.05065	6.03101E-06	2.5088E-03		
610763.43	4205980.03	34966.16591	0.00771	0.04914	5.85209E-06	7.719E-03	610763.43	4205980.03	34966.16591	0.00219	0.04914	5.85209E-06	2.1916E-03		
610770.43	4205980.03	30472.84156	0.00672	0.04770	5.68060E-06	6.7284E-03	610770.43	4205980.03	30472.84156	0.00190	0.04770	5.68060E-06	1.9105E-03		
610777.43	4205980.03	26015.57439	0.00587	0.04634	5.51864E-06	5.8778E-03	610777.43	4205980.03	26015.57439	0.00166	0.04634	5.51864E-06	1.6693E-03		
610784.43	4205980.03	23387.59373	0.00516	0.04504	5.36382E-06	5.1650E-03	610784.43	4205980.03	23387.59373	0.00146	0.04504	5.36382E-06	1.4673E-03		
610791.43	4205980.03	20721.24573	0.00457	0.04381	5.21734E-06	4.5766E-03	610791.43	4205980.03	20721.24573	0.00130	0.04381	5.21734E-06	1.3005E-03		
610798.43	4205980.03	18532.21465	0.00409	0.04264	5.07800E-06	4.0935E-03	610798.43	4205980.03	18532.21465	0.00116	0.04264	5.07800E-06	1.1635E-03		
610805.43	4205980.03	16728.43028	0.00369	0.04153	4.94581E-06	3.6955E-03	610805.43	4205980.03	16728.43028	0.00105	0.04153	4.94581E-06	1.0506E-03		
610812.43	4205980.03	15232.15141	0.00336	0.04047	4.81958E-06	3.3652E-03	610812.43	4205980.03	15232.15141	0.00095	0.04047	4.81958E-06	9.5688E-04		
610819.43	4205980.03	13977.84971	0.00308	0.03946	4.69930E-06	3.0884E-03	610819.43	4205980.03	13977.84971	0.00087	0.03946	4.69930E-06	8.7846E-04		
610826.43	4205980.03	12915.74943	0.00285	0.03851	4.58616E-06	2.8540E-03	610826.43	4205980.03	12915.74943	0.00081	0.03851	4.58616E-06	8.1195E-04		
610833.43	4205980.03	12006.33041	0.00265	0.03760	4.47779E-06	2.6532E-03	610833.43	4205980.03	12006.33041	0.00075	0.03760	4.47779E-06	7.5508E-04		
610840.43	4205980.03	11219.3622	0.00248	0.03673	4.37418E-06	2.4795E-03	610840.43	4205980.03	11219.3622	0.00070	0.03673	4.37418E-06	7.0570E-04		
610847.43	4205980.03	10531.69099	0.00232	0.03590	4.27534E-06	2.3277E-03	610847.43	4205980.03	10531.69099	0.00066	0.03590	4.27534E-06	6.6261E-04		
610854.43	4205980.03	9925.20783	0.00219	0.03511	4.18125E-06	2.1938E-03	610854.43	4205980.03	9925.20783	0.00062	0.03511	4.18125E-06	6.2461E-04		
610861.43	4205980.03	9386.46499	0.00207	0.03436	4.09194E-06	2.0749E-03	610861.43	4205980.03	9386.46499	0.00059	0.03436	4.09194E-06	5.9084E-04		
610868.43	4205980.03	8904.46855	0.00196	0.03363	4.00502E-06	1.9685E-03	610868.43	4205980.03	8904.46855	0.00056	0.03363	4.00502E-06	5.6063E-04		
610875.43	4205980.03	8470.25408	0.00187	0.03294	3.92283E-06	1.8726E-03	610875.43	4205980.03	8470.25408	0.00053	0.03294	3.92283E-06	5.3340E-04		
610882.43	4205980.03	8076.92613	0.00178	0.03227	3.84304E-06	1.7857E-03	610882.43	4205980.03	8076.92613	0.00050	0.03227	3.84304E-06	5.0873E-04		
610889.43	4205980.03	7718.64893	0.00170	0.03164	3.76801E-06	1.7066E-03	610889.43	4205980.03	7718.64893	0.00048	0.03164	3.76801E-06	4.8620E-04		
610896.43	4205980.03	7390.6059	0.00163	0.03102	3.69418E-06	1.6342E-03	610896.43	4205980.03	7390.6059	0.00046	0.03102	3.69418E-06	4.6568E-04		
610903.43	4205980.03	7089.06951	0.00156	0.03043	3.62391E-06	1.5676E-03	610903.43	4205980.03	7089.06951	0.00044	0.03043	3.62391E-06	4.4676E-04		
610910.43	4205980.03	6810.61365	0.00150	0.02986	3.55603E-06	1.5061E-03	610910.43	4205980.03	6810.61365	0.00043	0.02986	3.55603E-06	4.2928E-04		
610917.43	4205980.03	6552.50858	0.00145	0.02931	3.49053E-06	1.4491E-03	610917.43	4205980.03	6552.50858	0.00041	0.02931	3.49053E-06	4.1309E-04		
610924.43	4205980.03	6312.49375	0.00139	0.02878	3.42741E-06	1.3960E-03	610924.43	4205980.03	6312.49375	0.00039	0.02878	3.42741E-06	3.9802E-04		
610931.43	4205980.03	6088.44818	0.00134	0.02826	3.36549E-06	1.3466E-03	610931.43	4205980.03	6088.44818	0.00038	0.02826	3.36549E-06	3.8396E-04		
610938.43	4205980.03	5878.68655	0.00130	0.02777	3.30731E-06	1.3002E-03	610938.43	4205980.03	5878.68655	0.00037	0.02777	3.30731E-06	3.7078E-04		
610945.43	4205980.03	5681.81805	0.00125	0.02728	3.24878E-06	1.2567E-03	610945.43	4205980.03	5681.81805	0.00036	0.02728	3.24878E-06	3.5842E-04		
610952.43	4205980.03	5496.53203	0.00121	0.02682	3.19400E-06	1.2158E-03	610952.43	4205980.03	5496.53203	0.00034	0.02682	3.19400E-06	3.4678E-04		
610959.43	4205980.03	5321.76175	0.00117	0.02636	3.13922E-06	1.1772E-03	610959.43	4205980.03	5321.76175	0.00033	0.02636	3.13922E-06	3.3580E-04		
610966.43	4205980.03	5156.48102	0.00114	0.02592	3.08682E-06	1.1407E-03	610966.43	4205980.03	5156.48102	0.00032	0.02592	3.08682E-06	3.2542E-04		
610973.43	4205980.03	4999.94548	0.00110	0.02549	3.03561E-06	1.1061E-03	610973.43	4205980.03	4999.94548	0.00031	0.02549	3.03561E-06	3.1558E-04		
611001.43	4205980.03	4447.41444	0.00098	0.02390	2.84625E-06	9.8401E-04	611001.43	4205980.03	4447.41444	0.00028	0.02390	2.84625E-06	2.8085E-04		
611008.43	4205980.03	4324.95921	0.00095	0.02353	2.80219E-06	9.5695E-04	611008.43	4205980.03	4324.95921	0.00027	0.02353	2.80219E-06	2.7316E-04		
611015.43	4205980.03	4207.92205	0.00093	0.02316	2.75813E-06	9.3108E-04	611015.43	4205980.03	4207.92205	0.00026	0.02316	2.75813E-06	2.6580E-04		
611022.43	4205980.03	4095.90433	0.00090	0.02281	2.71645E-06	9.0633E-04	611022.43	4205980.03	4095.90433	0.00026	0.02281	2.71645E-06	2.5875E-04		
611029.43	4205980.03	3988.61238	0.00088	0.02246	2.67476E-06	8.8262E-04	611029.43	4205980.03	3988.61238	0.00025	0.02246	2.67476E-06	2.5200E-04		
611036.43	4205980.03	3885.73686	0.00086	0.02213	2.63546E-06	8.5988E-04	611036.43	4205980.03	3885.73686	0.00024	0.02213	2.63546E-06	2.4553E-04		
611043.43	4205980.03	3787.0239	0.00084	0.02180	2.59616E-06	8.3807E-04	611043.43	4205980.03	3787.0239	0.00024	0.02180	2.59616E-06	2.3932E-04		
611050.43	4205980.03	3692.224	0.00081	0.02148	2.55806E-06	8.1711E-04	611050.43	4205980.03	3692.224	0.00023	0.02148	2.55806E-06	2.3336E-04		
611057.43	4205980.03	3601.0924	0.00079	0.02117	2.52114E-06	7.9697E-04	611057.43	4205980.03	3601.0924	0.00023	0.02117	2.52114E-06	2.2763E-04		
611064.43	4205980.03	3513.44145	0.00078	0.02087	2.48541E-06	7.7760E-04	611064.43	4205980.03	3513.44145	0.00022	0.02087	2.48541E-06	2.2211E-04		
611071.43	4205980.03	3429.05246	0.00076	0.02057	2.44968E-06	7.5895E-04	611071.43	4205980.03	3429.05246	0.00021	0.02057	2.44968E-06	2.1680E-04		
611092.43	4205980.03	3194.03774	0.00070	0.01973	2.34965E-06	7.0700E-04	611092.43	4205980.03	3194.03774	0.00020	0.01973	2.34965E-06	2.0201E-04		
610294.43	4205987.03	8508.19138	0.00188	0.21694	2.58354E-05	1.9029E-03	610294.43	4205987.03	8508.19138	0.00053	0.21694	2.58354E-05	5.5768E-04		
610301.43	4205987.03	8846.44015	0.00195	0.21543	2.56556E-05	1.9773E-03	610301.43	4205987.03	8846.44015	0.00055	0.21543	2.56556E-05	5.7985E-04		
610308.43	4205987.03	9202.82658	0.00203	0.21388	2.54710E-05	2.0557E-03	610308.43	4205987.03	9202.82658	0.00058	0.21388	2.54710E-05	6.0074E-04		
610315.43	4205987.03	9578.57162	0.00211	0.21228	2.52804E-05	2.1384E-03	610315.43	4205987.03	9578.57162	0.00060	0.21228	2.52804E-05	6.2404E-04		
610322.43	4205987.03	9974.86629	0.00220	0.21062	2.50828E-05	2.2257E-03	610322.43	4205987.03	9974.86629	0.00062	0.21062	2.50828E-05	6.4861E-04		
610329.43	4205987.03	10392.54057	0.00229	0.20890	2.48779E-05	2.3176E-03	610329.43	4205987.03	10392.54057	0.00065	0.20890	2.48779E-05	6.7452E-04		
610336.43	4205987.03	10834.11028	0.00239	0.20714	2.46683E-05	2.4148E-03	610336.43	4205987.03	10834.11028	0.00068	0.20714	2.46683E-05	7.0310E-04		
610343.43	4205987.03	11301.95283	0.00249	0.20535	2.44552E-05	2.5178E-03	610343.43	4205987.03	11301.95283	0.00071	0.20535	2.44552E-05	7.3094E-04		
610350.43	4205987.03	11801.83051	0.00260	0.20358	2.42444E-05	2.6279E-03	610350.43	4205987.03	11801.83051	0.00074	0.20358	2.42444E-05	7.6198E-04		
610357.43	4205987.03	12330.21762	0.00272	0.20175	2.40264E-05	2.7442E-03	610357.43	4205987.03	12330.21762	0.00077	0.20175	2.40264E-05	7.9479E-04		
610364.43	4205987.03	12890.42138	0.00284	0.19988	2.38037E-05	2.8676E-03	610364.43	4205987.03	12890.42138	0.00081	0.19988	2.38037E-05	8.2959E-04		
610371.43	4205987.03	13483.18351	0.00297	0.19794	2.35727E-05	2.9981E-03	610371.43	4205987.03	13483.18351	0.00084	0.19794	2.35727E-05	8.6641E-04		
610378.43	4205987.03	14112.45005	0.00311	0.19596	2.33369E-05	3.1367E-03	610378.43	4205987.03	14112.45005	0.00088	0.19596	2.33369E-05	9.0551E-04		
610385.43	4205987.03	14779.13598	0.00326	0.19391	2.30928E-05	3.2836E-03	610385.43	4205987.03	14779.13598	0.00092	0.19391	2.30928E-05	9.4694E-04		
610392.43	4205987.03	15487.61646	0.00342	0.19183	2.28451E-05	3.4398E-03	610392.43	4205987.03	15487.61646	0.00097	0.19183	2.28451E-05	9.9098E-04		
610399.43	4205987.03	16239.32653	0.00358	0.18966	2.25866E-05	3.6052E-03	610399.43	4205987.03	16239.32653	0.00102	0.18966	2.25866E-05	1.0377E-03		
610406.43	4205987.03	17039.31782	0.00376	0.18745	2.23234E-05	3.7814E-03	610406.43	4205987.03	17039.31782	0.00107	0.18745	2.23234E-05	1.0875E-03		
610413.43	4205987.03	17889.06843	0.00395	0.18515	2.20495E-05	3.9684E-03	610413.43	4205987.03	17889.06843	0.00112	0.18515	2.20495E-05	1.1403E-03		
610420.43	4205987.03	18787.72401	0.00414	0.18274	2.17625E-05	4.1666E-03	610420.43	4205987.03	18787.72401	0.00117	0.18274	2.17625E-05	1.1962E-03		
610427.43	4205987.03	19742.28885	0.00436	0.18025	2.14660E-05	4.3769E-03	610427.43	4205987.03	19742.28885	0.00123	0.18025	2.14660E-05	1.2556E-03		
610434.43	4205987.03	20759.5584	0.00458	0.17770	2.11623E-05	4.6010E-03	610434.43	4205987.03	20759.5584	0.00130	0.17770	2.11623E-05	1.3188E-03		
610441.43	4205987.03	21843.14168	0.00482	0.17509	2.08515E-05	4.8397E-03	610441.43	4205987.03	21843.14168	0.00137	0.17509	2.08515E-05	1.3863E-03		
610448.43	4205987.03	23001.32471	0.00507	0.17242	2.05335E-05	5.0948E-03	610448.43	4205987.03	23001.32471	0.00144	0.17242	2.05335E-05	1.4584E-03		
610455.43	4205987.03	24238.94403	0.00535	0.16970	2.02096E-05	5.3677E-03	610455.43	4205987.03	24238.94403	0.00152	0.16970	2.02096E-05	1.5354E-03		
610462.43	4205987.03	25562.77565	0.00564	0.16693	1.98797E-05	5.6594E-03	610462.43	4205987.03	25562.77565	0.00160	0.16693	1.98797E-05	1.6178E-03		
610469.43	4205987.03	26980.43298	0.00595	0.16410	1.95427E-05	5.9728E-03	610469.43	4205987.03	26980.43298	0.00169	0.16410	1.95427E-05	1.7061E-03		
610476.43	4205987.03	28502.34886	0.00629	0.16123	1.92009E-05	6.3072E-03	610476.43	4205987.03	28502.34886	0.00178	0.16123	1.92009E-05	1.8009E-03		
610483.43	4205987.03	30134.25808	0.00665	0.15831	1.88532E-05	6.6669E-03	610483.43	4205987.03	30134.25808	0.00188	0.15831	1.88532E-05	1.9026E-03		
610490.43	4205987.03	31892.6812	0.00704	0.15535	1.85006E-05	7.0545E-03	610490.43	4205987.03	31892.6812	0.00199	0.15535	1.85006E-05	2.0121E-03		
610504.43	4205987.03	35852.83851	0.00791	0.14938	1.77897E-05	7.9274E-03	610504.43	4205987.03	35852.83851	0.00224	0.14938	1.77897E-05	2.2590E-03		
610511.43	4205987.03	38074.66783	0.00840	0.14633	1.74265E-05	8.4172E-03	610511.43	4205987.03	38074.66783	0.00238	0.14633	1.74265E-05	2.3975E-03		
610518.43	4205987.03	40476.81095	0.00893	0.14326	1.70609E-05	8.9468E-03	610518.43	4205987.03	40476.81095	0.00253	0.14326	1.70609E-05	2.5473E-03		
610525.43	4205987.03	43084.56849	0.00951	0.14015	1.66905E-05	9.5237E-03	610525.43	4205987.03	43084.56849	0.00269	0.14015	1.66905E-05	2.7099E-03		
610532.43	4205987.03	45914.60026	0.01013	0.13702	1.63177E-05	1.0146E-02	610532.43	4205987.03	45914.60026	0.00287	0.13702	1.63177E-05	2.8864E-03		
610539.43	4205987.03	48997.7678	0.01081	0.13387	1.59426E-05	1.0826E-02	610539.43	4205987.03	48997.7678	0.00306	0.13387	1.59426E-05	3.0788E-03		
610546.43	4205987.03	52355.6681	0.01155	0.13071	1.55683E-05	1.1568E-02	610546.43	4205987.03	52355.6681	0.00327	0.13071	1.55683E-05	3.2883E-03		
610553.43	4205987.03	56024.48429	0.01236	0.12754	1.51888E-05	1.2375E-02	610553.43	4205987.03	56024.48429	0.00350	0.12754	1.51888E-05	3.5173E-03		
610560.43	4205987.03	60032.57992	0.01324	0.12436	1.48100E-05	1.3259E-02	610560.43	4205987.03	60032.57992	0.00375	0.12436	1.48100E-05	3.7675E-03		
610567.43	4205987.03	64406.38815	0.01421	0.12119	1.44325E-05	1.4225E-02	610567.43	4205987.03	64406.38815	0.00403	0.12119	1.44325E-05	4.0405E-03		
610574.43	4205987.03	69178.6301	0.01526	0.11802	1.40550E-05	1.5276E-02	610574.43	4205987.03	69178.6301	0.00432	0.11802	1.40550E-05	4.3384E-03		
610581.43	4205987.03	74353.64834	0.01640	0.11487	1.36799E-05	1.6417E-02	610581.43	4205987.03	74353.64834	0.00465	0.11487	1.36799E-05	4.6615E-03		
610588.43	4205987.03	79925.47028	0.01763	0.11173	1.33059E-05	1.7646E-02	610588.43	4205987.03	79925.47028	0.00500	0.11173	1.33059E-05	5.0095E-03		
610595.43	4205987.03	85827.72588	0.01893	0.10862	1.29356E-05	1.8948E-02	610595.43	4205987.03	85827.72588	0.00537	0.10862	1.29356E-05	5.3780E-03		
610602.43	4205987.03	91938.93455	0.02028	0.10553	1.25676E-05	2.0296E-02	610602.43	4205987.03	91938.93455	0.00575	0.10553	1.25676E-05	5.7597E-03		
610609.43	4205987.03	98037.96482	0.02163	0.10247	1.22032E-05	2.1641E-02	610609.43	4205987.03	98037.96482	0.00613	0.10247	1.22032E-05	6.1406E-03		
610616.43	4205987.03	103822.999	0.02290	0.09945	1.18435E-05	2.2917E-02	610616.43	4205987.03	103822.999	0.00649	0.09945	1.18435E-05	6.5018E-03		
610623.43	4205987.03	108996.3391	0.02405	0.09646	1.14874E-05	2.4058E-02	610623.43	4205987.03	108996.3391	0.00681	0.09646	1.14874E-05	6.8249E-03		
610630.43	4205987.03	113286.9351	0.02499	0.09352	1.11373E-05	2.5004E-02	610630.43	4205987.03	113286.9351	0.00708	0.09352	1.11373E-05	7.0927E-03		
610637.43	4205987.03	116586.3917	0.02570	0.09062	1.07918E-05	2.5714E-02	610637.43	4205987.03	116586.3917	0.00728	0.09062	1.07918E-05	7.2936E-03		
610644.43	4205987.03	118639.2769	0.02617	0.08777	1.04525E-05	2.6184E-02	610644.43	4205987.03	118639.2769	0.00742	0.08777	1.04525E-05	7.4266E-03		
610651.43	4205987.03	119559.0286	0.02638	0.08498	1.01203E-05	2.6386E-02	610651.43	4205987.03	119559.0286	0.00747	0.08498	1.01203E-05	7.4838E-03		
610658.43	4205987.03	118968.776	0.02625	0.08224	9.79397E-06	2.6256E-02	610658.43	4205987.03	118968.776	0.00744	0.08224	9.79397E-06	7.4466E-03		
610665.43	4205987.03	116725.9968	0.02575	0.07957	9.47600E-06	2.5761E-02	610665.43	4205987.03	116725.9968	0.00730	0.07957	9.47600E-06	7.3060E-03		
610686.43	4205987.

610441.43	4205994.03	21911.76062	0.00483	0.18169	2.163756-05	4.85576-03	610441.43	4205994.03	21911.76062	0.00137	0.18169	2.163756-05	1.3913E-03		
610448.43	4205994.03	23093.39166	0.00509	0.17894	2.131008-05	5.11606-03	610448.43	4205994.03	23093.39166	0.00144	0.17894	2.131008-05	1.4649E-03		
610455.43	4205994.03	24356.75593	0.00537	0.17612	2.097428-05	5.39446-03	610455.43	4205994.03	24356.75593	0.00152	0.17612	2.097428-05	1.5438E-03		
610462.43	4205994.03	25710.36644	0.00567	0.17325	2.063246-05	5.69276-03	610462.43	4205994.03	25710.36644	0.00161	0.17325	2.063246-05	1.6278E-03		
610469.43	4205994.03	27162.51469	0.00599	0.17031	2.028226-05	6.01276-03	610469.43	4205994.03	27162.51469	0.00170	0.17031	2.028226-05	1.7182E-03		
610476.43	4205994.03	28724.3941	0.00634	0.16733	1.992736-05	6.3569E-03	610476.43	4205994.03	28724.3941	0.00180	0.16733	1.992736-05	1.8155E-03		
610483.43	4205994.03	30402.77885	0.00671	0.16430	1.956656-05	6.7268E-03	610483.43	4205994.03	30402.77885	0.00190	0.16430	1.956656-05	1.9200E-03		
610490.43	4205994.03	32217.63264	0.00711	0.16123	1.920098-05	7.1268E-03	610490.43	4205994.03	32217.63264	0.00201	0.16123	1.920098-05	2.0331E-03		
610504.43	4205994.03	36322.32553	0.00801	0.15502	1.846138-05	8.0317E-03	610504.43	4205994.03	36322.32553	0.00227	0.15502	1.846138-05	2.2890E-03		
610511.43	4205994.03	38635.9059	0.00852	0.15186	1.808508-05	8.5417E-03	610511.43	4205994.03	38635.9059	0.00242	0.15186	1.808508-05	2.4332E-03		
610518.43	4205994.03	41145.9414	0.00908	0.14865	1.770276-05	9.0953E-03	610518.43	4205994.03	41145.9414	0.00257	0.14865	1.770276-05	2.5898E-03		
610525.43	4205994.03	43884.26503	0.00968	0.14542	1.731816-05	9.6988E-03	610525.43	4205994.03	43884.26503	0.00274	0.14542	1.731816-05	2.7605E-03		
610532.43	4205994.03	46869.8636	0.01034	0.14215	1.693876-05	1.0357E-02	610532.43	4205994.03	46869.8636	0.00293	0.14215	1.693876-05	2.9468E-03		
610539.43	4205994.03	50141.7492	0.01106	0.13887	1.653806-05	1.1078E-02	610539.43	4205994.03	50141.7492	0.00313	0.13887	1.653806-05	3.1509E-03		
610546.43	4205994.03	53733.53216	0.01185	0.13556	1.614398-05	1.1870E-02	610546.43	4205994.03	53733.53216	0.00336	0.13556	1.614398-05	3.3750E-03		
610553.43	4205994.03	57683.43466	0.01273	0.13225	1.574078-05	1.2742E-02	610553.43	4205994.03	57683.43466	0.00361	0.13225	1.574078-05	3.6218E-03		
610560.43	4205994.03	62046.72298	0.01369	0.12893	1.535438-05	1.3704E-02	610560.43	4205994.03	62046.72298	0.00388	0.12893	1.535438-05	3.8939E-03		
610567.43	4205994.03	66867.60107	0.01475	0.12561	1.495898-05	1.4767E-02	610567.43	4205994.03	66867.60107	0.00418	0.12561	1.495898-05	4.1949E-03		
610574.43	4205994.03	72009.90602	0.01593	0.12230	1.456478-05	1.5945E-02	610574.43	4205994.03	72009.90602	0.00451	0.12230	1.456478-05	4.5284E-03		
610581.43	4205994.03	78114.78282	0.01723	0.11899	1.417056-05	1.7247E-02	610581.43	4205994.03	78114.78282	0.00488	0.11899	1.417056-05	4.8971E-03		
610588.43	4205994.03	84424.42311	0.01867	0.11571	1.377996-05	1.8683E-02	610588.43	4205994.03	84424.42311	0.00529	0.11571	1.377996-05	5.3037E-03		
610595.43	4205994.03	91722.56827	0.02024	0.11245	1.339176-05	2.0249E-02	610595.43	4205994.03	91722.56827	0.00573	0.11245	1.339176-05	5.7470E-03		
610602.43	4205994.03	99301.35962	0.02191	0.10921	1.300588-05	2.1920E-02	610602.43	4205994.03	99301.35962	0.00621	0.10921	1.300588-05	6.2204E-03		
610609.43	4205994.03	107116.6656	0.02363	0.10601	1.262478-05	2.3644E-02	610609.43	4205994.03	107116.6656	0.00670	0.10601	1.262478-05	6.7085E-03		
610616.43	4205994.03	114743.597	0.02531	0.10284	1.224728-05	2.5326E-02	610616.43	4205994.03	114743.597	0.00717	0.10284	1.224728-05	7.1849E-03		
610623.43	4205994.03	121682.0858	0.02684	0.09971	1.187456-05	2.6857E-02	610623.43	4205994.03	121682.0858	0.00761	0.09971	1.187456-05	7.6182E-03		
610630.43	4205994.03	127478.9292	0.02812	0.09662	1.150656-05	2.8125E-02	610630.43	4205994.03	127478.9292	0.00797	0.09662	1.150656-05	7.9802E-03		
610637.43	4205994.03	131818.1816	0.02908	0.09359	1.114568-05	2.9092E-02	610637.43	4205994.03	131818.1816	0.00824	0.09359	1.114568-05	8.2511E-03		
610644.43	4205994.03	134920.4612	0.02977	0.09060	1.078868-05	2.9776E-02	610644.43	4205994.03	134920.4612	0.00843	0.09060	1.078868-05	8.4447E-03		
610651.43	4205994.03	136755.2907	0.03017	0.08768	1.044188-05	3.0181E-02	610651.43	4205994.03	136755.2907	0.00855	0.08768	1.044188-05	8.5590E-03		
610658.43	4205994.03	136553.086	0.03013	0.08482	1.010128-05	3.0136E-02	610658.43	4205994.03	136553.086	0.00854	0.08482	1.010128-05	8.5461E-03		
610665.43	4205994.03	133694.3764	0.02949	0.08202	9.767776-06	2.9505E-02	610665.43	4205994.03	133694.3764	0.00836	0.08202	9.767776-06	8.3670E-03		
610686.43	4205994.03	119565.2279	0.02638	0.07408	8.822206-06	2.6387E-02	610686.43	4205994.03	119565.2279	0.00747	0.07408	8.822206-06	7.4820E-03		
610693.43	4205994.03	114799.0203	0.02533	0.07159	8.525606-06	2.5335E-02	610693.43	4205994.03	114799.0203	0.00718	0.07159	8.525606-06	7.1846E-03		
610700.43	4205994.03	109839.7335	0.02423	0.06919	8.239856-06	2.4240E-02	610700.43	4205994.03	109839.7335	0.00687	0.06919	8.239856-06	6.8743E-03		
610707.43	4205994.03	104375.8326	0.02303	0.06687	7.963566-06	2.3035E-02	610707.43	4205994.03	104375.8326	0.00652	0.06687	7.963566-06	6.5325E-03		
610714.43	4205994.03	98394.45162	0.02171	0.06464	7.697996-06	2.1715E-02	610714.43	4205994.03	98394.45162	0.00615	0.06464	7.697996-06	6.1584E-03		
610721.43	4205994.03	91746.04369	0.02024	0.06250	7.443136-06	2.0248E-02	610721.43	4205994.03	91746.04369	0.00574	0.06250	7.443136-06	5.7425E-03		
610728.43	4205994.03	84441.23624	0.01863	0.06046	7.200198-06	1.8636E-02	610728.43	4205994.03	84441.23624	0.00528	0.06046	7.200198-06	5.2856E-03		
610735.43	4205994.03	76512.89963	0.01688	0.05850	6.966776-06	1.6887E-02	610735.43	4205994.03	76512.89963	0.00478	0.05850	6.966776-06	4.7898E-03		
610742.43	4205994.03	68144.25544	0.01503	0.05662	6.742886-06	1.5040E-02	610742.43	4205994.03	68144.25544	0.00426	0.05662	6.742886-06	4.2665E-03		
610749.43	4205994.03	59645.51953	0.01316	0.05484	6.530606-06	1.3165E-02	610749.43	4205994.03	59645.51953	0.00373	0.05484	6.530606-06	3.7350E-03		
610756.43	4205994.03	51419.97005	0.01134	0.05314	6.328456-06	1.1350E-02	610756.43	4205994.03	51419.97005	0.00321	0.05314	6.328456-06	3.2206E-03		
610763.43	4205994.03	43943.69388	0.00969	0.05153	6.136716-06	9.7007E-03	610763.43	4205994.03	43943.69388	0.00275	0.05153	6.136716-06	2.7531E-03		
610770.43	4205994.03	37521.24784	0.00828	0.04999	5.953316-06	8.2837E-03	610770.43	4205994.03	37521.24784	0.00235	0.04999	5.953316-06	2.3514E-03		
610777.43	4205994.03	32260.93956	0.00712	0.04854	5.780636-06	7.1230E-03	610777.43	4205994.03	32260.93956	0.00202	0.04854	5.780636-06	2.0224E-03		
610784.43	4205994.03	28090.45087	0.00620	0.04715	5.615106-06	6.2028E-03	610784.43	4205994.03	28090.45087	0.00176	0.04715	5.615106-06	1.7616E-03		
610791.43	4205994.03	24811.86	0.00548	0.04584	5.458036-06	5.4837E-03	610791.43	4205994.03	24811.86	0.00155	0.04584	5.458036-06	1.5577E-03		
610798.43	4205994.03	22244.87863	0.00491	0.04460	5.311426-06	4.9128E-03	610798.43	4205994.03	22244.87863	0.00139	0.04460	5.311426-06	1.3958E-03		
610805.43	4205994.03	20150.34073	0.00445	0.04342	5.170896-06	4.4508E-03	610805.43	4205994.03	20150.34073	0.00126	0.04342	5.170896-06	1.2648E-03		
610812.43	4205994.03	18423.12297	0.00406	0.04230	5.037516-06	4.0694E-03	610812.43	4205994.03	18423.12297	0.00115	0.04230	5.037516-06	1.1567E-03		
610819.43	4205994.03	16979.84723	0.00375	0.04123	4.910096-06	3.7508E-03	610819.43	4205994.03	16979.84723	0.00106	0.04123	4.910096-06	1.0663E-03		
610826.43	4205994.03	15744.02964	0.00347	0.04022	4.789806-06	3.4781E-03	610826.43	4205994.03	15744.02964	0.00098	0.04022	4.789806-06	9.8895E-04		
610833.43	4205994.03	14670.63186	0.00324	0.03926	4.675486-06	3.2412E-03	610833.43	4205994.03	14670.63186	0.00092	0.03926	4.675486-06	9.2176E-04		
610840.43	4205994.03	13756.05712	0.00303	0.03834	4.565926-06	3.0398E-03	610840.43	4205994.03	13756.05712	0.00086	0.03834	4.565926-06	8.6321E-04		
610847.43	4205994.03	12909.1727	0.00285	0.03747	4.463316-06	2.8524E-03	610847.43	4205994.03	12909.1727	0.00081	0.03747	4.463316-06	8.1142E-04		
610854.43	4205994.03	12172.19639	0.00269	0.03664	4.363466-06	2.6897E-03	610854.43	4205994.03	12172.19639	0.00076	0.03664	4.363466-06	7.6525E-04		
610861.43	4205994.03	11535.55609	0.00254	0.03584	4.268186-06	2.5437E-03	610861.43	4205994.03	11535.55609	0.00072	0.03584	4.268186-06	7.2388E-04		
610868.43	4205994.03	10912.83855	0.00241	0.03508	4.177686-06	2.4117E-03	610868.43	4205994.03	10912.83855	0.00068	0.03508	4.177686-06	6.8634E-04		
610875.43	4205994.03	10370.00197	0.00229	0.03434	4.089556-06	2.2918E-03	610875.43	4205994.03	10370.00197	0.00065	0.03434	4.089556-06	6.5232E-04		
610882.43	4205994.03	9874.71469	0.00218	0.03364	4.006106-06	2.1825E-03	610882.43	4205994.03	9874.71469	0.00062	0.03364	4.006106-06	6.2128E-04		
610889.43	4205994.03	9420.89304	0.00208	0.03297	3.926406-06	2.0823E-03	610889.43	4205994.03	9420.89304	0.00059	0.03297	3.926406-06	5.9283E-04		
610896.43	4205994.03	9003.52041	0.00199	0.03232	3.848098-06	1.9901E-03	610896.43	4205994.03	9003.52041	0.00056	0.03232	3.848098-06	5.6666E-04		
610903.43	4205994.03	8618.19401	0.00190	0.03170	3.775166-06	1.9051E-03	610903.43	4205994.03	8618.19401	0.00054	0.03170	3.775166-06	5.4250E-04		
610910.43	4205994.03	8261.38861	0.00182	0.03110	3.703706-06	1.8261E-03	610910.43	4205994.03	8261.38861	0.00052	0.03110	3.703706-06	5.2012E-04		
610917.43	4205994.03	7929.91571	0.00175	0.03051	3.633446-06	1.7531E-03	610917.43	4205994.03	7929.91571	0.00050	0.03051	3.633446-06	4.9933E-04		
610924.43	4205994.03	7621.0881	0.00168	0.02995	3.566756-06	1.6849E-03	610924.43	4205994.03	7621.0881	0.00048	0.02995	3.566756-06	4.7996E-04		
610931.43	4205994.03	7332.58358	0.00162	0.02941	3.502446-06	1.6212E-03	610931.43	4205994.03	7332.58358	0.00046	0.02941	3.502446-06	4.6186E-04		
610938.43	4205994.03	7062.49081	0.00156	0.02889	3.440516-06	1.5615E-03	610938.43	4205994.03	7062.49081	0.00044	0.02889	3.440516-06	4.4492E-04		
610945.43	4205994.03	6808.98721	0.00150	0.02838	3.379786-06	1.5055E-03	610945.43	4205994.03	6808.98721	0.00043	0.02838	3.379786-06	4.2901E-04		
610952.43	4205994.03	6570.50849	0.00145	0.02788	3.320236-06	1.4529E-03	610952.43	4205994.03	6570.50849	0.00041	0.02788	3.320236-06	4.1404E-04		
610959.43	4205994.03	6345.74446	0.00140	0.02741	3.264266-06	1.4032E-03	610959.43	4205994.03	6345.74446	0.00040	0.02741	3.264266-06	3.9994E-04		
610966.43	4205994.03	6133.52495	0.00135	0.02694	3.208298-06	1.3561E-03	610966.43	4205994.03	6133.52495	0.00038	0.02694	3.208298-06	3.8662E-04		
610973.43	4205994.03	5932.83358	0.00131	0.02649	3.154706-06	1.3120E-03	610973.43	4205994.03	5932.83358	0.00037	0.02649	3.154706-06	3.7402E-04		
610994.43	4205994.03	5390.80097	0.00119	0.02521	3.002266-06	1.1923E-03	610994.43	4205994.03	5390.80097	0.00034	0.02521	3.002266-06	3.3998E-04		
611001.43	4205994.03	5227.70734	0.00115	0.02481	2.954638-06	1.1563E-03	611001.43	4205994.03	5227.70734	0.00033	0.02481	2.954638-06	3.2974E-04		
611008.43	4205994.03	5072.39654	0.00112	0.02442	2.908188-06	1.1219E-03	611008.43	4205994.03	5072.39654	0.00032	0.02442	2.908188-06	3.1998E-04		
611015.43	4205994.03	4924.28055	0.00109	0.02403	2.861746-06	1.0892E-03	611015.43	4205994.03	4924.28055	0.00031	0.02403	2.861746-06	3.1068E-04		
611022.43	4205994.03	4782.98139	0.00106	0.02366	2.817676-06	1.0580E-03	611022.43	4205994.03	4782.98139	0.00030	0.02366	2.817676-06	3.0180E-04		
611029.43	4205994.03	4647.93657	0.00103	0.02330	2.774806-06	1.0282E-03	611029.43	4205994.03	4647.93657	0.00029	0.02330	2.774806-06	2.9332E-04		
611036.43	4205994.03	4518.82196	0.00100	0.02295	2.733126-06	9.9965E-04	611036.43	4205994.03	4518.82196	0.00028	0.02295	2.733126-06	2.8521E-04		
611043.43	4205994.03	4395.21692	0.00097	0.02261	2.692636-06	9.7234E-04	611043.43	4205994.03	4395.21692	0.00027	0.02261	2.692636-06	2.7744E-04		
611050.43	4205994.03	4276.87763	0.00094	0.02227	2.652146-06	9.4619E-04	611050.43	4205994.03	4276.87763	0.00027	0.02227	2.652146-06	2.7000E-04		
611057.43	4205994.03	4163.38473	0.00092	0.02195	2.614036-06	9.2111E-04	611057.43	4205994.03	4163.38473	0.00026	0.02195	2.614036-06	2.6287E-04		
611064.43	4205994.03	4054.52924	0.00089	0.02163	2.575926-06	8.9706E-04	611064.43	4205994.03	4054.52924	0.00025	0.02163	2.575926-06	2.5603E-04		
611071.43	4205994.03	3950.0267	0.00087	0.02132	2.539006-06	8.7397E-04	611071.43	4205994.03	3950.0267	0.00025	0.02132	2.539006-06	2.4946E-04		
611078.43	4205994.03	3849.65656	0.00085	0.02102	2.503276-06	8.5179E-04	611078.43	4205994.03	3849.65656	0.00024	0.02102	2.503276-06	2.4315E-04		
611094.43	4205994.03	8384.69867	0.00185	0.02223	2.765616-05	1.8774E-03	611094.43	4205994.03	8384.69867	0.00052	0.02223	2.765616-05	5.5179E-04		
611101.43	4205994.03	8721.94579	0.00192	0.02870	2.744146-05	1.9537E-03	611101.43	4205994.03	8721.94579	0.00055	0.02870	2.744146-05	5.7268E-04		
611108.43	4205994.03	9077.86428	0.00200	0.22911	2.728476-05	2.0300E-03	611108.43	4205994.03	9077.86428	0.00057	0.22911	2.728476-05	5.9474E-04		
611115.43	4205994.03	9453.45998	0.00209	0.22747	2.708946-05	2.1127E-03	611115.43	4205994.03	9453.45998	0.00059	0.22747	2.708946-05	6.1803E-04		
611122.43	4205994.03	9850.23745	0.00217	0.22577	2.688706-05	2.2000E-03	611122.43	4205994.03	9850.23745	0.00062	0.22577	2.688706-05	6.4263E-04		
611129.43	4205994.03	10269.54777	0.00227	0.22402	2.667866-05	2.2923E-03	611129.43	4205994.03	10269.54777	0.00064	0.22402	2.667866-05	6.6863E-04		
611136.43	4205994.03	10712.91837	0.00236	0.22221	2.646306-05	2.3898E-03	611136.43	4205994.03	10712.91837	0.00067	0.22221	2.646306-05	6.9631E-04		
611143.43	4205994.03	11183.35985	0.00247	0.22036	2.624276-05	2.4940E-03	611143.43	4205994.03	11183.35985	0.00070	0.22036	2.624276-05	7.2532E-04		
611150.43	4205994.03	11686.29406	0.00258	0.21854	2.602606-05	2.6042E-03	611150.43	4205994.03	11686.29406	0.00073	0.21854	2.602606-05	7.5654E-04		
611157.43	4205994.03	12220.14234	0.00270	0.21666	2.580216-05	2.7217E-03	611157.43	4205994.03	12220.14234	0.00076	0.21666	2.580216-05	7.8969E-04		
611164.43	4205994.03	12785.67321	0.00282	0.21472	2.557106-05	2.8463E-03	611164.43	4205994.03	12785.67321	0.00080	0.21472	2.557106-05	8.2481E-04		
611171.43	4205994.03	13386.75555	0.00295	0.21273	2.533406-05	2.9786E-03	611171.43	4205994.03	13386.75555	0.00084	0.21273	2.533406-05	8.6214E-04		
611178.43	4205994.03	14024.35288	0.00309	0.21067	2.508876-05	3.1191E-03	611178.43	4205994.03	14024.35288	0.00088	0.21067	2.508876-05	9.0175E-04		
611385.43	4205994.03	14703.00441	0.00324	0.20856	2.483746-05	3.2685E-03	611385.43	4205994.03	14703.00441	0.00092	0.20856	2.483746-05	9.4393E-04		
611392.43	4205994.03	15423.86072	0.00340	0.20637	2.457666-05	3.4272E-03	611392.43	4205994.03	15423.86072	0.00096	0.20637	2.457666-05	9.8871E-04		
611399.43	4205994.03	16192.25271	0.00357	0.20411	2.430756-05	3.5965E-03	611399.43	4205994.03	16192.25271	0.00101	0.20411	2.430756-05	1.0365E-03		
611406.43	4205994.03	17009.77989	0.00375	0.20177	2.402886-05	3.7766E-03	611406.43	4205994.03	17009.77989	0.00106	0.20177	2.402886-05	1.0873E-03		
611413.43	4205994.03	17881.24236	0.00394	0.19936	2.374186-05	3.9688E-03	611413.43	4205994.03	17881.24236	0.00112	0.19936	2.374186-05	1.1415E-03		
611420.43	4205994.03	18803.80561	0.00415	0.19681	2.343816-05	4.1718E-03	611420.43	4205994.03	18803.80561	0.00118	0.19681	2.343816-05	1.1989E-03		
611427.43	4205994.03	19784.93053	0.00436	0.19416	2.312256-05	4.3879E-03	611427.43	4205994.03	19784.93053	0.00124	0.19416	2.312256-05	1.2599E-03		
611434.43	4205994.03	20834.36461	0.00460	0.19145	2.279988-05	4.6191E-03	611434.43	4205994.03	20834.36461	0.00130	0.19145	2.279988-05	1.3252E-03		
611441.43	4205994.03	21955.34565	0.00484	0.18866	2.246758-05	4.8661E-03	611441.43	4205994.03	21955.34565	0.00137	0.18866	2.246758-05	1.3949E-03		
611448.43	4205994.03	23156.56639	0.00511	0.18582	2.212398-05	5.1308E-03	611448.43	4205994.03	23156.56639	0.00144	0.18582	2.212398-05	1.4697E-03		
611455.43	4205994.03	24443.31977	0.00539	0.18290	2.178168-05	5.4148E-03	611455.43	4205994.03	24443.31977	0.00153	0.18290	2.178168-05	1.5497E-03		
611462.43	4205994.03	25825.58061	0.00570	0.17993	2.142798-05	5.7188E-03	611462.43	4205994.03	25825.58061	0.00161	0.17993	2.142798-05	1.6358E-03		
611469.43	4205994.03	27309.22758	0.00602	0.17680	2.106598-05	6.0458E-03	611469.43	4205994.03	27309.22758	0.00171	0.17680	2.106598-05	1.7282E-03		
611476.43	4205994.03	28907.74513	0.00638	0.17380	2.069798-05	6.3981E-03	611476.43	4205994.03	28907.74513	0.00181	0.17380	2.069798-05	1.8277E-03		
611483.43	4205994.03	30630.82356	0.00676	0.17065	2.032278-05	6.7778E-03	611483.43	4205994.03	30630.82356	0.00191	0.17065	2.032278-05	1.9351E-03		
611504.43	4205994.03	36734.57798	0.00810	0.16101	1.917476-05	8.1238E-03	611504.43	4205994.03	36734.57798	0.00230	0.16101	1.917476-05	2.3155E-03		
611511.43	4205994.03	39133.679	0.00863	0.15772	1.878296-05	8.6522E-03	611511.43	4205994.03	39133.679	0.00245	0.15772	1.878296-05	2.4650E-03		
611518.43	4205994.03	41745.81281	0.00921	0.15437	1.838396-05	9.2281E-03	611518.43	4205994.03	41745.81281	0.00261	0.15437	1.838396-05	2.6278E-03		
611525.43	4205994.03	44604.21409	0.00984	0.15100	1.798266-05	9.8583E-03	611525.43	4205994.03	44604.21409	0.00279	0.15100	1.798266-05	2.8062E-03		
611532.43	4205994.03	47738.86273	0.01053	0.14760	1.757776-05	1.0548E-02	611532.43	4205994.03	47738.86273	0.00298	0.14760	1.757776-05	3.0017E-03		
611539.43	4205994.03	51184.34794	0.01129	0.14416	1.716806-05	1.1308E-02	611539.43	4205994.03	51184.34794	0.00320	0.14416	1.716806-05	3.2167E-03		
611546.43	4205994.03	54993.43299	0.01213	0.14071	1.675726-05	1.2149E-02	611546.43	4205994.03	54993.43299	0.00344	0.14071	1.675726-05	3.4544E-03		
611553.43	4205994.03	59212.15952	0.01306	0.13724	1.634396-05	1.3079E-02	611553.43	4205994.03	59212.15952	0.00370	0.13724	1.634396-05	3.7177E-03		
611560.43	4205994.03	63915.40457	0.01410	0.13377	1.593076-05	1.4117E-02	611560.43	4205994.03	63915.40457	0.00400	0.13377	1.593076-05	4.0113E-03		
611567.43	4205994.03	69169.63245	0.01526	0.13030	1.551746-05	1.5275E-02	611567.43	4205994.03	69169.63245	0.00432	0.13030	1.551746-05	4.3393E-03		
611574.43	4205994.03	75075.22814	0.01656	0.12683	1.510426-05	1.6578E-02	611574.43	4205994.03	75075.22814	0.00469	0.12683	1.510426-05	4.7081E-03		
611581.43	4205994.03	81727.7175	0.01803	0.12337	1.469216-05	1.8045E-02	611581.43	4205994.03	81727.7175	0.00511	0.12337	1.469216-05	5.1235E-03		
611588.43	4205994.03	89223.5452	0.01968	0.11993	1.428256-05	1.9698E-02	611588.43	4205994.03	89223.5452	0.00558	0.11993	1.428256-05	5.5917E-03		
611595.43	4205994.03	97652.55734	0.02154	0.11651	1.387526-05	2.1557E-02	611595.43	4205994.03	97652.55734	0.00610	0.11651	1.387526-05	6.1182E-03		
611602.43	4205994.03	106991.6907	0.02360	0.11311	1.347036-05	2.3617E-02	611602.43	4205994.03	106991.6907	0.00669	0.11311	1.347036-05	6.7015E-03		
611609.43	4205994.03	117043.164	0.02582	0.10975	1.307016-05	2.5834E-02	611609.43	4205994.03	117043.164	0.00732	0.10975	1.307016-05	7.3295E-03		
611616.43	4205994.03	127193.5985	0.02806	0.10643	1.267486-05	2.8071E-02	611616.43	4205994.03	127193.5985	0.00795	0.10643	1.267486-05	7.9636E-03		
611623.43	4205994.03	136521.9394	0.03012	0.10315	1.228416-05	3.0131E-02	611623.43	4205994.03	136521.9394	0.00853	0.10315	1.228416-05	8.5463E-03		
611630.43	4205994.03	144139.7959	0.03180	0.09991	1.189838-05	3.1811E-02	611630.43	4205994.03	144139.7959	0.00901	0.09991	1.189838-05	9.0221E-03		
611637.43	4205994.03	149642.9503	0.03301	0.09672	1.151848-05	3.3025E-02	611637.43	4205994.03	149642.9503	0.00935	0.09672	1.151848-05	9.3657E-03		
611644.43	4205994.03	153163.9712	0.03389	0.09359	1.114568-05	3.3902E-02	611644.43	4205994.03	153163.9712	0.00960	0.09359	1.114568-05	9.6139E-03		
611651.43	4205994.03	156267.4129	0.03447	0.09053	1.078128-05	3.4486E-02	611651.43	4205994.03	156267.4129	0.00977	0.09053	1.078128-05	9.7791E-03		
611658.43	4205994.03	155991.7483	0.03441	0.08753	1.042408-05	3.4424E-02	611

610420.43	4206008.03	18780.03846	0.00414	0.20442	2.434444E-05	4.167561E-03	610420.43	4206008.03	18780.03846	0.00117	0.20442	2.434444E-05	1.19833E-03
610427.43	4206008.03	19772.94121	0.00436	0.20170	2.402055E-05	4.386261E-03	610427.43	4206008.03	19772.94121	0.00124	0.20170	2.402055E-05	1.26006E-03
610434.43	4206008.03	20835.00051	0.00460	0.19890	2.368705E-05	4.620261E-03	610434.43	4206008.03	20835.00051	0.00130	0.19890	2.368705E-05	1.32616E-03
610441.43	4206008.03	21973.77811	0.00485	0.19604	2.334646E-05	4.871161E-03	610441.43	4206008.03	21973.77811	0.00137	0.19604	2.334646E-05	1.39699E-03
610448.43	4206008.03	23193.09411	0.00512	0.19310	2.299635E-05	5.139760E-03	610448.43	4206008.03	23193.09411	0.00145	0.19310	2.299635E-05	1.47286E-03
610455.43	4206008.03	24501.75965	0.00541	0.19008	2.263666E-05	5.428161E-03	610455.43	4206008.03	24501.75965	0.00153	0.19008	2.263666E-05	1.55422E-03
610462.43	4206008.03	25908.26734	0.00572	0.18701	2.227108E-05	5.738061E-03	610462.43	4206008.03	25908.26734	0.00162	0.18701	2.227108E-05	1.64188E-03
610469.43	4206008.03	27422.04742	0.00605	0.18386	2.189598E-05	6.071661E-03	610469.43	4206008.03	27422.04742	0.00171	0.18386	2.189598E-05	1.73611E-03
610476.43	4206008.03	29053.83197	0.00641	0.18065	2.151366E-05	6.431261E-03	610476.43	4206008.03	29053.83197	0.00182	0.18065	2.151366E-05	1.83776E-03
610483.43	4206008.03	30815.81104	0.00680	0.17738	2.112426E-05	6.831961E-03	610483.43	4206008.03	30815.81104	0.00193	0.17738	2.112426E-05	1.94741E-03
610504.43	4206008.03	37090.90444	0.00818	0.16736	1.993609E-05	8.202761E-03	610504.43	4206008.03	37090.90444	0.00232	0.16736	1.993609E-05	2.33851E-03
610511.43	4206008.03	39565.98884	0.00873	0.16393	1.952248E-05	8.748361E-03	610511.43	4206008.03	39565.98884	0.00247	0.16393	1.952248E-05	2.49280E-03
610518.43	4206008.03	42274.5131	0.00933	0.16045	1.910808E-05	9.345461E-03	610518.43	4206008.03	42274.5131	0.00264	0.16045	1.910808E-05	2.66176E-03
610525.43	4206008.03	45241.54597	0.00998	0.15693	1.868888E-05	9.999661E-03	610525.43	4206008.03	45241.54597	0.00283	0.15693	1.868888E-05	2.84467E-03
610532.43	4206008.03	48510.45627	0.01070	0.15338	1.82660E-05	1.07200E-02	610532.43	4206008.03	48510.45627	0.00303	0.15338	1.82660E-05	3.05070E-03
610539.43	4206008.03	52118.77849	0.01150	0.14979	1.783805E-05	1.15168E-02	610539.43	4206008.03	52118.77849	0.00326	0.14979	1.783805E-05	3.27586E-03
610546.43	4206008.03	56128.12907	0.01238	0.14618	1.740866E-05	1.24008E-02	610546.43	4206008.03	56128.12907	0.00351	0.14618	1.740866E-05	3.52606E-03
610553.43	4206008.03	60596.1891	0.01337	0.14255	1.697635E-05	1.33851E-02	610553.43	4206008.03	60596.1891	0.00379	0.14255	1.697635E-05	3.80491E-03
610560.43	4206008.03	65613.88556	0.01448	0.13891	1.654428E-05	1.44902E-02	610560.43	4206008.03	65613.88556	0.00410	0.13891	1.654428E-05	4.11810E-03
610567.43	4206008.03	71278.02549	0.01572	0.13528	1.611056E-05	1.57411E-02	610567.43	4206008.03	71278.02549	0.00446	0.13528	1.611056E-05	4.47176E-03
610574.43	4206008.03	77709.47331	0.01714	0.13164	1.567708E-05	1.71598E-02	610574.43	4206008.03	77709.47331	0.00486	0.13164	1.567708E-05	4.87336E-03
610581.43	4206008.03	85076.85151	0.01877	0.12801	1.524476E-05	1.87844E-02	610581.43	4206008.03	85076.85151	0.00532	0.12801	1.524476E-05	5.33344E-03
610588.43	4206008.03	93554.46315	0.02064	0.12440	1.481488E-05	2.06564E-02	610588.43	4206008.03	93554.46315	0.00585	0.12440	1.481488E-05	5.86291E-03
610595.43	4206008.03	103367.0039	0.02280	0.12081	1.438473E-05	2.28198E-02	610595.43	4206008.03	103367.0039	0.00646	0.12081	1.438473E-05	6.47508E-03
610602.43	4206008.03	114669.7185	0.02530	0.11725	1.396335E-05	2.53212E-02	610602.43	4206008.03	114669.7185	0.00717	0.11725	1.396335E-05	7.18208E-03
610609.43	4206008.03	127419.6462	0.02811	0.11372	1.354298E-05	2.81244E-02	610609.43	4206008.03	127419.6462	0.00797	0.11372	1.354298E-05	7.97986E-03
610616.43	4206008.03	140817.096	0.03107	0.11023	1.312738E-05	3.10798E-02	610616.43	4206008.03	140817.096	0.00880	0.11023	1.312738E-05	8.81566E-03
610623.43	4206008.03	152972.3376	0.03375	0.10679	1.271766E-05	3.37616E-02	610623.43	4206008.03	152972.3376	0.00956	0.10679	1.271766E-05	9.57506E-03
610630.43	4206008.03	162297.9812	0.03581	0.10339	1.231275E-05	3.58176E-02	610630.43	4206008.03	162297.9812	0.01015	0.10339	1.231275E-05	1.01586E-02
610637.43	4206008.03	168653.2146	0.03721	0.10004	1.191388E-05	3.72198E-02	610637.43	4206008.03	168653.2146	0.01054	0.10004	1.191388E-05	1.05546E-02
610644.43	4206008.03	173084.6437	0.03818	0.09676	1.152325E-05	3.81966E-02	610644.43	4206008.03	173084.6437	0.01082	0.09676	1.152325E-05	1.08316E-02
610651.43	4206008.03	175753.2053	0.03877	0.09354	1.113976E-05	3.87856E-02	610651.43	4206008.03	175753.2053	0.01099	0.09354	1.113976E-05	1.09988E-02
610658.43	4206008.03	174574.816	0.03851	0.09039	1.076466E-05	3.85244E-02	610658.43	4206008.03	174574.816	0.01091	0.09039	1.076466E-05	1.09235E-02
610686.43	4206008.03	158477.1123	0.03496	0.07861	9.361676E-06	3.49720E-02	610686.43	4206008.03	158477.1123	0.00991	0.07861	9.361676E-06	9.91568E-03
610693.43	4206008.03	154717.8351	0.03413	0.07588	9.036566E-06	3.4142E-02	610693.43	4206008.03	154717.8351	0.00967	0.07588	9.036566E-06	9.68052E-03
610700.43	4206008.03	149586.3167	0.03300	0.07326	8.724454E-06	3.3010E-02	610700.43	4206008.03	149586.3167	0.00935	0.07326	8.724454E-06	9.35041E-03
610707.43	4206008.03	143086.7612	0.03157	0.07073	8.421244E-06	3.1575E-02	610707.43	4206008.03	143086.7612	0.00894	0.07073	8.421244E-06	8.95288E-03
610714.43	4206008.03	135933.2113	0.02999	0.06830	8.13385E-06	2.9997E-02	610714.43	4206008.03	135933.2113	0.00850	0.06830	8.13385E-06	8.50535E-03
610721.43	4206008.03	127673.3469	0.02817	0.06598	7.857578E-06	2.8174E-02	610721.43	4206008.03	127673.3469	0.00798	0.06598	7.857578E-06	7.98887E-03
610728.43	4206008.03	118214.0054	0.02608	0.06376	7.593198E-06	2.608E-02	610728.43	4206008.03	118214.0054	0.00739	0.06376	7.593198E-06	7.39722E-03
610735.43	4206008.03	107443.9577	0.02370	0.06164	7.340716E-06	2.3711E-02	610735.43	4206008.03	107443.9577	0.00672	0.06164	7.340716E-06	6.72376E-03
610742.43	4206008.03	95341.60498	0.02103	0.05962	7.102015E-06	2.1041E-02	610742.43	4206008.03	95341.60498	0.00596	0.05962	7.102015E-06	5.96609E-03
610749.43	4206008.03	82291.82579	0.01815	0.05769	6.870316E-06	1.8162E-02	610749.43	4206008.03	82291.82579	0.00514	0.05769	6.870316E-06	5.1509E-03
610756.43	4206008.03	69115.02329	0.01525	0.05587	6.653568E-06	1.5254E-02	610756.43	4206008.03	69115.02329	0.00432	0.05587	6.653568E-06	4.32705E-03
610763.43	4206008.03	57341.29652	0.01265	0.05413	6.446355E-06	1.2657E-02	610763.43	4206008.03	57341.29652	0.00358	0.05413	6.446355E-06	3.59095E-03
610770.43	4206008.03	47961.83292	0.01058	0.05249	6.251046E-06	1.0587E-02	610770.43	4206008.03	47961.83292	0.00300	0.05249	6.251046E-06	3.0044E-03
610777.43	4206008.03	41048.29244	0.00906	0.05093	6.065266E-06	9.0618E-03	610777.43	4206008.03	41048.29244	0.00257	0.05093	6.065266E-06	2.57208E-03
610784.43	4206008.03	35850.44738	0.00791	0.04946	5.890208E-06	7.9150E-03	610784.43	4206008.03	35850.44738	0.00224	0.04946	5.890208E-06	2.24608E-03
610791.43	4206008.03	31871.66848	0.00703	0.04806	5.723476E-06	7.0370E-03	610791.43	4206008.03	31871.66848	0.00199	0.04806	5.723476E-06	1.99803E-03
610798.43	4206008.03	28744.91866	0.00634	0.04673	5.565088E-06	6.3472E-03	610798.43	4206008.03	28744.91866	0.00180	0.04673	5.565088E-06	1.80244E-03
610805.43	4206008.03	26160.34869	0.00577	0.04548	5.416226E-06	5.7767E-03	610805.43	4206008.03	26160.34869	0.00164	0.04548	5.416226E-06	1.64076E-03
610812.43	4206008.03	23964.4513	0.00529	0.04429	5.274505E-06	5.2922E-03	610812.43	4206008.03	23964.4513	0.00150	0.04429	5.274505E-06	1.50330E-03
610819.43	4206008.03	22077.85579	0.00487	0.04316	5.139938E-06	4.8758E-03	610819.43	4206008.03	22077.85579	0.00138	0.04316	5.139938E-06	1.38525E-03
610826.43	4206008.03	20446.16048	0.00451	0.04209	5.012505E-06	4.5157E-03	610826.43	4206008.03	20446.16048	0.00128	0.04209	5.012505E-06	1.28316E-03
610833.43	4206008.03	19009.18821	0.00419	0.04107	4.891035E-06	4.1986E-03	610833.43	4206008.03	19009.18821	0.00119	0.04107	4.891035E-06	1.19324E-03
610840.43	4206008.03	17736.60552	0.00391	0.04010	4.775515E-06	3.9177E-03	610840.43	4206008.03	17736.60552	0.00111	0.04010	4.775515E-06	1.1135E-03
610847.43	4206008.03	16605.47249	0.00366	0.03911	4.664766E-06	3.6681E-03	610847.43	4206008.03	16605.47249	0.00104	0.03917	4.664766E-06	1.04277E-03
610854.43	4206008.03	15592.6434	0.00344	0.03829	4.559966E-06	3.4445E-03	610854.43	4206008.03	15592.6434	0.00097	0.03829	4.559966E-06	9.79206E-04
610861.43	4206008.03	14680.88797	0.00324	0.03745	4.459926E-06	3.2433E-03	610861.43	4206008.03	14680.88797	0.00092	0.03745	4.459926E-06	9.2217E-04
610868.43	4206008.03	13856.62063	0.00306	0.03664	4.363466E-06	3.0613E-03	610868.43	4206008.03	13856.62063	0.00087	0.03664	4.363466E-06	8.70544E-04
610875.43	4206008.03	13108.16863	0.00289	0.03587	4.271766E-06	2.8961E-03	610875.43	4206008.03	13108.16863	0.00082	0.03587	4.271766E-06	8.23675E-04
610882.43	4206008.03	12426.38833	0.00274	0.03513	4.183646E-06	2.7456E-03	610882.43	4206008.03	12426.38833	0.00078	0.03513	4.183646E-06	7.80966E-04
610889.43	4206008.03	11803.01859	0.00260	0.03441	4.097889E-06	2.6080E-03	610889.43	4206008.03	11803.01859	0.00074	0.03441	4.097889E-06	7.4191E-04
610896.43	4206008.03	11231.13116	0.00248	0.03373	4.016917E-06	2.4818E-03	610896.43	4206008.03	11231.13116	0.00070	0.03373	4.016917E-06	7.06086E-04
610903.43	4206008.03	10704.80658	0.00236	0.03307	3.938331E-06	2.3656E-03	610903.43	4206008.03	10704.80658	0.00067	0.03307	3.938331E-06	6.7310E-04
610910.43	4206008.03	10218.9985	0.00225	0.03243	3.862209E-06	2.2583E-03	610910.43	4206008.03	10218.9985	0.00064	0.03243	3.862209E-06	6.4265E-04
610917.43	4206008.03	9769.30755	0.00216	0.03182	3.789456E-06	2.1590E-03	610917.43	4206008.03	9769.30755	0.00061	0.03182	3.789456E-06	6.1447E-04
610924.43	4206008.03	9351.97557	0.00206	0.03122	3.717998E-06	2.0669E-03	610924.43	4206008.03	9351.97557	0.00058	0.03122	3.717998E-06	5.8831E-04
610931.43	4206008.03	8963.59606	0.00198	0.03065	3.650116E-06	1.9811E-03	610931.43	4206008.03	8963.59606	0.00056	0.03065	3.650116E-06	5.6397E-04
610938.43	4206008.03	8601.42317	0.00190	0.03009	3.583426E-06	1.9012E-03	610938.43	4206008.03	8601.42317	0.00054	0.03009	3.583426E-06	5.4126E-04
610945.43	4206008.03	8262.85581	0.00182	0.02956	3.52030E-06	1.8264E-03	610945.43	4206008.03	8262.85581	0.00052	0.02956	3.52030E-06	5.2003E-04
610952.43	4206008.03	7945.70816	0.00175	0.02904	3.458388E-06	1.7564E-03	610952.43	4206008.03	7945.70816	0.00050	0.02904	3.458388E-06	5.0015E-04
610959.43	4206008.03	7648.02863	0.00169	0.02853	3.397646E-06	1.6907E-03	610959.43	4206008.03	7648.02863	0.00048	0.02853	3.397646E-06	4.8148E-04
610966.43	4206008.03	7368.19493	0.00163	0.02804	3.339026E-06	1.6288E-03	610966.43	4206008.03	7368.19493	0.00046	0.02804	3.339026E-06	4.6393E-04
610987.43	4206008.03	6620.77624	0.00146	0.02665	3.173756E-06	1.4638E-03	610987.43	4206008.03	6620.77624	0.00041	0.02665	3.173756E-06	4.1704E-04
610994.43	4206008.03	6398.35481	0.00141	0.02621	3.121356E-06	1.4147E-03	610994.43	4206008.03	6398.35481	0.00040	0.02621	3.121356E-06	4.0308E-04
611001.43	4206008.03	6187.65515	0.00137	0.02579	3.071336E-06	1.3682E-03	611001.43	4206008.03	6187.65515	0.00039	0.02579	3.071336E-06	3.8986E-04
611008.43	4206008.03	5987.74671	0.00132	0.02538	3.022516E-06	1.3240E-03	611008.43	4206008.03	5987.74671	0.00037	0.02538	3.022516E-06	3.7732E-04
611015.43	4206008.03	5797.88493	0.00128	0.02498	2.974876E-06	1.2821E-03	611015.43	4206008.03	5797.88493	0.00036	0.02498	2.974876E-06	3.6548E-04
611022.43	4206008.03	5617.3824	0.00124	0.02459	2.928436E-06	1.2422E-03	611022.43	4206008.03	5617.3824	0.00035	0.02459	2.928436E-06	3.5407E-04
611029.43	4206008.03	5445.54806	0.00120	0.02421	2.883176E-06	1.2042E-03	611029.43	4206008.03	5445.54806	0.00034	0.02421	2.883176E-06	3.4320E-04
611036.43	4206008.03	5281.80834	0.00117	0.02384	2.839116E-06	1.1681E-03	611036.43	4206008.03	5281.80834	0.00033	0.02384	2.839116E-06	3.3301E-04
611043.43	4206008.03	5125.63279	0.00113	0.02348	2.796246E-06	1.1336E-03	611043.43	4206008.03	5125.63279	0.00032	0.02348	2.796246E-06	3.2320E-04
611050.43	4206008.03	4976.56696	0.00110	0.02312	2.753366E-06	1.1007E-03	611050.43	4206008.03	4976.56696	0.00031	0.02312	2.753366E-06	3.1384E-04
611057.43	4206008.03	4834.20483	0.00107	0.02278	2.712876E-06	1.0692E-03	611057.43	4206008.03	4834.20483	0.00030	0.02278	2.712876E-06	3.0490E-04
611064.43	4206008.03	4698.04396	0.00104	0.02245	2.673576E-06	1.0391E-03	611064.43	4206008.03	4698.04396	0.00029	0.02245	2.673576E-06	2.9635E-04
611071.43	4206008.03	4567.77199	0.00101	0.02213	2.635466E-06	1.0103E-03	611071.43	4206008.03	4567.77199	0.00029	0.02213	2.635466E-06	2.8817E-04
611078.43	4206008.03	4443.03761	0.00098	0.02181	2.597366E-06	9.8279E-04	611078.43	4206008.03	4443.03761	0.00028	0.02181	2.597366E-06	2.8031E-04
610294.43	4206015.03	8242.38436	0.00182	0.02491	2.966775E-06	1.8481E-03	610294.43	4206015.03	8242.38436	0.00052	0.02491	2.966775E-06	5.4490E-04
610301.43	4206015.03	8577.26855	0.00189	0.02756	2.948196E-06	1.9217E-03	610301.43	4206015.03	8577.26855	0.00054	0.02756	2.948196E-06	5.6565E-04
610308.43	4206015.03	8930.90128	0.00197	0.02595	2.929026E-06	1.9996E-03	610308.43	4206015.03	8930.90128	0.00056	0.02595	2.929026E-06	5.8756E-04
610315.43	4206015.03	9304.63864	0.00205	0.02428	2.909136E-06	2.0818E-03	610315.43	4206015.03	9304.63864	0.00058	0.02428	2.909136E-06	6.1073E-04
610322.43	4206015.03	9699.90418	0.00214	0.02254	2.888416E-06	2.1688E-03	610322.43	4206015.03	9699.90418	0.00061	0.02454	2.888416E-06	6.3523E-04
610329.43	4206015.03	10118.09012	0.00223	0.02075	2.867096E-06	2.2608E-03	610329.43	4206015.03	10118.09012	0.00063	0.24075	2.867096E-06	6.6115E-04
610336.43	4206015.03	10560.89818	0.00233	0.23890	2.845056E-06	2.3583E-03	610336.43	4206015.03	10560.89818	0.00066	0.23890	2.845056E-06	6.8861E-04
610343.43	4206015.03	11031.43427	0.00243	0.23700	2.822446E-06	2.4619E-03	610343.43	4206015.03	11031.43427	0.00069	0.23700	2.822446E-06	7.1780E-04
610350.43	4206015.03	11534.62399	0.00254	0.23512	2.800056E-06	2.5727E-03	610350.43	4206015.03	11534.62399	0.00072	0.23512	2.800056E-06	7.4903E-04
610357.43	4206015.03	12069.52231	0.00266	0.23318	2.776946E-06	2.6905E-03	610357.43	4206015.03	12069.52231	0.00075	0.23318	2.776946E-06	7.8224E-04
610364.43	4206015.03	12637.05774	0.00279	0.23117	2.753016E-06	2.8154E-03	610364.43	4206015.03	12637.05774	0.00079	0.23117	2.753016E-06	8.1747E-04
610371.43	4206015.03	13241.28964	0.00292	0.22911	2.728476E-06	2.9485E-03	610371.43	4206015.03	13241.28964	0.00083	0.22911	2.728476E-06	8.5505E-04
610378.43	4206015.03	13883.26052	0.00306	0.22697	2.702996E-06	3.0899E-03	610378.43	4206015.03	13883.26052	0.00087	0.22697	2.702996E-06	8.9488E-04
610385.43	4206015.03	14567.70141	0.00321	0.22477	2.676796E-06	3.2406E-03	610385.43	4206015.03	14567.70141	0.00091	0.22477	2.676796E-06	9.3740E-04
610392.43	4206015.03	15297.1202	0.00337	0.22249	2.649646E-06	3.4013E-03	610392.43	4206015.03	15297.1202	0.00096	0.22249	2.649646E-06	9.8272E-04
610399.43	4206015.03	16074.02701	0.00355	0.22011	2.62129E-06	3.5724E-03	610399.43	4206015.03	16074.02701	0.00100	0.22011	2.62129E-06	1.0310E-03
610406.43	4206015.03	16904.3443	0.00373	0.21766	2.592126E-06	3.7553E-03	610406.43	4206015.03	16904.3443	0.00106	0.21766	2.592126E-06	1.0826E-03
610413.43	4206015.03	17790.28734	0.00392	0.21512	2.561876E-06	3.9504E-03	610413.43	4206015.03	17790.28734	0.00111	0.21512	2.561876E-06	1.1377E-03
610420.43	4206015.03	18731.27154	0.00413	0.21243	2.529836E-06	4.1577E-03	610420.43	4206015.03	18731.27154	0.00117	0.21243	2.529836E-06	1.1962E-03
610427.43	4206015.03	19735.41707	0.00435	0.20964	2.496616E-06	4.3788E-03	610427.43	4206015.03	19735.41707	0.00123	0.20964	2.496616E-06	1.2586E-03
610434.43	4206015.03	20809.33139	0.00459	0.20676	2.462316E-06	4.6154E-03	610434.43	4206015.03	20809.33139	0.00130	0.20676	2.462316E-06	1.3254E-03
610441.43	4206015.03	21962.29721	0.00485	0.20382	2.427296E-06	4.8695E-03	610441.43	4206015.03	21962.29721	0.00137	0.20382	2.427296E-06	1.3971E-03
610448.43	4206015.03	23199.81685	0.00512	0.20080	2.391336E-05	5.14216E-03	610448.43	4206015.03	23199.81685	0.00145	0.20080	2.391336E-05	1.47416E-03
610455.43	4206015.03	24529.97732	0.00541	0.19770	2.354416E-05	5.43526E-03	610455.43	4206015.03	24529.97732	0.00153	0.19770	2.354416E-05	1.55695E-03
610462.43	4206015.03	25961.59496	0.00573	0.19452	2.316564E-05	5.75068E-03	610462.43	4206015.03	25961.59496	0.00162	0.19452	2.316564E-05	1.64968E-03
610469.43	4206015.03	27504.69404	0.00607	0.19127	2.277846E-05	6.09070E-03	610469.43	4206015.03	27504.69404	0.00172	0.19127	2.277846E-05	1.74216E-03
610476.43	4206015.03	29168.57158	0.00643	0.18795	2.238308E-05	6.45746E-03	610476.43	4206015.03	29168.57158	0.00182	0.18795	2.238308E-05	1.84537E-03
610483.43	4206015.03	30970.30248	0.00683	0.18456	2.197935E-05	6.85455E-03	610483.43	4206015.03	30970.30248	0.00194	0.18456	2.197935E-05	1.95798E-03
610504.43	4206015.03	37401.64653	0.00825	0.17414	2.073845E-05	8.27216E-03	610504.43	4206015.03	37401.64653	0.00234	0.17414	2.073845E-05	2.3587E-03
610511.43	4206015.03	39949.73616	0.00881	0.17056	2.031226E-05	8.8338E-03	610511.43	4206015.03	39949.73616	0.00250	0.17056	2.031226E-05	2.5179E-03
610518.43	4206015.03	42738.40194	0.00943	0.16692	1.987785E-05	9.44866E-03	610518.43	4206015.03	42738.40194	0.00267	0.16692	1.987785E-05	2.6915E-03
610525.43	4206015.03	45808.03057	0.01011	0.16325	1.944156E-05	1.01256E-02	610525.43	4206015.03	45808.03057	0.00286	0.16325	1.944156E-05	2.8828E-03
610532.43	4206015.03	49196.56434	0.01085	0.15953	1.899846E-05	1.08726E-02	610532.43	4206015.03	49196.56434	0.00308	0.15953	1.899846E-05	3.0943E-03
610539.43	4206015.03	52954.09412	0.01168	0.15578	1.855198E-05	1.17015E-02	610539.43	4206015.03	52954.09412	0.00331	0.15578	1.855198E-05	3.3287E-03
610546.43	4206015.03	57141.47428	0.01261	0.15200	1.810175E-05	1.26246E-02	610546.43	4206015.03	57141.47428	0.00357	0.15200	1.810175E-05	3.5908E-03
610553.43	4206015.03	61830.36405	0.01364	0.14819	1.764805E-05	1.36586E-02	610553.43	4206015.03	61830.36405	0.00387	0.14819	1.764805E-05	3.8827E-03
610560.43	4206015.03	67126.77628	0.01481	0.14438	1.719425E-05	1.48266E-02	610560.43	4206015.03	67126.77628	0.00420	0.14438	1.719425E-05	4.2133E-03
610567.43	4206015.03	73155.72828	0.01614	0.14057	1.67405E-05	1.61568E-02	610567.43	4206015.03	73155.72828	0.00457	0.14057	1.67405E-05	4.5897E-03
610574.43	4206015.03	80065.65464	0.01766	0.13675	1.628586E-05	1.76802E-02	610574.43	4206015.03	80065.65464	0.00500	0.13675	1.628586E-05	5.0212E-03
610581.43	4206015.03	88079.80749	0.01943	0.13295	1.583305E-05	1.94470E-02	610581.43	4206015.03	88079.80749	0.00551	0.13295	1.583305E-05	5.5213E-03
610588.43	4206015.03	97457.77351	0.02150	0.12915	1.538055E-05	2.15166E-02	610588.43	4206015.03	97457.77351	0.00609	0.12915	1.538055E-05	6.1075E-03
610595.43	4206015.03	108570.5844	0.02395	0.12538	1.493155E-05	2.39670E-02	610595.43	4206015.03	108570.5844	0.00679	0.12538	1.493155E-05	6.8017E-03
610602.43	4206015.03	121814.2601	0.02687	0.12164	1.448616E-05	2.68888E-02	610602.43	4206015.03	121814.2601	0.00761	0.12164	1.448616E-05	7.6291E-03
610609.43	4206015.03	137333.6749	0.03030	0.11793	1.404436E-05	3.03125E-02	610609.43	4206015.03	137333.6749	0.00858	0.11793	1.404436E-05	8.5988E-03
610616.43	4206015.03	153969.349	0.03397	0.11427	1.360846E-05	3.39811E-02	610616.43	4206015.03	153969.349	0.00962	0.11427	1.360846E-05	9.6383E-03
610623.43	4206015.03	168103.6841	0.03709	0.11064	1.317615E-05	3.70998E-02	610623.43	4206015.03	168103.6841	0.01051	0.11064	1.317615E-05	1.0523E-02
610630.43	4206015.03	178246.5583	0.03932	0.10707	1.275105E-05	3.9336E-02	610630.43	4206015.03	178246.5583	0.01114	0.10707	1.275105E-05	1.1155E-02
610637.43	4206015.03	184889.5694	0.04079	0.10355	1.233188E-05	4.0804E-02	610637.43	4206015.03	184889.5694	0.01156	0.10355	1.233188E-05	1.1576E-02
610644.43	4206015.03	189553.094	0.04182	0.10010	1.19209E-05	4.1830E-02	610644.43	4206015.03	189553.094	0.01185	0.10010	1.19209E-05	1.1861E-02
610651.43	4206015.03	192147.0103	0.04239	0.09672	1.151846E-05	4.2402

610504.43	4206022.03	37654.01228	0.00831	0.18135	2.15970E-05	8.3286E-03	610504.43	4206022.03	37654.01228	0.00235	0.18135	2.15970E-05	2.3754E-03
610511.43	4206022.03	40264.86673	0.00888	0.17761	2.11516E-05	8.90431E-03	610511.43	4206022.03	40264.86673	0.00252	0.17761	2.11516E-05	2.5381E-03
610518.43	4206022.03	43131.32207	0.00952	0.17381	2.06991E-05	9.53631E-03	610518.43	4206022.03	43131.32207	0.00270	0.17381	2.06991E-05	2.7168E-03
610525.43	4206022.03	46290.33999	0.01021	0.16997	2.02417E-05	1.02316E-02	610525.43	4206022.03	46290.33999	0.00289	0.16997	2.02417E-05	2.9139E-03
610532.43	4206022.03	49786.16	0.01098	0.16608	1.97785E-05	1.1003E-02	610532.43	4206022.03	49786.16	0.00311	0.16608	1.97785E-05	3.1319E-03
610539.43	4206022.03	53672.95318	0.01184	0.16215	1.93105E-05	1.1860E-02	610539.43	4206022.03	53672.95318	0.00336	0.16215	1.93105E-05	3.3744E-03
610546.43	4206022.03	58018.34618	0.01280	0.15818	1.88377E-05	1.2818E-02	610546.43	4206022.03	58018.34618	0.00363	0.15818	1.88377E-05	3.6456E-03
610553.43	4206022.03	62907.13395	0.01388	0.15420	1.83637E-05	1.3897E-02	610553.43	4206022.03	62907.13395	0.00393	0.15420	1.83637E-05	3.9507E-03
610560.43	4206022.03	68448.11768	0.01510	0.15020	1.78873E-05	1.5118E-02	610560.43	4206022.03	68448.11768	0.00428	0.15020	1.78873E-05	4.2966E-03
610567.43	4206022.03	74796.55393	0.01650	0.14620	1.7411OE-05	1.6519E-02	610567.43	4206022.03	74796.55393	0.00468	0.14620	1.7411OE-05	4.6930E-03
610574.43	4206022.03	82121.29669	0.01812	0.14219	1.69134E-05	1.8134E-02	610574.43	4206022.03	82121.29669	0.00513	0.14219	1.69134E-05	5.1504E-03
610581.43	4206022.03	90691.87793	0.02001	0.13820	1.64583E-05	2.0024E-02	610581.43	4206022.03	90691.87793	0.00567	0.13820	1.64583E-05	5.6856E-03
610588.43	4206022.03	100847.7971	0.02225	0.13421	1.59831E-05	2.2264E-02	610588.43	4206022.03	100847.7971	0.00630	0.13421	1.59831E-05	6.3200E-03
610595.43	4206022.03	113043.7461	0.02494	0.13025	1.55115E-05	2.4955E-02	610595.43	4206022.03	113043.7461	0.00707	0.13025	1.55115E-05	7.0838E-03
610602.43	4206022.03	127891.5998	0.02821	0.12631	1.50423E-05	2.8230E-02	610602.43	4206022.03	127891.5998	0.00799	0.12631	1.50423E-05	8.0096E-03
610609.43	4206022.03	145568.4029	0.03211	0.12241	1.45778E-05	3.2129E-02	610609.43	4206022.03	145568.4029	0.00910	0.12241	1.45778E-05	9.1141E-03
610777.43	4206022.03	58042.78395	0.01281	0.05355	6.37728E-06	1.2811E-02	610777.43	4206022.03	58042.78395	0.00363	0.05355	6.37728E-06	3.6346E-03
610784.43	4206022.03	52003.35335	0.01147	0.05197	6.18911E-06	1.1479E-02	610784.43	4206022.03	52003.35335	0.00325	0.05197	6.18911E-06	3.2569E-03
610791.43	4206022.03	46612.28785	0.01028	0.05047	6.01048E-06	1.0288E-02	610791.43	4206022.03	46612.28785	0.00291	0.05047	6.01048E-06	2.9198E-03
610798.43	4206022.03	41785.8822	0.00922	0.04906	5.84256E-06	9.2244E-03	610798.43	4206022.03	41785.8822	0.00261	0.04906	5.84256E-06	2.6179E-03
610805.43	4206022.03	37589.28266	0.00829	0.04772	5.68298E-06	8.2984E-03	610805.43	4206022.03	37589.28266	0.00235	0.04772	5.68298E-06	2.3554E-03
610812.43	4206022.03	33987.90743	0.00750	0.04646	5.53293E-06	7.5037E-03	610812.43	4206022.03	33987.90743	0.00212	0.04646	5.53293E-06	2.1301E-03
610819.43	4206022.03	30908.62965	0.00682	0.04526	5.39002E-06	6.8241E-03	610819.43	4206022.03	30908.62965	0.00193	0.04526	5.39002E-06	1.9375E-03
610826.43	4206022.03	28258.72512	0.00623	0.04412	5.25426E-06	6.2395E-03	610826.43	4206022.03	28258.72512	0.00177	0.04412	5.25426E-06	1.7717E-03
610833.43	4206022.03	25958.21647	0.00573	0.04304	5.12564E-06	5.7310E-03	610833.43	4206022.03	25958.21647	0.00162	0.04304	5.12564E-06	1.6278E-03
610840.43	4206022.03	23953.98079	0.00528	0.04201	5.00298E-06	5.2896E-03	610840.43	4206022.03	23953.98079	0.00150	0.04201	5.00298E-06	1.5024E-03
610847.43	4206022.03	22197.7349	0.00490	0.04093	4.88627E-06	4.9026E-03	610847.43	4206022.03	22197.7349	0.00139	0.04093	4.88627E-06	1.3925E-03
610854.43	4206022.03	20646.38899	0.00455	0.04009	4.77432E-06	4.5597E-03	610854.43	4206022.03	20646.38899	0.00129	0.04009	4.77432E-06	1.2954E-03
610861.43	4206022.03	19268.64592	0.00425	0.03920	4.66833E-06	4.2568E-03	610861.43	4206022.03	19268.64592	0.00120	0.03920	4.66833E-06	1.2092E-03
610868.43	4206022.03	18038.39069	0.00398	0.03834	4.56592E-06	3.9841E-03	610868.43	4206022.03	18038.39069	0.00113	0.03834	4.56592E-06	1.1321E-03
610875.43	4206022.03	16934.61167	0.00374	0.03752	4.46826E-06	3.7405E-03	610875.43	4206022.03	16934.61167	0.00106	0.03752	4.46826E-06	1.0631E-03
610882.43	4206022.03	15940.00452	0.00352	0.03674	4.37537E-06	3.5210E-03	610882.43	4206022.03	15940.00452	0.00100	0.03674	4.37537E-06	1.0008E-03
610889.43	4206022.03	15039.70387	0.00332	0.03598	4.28486E-06	3.3222E-03	610889.43	4206022.03	15039.70387	0.00094	0.03598	4.28486E-06	9.4442E-04
610896.43	4206022.03	14221.57563	0.00314	0.03526	4.19912E-06	3.1415E-03	610896.43	4206022.03	14221.57563	0.00089	0.03526	4.19912E-06	8.9318E-04
610903.43	4206022.03	13475.26991	0.00297	0.03456	4.11575E-06	2.9769E-03	610903.43	4206022.03	13475.26991	0.00084	0.03456	4.11575E-06	8.4646E-04
610910.43	4206022.03	12792.11287	0.00282	0.03388	4.03477E-06	2.8262E-03	610910.43	4206022.03	12792.11287	0.00080	0.03388	4.03477E-06	8.0367E-04
610917.43	4206022.03	12164.78184	0.00268	0.03323	3.95736E-06	2.6877E-03	610917.43	4206022.03	12164.78184	0.00076	0.03323	3.95736E-06	7.6438E-04
610924.43	4206022.03	11586.88561	0.00256	0.03260	3.88234E-06	2.5601E-03	610924.43	4206022.03	11586.88561	0.00072	0.03260	3.88234E-06	7.2818E-04
610931.43	4206022.03	11052.98277	0.00244	0.03199	3.80969E-06	2.4422E-03	610931.43	4206022.03	11052.98277	0.00069	0.03199	3.80969E-06	6.9473E-04
610938.43	4206022.03	10558.44439	0.00233	0.03140	3.73943E-06	2.3331E-03	610938.43	4206022.03	10558.44439	0.00066	0.03140	3.73943E-06	6.6375E-04
610945.43	4206022.03	10099.15692	0.00223	0.03083	3.67155E-06	2.2317E-03	610945.43	4206022.03	10099.15692	0.00063	0.03083	3.67155E-06	6.3497E-04
610952.43	4206022.03	9671.65409	0.00213	0.03028	3.60605E-06	2.1378E-03	610952.43	4206022.03	9671.65409	0.00060	0.03028	3.60605E-06	6.0818E-04
610959.43	4206022.03	9272.81007	0.00205	0.02975	3.54293E-06	2.0493E-03	610959.43	4206022.03	9272.81007	0.00058	0.02975	3.54293E-06	5.8319E-04
610980.43	4206022.03	8222.91473	0.00181	0.02824	3.36310E-06	1.8175E-03	610980.43	4206022.03	8222.91473	0.00051	0.02824	3.36310E-06	5.1738E-04
610987.43	4206022.03	7914.80811	0.00175	0.02776	3.30594E-06	1.7494E-03	610987.43	4206022.03	7914.80811	0.00049	0.02776	3.30594E-06	4.9800E-04
610994.43	4206022.03	7624.69489	0.00168	0.02730	3.25116E-06	1.6854E-03	610994.43	4206022.03	7624.69489	0.00048	0.02730	3.25116E-06	4.7987E-04
611001.43	4206022.03	7351.13219	0.00162	0.02685	3.19757E-06	1.6250E-03	611001.43	4206022.03	7351.13219	0.00046	0.02685	3.19757E-06	4.6272E-04
611008.43	4206022.03	7092.79803	0.00156	0.02642	3.14636E-06	1.5679E-03	611008.43	4206022.03	7092.79803	0.00044	0.02642	3.14636E-06	4.4652E-04
611015.43	4206022.03	6848.53278	0.00151	0.02600	3.09634E-06	1.5140E-03	611015.43	4206022.03	6848.53278	0.00043	0.02600	3.09634E-06	4.3120E-04
611022.43	4206022.03	6617.3001	0.00146	0.02558	3.04633E-06	1.4629E-03	611022.43	4206022.03	6617.3001	0.00041	0.02558	3.04633E-06	4.1670E-04
611029.43	4206022.03	6398.09049	0.00141	0.02518	2.99869E-06	1.4145E-03	611029.43	4206022.03	6398.09049	0.00040	0.02518	2.99869E-06	4.0294E-04
611036.43	4206022.03	6190.061488	0.00137	0.02480	2.95343E-06	1.3686E-03	611036.43	4206022.03	6190.061488	0.00039	0.02480	2.95343E-06	3.8990E-04
611043.43	4206022.03	5992.42774	0.00132	0.02442	2.90818E-06	1.3248E-03	611043.43	4206022.03	5992.42774	0.00037	0.02442	2.90818E-06	3.7750E-04
611050.43	4206022.03	5804.51737	0.00128	0.02405	2.86412E-06	1.2834E-03	611050.43	4206022.03	5804.51737	0.00036	0.02405	2.86412E-06	3.6571E-04
611057.43	4206022.03	5625.60036	0.00124	0.02368	2.82124E-06	1.2439E-03	611057.43	4206022.03	5625.60036	0.00035	0.02368	2.82124E-06	3.5446E-04
611064.43	4206022.03	5455.24156	0.00120	0.02334	2.77956E-06	1.2063E-03	611064.43	4206022.03	5455.24156	0.00034	0.02334	2.77956E-06	3.4378E-04
611071.43	4206022.03	5292.72487	0.00117	0.02300	2.73907E-06	1.1704E-03	611071.43	4206022.03	5292.72487	0.00033	0.02300	2.73907E-06	3.3359E-04
611078.43	4206022.03	5137.6204	0.00113	0.02267	2.69977E-06	1.1361E-03	611078.43	4206022.03	5137.6204	0.00032	0.02267	2.69977E-06	3.2385E-04
611085.43	4206022.03	4989.47967	0.00110	0.02235	2.66166E-06	1.1034E-03	611085.43	4206022.03	4989.47967	0.00031	0.02235	2.66166E-06	3.1455E-04
610294.43	4206029.03	8082.59203	0.00178	0.26785	3.18983E-05	1.8150E-03	610294.43	4206029.03	8082.59203	0.00051	0.26785	3.18983E-05	5.3714E-04
610301.43	4206029.03	8413.45096	0.00186	0.26627	3.17101E-05	1.8878E-03	610301.43	4206029.03	8413.45096	0.00053	0.26627	3.17101E-05	5.5764E-04
610308.43	4206029.03	8763.1741	0.00193	0.26463	3.15148E-05	1.9648E-03	610308.43	4206029.03	8763.1741	0.00055	0.26463	3.15148E-05	5.7930E-04
610315.43	4206029.03	9133.19399	0.00201	0.26293	3.13124E-05	2.0462E-03	610315.43	4206029.03	9133.19399	0.00057	0.26293	3.13124E-05	6.0223E-04
610322.43	4206029.03	9524.90085	0.00210	0.26117	3.11028E-05	2.1324E-03	610322.43	4206029.03	9524.90085	0.00060	0.26117	3.11028E-05	6.2651E-04
610329.43	4206029.03	9939.93896	0.00219	0.25934	3.08848E-05	2.2238E-03	610329.43	4206029.03	9939.93896	0.00062	0.25934	3.08848E-05	6.5231E-04
610336.43	4206029.03	10379.83912	0.00229	0.25745	3.06598E-05	2.3206E-03	610336.43	4206029.03	10379.83912	0.00065	0.25745	3.06598E-05	6.7951E-04
610343.43	4206029.03	10848.00952	0.00239	0.25551	3.04287E-05	2.4236E-03	610343.43	4206029.03	10848.00952	0.00068	0.25551	3.04287E-05	7.0854E-04
610350.43	4206029.03	11346.65283	0.00250	0.25358	3.01989E-05	2.5339E-03	610350.43	4206029.03	11346.65283	0.00071	0.25358	3.01989E-05	7.3961E-04
610357.43	4206029.03	11880.86587	0.00262	0.25157	2.99595E-05	2.6510E-03	610357.43	4206029.03	11880.86587	0.00074	0.25157	2.99595E-05	7.7263E-04
610364.43	4206029.03	12447.10352	0.00275	0.24950	2.97130E-05	2.7757E-03	610364.43	4206029.03	12447.10352	0.00078	0.24950	2.97130E-05	8.0778E-04
610371.43	4206029.03	13049.94529	0.00288	0.24736	2.94581E-05	2.9085E-03	610371.43	4206029.03	13049.94529	0.00082	0.24736	2.94581E-05	8.4521E-04
610378.43	4206029.03	13692.28783	0.00302	0.24514	2.91938E-05	3.0498E-03	610378.43	4206029.03	13692.28783	0.00086	0.24514	2.91938E-05	8.8510E-04
610385.43	4206029.03	14377.29714	0.00317	0.24283	2.89187E-05	3.2020E-03	610385.43	4206029.03	14377.29714	0.00090	0.24283	2.89187E-05	9.2765E-04
610392.43	4206029.03	15108.46701	0.00333	0.24044	2.86340E-05	3.3618E-03	610392.43	4206029.03	15108.46701	0.00094	0.24044	2.86340E-05	9.7307E-04
610399.43	4206029.03	15890.65927	0.00351	0.23796	2.83387E-05	3.5340E-03	610399.43	4206029.03	15890.65927	0.00099	0.23796	2.83387E-05	1.0217E-03
610406.43	4206029.03	16725.96188	0.00369	0.23538	2.80314E-05	3.7180E-03	610406.43	4206029.03	16725.96188	0.00105	0.23538	2.80314E-05	1.0758E-03
610413.43	4206029.03	17620.07454	0.00389	0.23270	2.77123E-05	3.9149E-03	610413.43	4206029.03	17620.07454	0.00110	0.23270	2.77123E-05	1.1291E-03
610420.43	4206029.03	18572.63175	0.00410	0.22988	2.73764E-05	4.1248E-03	610420.43	4206029.03	18572.63175	0.00116	0.22988	2.73764E-05	1.1884E-03
610427.43	4206029.03	19592.69196	0.00432	0.22696	2.70287E-05	4.3494E-03	610427.43	4206029.03	19592.69196	0.00122	0.22696	2.70287E-05	1.2518E-03
610434.43	4206029.03	20688.99923	0.00456	0.22395	2.66702E-05	4.5909E-03	610434.43	4206029.03	20688.99923	0.00129	0.22395	2.66702E-05	1.3198E-03
610441.43	4206029.03	21865.60988	0.00482	0.22084	2.62999E-05	4.8502E-03	610441.43	4206029.03	21865.60988	0.00137	0.22084	2.62999E-05	1.3931E-03
610448.43	4206029.03	23131.58373	0.00510	0.21763	2.59176E-05	5.1291E-03	610448.43	4206029.03	23131.58373	0.00145	0.21763	2.59176E-05	1.4719E-03
610455.43	4206029.03	24495.62632	0.00540	0.21434	2.55258E-05	5.4296E-03	610455.43	4206029.03	24495.62632	0.00153	0.21434	2.55258E-05	1.5568E-03
610462.43	4206029.03	25969.221	0.00573	0.21097	2.51244E-05	5.7543E-03	610462.43	4206029.03	25969.221	0.00162	0.21097	2.51244E-05	1.6485E-03
610469.43	4206029.03	27559.93339	0.00608	0.20750	2.47112E-05	6.1048E-03	610469.43	4206029.03	27559.93339	0.00172	0.20750	2.47112E-05	1.7475E-03
610476.43	4206029.03	29281.96005	0.00646	0.20394	2.42872E-05	6.4843E-03	610476.43	4206029.03	29281.96005	0.00183	0.20394	2.42872E-05	1.8547E-03
610483.43	4206029.03	31149.82215	0.00687	0.20031	2.38549E-05	6.8959E-03	610483.43	4206029.03	31149.82215	0.00195	0.20031	2.38549E-05	1.9710E-03
610504.43	4206029.03	37847.13744	0.00835	0.18902	2.25104E-05	8.3721E-03	610504.43	4206029.03	37847.13744	0.00237	0.18902	2.25104E-05	2.3883E-03
610511.43	4206029.03	40513.82579	0.00894	0.18511	2.20448E-05	8.9598E-03	610511.43	4206029.03	40513.82579	0.00253	0.18511	2.20448E-05	2.5546E-03
610518.43	4206029.03	43446.74456	0.00958	0.18115	2.15732E-05	9.6065E-03	610518.43	4206029.03	43446.74456	0.00272	0.18115	2.15732E-05	2.7374E-03
610525.43	4206029.03	46688.49889	0.01030	0.17713	2.10944E-05	1.0321E-02	610525.43	4206029.03	46688.49889	0.00292	0.17713	2.10944E-05	2.9396E-03
610532.43	4206029.03	50278.88882	0.01109	0.17305	2.06085E-05	1.1113E-02	610532.43	4206029.03	50278.88882	0.00314	0.17305	2.06085E-05	3.1638E-03
610539.43	4206029.03	54279.67672	0.01197	0.16894	2.01191E-05	1.1995E-02	610539.43	4206029.03	54279.67672	0.00339	0.16894	2.01191E-05	3.4132E-03
610546.43	4206029.03	58768.39594	0.01297	0.16479	1.96349E-05	1.2985E-02	610546.43	4206029.03	58768.39594	0.00367	0.16479	1.96349E-05	3.6932E-03
610553.43	4206029.03	63826.94119	0.01408	0.16061	1.91272E-05	1.4100E-02	610553.43	4206029.03	63826.94119	0.00399	0.16061	1.91272E-05	4.0090E-03
610560.43	4206029.03	69585.20383	0.01535	0.15641	1.86269E-05	1.5370E-02	610560.43	4206029.03	69585.20383	0.00435	0.15641	1.86269E-05	4.3684E-03
610567.43	4206029.03	76200.66182	0.01681	0.15220	1.81255E-05	1.6828E-02	610567.43	4206029.03	76200.66182	0.00476	0.15220	1.81255E-05	4.7814E-03
610574.43	4206029.03	83885.27816	0.01851	0.14800	1.76253E-05	1.8524E-02	610574.43	4206029.03	83885.27816	0.00524	0.14800	1.76253E-05	5.2613E-03
610581.43	4206029.03	92908.8775	0.02050	0.14379	1.71240E-05	2.0514E-02	610581.43	4206029.03	92908.8775	0.00581	0.14379	1.71240E-05	5.8249E-03
610588.43	4206029.03	103686.1557	0.02287	0.13960	1.66250E-05	2.2891E-02	610588.43	4206029.03	103686.1557	0.00648	0.13960	1.66250E-05	6.4981E-03
610595.43	4206029.03	116737.8732	0.02575	0.13543	1.61284E-05	2.5770E-02	610595.43	4206029.03	116737.8732	0.00730	0.13543	1.61284E-05	7.3134E-03
610602.43	4206029.03	131751.2685	0.02909	0.13128	1.56342E-05	2.9082E-02	610602.43	4206029.03	131751.2685	0.00830	0.13128	1.56342E-05	8.3186E-03
610609.43	4206029.03	151844.9251	0.03350	0.12717	1.51447E-05	3.3514E-02	610609.43	4206029.03	151844.9251	0.00949	0.12717	1.51447E-05	9.5070E-03
610777.43	4206029.03	74831.85764	0.01651	0.05495	6.54400E-06	1.6515E-02	610777.43	4206029.03	74831.85764	0.00468	0.05495	6.54400E-06	4.6843E-03
610784.43	4206029.03	67440.13853	0.01488	0.05331	6.34809E-06	1.4885E-02	610784.43	4206029.03	67440.13853	0.00422	0.05331	6.34809E-06	4.2220E-03
610791.43	4206029.03	59648.67144	0.01316	0.05177	6.16530E-06	1.3165E-02	610791.43	4206029.03	59648.67144	0.00373	0.05177	6.16530E-06	3.7348E-03
610798.43	4206029.03	52492.5113	0.01158	0.05031	5.99142E-06	1.1587E-02	610798.43	4206029.03	52492.5113	0.00328	0.05031	5.99142E-06	3.2873E-03
610805.43	4206029.03	46436.81855	0.01024	0.04893	5.82708E-06	1.0250E-02	610805.43	4206029.03	46436.81855	0.00290	0.04893	5.82708E-06	2.9086E-03
610833.43	4206029.03	30662.21417	0.00676	0.04409	5.25068E-06	6.7698E-03	610833.43	4206029.03	30662.21417	0.00192	0.04409	5.25068E-06	1.9220E-03
610840.43	4206029.03	28079.07162	0.00619	0.04303	5.12449E-06	6.1998E-03	610840.43	4206029.03	28079.07162	0.00176	0.04303	5.12445E-06	1.7604E-03
610847.43	4206029.03	25844.90163	0.00570	0.04202	5.00417E-06	5.7067E-03	610847.43	4206029.03	25844.90163	0.00162	0.04202	5.00417E-06	1.6206E-03
610854.43	4206029.03	23895.32877	0.00527	0.04105	4.88865E-06	5.2765E-03	610854.43	4206029.03	23895.32877	0.00149	0.04105	4.88865E-06	1.4986E-03
610861.43	4206029.03	22181.18616	0.00489	0.04013	4.77909E-06	4.8983E-03	610861.43	4206029.03	22181.18616	0.00139	0.04013	4.77909E-06	1.3913E-03
610868.43	4206029.03	20664.07254	0.00456	0.03925	4.67429E-06	4.5635E-03	610868.43	4206029.03	20664.07254	0.00129	0.03925	4.67429E-06	1.2964E-03
610875.43	4206029.03	19313.74379	0.00426	0.03841	4.57425E-06	4.2655E-03	610875.43	4206029.03	19313.74379	0.00121	0.03841	4.57425E-06	1.2119E-03
610882.43	4206029.03	18105.41394	0.00399	0.03760	4.47779E-06	3.9988E-03	610882.43	4206029.03	18105.41394	0.00113	0.03760	4.47779E-06	1.1363E-03
610889.43	4206029.03	17018.7068	0.00375	0.03682	4.38490E-06	3.7589E-03	610889.43	4206029.03	17018.7068	0.00106	0.03682	4.38490E-06	1.0682E-03
610896.43	4206029.03	16036.87043	0.00354	0.03607	4.29558E-06	3.5422E-03	610896.43	4206029.03	16036.87043	0.00100	0.03607	4.29558E-06	1.0068E-03
610903.43	4206029.03	15146.02668	0.00334	0.03535	4.20984E-06	3.3456E-03	610903.43	4206029.03	15146.02668	0.00095	0.03535	4.20984E-06	9.5099E-04
610910.43	4206029.03	14314.64664	0.00316	0.03465	4.12647E-06	3.1665E-03	610910.43	4206029.03	14314.64664	0.00089	0.03465	4.12647E-06	9.0018E-04
610917.43	4206029.03	13592.91615	0.00300	0.03398	4.04668E-06	3.0028E-03	610917.43	4206029.03	13592.91615	0.00085	0.03398	4.04668E-06	8.5374E-04
610924.43	4206029.03	12912.54133	0.00285	0.03333	3.96927E-06	2.8527E-03	610924.43	4206029.03	12912.54133	0.00081	0.03333	3.96927E-06	8.1113E-04
610931.43	4206029.03	12286.4061	0.00271	0.03271	3.89544E-06	2.7144E-03	610931.43	4206029.03	12286.4061	0.00077	0.03271	3.89544E-06	7.7192E-04
610938.43	4206029.03	11708.66691	0.00258	0.03210	3.82279E-06	2.5869E-03	610938.43	4206029.03	11708.66691	0.00073	0.03210	3.82279E-06	7.3573E-04
610945.43	4206029.03	11174.03478	0.00247	0.03151	3.75253E-06	2.4689E-03	610945.43	4206029.03	11174.03478	0.00070	0.03151	3.75253E-06	7.0224E-04
610952.43	4206029.03	10678.04618	0.00236	0.03095	3.68584E-06	2.3594E-03	610952.43	4206029.03	10678.04618	0.00067	0.03095	3.68584E-06	6.7117E-04
610987.43	4206029.03	8657.23228	0.00191	0.02835	3.37620E-06	1.9133E-03	610987.43	4206029.03	8657.23228	0.00054	0.02835	3.37620E-06	5.4454E-04
610994.43	4206029.03	8326.1326	0.00184	0.02788	3.32023E-06	1.8402E-03	610994.43	4206029.03	8326.1326	0.00052	0.02788	3.32023E-06	5.2380E-04
611001.43	4206029.03	8015.05025	0.00177	0.02742	3.26545E-06	1.7715E-03	611001.43	4206029.03	8015.05025	0.00050	0.02742	3.26545E-06	5.0429E-04
611008.43	4206029.03	7721.81803	0.00170	0.02697	3.21186E-06	1.7068E-03	611008.43	4206029.03	7721.81803	0.00048	0.02697	3.21186E-06	4.8590E-04
611015.43	4206029.03	7445.12983	0.00164	0.02654	3.16065E-06	1.6457E-03	611015.43	4206029.03	7445.12983	0.00047	0.02654	3.16065E-06	4.6858E-04
611022.43	4206029.03	7183.85761	0.00158	0.02612	3.11063E-06	1.5880E-03	611022.43	4206029.03	7183.85761	0.00045	0.02612	3.11063E-06	4.5217E-04
611029.43	4206029.03	6936.6255	0.00153	0.02571	3.06181E-06	1.5334E-03	611029.43	4206029.03	6936.6255	0.00043	0.02571	3.06181E-06	4.3667E-04
611036.43	4206029.03	6702.52943	0.00148	0.02531	3.01417E-06	1.4817E-03	611036.43	4206029.03	6702.52943	0.00042	0.02531	3.01417E-06	4.2199E-04
611043.43	4206029.03	6480.54881	0.00143	0.02492	2.96773E-06	1.4327E-03	611043.43	4206029.03	6480.54881	0.00041	0.02492	2.96773E-06	4.0807E-04
611050.43	4206029.03	6269.85816	0.00138	0.02454	2.92247E-06	1.3861E-03	611050.43	4206029.03	6269.85816	0.00039	0.02454	2.92247E-06	3.9485E-04
611057.43	4206029.03	6069.70518	0.00134	0.02418	2.87960E-06	1.3419E-03	611057.43	4206029.03	6069.70518	0.00038	0.02418	2.87960E-06	3.8230E-04
611064.43	4206029.03	5879.29358	0.00130	0.02382	2.83673E-06

611043.43	4206036.03	7006.58159	0.00155	0.02545	3.03084E-06	1.5488E-03	611043.43	4206036.03	7006.58159	0.00044	0.02545	3.03084E-06	4.14101E-04		
611050.43	4206036.03	6770.82722	0.00149	0.02506	2.98440E-06	1.49677E-03	611050.43	4206036.03	6770.82722	0.00042	0.02506	2.98440E-06	4.26231E-04		
611057.43	4206036.03	6547.21836	0.00144	0.02468	2.93914E-06	1.44736E-03	611057.43	4206036.03	6547.21836	0.00041	0.02468	2.93914E-06	4.12231E-04		
611064.43	4206036.03	6334.88741	0.00140	0.02432	2.89627E-06	1.40055E-03	611064.43	4206036.03	6334.88741	0.00040	0.02432	2.89627E-06	3.98899E-04		
611071.43	4206036.03	6133.05944	0.00135	0.02396	2.85340E-06	1.35595E-03	611071.43	4206036.03	6133.05944	0.00038	0.02396	2.85340E-06	3.86233E-04		
611078.43	4206036.03	5941.08012	0.00131	0.02362	2.81291E-06	1.31355E-03	611078.43	4206036.03	5941.08012	0.00037	0.02362	2.81291E-06	3.74139E-04		
610294.43	4206043.03	7907.00123	0.00174	0.28870	3.43813E-05	1.77888E-03	610294.43	4206043.03	7907.00123	0.00049	0.28870	3.43813E-05	5.2865E-04		
610301.43	4206043.03	8231.80088	0.00182	0.28710	3.41908E-05	1.85020E-03	610301.43	4206043.03	8231.80088	0.00051	0.28710	3.41908E-05	5.48760E-04		
610308.43	4206043.03	8576.09297	0.00189	0.28545	3.39943E-05	1.92606E-03	610308.43	4206043.03	8576.09297	0.00054	0.28545	3.39943E-05	5.7009E-04		
610315.43	4206043.03	8940.60493	0.00197	0.28373	3.37894E-05	2.00626E-03	610315.43	4206043.03	8940.60493	0.00056	0.28373	3.37894E-05	5.92676E-04		
610322.43	4206043.03	9326.9135	0.00205	0.28194	3.35763E-05	2.09121E-03	610322.43	4206043.03	9326.9135	0.00058	0.28194	3.35763E-05	6.16608E-04		
610329.43	4206043.03	9736.57153	0.00215	0.28009	3.33560E-05	2.18140E-03	610329.43	4206043.03	9736.57153	0.00061	0.28009	3.33560E-05	6.4199E-04		
610336.43	4206043.03	10171.3274	0.00224	0.27816	3.31261E-05	2.27716E-03	610336.43	4206043.03	10171.3274	0.00064	0.27816	3.31261E-05	6.68084E-04		
610343.43	4206043.03	10634.55433	0.00235	0.27619	3.28915E-05	2.37903E-03	610343.43	4206043.03	10634.55433	0.00066	0.27619	3.28915E-05	6.97656E-04		
610350.43	4206043.03	11129.19218	0.00246	0.27420	3.26545E-05	2.48790E-03	610350.43	4206043.03	11129.19218	0.00070	0.27420	3.26545E-05	7.28344E-04		
610357.43	4206043.03	11656.41232	0.00257	0.27215	3.24104E-05	2.60408E-03	610357.43	4206043.03	11656.41232	0.00073	0.27215	3.24104E-05	7.61025E-04		
610364.43	4206043.03	12217.13153	0.00270	0.27001	3.21555E-05	2.72724E-03	610364.43	4206043.03	12217.13153	0.00076	0.27001	3.21555E-05	7.9585E-04		
610371.43	4206043.03	12815.81225	0.00283	0.26780	3.18923E-05	2.85922E-03	610371.43	4206043.03	12815.81225	0.00080	0.26780	3.18923E-05	8.33010E-04		
610378.43	4206043.03	13454.65586	0.00297	0.26550	3.16184E-05	2.99998E-03	610378.43	4206043.03	13454.65586	0.00084	0.26550	3.16184E-05	8.7267E-04		
610385.43	4206043.03	14135.89148	0.00312	0.26308	3.13302E-05	3.14990E-03	610385.43	4206043.03	14135.89148	0.00088	0.26308	3.13302E-05	9.14976E-04		
610392.43	4206043.03	14865.10153	0.00328	0.26059	3.10337E-05	3.31035E-03	610392.43	4206043.03	14865.10153	0.00093	0.26059	3.10337E-05	9.60025E-04		
610399.43	4206043.03	15645.42992	0.00345	0.25799	3.07241E-05	3.48238E-03	610399.43	4206043.03	15645.42992	0.00098	0.25799	3.07241E-05	1.0087E-03		
610406.43	4206043.03	16481.24744	0.00364	0.25529	3.04025E-05	3.66664E-03	610406.43	4206043.03	16481.24744	0.00103	0.25529	3.04025E-05	1.0607E-03		
610413.43	4206043.03	17376.0975	0.00383	0.25246	3.00655E-05	3.86358E-03	610413.43	4206043.03	17376.0975	0.00109	0.25246	3.00655E-05	1.1162E-03		
610420.43	4206043.03	18335.08415	0.00404	0.24952	2.97154E-05	4.0747E-03	610420.43	4206043.03	18335.08415	0.00115	0.24952	2.97154E-05	1.1758E-03		
610427.43	4206043.03	19365.35528	0.00427	0.24646	2.93510E-05	4.30166E-03	610427.43	4206043.03	19365.35528	0.00121	0.24646	2.93510E-05	1.2399E-03		
610434.43	4206043.03	20473.452	0.00451	0.24330	2.89746E-05	4.54537E-03	610434.43	4206043.03	20473.452	0.00128	0.24330	2.89746E-05	1.3088E-03		
610441.43	4206043.03	21666.89161	0.00478	0.24003	2.85852E-05	4.80866E-03	610441.43	4206043.03	21666.89161	0.00135	0.24003	2.85852E-05	1.3830E-03		
610448.43	4206043.03	22951.99793	0.00506	0.23664	2.81815E-05	5.09178E-03	610448.43	4206043.03	22951.99793	0.00143	0.23664	2.81815E-05	1.4629E-03		
610455.43	4206043.03	24341.53934	0.00537	0.23316	2.77671E-05	5.3978E-03	610455.43	4206043.03	24341.53934	0.00152	0.23316	2.77671E-05	1.5494E-03		
610462.43	4206043.03	25844.26268	0.00570	0.22956	2.73383E-05	5.72869E-03	610462.43	4206043.03	25844.26268	0.00162	0.22956	2.73383E-05	1.6429E-03		
610469.43	4206043.03	27470.15173	0.00606	0.22586	2.68977E-05	6.08726E-03	610469.43	4206043.03	27470.15173	0.00172	0.22586	2.68977E-05	1.7441E-03		
610476.43	4206043.03	29236.79127	0.00645	0.22205	2.64440E-05	6.47656E-03	610476.43	4206043.03	29236.79127	0.00183	0.22205	2.64440E-05	1.8540E-03		
610483.43	4206043.03	31157.86262	0.00687	0.21815	2.59795E-05	6.8098E-03	610483.43	4206043.03	31157.86262	0.00195	0.21815	2.59795E-05	1.9737E-03		
610497.43	4206043.03	35544.43342	0.00784	0.21008	2.50185E-05	7.86668-03	610497.43	4206043.03	35544.43342	0.00222	0.21008	2.50185E-05	2.2469E-03		
610504.43	4206043.03	38056.62895	0.00840	0.20591	2.45218E-05	8.42018-03	610504.43	4206043.03	38056.62895	0.00238	0.20591	2.45218E-05	2.4034E-03		
610511.43	4206043.03	40817.49933	0.00900	0.20166	2.40157E-05	9.02886-03	610511.43	4206043.03	40817.49933	0.00255	0.20166	2.40157E-05	2.5755E-03		
610518.43	4206043.03	43858.15792	0.00968	0.19732	2.34989E-05	9.69926-03	610518.43	4206043.03	43858.15792	0.00274	0.19732	2.34989E-05	2.7651E-03		
610525.43	4206043.03	47228.39251	0.01042	0.19292	2.29749E-05	1.04422E-02	610525.43	4206043.03	47228.39251	0.00295	0.19292	2.29749E-05	2.9752E-03		
610532.43	4206043.03	50976.15598	0.01125	0.18845	2.24425E-05	1.12688-02	610532.43	4206043.03	50976.15598	0.00319	0.18845	2.24425E-05	3.2090E-03		
610539.43	4206043.03	55165.05326	0.01217	0.18393	2.19042E-05	1.21926-02	610539.43	4206043.03	55165.05326	0.00345	0.18393	2.19042E-05	3.4703E-03		
610546.43	4206043.03	59874.76977	0.01321	0.17936	2.13602E-05	1.32316-02	610546.43	4206043.03	59874.76977	0.00374	0.17936	2.13602E-05	3.7641E-03		
610553.43	4206043.03	65206.4371	0.01439	0.17475	2.08110E-05	1.44066-02	610553.43	4206043.03	65206.4371	0.00408	0.17475	2.08110E-05	4.0969E-03		
610560.43	4206043.03	71291.13275	0.01573	0.17012	2.02596E-05	1.57486-02	610560.43	4206043.03	71291.13275	0.00446	0.17012	2.02596E-05	4.4767E-03		
610567.43	4206043.03	78327.51153	0.01728	0.16547	1.97058E-05	1.73026-02	610567.43	4206043.03	78327.51153	0.00490	0.16547	1.97058E-05	4.9160E-03		
610574.43	4206043.03	86539.99552	0.01909	0.16081	1.91509E-05	1.91116-02	610574.43	4206043.03	86539.99552	0.00541	0.16081	1.91509E-05	5.4288E-03		
610581.43	4206043.03	96232.52241	0.02123	0.15615	1.85935E-05	2.12486-02	610581.43	4206043.03	96232.52241	0.00602	0.15615	1.85935E-05	6.0341E-03		
610588.43	4206043.03	107876.1587	0.02380	0.15150	1.80422E-05	2.38176-02	610588.43	4206043.03	107876.1587	0.00674	0.15150	1.80422E-05	6.7614E-03		
610595.43	4206043.03	122051.0159	0.02693	0.14686	1.74806E-05	2.69441-02	610595.43	4206043.03	122051.0159	0.00763	0.14686	1.74806E-05	7.6469E-03		
610602.43	4206043.03	139526.7461	0.03078	0.14225	1.69406E-05	3.07988-02	610602.43	4206043.03	139526.7461	0.00872	0.14225	1.69406E-05	8.7388E-03		
610609.43	4206043.03	160378.4083	0.03538	0.13768	1.63963E-05	3.53988-02	610609.43	4206043.03	160378.4083	0.01003	0.13768	1.63963E-05	1.0042E-02		
610777.43	4206043.03	129944.4748	0.02867	0.05796	6.90246E-06	2.86764-02	610777.43	4206043.03	129944.4748	0.00812	0.05796	6.90246E-06	8.1298E-03		
610784.43	4206043.03	114370.0001	0.02523	0.05620	6.69286E-06	2.52386-02	610784.43	4206043.03	114370.0001	0.00715	0.05620	6.69286E-06	7.1560E-03		
610791.43	4206043.03	96899.83197	0.02138	0.05455	6.49637E-06	2.13846-02	610791.43	4206043.03	96899.83197	0.00606	0.05455	6.49637E-06	6.0637E-03		
610798.43	4206043.03	82003.41088	0.01809	0.05298	6.30939E-06	1.80976-02	610798.43	4206043.03	82003.41088	0.00513	0.05298	6.30939E-06	5.1324E-03		
610805.43	4206043.03	70208.96539	0.01549	0.05151	6.13433E-06	1.54956-02	610805.43	4206043.03	70208.96539	0.00439	0.05151	6.13433E-06	4.3949E-03		
610840.43	4206043.03	38371.77179	0.00847	0.04522	5.38526E-06	8.47076-03	610840.43	4206043.03	38371.77179	0.00240	0.04522	5.38526E-06	2.4040E-03		
610847.43	4206043.03	34861.62377	0.00769	0.04414	5.25664E-06	7.69626-03	610847.43	4206043.03	34861.62377	0.00218	0.04414	5.25664E-06	2.1845E-03		
610854.43	4206043.03	31860.56543	0.00703	0.04312	5.13517E-06	7.03406-03	610854.43	4206043.03	31860.56543	0.00199	0.04312	5.13517E-06	1.9967E-03		
610861.43	4206043.03	29268.19243	0.00646	0.04214	5.01846E-06	6.46206-03	610861.43	4206043.03	29268.19243	0.00183	0.04214	5.01846E-06	1.8346E-03		
610868.43	4206043.03	27010.06835	0.00596	0.04120	4.90651E-06	5.96376-03	610868.43	4206043.03	27010.06835	0.00169	0.04120	4.90651E-06	1.6933E-03		
610875.43	4206043.03	25028.34207	0.00552	0.04030	4.79933E-06	5.52646-03	610875.43	4206043.03	25028.34207	0.00156	0.04030	4.79933E-06	1.5693E-03		
610882.43	4206043.03	23277.3097	0.00514	0.03944	4.69691E-06	5.14086-03	610882.43	4206043.03	23277.3097	0.00146	0.03944	4.69691E-06	1.4598E-03		
610889.43	4206043.03	21720.67568	0.00479	0.03861	4.59807E-06	4.79656-03	610889.43	4206043.03	21720.67568	0.00136	0.03861	4.59807E-06	1.3624E-03		
610896.43	4206043.03	20328.99912	0.00448	0.03781	4.50280E-06	4.48946-03	610896.43	4206043.03	20328.99912	0.00127	0.03781	4.50280E-06	1.2753E-03		
610903.43	4206043.03	19078.73631	0.00421	0.03704	4.41110E-06	4.21346-03	610903.43	4206043.03	19078.73631	0.00119	0.03704	4.41110E-06	1.1970E-03		
610910.43	4206043.03	17950.25502	0.00396	0.03630	4.32297E-06	3.96446-03	610910.43	4206043.03	17950.25502	0.00112	0.03630	4.32297E-06	1.1264E-03		
610917.43	4206043.03	16927.23196	0.00373	0.03559	4.23842E-06	3.73866-03	610917.43	4206043.03	16927.23196	0.00106	0.03559	4.23842E-06	1.0624E-03		
610924.43	4206043.03	15996.13448	0.00353	0.03490	4.15625E-06	3.53316-03	610924.43	4206043.03	15996.13448	0.00100	0.03490	4.15625E-06	1.0041E-03		
610931.43	4206043.03	15145.70393	0.00334	0.03423	4.07645E-06	3.34546-03	610931.43	4206043.03	15145.70393	0.00095	0.03423	4.07645E-06	9.5084E-04		
610938.43	4206043.03	14366.33533	0.00317	0.03359	4.00024E-06	3.17346-03	610938.43	4206043.03	14366.33533	0.00090	0.03359	4.00024E-06	9.0204E-04		
610966.43	4206043.03	11812.80102	0.00261	0.03121	3.71680E-06	2.60986-03	610966.43	4206043.03	11812.80102	0.00074	0.03121	3.71680E-06	7.4214E-04		
610973.43	4206043.03	11287.06212	0.00249	0.03066	3.65132E-06	2.49376-03	610973.43	4206043.03	11287.06212	0.00071	0.03066	3.65132E-06	7.0921E-04		
610294.43	4206050.03	7813.06624	0.00172	0.30002	3.57294E-05	1.75946-03	610294.43	4206050.03	7813.06624	0.00049	0.30002	3.57294E-05	5.2413E-04		
610301.43	4206050.03	8135.18581	0.00179	0.29842	3.55389E-05	1.83036-03	610301.43	4206050.03	8135.18581	0.00051	0.29842	3.55389E-05	5.4407E-04		
610308.43	4206050.03	8476.01497	0.00187	0.29677	3.53424E-05	1.90516-03	610308.43	4206050.03	8476.01497	0.00053	0.29677	3.53424E-05	5.6518E-04		
610315.43	4206050.03	8837.2143	0.00195	0.29504	3.51363E-05	1.98476-03	610315.43	4206050.03	8837.2143	0.00055	0.29504	3.51363E-05	5.8755E-04		
610322.43	4206050.03	9220.07604	0.00203	0.29325	3.49232E-05	2.06906-03	610322.43	4206050.03	9220.07604	0.00058	0.29325	3.49232E-05	6.1127E-04		
610329.43	4206050.03	9626.35848	0.00212	0.29138	3.47005E-05	2.15846-03	610329.43	4206050.03	9626.35848	0.00060	0.29138	3.47005E-05	6.3645E-04		
610336.43	4206050.03	10057.68838	0.00222	0.28945	3.44706E-05	2.25336-03	610336.43	4206050.03	10057.68838	0.00063	0.28945	3.44706E-05	6.6318E-04		
610343.43	4206050.03	10516.82394	0.00232	0.28745	3.42325E-05	2.35446-03	610343.43	4206050.03	10516.82394	0.00066	0.28745	3.42325E-05	6.9164E-04		
610350.43	4206050.03	11008.14541	0.00243	0.28546	3.39955E-05	2.46256-03	610350.43	4206050.03	11008.14541	0.00069	0.28546	3.39955E-05	7.2212E-04		
610357.43	4206050.03	11531.30933	0.00254	0.28338	3.37478E-05	2.57776-03	610357.43	4206050.03	11531.30933	0.00072	0.28338	3.37478E-05	7.5457E-04		
610364.43	4206050.03	12088.94079	0.00267	0.28121	3.34893E-05	2.70056-03	610364.43	4206050.03	12088.94079	0.00076	0.28121	3.34893E-05	7.8917E-04		
610371.43	4206050.03	12683.74063	0.00280	0.27896	3.32214E-05	2.83146-03	610371.43	4206050.03	12683.74063	0.00079	0.27896	3.32214E-05	8.2608E-04		
610378.43	4206050.03	13318.89238	0.00294	0.27661	3.29415E-05	2.97136-03	610378.43	4206050.03	13318.89238	0.00083	0.27661	3.29415E-05	8.6551E-04		
610385.43	4206050.03	13996.63097	0.00309	0.27414	3.26474E-05	3.12056-03	610385.43	4206050.03	13996.63097	0.00087	0.27414	3.26474E-05	9.0734E-04		
610392.43	4206050.03	14722.63472	0.00325	0.27159	3.23437E-05	3.28046-03	610392.43	4206050.03	14722.63472	0.00092	0.27159	3.23437E-05	9.5266E-04		
610399.43	4206050.03	15500.06307	0.00342	0.26893	3.20269E-05	3.45186-03	610399.43	4206050.03	15500.06307	0.00097	0.26893	3.20269E-05	1.0009E-03		
610406.43	4206050.03	16333.29649	0.00360	0.26616	3.16970E-05	3.63506-03	610406.43	4206050.03	16333.29649	0.00102	0.26616	3.16970E-05	1.0527E-03		
610413.43	4206050.03	17227.39973	0.00380	0.26322	3.13529E-05	3.83206-03	610413.43	4206050.03	17227.39973	0.00108	0.26322	3.13529E-05	1.1082E-03		
610420.43	4206050.03	18187.77944	0.00401	0.26027	3.09956E-05	4.04356-03	610420.43	4206050.03	18187.77944	0.00114	0.26027	3.09956E-05	1.1679E-03		
610427.43	4206050.03	19220.52561	0.00424	0.25715	3.06240E-05	4.27086-03	610427.43	4206050.03	19220.52561	0.00120	0.25715	3.06240E-05	1.2321E-03		
610434.43	4206050.03	20330.88980	0.00449	0.25391	3.02382E-05	4.51556-03	610434.43	4206050.03	20330.88980	0.00127	0.25391	3.02382E-05	1.3031E-03		
610441.43	4206050.03	21527.87126	0.00475	0.25055	2.98380E-05	4.77926-03	610441.43	4206050.03	21527.87126	0.00135	0.25055	2.98380E-05	1.3795E-03		
610448.43	4206050.03	22821.55704	0.00503	0.24708	2.94248E-05	5.06426-03	610448.43	4206050.03	22821.55704	0.00143	0.24708	2.94248E-05	1.4560E-03		
610455.43	4206050.03	24218.26273	0.00534	0.24348	2.89861E-05	5.37186-03	610455.43	4206050.03	24218.26273	0.00151	0.24348	2.89861E-05	1.5428E-03		
610462.43	4206050.03	25732.3733	0.00568	0.23978	2.85554E-05	5.70556-03	610462.43	4206050.03	25732.3733	0.00161	0.23978	2.85554E-05	1.6371E-03		
610469.43	4206050.03	27372.12241	0.00604	0.23595	2.80993E-05	6.06686-03	610469.43	4206050.03	27372.12241	0.00171	0.23595	2.80993E-05	1.7391E-03		
610476.43	4206050.03	29155.98407	0.00643	0.23202	2.76313E-05	6.45986-03	610476.43	4206050.03	29155.98407	0.00182	0.23202	2.76313E-05	1.8502E-03		
610483.43	4206050.03	31095.45724	0.00686	0.22797	2.71490E-05	6.88726-03	610483.43	4206050.03	31095.45724	0.00194	0.22797	2.71490E-05	1.9709E-03		
610497.43	4206050.03	35531.57084	0.00784	0.21958	2.61498E-05	7.86498-03	610497.43	4206050.03	35531.57084	0.00222	0.21958	2.61498E-05	2.2472E-03		
610504.43	4206050.03	38073.16229	0.00840	0.21523	2.56318E-05	8.42516-03	610504.43	4206050.03	38073.16229	0.00238	0.21523	2.56318E-05	2.4056E-03		
610511.43	4206050.03	40869.24688	0.00902	0.21078	2.51018E-05	9.04146-03	610511.43	4206050.03	40869.24688	0.00255	0.21078	2.51018E-05	2.5798E-03		
610518.43	4206050.03	43955.63047	0.00970	0.20625	2.45623E-05	9.7218E-03	610518.43	4206050.03	43955.63047	0.00275	0.20625	2.45623E-05	2.7722E-03		
610525.43	4206050.03	47375.97723	0.01045	0.20165	2.40145E-05	1.0476E-02	610525.43	4206050.03	47375.97723	0.00296	0.20165	2.40145E-05	2.9855E-03		
610532.43	4206050.03	51183.08273	0.01129	0.19697	2.34572E-05	1.13156-02	610532.43	4206050.03	51183.08273	0.00320	0.19697	2.34572E-05	3.2229E-03		
610539.43	4206050.03	55442.70543	0.01223	0.19222	2.28915E-05	1.22546-02	610539.43	4206050.03	55442.70543	0.00347	0.19222	2.28915E-05	3.4888E-03		
610546.43	4206050.03	60236.53157	0.01329	0.18742	2.23199E-05	1.33116-02	610546.43	4206050.03	60236.53157	0.00377	0.18742	2.23199E-05	3.7877E-03		
610553.43	4206050.03	65675.68629	0.01449	0.18258	2.17455E-05	1.45116-02	610553.43	4206050.03	65675.68629	0.00411	0.18258	2.17455E-05	4.1271E-03		
610560.43	4206050.03	71881.3515	0.01586	0.17770	2.11623E-05	1.5878E-02	610560.43	4206050.03	71881.3515	0.00449	0.17770	2.11623E-05	4.5145E-03		
610567.43	4206050.03	79073.46987	0.01744	0.17281	2.05800E-05	1.74656-02	610567.43	4206050.03	79073.46987	0.00494	0.17281	2.05800E-05	4.9635E-03		
610574.43	4206050.03	87475.93821	0.01930	0.16790	1.99952E-05	1.93186-02	610574.43	4206050.03	87475.93821	0.00547	0.16790	1.99952E-05	5.4881E-03		
610581.43	4206050.03	97400.3248	0.02149	0.16299	1.94105E-05	2.15076-02	610581.43	4206050.03	97400.3248	0.00609	0.16299	1.94105E-05	6.1079E-03		
610588.43	4206050.03	109330.311	0.02412	0.15808	1.88258E-05	2.41356-02	610588.43	4206050.03	109330.311	0.00683	0.15808	1.88258E-05	6.8531E-03		
610595.43	4206050.03	123879.5494	0.02733	0.15318	1.82422E-05	2.73486-02	610595.43	4206050.03	123879.5494	0.00774	0.15318	1.82422E-05	7.7620E-03		
610602.43	4206050.03	141773.6122	0.03128	0.14831	1.76623E-05	3.12956-02	610602.43	4206050.03	141773.6122	0.00886	0.14831	1.76623E-05	8.8800E-03		
610609.43	4206050.03	163151.0283	0.03599	0.14348	1.70870E-05	3.60106-02	610609.43	4206050.03	163151.0283	0.01020	0.14348	1.70870E-05	1.0216E-02		
610777.43	4206050.03	158472.5895	0.03496	0.05958	7.09539E-06	3.49686-02	610777.43	4206050.03	158472.5895	0.00991	0.05958	7.09539E-06	9.9132E-03		
610784.43	4206050.03	138926.2574	0.03065	0.05776	6.87865E-06	3.06566-02	610784.43	4206050.03	138926.2574	0.00868	0.05776	6.87865E-06	8.6912E-03		
610791.43	4206050.03	117140.2135	0.02584	0.05604	6.67381E-06	2.58486-02	610791.43	4206050.03	117140.2135	0.00732	0.05604	6.67381E-06	7.3291E-03		
610798.43	4206050.03	98541.6078	0.02174	0.05442	6.48088E-06	2.17466-02	610798.43	4206050.03	98541.6078	0.00616	0.05442	6.48088E-06	6.1663E-03		
610805.43	4206050.03	83797.48981	0.01849	0.05289	6.29868E-06	1.84936-02	610805.43	4206050.03	83797.48981	0.00524	0.05289	6.29868E-06	5.2466E-03		
610812.43	4206050.03	72197.18118	0.01593	0.05145	6.12719E-06	1.59346-02	610812.43	4206050.03	72197.18118	0.00451	0.05145	6.12719E-06	4.5192E-03		
610833.43	4206050.03	49445.39502	0.01091	0.04756	5.66393E-06	1.09146-02	610833.43	4206050.03	49445.39502	0.00309	0.04756	5.66393E-06	3.0965E-03		
610840.43	4206050.03	44380.98354	0.00979	0.04639	5.52459E-06	9.79686-03	610840.43	4206050.03	44380.98354	0.00277	0.04639	5.52459E-06	2.7798E-03		
610847.43	4206050.03	40120.74165	0.00885	0.04528	5.39240E-06	8.85666-03	610847.43	4206050.03	40120.74165	0.00251	0.04528	5.39240E-06	2.5133E-03		
610854.43	4206050.03	36497.97977	0.00805	0.04422	5.26616E-06	8.05726-03	610854.43	4206050.03	36497.97977	0.00228	0.04422	5.26616E-06	2.2868E-03		
610861.43	4206050.03	33385.86702	0.00737	0.04321	5.14588E-06	7.37056-03	610861.43	4206050.03	33385.86702	0.00209	0.04321	5.14588E-06	2.0921E-03		
610868.43	4206050.03	30689.04026	0.00677	0.04224	5.03037E-06	6.77556-03	610868.43	4206050.03	30689.04026	0.00192	0.04224	5.03037E-06	1.9234E-03		
610875.43	4206050.03	28333.48356	0.00625	0.04131	4.91961E-06	6.25576-03	610875.43	4206050.03	28333.48356	0.00177	0.04131	4.91961E-06	1.7761E-03		
610882.43	4206050.03	26261.38303	0.00579	0.04042	4.81362E-06	5.79846-03	610882.43	4206050.03	26261.38303	0.00164	0.04042	4.81362E-06	1.6464E-03		
610889.43	4206050.03	24427.01192	0.00539	0.03956	4.71121E-06	5.39366-03	610889.43	4206050.03	24427.01192	0.00153	0.03956	4.71121E-06	1.5316E-03		
610896.43	4206050.03	22793.77962	0.00503	0.03874	4.61355E-06	5.03126-03	610896.43	4206050.03	22793.77962	0.00142	0.03874	4.61355E-06	1.4295E-03		
610903.43	4206050.03	21331.8119	0.00471	0.03795	4.51947E-06	4.71066-03	610903.43	4206050.03	21331.8119	0.00133	0.03795	4.51947E-06	1.3380E-03		
610910.43	4206050.03	20016.76374	0.00442	0.03718	4.42777E-06	4.42046-03	610910.43	4206050.03	20016.76374	0.00125	0.03718	4.42777E-06	1.

610896.43	4206057.03	25451.10631	0.00561	0.03972	4.73026E-06	5.619E-03	610896.43	4206057.03	25451.10631	0.00159	0.03972	4.73026E-06	1.5957E-03
610903.43	4206057.03	23760.37581	0.00524	0.03890	4.63261E-06	5.2465E-03	610903.43	4206057.03	23760.37581	0.00149	0.03890	4.63261E-06	1.4899E-03
610910.43	4206057.03	22243.62416	0.00491	0.03811	4.53852E-06	4.9118E-03	610910.43	4206057.03	22243.62416	0.00139	0.03811	4.53852E-06	1.3950E-03
610917.43	4206057.03	20876.77212	0.00461	0.03735	4.44802E-06	4.6101E-03	610917.43	4206057.03	20876.77212	0.00131	0.03735	4.44802E-06	1.3095E-03
610924.43	4206057.03	19639.8472	0.00433	0.03661	4.35989E-06	4.3372E-03	610924.43	4206057.03	19639.8472	0.00123	0.03661	4.35989E-06	1.2321E-03
610931.43	4206057.03	18516.25161	0.00408	0.03590	4.27534E-06	4.0892E-03	610931.43	4206057.03	18516.25161	0.00116	0.03590	4.27534E-06	1.1617E-03
610938.43	4206057.03	17491.83393	0.00386	0.03522	4.19435E-06	3.8631E-03	610938.43	4206057.03	17491.83393	0.00109	0.03522	4.19435E-06	1.0976E-03
610945.43	4206057.03	14903.94836	0.00329	0.03329	3.96451E-06	3.2920E-03	610945.43	4206057.03	14903.94836	0.00093	0.03329	3.96451E-06	9.3561E-04
610966.43	4206057.03	14174.0833	0.00313	0.03269	3.89306E-06	3.1309E-03	610966.43	4206057.03	14174.0833	0.00089	0.03269	3.89306E-06	8.8992E-04
610973.43	4206057.03	13499.05987	0.00298	0.03211	3.82398E-06	2.9819E-03	610973.43	4206057.03	13499.05987	0.00084	0.03211	3.82398E-06	8.4765E-04
610980.43	4206057.03	12873.21489	0.00284	0.03154	3.75610E-06	2.8438E-03	610980.43	4206057.03	12873.21489	0.00080	0.03154	3.75610E-06	8.0846E-04
610987.43	4206057.03	12291.70544	0.00271	0.03100	3.69179E-06	2.7154E-03	610987.43	4206057.03	12291.70544	0.00077	0.03100	3.69179E-06	7.7205E-04
610994.43	4206057.03	11750.27869	0.00259	0.03047	3.62868E-06	2.5959E-03	610994.43	4206057.03	11750.27869	0.00073	0.03047	3.62868E-06	7.3834E-04
611001.43	4206057.03	11245.23949	0.00248	0.02995	3.56675E-06	2.4844E-03	611001.43	4206057.03	11245.23949	0.00070	0.02995	3.56675E-06	7.0651E-04
611008.43	4206057.03	10773.21686	0.00238	0.02946	3.50839E-06	2.3802E-03	611008.43	4206057.03	10773.21686	0.00067	0.02946	3.50839E-06	6.7694E-04
611015.43	4206057.03	10331.30501	0.00228	0.02897	3.45004E-06	2.2827E-03	611015.43	4206057.03	10331.30501	0.00065	0.02897	3.45004E-06	6.4926E-04
611022.43	4206057.03	9917.00745	0.00219	0.02850	3.39407E-06	2.1912E-03	611022.43	4206057.03	9917.00745	0.00062	0.02850	3.39407E-06	6.2331E-04
611029.43	4206057.03	9527.93604	0.00210	0.02805	3.34048E-06	2.1051E-03	611029.43	4206057.03	9527.93604	0.00060	0.02805	3.34048E-06	5.9893E-04
611036.43	4206057.03	9162.04135	0.00202	0.02760	3.28689E-06	2.0246E-03	611036.43	4206057.03	9162.04135	0.00057	0.02760	3.28689E-06	5.7601E-04
611043.43	4206057.03	8817.44742	0.00195	0.02717	3.23568E-06	1.9485E-03	611043.43	4206057.03	8817.44742	0.00055	0.02717	3.23568E-06	5.5442E-04
611050.43	4206057.03	8492.50373	0.00187	0.02676	3.18685E-06	1.8767E-03	611050.43	4206057.03	8492.50373	0.00053	0.02676	3.18685E-06	5.3405E-04
611057.43	4206057.03	8185.66711	0.00181	0.02635	3.13802E-06	1.8090E-03	611057.43	4206057.03	8185.66711	0.00051	0.02635	3.13802E-06	5.1483E-04
611064.43	4206057.03	7895.62637	0.00174	0.02596	3.09158E-06	1.7450E-03	611064.43	4206057.03	7895.62637	0.00049	0.02596	3.09158E-06	4.9665E-04
611071.43	4206057.03	7621.12081	0.00168	0.02557	3.04513E-06	1.6844E-03	611071.43	4206057.03	7621.12081	0.00048	0.02557	3.04513E-06	4.7944E-04
611078.43	4206057.03	7361.02075	0.00162	0.02520	3.00107E-06	1.6266E-03	611078.43	4206057.03	7361.02075	0.00046	0.02520	3.00107E-06	4.6314E-04
611085.43	4206057.03	7114.33283	0.00157	0.02484	2.95820E-06	1.5725E-03	611085.43	4206057.03	7114.33283	0.00044	0.02484	2.95820E-06	4.4768E-04
611092.43	4206057.03	6880.15926	0.00152	0.02448	2.91533E-06	1.5208E-03	611092.43	4206057.03	6880.15926	0.00043	0.02448	2.91533E-06	4.3308E-04
611094.43	4206064.03	7615.47714	0.00168	0.32481	3.86817E-05	1.7188E-03	611094.43	4206064.03	7615.47714	0.00048	0.32481	3.86817E-05	5.1473E-04
610301.43	4206064.03	7929.02453	0.00175	0.32321	3.84911E-05	1.7879E-03	610301.43	4206064.03	7929.02453	0.00050	0.32321	3.84911E-05	5.3419E-04
610308.43	4206064.03	8262.97833	0.00182	0.32155	3.82934E-05	1.8612E-03	610308.43	4206064.03	8262.97833	0.00052	0.32155	3.82934E-05	5.5481E-04
610315.43	4206064.03	8616.11807	0.00190	0.31982	3.80874E-05	1.9389E-03	610315.43	4206064.03	8616.11807	0.00054	0.31982	3.80874E-05	5.7668E-04
610322.43	4206064.03	8990.76209	0.00198	0.31801	3.78718E-05	2.0214E-03	610322.43	4206064.03	8990.76209	0.00056	0.31801	3.78718E-05	5.9989E-04
610329.43	4206064.03	9388.66008	0.00207	0.31613	3.76480E-05	2.1088E-03	610329.43	4206064.03	9388.66008	0.00059	0.31613	3.76480E-05	6.2453E-04
610336.43	4206064.03	9811.49773	0.00216	0.31417	3.74145E-05	2.2020E-03	610336.43	4206064.03	9811.49773	0.00061	0.31417	3.74145E-05	6.5070E-04
610343.43	4206064.03	10261.99294	0.00226	0.31215	3.71740E-05	2.3011E-03	610343.43	4206064.03	10261.99294	0.00064	0.31215	3.71740E-05	6.7865E-04
610350.43	4206064.03	10743.20599	0.00237	0.31009	3.69287E-05	2.4070E-03	610350.43	4206064.03	10743.20599	0.00067	0.31009	3.69287E-05	7.0849E-04
610357.43	4206064.03	11256.89098	0.00248	0.30796	3.66750E-05	2.5203E-03	610357.43	4206064.03	11256.89098	0.00070	0.30796	3.66750E-05	7.4035E-04
610364.43	4206064.03	11804.15867	0.00260	0.30571	3.64070E-05	2.6406E-03	610364.43	4206064.03	11804.15867	0.00074	0.30571	3.64070E-05	7.7429E-04
610371.43	4206064.03	12389.46745	0.00273	0.30339	3.61308E-05	2.7694E-03	610371.43	4206064.03	12389.46745	0.00077	0.30339	3.61308E-05	8.1060E-04
610378.43	4206064.03	13014.22445	0.00287	0.30094	3.58390E-05	2.9070E-03	610378.43	4206064.03	13014.22445	0.00081	0.30094	3.58390E-05	8.4936E-04
610385.43	4206064.03	13683.68731	0.00302	0.29840	3.55365E-05	3.0543E-03	610385.43	4206064.03	13683.68731	0.00086	0.29840	3.55365E-05	8.9091E-04
610392.43	4206064.03	14399.71972	0.00318	0.29573	3.52185E-05	3.2120E-03	610392.43	4206064.03	14399.71972	0.00090	0.29573	3.52185E-05	9.3535E-04
610399.43	4206064.03	15168.52217	0.00335	0.29296	3.48886E-05	3.3813E-03	610399.43	4206064.03	15168.52217	0.00095	0.29296	3.48886E-05	9.8308E-04
610406.43	4206064.03	15992.63731	0.00353	0.29005	3.45421E-05	3.5627E-03	610406.43	4206064.03	15992.63731	0.00100	0.29005	3.45421E-05	1.0342E-03
610413.43	4206064.03	16879.47606	0.00372	0.28703	3.41824E-05	3.7580E-03	610413.43	4206064.03	16879.47606	0.00106	0.28703	3.41824E-05	1.0859E-03
610420.43	4206064.03	17834.90284	0.00393	0.28390	3.38097E-05	3.9684E-03	610420.43	4206064.03	17834.90284	0.00111	0.28390	3.38097E-05	1.1487E-03
610427.43	4206064.03	18865.67751	0.00416	0.28065	3.34226E-05	4.1954E-03	610427.43	4206064.03	18865.67751	0.00118	0.28065	3.34226E-05	1.2127E-03
610434.43	4206064.03	19977.50476	0.00441	0.27726	3.30189E-05	4.4403E-03	610434.43	4206064.03	19977.50476	0.00125	0.27726	3.30189E-05	1.2838E-03
610441.43	4206064.03	21178.29114	0.00467	0.27373	3.25985E-05	4.7048E-03	610441.43	4206064.03	21178.29114	0.00132	0.27373	3.25985E-05	1.3565E-03
610448.43	4206064.03	22477.05385	0.00496	0.27007	3.21627E-05	4.9938E-03	610448.43	4206064.03	22477.05385	0.00141	0.27007	3.21627E-05	1.4372E-03
610455.43	4206064.03	23883.80448	0.00527	0.26627	3.17101E-05	5.3008E-03	610455.43	4206064.03	23883.80448	0.00149	0.26627	3.17101E-05	1.5247E-03
610462.43	4206064.03	25409.84315	0.00561	0.26233	3.12409E-05	5.6376E-03	610462.43	4206064.03	25409.84315	0.00159	0.26233	3.12409E-05	1.6198E-03
610469.43	4206064.03	27068.35338	0.00597	0.25826	3.07562E-05	6.0024E-03	610469.43	4206064.03	27068.35338	0.00169	0.25826	3.07562E-05	1.7228E-03
610476.43	4206064.03	28874.14449	0.00637	0.25405	3.02548E-05	6.4003E-03	610476.43	4206064.03	28874.14449	0.00180	0.25405	3.02548E-05	1.8352E-03
610483.43	4206064.03	30841.44032	0.00680	0.24960	2.9756E-05	6.8338E-03	610483.43	4206064.03	30841.44032	0.00193	0.24960	2.9756E-05	1.9579E-03
610490.43	4206064.03	32946.29229	0.00729	0.24490	2.91886E-05	7.2965E-03	610490.43	4206064.03	32946.29229	0.00206	0.24490	2.91886E-05	2.0909E-03
610497.43	4206064.03	35196.29229	0.00780	0.24002	2.86531E-05	7.8265E-03	610497.43	4206064.03	35196.29229	0.00221	0.24002	2.86531E-05	2.2382E-03
610504.43	4206064.03	37929.07491	0.00837	0.23587	2.80898E-05	8.3958E-03	610504.43	4206064.03	37929.07491	0.00237	0.23587	2.80898E-05	2.3990E-03
610511.43	4206064.03	40779.04109	0.00900	0.23103	2.75134E-05	9.0238E-03	610511.43	4206064.03	40779.04109	0.00255	0.23103	2.75134E-05	2.5768E-03
610518.43	4206064.03	43930.63862	0.00969	0.22608	2.69239E-05	9.7186E-03	610518.43	4206064.03	43930.63862	0.00275	0.22608	2.69239E-05	2.7730E-03
610525.43	4206064.03	47424.26579	0.01046	0.22103	2.63225E-05	1.0489E-02	610525.43	4206064.03	47424.26579	0.00296	0.22103	2.63225E-05	2.9908E-03
610532.43	4206064.03	51324.32135	0.01132	0.21589	2.57104E-05	1.1348E-02	610532.43	4206064.03	51324.32135	0.00321	0.21589	2.57104E-05	3.2368E-03
610539.43	4206064.03	55694.23586	0.01229	0.21066	2.50875E-05	1.2312E-02	610539.43	4206064.03	55694.23586	0.00348	0.21066	2.50875E-05	3.5065E-03
610546.43	4206064.03	60612.33292	0.01337	0.20536	2.4456E-05	1.3398E-02	610546.43	4206064.03	60612.33292	0.00379	0.20536	2.4456E-05	3.8133E-03
610553.43	4206064.03	66198.46429	0.01460	0.20000	2.38180E-05	1.4628E-02	610553.43	4206064.03	66198.46429	0.00414	0.20000	2.38180E-05	4.1619E-03
610560.43	4206064.03	72585.47362	0.01601	0.19459	2.31737E-05	1.6037E-02	610560.43	4206064.03	72585.47362	0.00454	0.19459	2.31737E-05	4.5605E-03
610567.43	4206064.03	80015.1033	0.01765	0.18916	2.25271E-05	1.7675E-02	610567.43	4206064.03	80015.1033	0.00500	0.18916	2.25271E-05	5.0248E-03
610574.43	4206064.03	88679.32517	0.01956	0.18369	2.18757E-05	1.9586E-02	610574.43	4206064.03	88679.32517	0.00554	0.18369	2.18757E-05	5.5652E-03
610581.43	4206064.03	98940.96403	0.02183	0.17821	2.12230E-05	2.1849E-02	610581.43	4206064.03	98940.96403	0.00618	0.17821	2.12230E-05	6.2060E-03
610588.43	4206064.03	111241.2647	0.02454	0.17272	2.05692E-05	2.4562E-02	610588.43	4206064.03	111241.2647	0.00695	0.17272	2.05692E-05	6.9743E-03
610595.43	4206064.03	126244.5114	0.02785	0.16725	1.99178E-05	2.7871E-02	610595.43	4206064.03	126244.5114	0.00789	0.16725	1.99178E-05	7.9115E-03
610602.43	4206064.03	144686.7943	0.03192	0.16179	1.92676E-05	3.1939E-02	610602.43	4206064.03	144686.7943	0.00904	0.16179	1.92676E-05	9.0637E-03
610609.43	4206064.03	166730.1393	0.03678	0.15637	1.86221E-05	3.6802E-02	610609.43	4206064.03	166730.1393	0.01042	0.15637	1.86221E-05	1.0441E-02
610777.43	4206064.03	203704.9216	0.04494	0.06308	7.51220E-06	4.4948E-02	610777.43	4206064.03	203704.9216	0.01273	0.06308	7.51220E-06	1.2741E-02
610784.43	4206064.03	179810.5884	0.03967	0.06111	7.27760E-06	3.9676E-02	610784.43	4206064.03	179810.5884	0.01124	0.06111	7.27760E-06	1.1247E-02
610791.43	4206064.03	153096.3852	0.03378	0.05927	7.05847E-06	3.3782E-02	610791.43	4206064.03	153096.3852	0.00957	0.05927	7.05847E-06	9.5771E-03
610798.43	4206064.03	129641.446	0.02860	0.05753	6.85125E-06	2.8608E-02	610798.43	4206064.03	129641.446	0.00810	0.05753	6.85125E-06	8.1108E-03
610805.43	4206064.03	110507.7372	0.02438	0.05589	6.65595E-06	2.4386E-02	610805.43	4206064.03	110507.7372	0.00691	0.05589	6.65595E-06	6.9145E-03
610812.43	4206064.03	95127.86323	0.02099	0.05434	6.47136E-06	2.0991E-02	610812.43	4206064.03	95127.86323	0.00595	0.05434	6.47136E-06	5.9529E-03
610819.43	4206064.03	82728.14558	0.01825	0.05288	6.29749E-06	1.8257E-02	610819.43	4206064.03	82728.14558	0.00517	0.05288	6.29749E-06	5.1776E-03
610833.43	4206064.03	64333.37535	0.01419	0.05017	5.97475E-06	1.4199E-02	610833.43	4206064.03	64333.37535	0.00402	0.05017	5.97475E-06	4.0275E-03
610840.43	4206064.03	57426.00482	0.01267	0.04893	5.82708E-06	1.2675E-02	610840.43	4206064.03	57426.00482	0.00359	0.04893	5.82708E-06	3.5955E-03
610847.43	4206064.03	51621.43456	0.01139	0.04774	5.68536E-06	1.1394E-02	610847.43	4206064.03	51621.43456	0.00323	0.04774	5.68536E-06	3.2326E-03
610854.43	4206064.03	46695.19235	0.01030	0.04660	5.54960E-06	1.0307E-02	610854.43	4206064.03	46695.19235	0.00292	0.04660	5.54960E-06	2.9245E-03
610861.43	4206064.03	42476.81581	0.00937	0.04552	5.42098E-06	9.3764E-03	610861.43	4206064.03	42476.81581	0.00266	0.04552	5.42098E-06	2.6607E-03
610868.43	4206064.03	38834.8452	0.00857	0.04448	5.29713E-06	8.5728E-03	610868.43	4206064.03	38834.8452	0.00243	0.04448	5.29713E-06	2.4329E-03
610875.43	4206064.03	35666.52334	0.00787	0.04349	5.17923E-06	7.8737E-03	610875.43	4206064.03	35666.52334	0.00223	0.04349	5.17923E-06	2.2347E-03
610882.43	4206064.03	32891.54956	0.00726	0.04254	5.06609E-06	7.2614E-03	610882.43	4206064.03	32891.54956	0.00206	0.04254	5.06609E-06	2.0613E-03
610889.43	4206064.03	30445.90156	0.00672	0.04162	4.95653E-06	6.7217E-03	610889.43	4206064.03	30445.90156	0.00190	0.04162	4.95653E-06	1.9081E-03
610896.43	4206064.03	28277.79597	0.00624	0.04074	4.85173E-06	6.2433E-03	610896.43	4206064.03	28277.79597	0.00177	0.04074	4.85173E-06	1.7725E-03
610903.43	4206064.03	26345.69204	0.00581	0.03989	4.75050E-06	5.8170E-03	610903.43	4206064.03	26345.69204	0.00165	0.03989	4.75050E-06	1.6516E-03
610910.43	4206064.03	24615.43712	0.00543	0.03908	4.65404E-06	5.4352E-03	610910.43	4206064.03	24615.43712	0.00154	0.03908	4.65404E-06	1.5434E-03
610917.43	4206064.03	23059.00269	0.00509	0.03829	4.55996E-06	5.0917E-03	610917.43	4206064.03	23059.00269	0.00144	0.03829	4.55996E-06	1.4460E-03
610924.43	4206064.03	21653.00403	0.00478	0.03753	4.46945E-06	4.7814E-03	610924.43	4206064.03	21653.00403	0.00135	0.03753	4.46945E-06	1.3580E-03
610931.43	4206064.03	20378.03851	0.00450	0.03680	4.38352E-06	4.5001E-03	610931.43	4206064.03	20378.03851	0.00127	0.03680	4.38352E-06	1.2782E-03
610952.43	4206064.03	17387.77281	0.00379	0.03474	4.13719E-06	3.7960E-03	610952.43	4206064.03	17387.77281	0.00107	0.03474	4.13719E-06	1.0785E-03
610959.43	4206064.03	16296.32674	0.00360	0.03410	4.06097E-06	3.5993E-03	610959.43	4206064.03	16296.32674	0.00102	0.03410	4.06097E-06	1.0227E-03
610966.43	4206064.03	15475.29173	0.00341	0.03348	3.98714E-06	3.4180E-03	610966.43	4206064.03	15475.29173	0.00097	0.03348	3.98714E-06	9.7135E-04
610973.43	4206064.03	14717.11478	0.00325	0.03288	3.91568E-06	3.2507E-03	610973.43	4206064.03	14717.11478	0.00092	0.03288	3.91568E-06	9.2389E-04
610980.43	4206064.03	14015.37156	0.00309	0.03230	3.84651E-06	3.0958E-03	610980.43	4206064.03	14015.37156	0.00088	0.03230	3.84651E-06	8.7995E-04
610987.43	4206064.03	13364.39483	0.00295	0.03174	3.77992E-06	2.9521E-03	610987.43	4206064.03	13364.39483	0.00084	0.03174	3.77992E-06	8.3938E-04
610994.43	4206064.03	12759.21498	0.00281	0.03119	3.71442E-06	2.8186E-03	610994.43	4206064.03	12759.21498	0.00080	0.03119	3.71442E-06	8.0130E-04
611001.43	4206064.03	12195.55783	0.00269	0.03067	3.65249E-06	2.6942E-03	611001.43	4206064.03	12195.55783	0.00076	0.03067	3.65249E-06	7.6600E-04
611008.43	4206064.03	11669.49512	0.00257	0.03015	3.59057E-06	2.5780E-03	611008.43	4206064.03	11669.49512	0.00073	0.03015	3.59057E-06	7.3305E-04
611015.43	4206064.03	11177.77104	0.00247	0.02966	3.53221E-06	2.4695E-03	611015.43	4206064.03	11177.77104	0.00070	0.02966	3.53221E-06	7.0226E-04
611022.43	4206064.03	10717.34966	0.00236	0.02917	3.4678E-03	2.3678E-03	611022.43	4206064.03	10717.34966	0.00067	0.02917	3.4678E-06	6.7342E-04
611029.43	4206064.03	10285.56595	0.00227	0.02870	3.41789E-06	2.2726E-03	611029.43	4206064.03	10285.56595	0.00064	0.02870	3.41789E-06	6.4637E-04
611036.43	4206064.03	9880.05016	0.00218	0.02825	3.36430E-06	2.1830E-03	611036.43	4206064.03	9880.05016	0.00062	0.02825	3.36430E-06	6.2097E-04
611043.43	4206064.03	9498.63289	0.00210	0.02781	3.31190E-06	2.0981E-03	611043.43	4206064.03	9498.63289	0.00059	0.02781	3.31190E-06	5.9707E-04
611050.43	4206064.03	9139.43393	0.00202	0.02738	3.26069E-06	2.0195E-03	611050.43	4206064.03	9139.43393	0.00057	0.02738	3.26069E-06	5.7457E-04
611057.43	4206064.03	8800.68883	0.00194	0.02696	3.21067E-06	1.9448E-03	611057.43	4206064.03	8800.68883	0.00055	0.02696	3.21067E-06	5.5334E-04
611064.43	4206064.03	8480.78669	0.00187	0.02656	3.16303E-06	1.8741E-03	611064.43	4206064.03	8480.78669	0.00053	0.02656	3.16303E-06	5.3330E-04
611071.43	4206064.03	8178.41581	0.00180	0.02616	3.11540E-06	1.8074E-03	611071.43	4206064.03	8178.41581	0.00051	0.02616	3.11540E-06	5.1435E-04
611078.43	4206064.03	7892.24934	0.00174	0.02578	3.07014E-06	1.7442E-03	611078.43	4206064.03	7892.24934	0.00049	0.02578	3.07014E-06	4.9642E-04
611085.43	4206064.03	7621.17624	0.00168	0.02541	3.02608E-06	1.6844E-03	611085.43	4206064.03	7621.17624	0.00048	0.02541	3.02608E-06	4.7943E-04
611092.43	4206064.03	7364.10595	0.00162	0.02505	2.98321E-06	1.6276E-03	611092.43	4206064.03	7364.10595	0.00046	0.02505	2.98321E-06	4.6331E-04
610294.43	4206071.03	7512.181	0.00166	0.33839	4.02989E-05	1.6976E-03	610294.43	4206071.03	7512.181	0.00047	0.33839	4.02989E-05	5.0989E-04
610301.43	4206071.03	7822.35738	0.00173	0.33679	4.01084E-05	1.7658E-03	610301.43	4206071.03	7822.35738	0.00049	0.33679	4.01084E-05	5.2909E-04
610308.43	4206071.03	8150.98225	0.00180	0.33513	3.99107E-05	1.8381E-03	610308.43	4206071.03	8150.98225	0.00051	0.33513	3.99107E-05	5.4943E-04
610315.43	4206071.03	8499.49808	0.00188	0.33339	3.97035E-05	1.9148E-03	610315.43	4206071.03	8499.49808	0.00053	0.33339	3.97035E-05	5.7101E-04
610322.43	4206071.03	8868.79811	0.00196	0.33156	3.94855E-05	1.9961E-03	610322.43	4206071.03	8868.79811	0.00055	0.33156	3.94855E-05	5.9388E-04
610329.43	4206071.03	9261.74636	0.00204	0.32967	3.92604E-05	2.0825E-03	610329.43	4206071.03	9261.74636	0.00058	0.32967	3.92604E-05	6.1821E-04
610336.43	4206071.03	9679.50209	0.00214	0.32770	3.90258E-05	2.1745E-03	610336.43	4206071.03	9679.50209	0.00061	0.32770	3.90258E-05	6.4409E-04
610343.43	4206071.03	10124.8522	0.00223	0.32567	3.87845E-05	2.2725E-03	610343.43	4206071.03	10124.8522	0.00063	0.32567	3.87845E-05	6.7109E-04
610350.43	4206071.03	10600.7494	0.00234	0.32360	3.85376E-05	2.3772E-03	610350.43	4206071.03	10600.7494	0.00066	0.32360	3.85376E-05	7.0119E-04
610357.43	4206071.03	11108.264	0.00245	0.32143	3.82791E-05	2.4889E-03	610357.43	4206071.03	11108.264	0.00069	0.32143	3.82791E-05	7.3266E-04
610364.43	4206071.03	11649.10307	0.00257	0.31915	3.80076E-05	2.6080E-03	610364.43	4206071.03	11649.10307	0.00073	0.31915	3.80076E-05	7.6620E-04
610371.43	4206071.03	12227.87692	0.00270	0.31678	3.7725E-05	2.7354E-03	610371.43	4206071.03	12227.87692	0.00076	0.31678	3.7725E-05	8.0209E-04
610378.43	4206071.03	12846.9483	0.00283	0.31430	3.7430E-05	2.8716E-03	610378.43	4206071.03	12846.9483	0.00080	0.31430	3.7430E-05	8.4205E-04
610385.43	4206071.03	13509.71593	0.00298	0.31171	3.71216E-05	3.017E-03	610385.43	4206071.03	13509.71593	0.00084	0.31171	3.71216E-05	8.8162E-04
610392.43	4206071.03	14218.9497	0.00314	0.30898	3.6796E-05	3.1737E-03	610392.43	4206071.03	14218.9497	0.00089	0.30898	3.6796E-05	9.2561E-04
610399.43	4206071.03	14981.02504	0.00331	0.30614	3.6452E-05	3.3415E-03	610399.43	4206071.03	14981.02504	0.00094	0.30614	3.6452E-05	9.7292E-04
610406.43	4206071.03	15799.61386	0.00349	0.30318	3.61057E-05	3.5217E-03	610406.43	4206071.03	15799.61386	0.00099	0.30318	3.61057E-05	1.0237E-03
610413.43	4206071.03	16679.80501	0.00368	0.30009	3.5737E-05	3.7155E-03	610413.43	4206071.03	16679.80501	0.00104	0.30009	3.5737E-05	1.0784E-03
610420.43	4206071.03	17631.72191	0.00389	0.29691	3.5350E-05	3.9252E-03	610420.43	4206071.03	17631.72191	0.00110	0.29691	3.5350E-05	1.1375E-03
610427.43	4206071.03	18659.40571	0.00412	0.29360	3.49649E-05	4.1515E-03	610427.43	4206071.03	18659.40571	0.00117	0.29360	3.49649E-05	1.2014E-03
610434.43	4206071.03	19769.03644	0.00436	0.29014	3.4552E-05	4.3959E-03	610434.43	4206071.03	19769.03644	0.00124	0.29014	3.4552E-05	1.2703E-03
610441.43	4206071.03	20966.95209	0.00463	0.28652	3.41217E-05	4.6597E-03	610441.43

610357.43	4206078.03	10951.69814	0.00242	0.33577	3.99869E-05	2.45616-03	610357.43	4206078.03	10951.69814	0.00068	0.33577	3.99869E-05	7.2458E-04		
610364.43	4206078.03	11486.22186	0.00253	0.33346	3.97118E-05	2.5737E-03	610364.43	4206078.03	11486.22186	0.00072	0.33346	3.97118E-05	7.5772E-04		
610371.43	4206078.03	12057.66924	0.00266	0.33105	3.94248E-05	2.6995E-03	610371.43	4206078.03	12057.66924	0.00075	0.33105	3.94248E-05	7.9315E-04		
610378.43	4206078.03	12669.07729	0.00279	0.32852	3.91235E-05	2.8341E-03	610378.43	4206078.03	12669.07729	0.00079	0.32852	3.91235E-05	8.3107E-04		
610385.43	4206078.03	13324.04397	0.00294	0.32587	3.88079E-05	2.9781E-03	610385.43	4206078.03	13324.04397	0.00083	0.32587	3.88079E-05	8.7170E-04		
610392.43	4206078.03	14027.45462	0.00309	0.32313	3.84816E-05	3.1331E-03	610392.43	4206078.03	14027.45462	0.00088	0.32313	3.84816E-05	9.1534E-04		
610399.43	4206078.03	14781.55826	0.00326	0.32023	3.81362E-05	3.2992E-03	610399.43	4206078.03	14781.55826	0.00092	0.32023	3.81362E-05	9.6213E-04		
610406.43	4206078.03	15592.09969	0.00344	0.31720	3.77754E-05	3.4776E-03	610406.43	4206078.03	15592.09969	0.00097	0.31720	3.77754E-05	1.0124E-03		
610413.43	4206078.03	16464.10699	0.00363	0.31403	3.73979E-05	3.6696E-03	610413.43	4206078.03	16464.10699	0.00103	0.31403	3.73979E-05	1.0666E-03		
610420.43	4206078.03	17410.70758	0.00384	0.31080	3.70132E-05	3.8781E-03	610420.43	4206078.03	17410.70758	0.00109	0.31080	3.70132E-05	1.1254E-03		
610427.43	4206078.03	18432.2182	0.00407	0.30742	3.66107E-05	4.1038E-03	610427.43	4206078.03	18432.2182	0.00115	0.30742	3.66107E-05	1.1888E-03		
610434.43	4206078.03	19537.56669	0.00431	0.30390	3.61915E-05	4.3464E-03	610434.43	4206078.03	19537.56669	0.00122	0.30390	3.61915E-05	1.2575E-03		
610441.43	4206078.03	20731.93126	0.00457	0.30020	3.57509E-05	4.6095E-03	610441.43	4206078.03	20731.93126	0.00130	0.30020	3.57509E-05	1.3317E-03		
610448.43	4206078.03	22026.1427	0.00486	0.29634	3.52912E-05	4.8946E-03	610448.43	4206078.03	22026.1427	0.00138	0.29634	3.52912E-05	1.4122E-03		
610455.43	4206078.03	23432.55294	0.00517	0.29233	3.48136E-05	5.2044E-03	610455.43	4206078.03	23432.55294	0.00146	0.29233	3.48136E-05	1.4996E-03		
610462.43	4206078.03	24959.47166	0.00551	0.28815	3.4315E-05	5.5407E-03	610462.43	4206078.03	24959.47166	0.00156	0.28815	3.4315E-05	1.5945E-03		
610469.43	4206078.03	26622.09989	0.00587	0.28380	3.3797E-05	5.9070E-03	610469.43	4206078.03	26622.09989	0.00166	0.28380	3.3797E-05	1.6980E-03		
610476.43	4206078.03	28438.73788	0.00627	0.27930	3.32619E-05	6.3072E-03	610476.43	4206078.03	28438.73788	0.00178	0.27930	3.32619E-05	1.8110E-03		
610483.43	4206078.03	30421.92971	0.00671	0.27463	3.2705E-05	6.7442E-03	610483.43	4206078.03	30421.92971	0.00190	0.27463	3.2705E-05	1.9344E-03		
610497.43	4206078.03	34956.29218	0.00771	0.26479	3.15339E-05	7.7434E-03	610497.43	4206078.03	34956.29218	0.00219	0.26479	3.15339E-05	2.2167E-03		
610504.43	4206078.03	37542.10727	0.00829	0.25965	3.0921E-05	8.3176E-03	610504.43	4206078.03	37542.10727	0.00235	0.25965	3.0921E-05	2.3789E-03		
610511.43	4206078.03	40438.22583	0.00892	0.25437	3.02930E-05	8.9515E-03	610511.43	4206078.03	40438.22583	0.00253	0.25437	3.02930E-05	2.5581E-03		
610518.43	4206078.03	43623.00728	0.00962	0.24896	2.96487E-05	9.6535E-03	610518.43	4206078.03	43623.00728	0.00273	0.24896	2.96487E-05	2.7565E-03		
610525.43	4206078.03	47168.20164	0.01041	0.24342	2.89888E-05	1.0435E-02	610525.43	4206078.03	47168.20164	0.00295	0.24342	2.89888E-05	2.9775E-03		
610532.43	4206078.03	51119.96446	0.01128	0.23777	2.83161E-05	1.1306E-02	610532.43	4206078.03	51119.96446	0.00320	0.23777	2.83161E-05	3.2238E-03		
610539.43	4206078.03	55552.44425	0.01226	0.23200	2.76289E-05	1.2281E-02	610539.43	4206078.03	55552.44425	0.00347	0.23200	2.76289E-05	3.5002E-03		
610546.43	4206078.03	60551.76615	0.01336	0.22614	2.69310E-05	1.3385E-02	610546.43	4206078.03	60551.76615	0.00379	0.22614	2.69310E-05	3.8120E-03		
610553.43	4206078.03	66234.81245	0.01461	0.22019	2.62225E-05	1.4639E-02	610553.43	4206078.03	66234.81245	0.00414	0.22019	2.62225E-05	4.1666E-03		
610560.43	4206078.03	72726.45251	0.01604	0.21416	2.55043E-05	1.6070E-02	610560.43	4206078.03	72726.45251	0.00455	0.21416	2.55043E-05	4.5718E-03		
610567.43	4206078.03	80301.04734	0.01772	0.20811	2.47838E-05	1.7740E-02	610567.43	4206078.03	80301.04734	0.00502	0.20811	2.47838E-05	5.0444E-03		
610574.43	4206078.03	89134.57187	0.01966	0.20199	2.40550E-05	1.9688E-02	610574.43	4206078.03	89134.57187	0.00557	0.20199	2.40550E-05	5.5959E-03		
610581.43	4206078.03	99593.34672	0.02197	0.19585	2.3323E-05	2.1959E-02	610581.43	4206078.03	99593.34672	0.00623	0.19585	2.3323E-05	6.2488E-03		
610588.43	4206078.03	112139.2769	0.02474	0.18970	2.25914E-05	2.4762E-02	610588.43	4206078.03	112139.2769	0.00701	0.18970	2.25914E-05	7.0324E-03		
610595.43	4206078.03	127384.2732	0.02810	0.18354	2.1857E-05	2.8125E-02	610595.43	4206078.03	127384.2732	0.00796	0.18354	2.1857E-05	7.9847E-03		
610602.43	4206078.03	146166.2482	0.03225	0.17740	2.11266E-05	3.2267E-02	610602.43	4206078.03	146166.2482	0.00914	0.17740	2.11266E-05	9.1580E-03		
610609.43	4206078.03	168574.8868	0.03719	0.17128	2.0397E-05	3.7210E-02	610609.43	4206078.03	168574.8868	0.01054	0.17128	2.0397E-05	1.0558E-02		
610777.43	4206078.03	235102.2246	0.05187	0.06697	7.97547E-06	5.1875E-02	610777.43	4206078.03	235102.2246	0.01470	0.06697	7.97547E-06	1.4704E-02		
610784.43	4206078.03	209462.2224	0.04621	0.06484	7.72180E-06	4.6218E-02	610784.43	4206078.03	209462.2224	0.01309	0.06484	7.72180E-06	1.3101E-02		
610791.43	4206078.03	180813.609	0.03989	0.06285	7.48481E-06	3.9897E-02	610791.43	4206078.03	180813.609	0.01130	0.06285	7.48481E-06	1.1310E-02		
610798.43	4206078.03	155153.8065	0.03423	0.06098	7.26212E-06	3.4236E-02	610798.43	4206078.03	155153.8065	0.00970	0.06098	7.26212E-06	9.7060E-03		
610805.43	4206078.03	133683.9342	0.02949	0.05921	7.05133E-06	2.9500E-02	610805.43	4206078.03	133683.9342	0.00836	0.05921	7.05133E-06	8.3637E-03		
610812.43	4206078.03	115994.845	0.02559	0.05755	6.8536E-06	2.5597E-02	610812.43	4206078.03	115994.845	0.00725	0.05755	6.8536E-06	7.2577E-03		
610819.43	4206078.03	101420.1005	0.02237	0.05597	6.66547E-06	2.2381E-02	610819.43	4206078.03	101420.1005	0.00634	0.05597	6.66547E-06	6.3465E-03		
610833.43	4206078.03	79263.74825	0.01749	0.05307	6.32011E-06	1.7491E-02	610833.43	4206078.03	79263.74825	0.00495	0.05307	6.32011E-06	4.9611E-03		
610840.43	4206078.03	70785.82387	0.01562	0.05173	6.16053E-06	1.5622E-02	610840.43	4206078.03	70785.82387	0.00442	0.05173	6.16053E-06	4.4310E-03		
610847.43	4206078.03	63600.45432	0.01403	0.05045	6.00810E-06	1.4037E-02	610847.43	4206078.03	63600.45432	0.00398	0.05045	6.00810E-06	3.9817E-03		
610854.43	4206078.03	57464.02371	0.01268	0.04924	5.86400E-06	1.2683E-02	610854.43	4206078.03	57464.02371	0.00359	0.04924	5.86400E-06	3.5980E-03		
610861.43	4206078.03	51246.24351	0.01151	0.04807	5.72466E-06	1.1519E-02	610861.43	4206078.03	51246.24351	0.00326	0.04807	5.72466E-06	3.2678E-03		
610868.43	4206078.03	47613.29406	0.01050	0.04696	5.59247E-06	1.0510E-02	610868.43	4206078.03	47613.29406	0.00298	0.04696	5.59247E-06	2.9819E-03		
610875.43	4206078.03	43628.25522	0.00962	0.04589	5.46505E-06	9.6305E-03	610875.43	4206078.03	43628.25522	0.00273	0.04589	5.46505E-06	2.7327E-03		
610882.43	4206078.03	40133.83504	0.00885	0.04487	5.34357E-06	8.8594E-03	610882.43	4206078.03	40133.83504	0.00251	0.04487	5.34357E-06	2.5141E-03		
610889.43	4206078.03	37052.79595	0.00817	0.04389	5.22687E-06	8.1796E-03	610889.43	4206078.03	37052.79595	0.00232	0.04389	5.22687E-06	2.3214E-03		
610896.43	4206078.03	34322.06455	0.00757	0.04295	5.11402E-06	7.5770E-03	610896.43	4206078.03	34322.06455	0.00215	0.04295	5.11402E-06	2.1506E-03		
610903.43	4206078.03	31889.98377	0.00704	0.04204	5.00655E-06	7.0404E-03	610903.43	4206078.03	31889.98377	0.00199	0.04204	5.00655E-06	1.9985E-03		
610910.43	4206078.03	29714.19126	0.00656	0.04117	4.90294E-06	6.5603E-03	610910.43	4206078.03	29714.19126	0.00186	0.04117	4.90294E-06	1.8623E-03		
610917.43	4206078.03	27759.37991	0.00612	0.04032	4.80171E-06	6.1288E-03	610917.43	4206078.03	27759.37991	0.00174	0.04032	4.80171E-06	1.7400E-03		
610924.43	4206078.03	25996.15196	0.00574	0.03951	4.70525E-06	5.7398E-03	610924.43	4206078.03	25996.15196	0.00163	0.03951	4.70525E-06	1.6297E-03		
610931.43	4206078.03	24399.94887	0.00538	0.03873	4.61236E-06	5.3876E-03	610931.43	4206078.03	24399.94887	0.00153	0.03873	4.61236E-06	1.4529E-03		
610952.43	4206078.03	20420.58835	0.00451	0.03654	4.35155E-06	4.5094E-03	610952.43	4206078.03	20420.58835	0.00128	0.03654	4.35155E-06	1.2808E-03		
610959.43	4206078.03	19313.38526	0.00426	0.03585	4.26938E-06	4.2651E-03	610959.43	4206078.03	19313.38526	0.00121	0.03585	4.26938E-06	1.2116E-03		
610966.43	4206078.03	18295.70661	0.00404	0.03519	4.19078E-06	4.0405E-03	610966.43	4206078.03	18295.70661	0.00114	0.03519	4.19078E-06	1.1479E-03		
610973.43	4206078.03	17358.09164	0.00383	0.03456	4.11575E-06	3.8335E-03	610973.43	4206078.03	17358.09164	0.00109	0.03456	4.11575E-06	1.0892E-03		
610980.43	4206078.03	16492.11778	0.00364	0.03394	4.04192E-06	3.6424E-03	610980.43	4206078.03	16492.11778	0.00103	0.03394	4.04192E-06	1.0350E-03		
610987.43	4206078.03	15690.51652	0.00346	0.03334	3.97046E-06	3.4655E-03	610987.43	4206078.03	15690.51652	0.00098	0.03334	3.97046E-06	9.8479E-04		
610994.43	4206078.03	14947.00542	0.00330	0.03276	3.90139E-06	3.3014E-03	610994.43	4206078.03	14947.00542	0.00093	0.03276	3.90139E-06	9.3824E-04		
611001.43	4206078.03	14256.00128	0.00315	0.03220	3.83470E-06	3.1488E-03	611001.43	4206078.03	14256.00128	0.00089	0.03220	3.83470E-06	8.9488E-04		
611008.43	4206078.03	13612.58578	0.00300	0.03166	3.77039E-06	3.0069E-03	611008.43	4206078.03	13612.58578	0.00085	0.03166	3.77039E-06	8.5470E-04		
611015.43	4206078.03	13012.40943	0.00287	0.03113	3.70728E-06	2.8744E-03	611015.43	4206078.03	13012.40943	0.00081	0.03113	3.70728E-06	8.1712E-04		
611022.43	4206078.03	12451.70126	0.00275	0.03062	3.64654E-06	2.7507E-03	611022.43	4206078.03	12451.70126	0.00078	0.03062	3.64654E-06	7.8200E-04		
611029.43	4206078.03	11926.94011	0.00263	0.03013	3.58819E-06	2.6348E-03	611029.43	4206078.03	11926.94011	0.00075	0.03013	3.58819E-06	7.4914E-04		
611036.43	4206078.03	11435.10509	0.00252	0.02964	3.52983E-06	2.5263E-03	611036.43	4206078.03	11435.10509	0.00071	0.02964	3.52983E-06	7.1834E-04		
611043.43	4206078.03	10973.455	0.00242	0.02918	3.47505E-06	2.4244E-03	611043.43	4206078.03	10973.455	0.00069	0.02918	3.47505E-06	6.8943E-04		
611050.43	4206078.03	10539.51955	0.00233	0.02872	3.42027E-06	2.3286E-03	611050.43	4206078.03	10539.51955	0.00066	0.02872	3.42027E-06	6.6225E-04		
611057.43	4206078.03	10131.13441	0.00224	0.02828	3.3678E-06	2.2384E-03	611057.43	4206078.03	10131.13441	0.00063	0.02828	3.3678E-06	6.3667E-04		
611064.43	4206078.03	9746.32988	0.00215	0.02786	3.31785E-06	2.1535E-03	611064.43	4206078.03	9746.32988	0.00061	0.02786	3.31785E-06	6.1256E-04		
611071.43	4206078.03	9383.24983	0.00207	0.02744	3.26783E-06	2.0733E-03	611071.43	4206078.03	9383.24983	0.00059	0.02744	3.26783E-06	5.8982E-04		
611078.43	4206078.03	9040.25592	0.00199	0.02703	3.21901E-06	1.9976E-03	611078.43	4206078.03	9040.25592	0.00057	0.02703	3.21901E-06	5.6833E-04		
611085.43	4206078.03	8715.91253	0.00192	0.02664	3.17256E-06	1.9260E-03	611085.43	4206078.03	8715.91253	0.00054	0.02664	3.17256E-06	5.4801E-04		
611092.43	4206078.03	8408.87442	0.00186	0.02626	3.12731E-06	1.8582E-03	611092.43	4206078.03	8408.87442	0.00053	0.02626	3.12731E-06	5.2877E-04		
611294.43	4206085.03	7296.84697	0.00161	0.36821	4.38502E-05	1.6536E-03	611294.43	4206085.03	7296.84697	0.00046	0.36821	4.38502E-05	4.9998E-04		
611301.43	4206085.03	7597.54604	0.00168	0.36663	4.36620E-05	1.7198E-03	611301.43	4206085.03	7597.54604	0.00047	0.36663	4.36620E-05	5.1859E-04		
611308.43	4206085.03	7916.28129	0.00175	0.36497	4.34643E-05	1.7899E-03	611308.43	4206085.03	7916.28129	0.00049	0.36497	4.34643E-05	5.3831E-04		
611315.43	4206085.03	8254.47309	0.00182	0.36324	4.32583E-05	1.8643E-03	611315.43	4206085.03	8254.47309	0.00052	0.36324	4.32583E-05	5.5925E-04		
611322.43	4206085.03	8613.63018	0.00190	0.36143	4.30427E-05	1.9431E-03	611322.43	4206085.03	8613.63018	0.00054	0.36143	4.30427E-05	5.8148E-04		
611329.43	4206085.03	8994.80614	0.00198	0.35950	4.28129E-05	2.0272E-03	611329.43	4206085.03	8994.80614	0.00056	0.35950	4.28129E-05	6.0508E-04		
611336.43	4206085.03	9400.92227	0.00207	0.35752	4.25771E-05	2.1165E-03	611336.43	4206085.03	9400.92227	0.00059	0.35752	4.25771E-05	6.3023E-04		
611343.43	4206085.03	9834.27804	0.00217	0.35547	4.23330E-05	2.2115E-03	611343.43	4206085.03	9834.27804	0.00061	0.35547	4.23330E-05	6.5708E-04		
611350.43	4206085.03	10296.18306	0.00227	0.35333	4.20781E-05	2.3116E-03	611350.43	4206085.03	10296.18306	0.00064	0.35333	4.20781E-05	6.8569E-04		
611357.43	4206085.03	10788.18495	0.00238	0.35109	4.18119E-05	2.4221E-03	611357.43	4206085.03	10788.18495	0.00067	0.35109	4.18119E-05	7.1621E-04		
611364.43	4206085.03	11316.66199	0.00250	0.34877	4.15351E-05	2.5381E-03	611364.43	4206085.03	11316.66199	0.00071	0.34877	4.15351E-05	7.4804E-04		
611371.43	4206085.03	11879.95671	0.00262	0.34631	4.12421E-05	2.6621E-03	611371.43	4206085.03	11879.95671	0.00074	0.34631	4.12421E-05	7.8386E-04		
611378.43	4206085.03	12482.93649	0.00275	0.34373	4.09348E-05	2.7948E-03	611378.43	4206085.03	12482.93649	0.00078	0.34373	4.09348E-05	8.2125E-04		
611385.43	4206085.03	13129.10671	0.00290	0.34103	4.06133E-05	2.9371E-03	611385.43	4206085.03	13129.10671	0.00082	0.34103	4.06133E-05	8.6132E-04		
611392.43	4206085.03	13823.61698	0.00305	0.33822	4.02787E-05	3.0908E-03	611392.43	4206085.03	13823.61698	0.00086	0.33822	4.02787E-05	9.0440E-04		
611399.43	4206085.03	14568.36943	0.00321	0.33526	3.99262E-05	3.2539E-03	611399.43	4206085.03	14568.36943	0.00091	0.33526	3.99262E-05	9.5060E-04		
611406.43	4206085.03	15370.56864	0.00339	0.33218	3.95594E-05	3.4305E-03	611406.43	4206085.03	15370.56864	0.00096	0.33218	3.95594E-05	1.0004E-03		
611413.43	4206085.03	16233.05641	0.00358	0.32893	3.91723E-05	3.6204E-03	611413.43	4206085.03	16233.05641	0.00101	0.32893	3.91723E-05	1.0589E-03		
611420.43	4206085.03	17172.67434	0.00379	0.32567	3.87841E-05	3.8273E-03	611420.43	4206085.03	17172.67434	0.00107	0.32567	3.87841E-05	1.1213E-03		
611427.43	4206085.03	18187.51566	0.00401	0.32224	3.83756E-05	4.0508E-03	611427.43	4206085.03	18187.51566	0.00114	0.32224	3.83756E-05	1.1753E-03		
611434.43	4206085.03	19285.16097	0.00425	0.31863	3.79457E-05	4.2925E-03	611434.43	4206085.03	19285.16097	0.00121	0.31863	3.79457E-05	1.2435E-03		
611441.43	4206085.03	20473.87558	0.00452	0.31485	3.7495E-05	4.5543E-03	611441.43	4206085.03	20473.87558	0.00128	0.31485	3.7495E-05	1.3173E-03		
611448.43	4206085.03	21763.14211	0.00480	0.31090	3.7025E-05	4.8383E-03	611448.43	4206085.03	21763.14211	0.00136	0.31090	3.7025E-05	1.3974E-03		
611455.43	4206085.03	23163.66231	0.00511	0.30677	3.65333E-05	5.1468E-03	611455.43	4206085.03	23163.66231	0.00145	0.30677	3.65333E-05	1.4845E-03		
611462.43	4206085.03	24687.73925	0.00545	0.30247	3.60212E-05	5.4825E-03	611462.43	4206085.03	24687.73925	0.00154	0.30247	3.60212E-05	1.5793E-03		
611469.43	4206085.03	26349.12754	0.00581	0.29798	3.5486E-05	5.8485E-03	611469.43	4206085.03	26349.12754	0.00165	0.29798	3.5486E-05	1.6826E-03		
611476.43	4206085.03	28163.61325	0.00621	0.29332	3.49315E-05	6.2482E-03	611476.43	4206085.03	28163.61325	0.00176	0.29332	3.49315E-05	1.7954E-03		
611483.43	4206085.03	30149.22824	0.00665	0.28849	3.43563E-05	6.6857E-03	611483.43	4206085.03	30149.22824	0.00188	0.28849	3.43563E-05	1.9190E-03		
611497.43	4206085.03	34684.85651	0.00765	0.27827	3.31392E-05	7.6851E-03	611497.43	4206085.03	34684.85651	0.00217	0.27827	3.31392E-05	2.2053E-03		
611504.43	4206085.03	37296.41824	0.00823	0.27291	3.25009E-05	8.2606E-03	611504.43	4206085.03	37296.41824	0.00233	0.27291	3.25009E-05	2.3639E-03		
611511.43	4206085.03	40176.91451	0.00886	0.26740	3.18447E-05	8.8954E-03	611511.43	4206085.03	40176.91451	0.00251	0.26740	3.18447E-05	2.5433E-03		
611518.43	4206085.03	43373.59347	0.00957	0.26174	3.11706E-05	9.6000E-03	611518.43	4206085.03	43373.59347	0.00271	0.26174	3.11706E-05	2.7425E-03		
611525.43	4206085.03	46924.18554	0.01035	0.25594	3.04799E-05	1.0383E-02	611525.43	4206085.03	46924.18554	0.00293	0.25594	3.04799E-05	2.9637E-03		
611532.43	4206085.03	50895.45604	0.01123	0.25001	2.97737E-05	1.1258E-02	611532.43	4206085.03	50895.45604	0.00318	0.25001	2.97737E-05	3.2113E-03		
611539.43	4206085.03	55345.95798	0.01221	0.24395	2.90520E-05	1.2239E-02	611539.43	4206085.03	55345.95798	0.00346	0.24395	2.90520E-05	3.4887E-03		
611546.43	4206085.03	60374.66283	0.01332	0.23778	2.83172E-05	1.3348E-02	611546.43	4206085.03	60374.66283	0.00377	0.23778	2.83172E-05	3.8023E-03		
611553.43	4206085.03	66077.21806	0.01458	0.23150	2.75694E-05	1.4605E-02	611553.43	4206085.03	66077.21806	0.00413	0.23150	2.75694E-05	4.1581E-03		
611560.43	4206085.03	72609.33358	0.01602	0.22514	2.68119E-05	1.6045E-02	611560.43	4206085.03	72609.33358	0.00454	0.22514	2.68119E-05	4.5656E-03		
611567.43	4206085.03	80233.63178	0.01770	0.21873	2.60486E-05	1.7727E-02	611567.43	4206085.03	80233.63178	0.00502	0.21873	2.60486E-05	5.0415E-03		
611574.43	4206085.03	89137.68012	0.01966	0.21227	2.52793E-05	1.9690E-02	611574.43	4206085.03	89137.68012	0.00557	0.21227	2.52793E-05	5.5973E-03		
611581.43	4206085.03	99650.48917	0.02198	0.20576	2.45040E-05	2.2009E-02	611581.43	4206085.03	99650.48917	0.00623	0.20576	2.45040E-05	6.2537E-03		
611588.43	4206085.03	112272.9627	0.02477	0.19922	2.37253E-05	2.4793E-02	611588.43	4206085.03	112272.9627	0.00702	0.19922	2.37253E-05	7.0418E-03		
611595.43	4206085.03	127606.45	0.02815	0.19268	2.29463E-05	2.8175E-02	611595.43	4206085.03	127606.45	0.00798	0.19268	2.29463E-05	7.9996E-03		
611602.43	4206085.03	146488.3163	0.03232	0.18614	2.21674E-05	3.2340E-02	611602.43	4206085.03	146488.3163	0.00916	0.18614	2.21674E-05	9.1792E-03		
610609.43	4206085.03	169029.7907	0.03729	0.17964	2.13933E-05	3.7312E-02	610609.43	4206085.03	169029.7907	0.01057	0.17964	2.13933E-05	1.0587E-02		
610777.43	4206085.03	247030.6999	0.05450	0.06908	8.22675E-06	5.4507E-02	610777.43	4206085.03	247030.6999	0.01544	0.06908	8.22675E-06	1.5450E-02		
610784.43	4206085.03	220951.2036	0.04874	0.06687	7.96356E-06	4.8753E-02	610784.43	4206085.03	220951.2036	0.01381	0.06687	7.96356E-06	1.3820E-02		
610791.43	4206085.03	191866.3241	0.04233	0.06480	7.71704E-06	4.2336E-02	610791.43	4206085.03	191866.3241	0.01199	0.06480	7.71704E-06	1.2001E-02		
610798.43	4206085.03	165676.9743	0.03655	0.06285	7.48481E-06	3.6558E-02	610798.43	4206085.03	165676.9743	0.01036	0.06285	7.48481E-06	1.0364E-02		
610805.43	4206085.03	143575.6194	0.03167	0.06101	7.26569E-06	3.1682E-02	610805.43	4206085.03	143575.6194	0.00897	0.06101	7.26569E-06	8.9822E-03		
610812.43	4206085.03	125187.6539	0.02762	0.05928	7.05966E-06	2.7625E-02	610812.43	4206085.03	125187.6539	0.00783	0.05928	7.05966E-06	7.8326E-03		
610819.43	4206085.03	109890.9103	0.02424	0.05765	6.86555E-06	2.4250E-02	610819.43	4206085.03	109890.9103	0.00687	0.05765	6.86555E-06	6.8762E-03		
610833.43	4206085.03	86350.16625	0.01905	0.05464	6.50708E-06	1.9057E-02	610833.43	4206085.03	86350.16625	0.00540	0.05464	6.50708E-06	5.4043E-03		
610840.43	4206085.03	77245.16082	0.01704	0.05325	6.34155E-06	1.7048E-02	610840.43	4206085.03	77245.16082	0.00483	0.05325	6.34155E-06	4.8350E-03		
610847.43	4206085.03	69483.00753	0.01533	0.05192	6.18316E-06	1.5335E-02	610847.43	4206085.03	69483.00753	0.00434	0.05192	6.18316E-06	4.3498E-03		
610854.43	4206085.03	62822.6954	0.01386	0.05066	6.03311E-06	1.3866E-02	610854.43	4206085.03	62822.6954	0.00393	0.05066	6.03311E-06	3.9331E-03		
610861.43	4206085.

610609.43	4206092.03	169277.2197	0.03734	0.18869	2.24711E-05	3.7367E-02	610609.43	4206092.03	169277.2197	0.01058	0.18869	2.24711E-05	1.060	4E-02	
610770.43	4206092.03	272681.14	0.06016	0.07378	8.786477E-06	6.016E-02	610770.43	4206092.03	272681.14	0.01705	0.07378	8.786477E-06	1.705	4E-02	
610777.43	4206092.03	257040.0031	0.05671	0.07132	8.493515E-06	5.671E-02	610777.43	4206092.03	257040.0031	0.01607	0.07132	8.493515E-06	1.607	4E-02	
610784.43	4206092.03	230667.2679	0.05089	0.06902	8.21960E-06	5.089E-02	610784.43	4206092.03	230667.2679	0.01442	0.06902	8.21960E-06	1.442	7E-02	
610791.43	4206092.03	201344.7868	0.04442	0.06686	7.96237E-06	4.442E-02	610791.43	4206092.03	201344.7868	0.01259	0.06686	7.96237E-06	1.259	4E-02	
610798.43	4206092.03	174855.1479	0.03858	0.06483	7.720631E-06	3.858E-02	610798.43	4206092.03	174855.1479	0.01093	0.06483	7.720631E-06	1.093	8E-02	
610805.43	4206092.03	152354.6462	0.03361	0.06292	7.493155E-06	3.361E-02	610805.43	4206092.03	152354.6462	0.00952	0.06292	7.493155E-06	9.531	2E-03	
610812.43	4206092.03	133492.5562	0.02945	0.06112	7.278798E-06	2.945E-02	610812.43	4206092.03	133492.5562	0.00834	0.06112	7.278798E-06	8.351	9E-03	
610819.43	4206092.03	117673.3489	0.02596	0.05943	7.07753E-06	2.596E-02	610819.43	4206092.03	117673.3489	0.00736	0.05943	7.07753E-06	7.362	9E-03	
610833.43	4206092.03	93053.13399	0.02053	0.05630	6.70477E-06	2.053E-02	610833.43	4206092.03	93053.13399	0.00582	0.05630	6.70477E-06	5.823	5E-03	
610840.43	4206092.03	83428.76979	0.01841	0.05485	6.532096E-06	1.841E-02	610840.43	4206092.03	83428.76979	0.00522	0.05485	6.532096E-06	5.221	7E-03	
610847.43	4206092.03	75175.49497	0.01658	0.05348	6.368984E-06	1.659E-02	610847.43	4206092.03	75175.49497	0.00470	0.05348	6.368984E-06	4.705	6E-03	
610854.43	4206092.03	68057.38538	0.01501	0.05216	6.21174E-06	1.502E-02	610854.43	4206092.03	68057.38538	0.00425	0.05216	6.21174E-06	4.260	5E-03	
610861.43	4206092.03	61883.22801	0.01365	0.05093	6.062888E-06	1.365E-02	610861.43	4206092.03	61883.22801	0.00387	0.05093	6.062888E-06	3.874	4E-03	
610868.43	4206092.03	56498.5648	0.01246	0.04971	5.919976E-06	1.247E-02	610868.43	4206092.03	56498.5648	0.00353	0.04971	5.919976E-06	3.537	7E-03	
610875.43	4206092.03	51777.92357	0.01142	0.04857	5.784215E-06	1.142E-02	610875.43	4206092.03	51777.92357	0.00324	0.04857	5.784215E-06	3.242	4E-03	
610882.43	4206092.03	47619.51232	0.01051	0.04747	5.653216E-06	1.051E-02	610882.43	4206092.03	47619.51232	0.00298	0.04747	5.653216E-06	2.982	4E-03	
610889.43	4206092.03	43938.79461	0.00969	0.04641	5.526976E-06	9.699E-03	610889.43	4206092.03	43938.79461	0.00275	0.04641	5.526976E-06	2.752	1E-03	
610896.43	4206092.03	40666.84618	0.00897	0.04560	5.430609E-06	8.977E-03	610896.43	4206092.03	40666.84618	0.00254	0.04560	5.430609E-06	2.547	5E-03	
610903.43	4206092.03	37745.95739	0.00833	0.04442	5.289988E-06	8.332E-03	610903.43	4206092.03	37745.95739	0.00236	0.04442	5.289988E-06	2.364	8E-03	
610910.43	4206092.03	35128.18608	0.00775	0.04348	5.178046E-06	7.754E-03	610910.43	4206092.03	35128.18608	0.00220	0.04348	5.178046E-06	2.201	0E-03	
610917.43	4206092.03	32773.29613	0.00723	0.04258	5.070866E-06	7.235E-03	610917.43	4206092.03	32773.29613	0.00205	0.04258	5.070866E-06	2.053	7E-03	
610924.43	4206092.03	30647.51544	0.00676	0.04171	4.967256E-06	6.766E-03	610924.43	4206092.03	30647.51544	0.00192	0.04171	4.967256E-06	1.920	7E-03	
610931.43	4206092.03	28722.06135	0.00634	0.04087	4.867216E-06	6.341E-03	610931.43	4206092.03	28722.06135	0.00180	0.04087	4.867216E-06	1.800	3E-03	
610952.43	4206092.03	23921.79456	0.00528	0.03853	4.588546E-06	5.282E-03	610952.43	4206092.03	23921.79456	0.00150	0.03853	4.588546E-06	1.499	8E-03	
610959.43	4206092.03	22587.10922	0.00498	0.03780	4.503616E-06	4.987E-03	610959.43	4206092.03	22587.10922	0.00141	0.03780	4.503616E-06	1.416	4E-03	
610966.43	4206092.03	21361.1707	0.00471	0.03709	4.417056E-06	4.717E-03	610966.43	4206092.03	21361.1707	0.00134	0.03709	4.417056E-06	1.339	7E-03	
610973.43	4206092.03	20232.50632	0.00446	0.03641	4.336076E-06	4.467E-03	610973.43	4206092.03	20232.50632	0.00126	0.03641	4.336076E-06	1.269	1E-03	
610980.43	4206092.03	19191.08038	0.00423	0.03576	4.25866E-06	4.238E-03	610980.43	4206092.03	19191.08038	0.00120	0.03576	4.25866E-06	1.203	9E-03	
610987.43	4206092.03	18228.04385	0.00402	0.03512	4.182446E-06	4.025E-03	610987.43	4206092.03	18228.04385	0.00114	0.03512	4.182446E-06	1.143	6E-03	
610994.43	4206092.03	17335.74417	0.00382	0.03450	4.108616E-06	3.828E-03	610994.43	4206092.03	17335.74417	0.00108	0.03450	4.108616E-06	1.087	8E-03	
611001.43	4206092.03	16507.30949	0.00364	0.03391	4.038355E-06	3.645E-03	611001.43	4206092.03	16507.30949	0.00103	0.03391	4.038355E-06	1.035	0E-03	
611008.43	4206092.03	15736.98283	0.00347	0.03333	3.969276E-06	3.475E-03	611008.43	4206092.03	15736.98283	0.00098	0.03333	3.969276E-06	9.876	0E-04	
611015.43	4206092.03	15019.21842	0.00331	0.03277	3.902588E-06	3.314E-03	611015.43	4206092.03	15019.21842	0.00094	0.03277	3.902588E-06	9.427	6E-04	
611022.43	4206092.03	14349.44208	0.00317	0.03223	3.838276E-06	3.169E-03	611022.43	4206092.03	14349.44208	0.00090	0.03223	3.838276E-06	9.008	2E-04	
611029.43	4206092.03	13723.47597	0.00303	0.03170	3.775166E-06	3.031E-03	611029.43	4206092.03	13723.47597	0.00086	0.03170	3.775166E-06	8.616	3E-04	
611036.43	4206092.03	13137.53129	0.00290	0.03119	3.714426E-06	2.902E-03	611036.43	4206092.03	13137.53129	0.00082	0.03119	3.714426E-06	8.249	4E-04	
611043.43	4206092.03	12588.28119	0.00278	0.03070	3.656076E-06	2.780E-03	611043.43	4206092.03	12588.28119	0.00079	0.03070	3.656076E-06	7.905	5E-04	
611050.43	4206092.03	12072.67377	0.00266	0.03022	3.598808E-06	2.667E-03	611050.43	4206092.03	12072.67377	0.00075	0.03022	3.598808E-06	7.583	0E-04	
611057.43	4206092.03	11588.08953	0.00256	0.02975	3.542938E-06	2.560E-03	611057.43	4206092.03	11588.08953	0.00072	0.02975	3.542938E-06	7.279	2E-04	
611064.43	4206092.03	11132.02447	0.00246	0.02930	3.489346E-06	2.459E-03	611064.43	4206092.03	11132.02447	0.00070	0.02930	3.489346E-06	6.993	5E-04	
611071.43	4206092.03	10702.27008	0.00236	0.02885	3.435756E-06	2.364E-03	611071.43	4206092.03	10702.27008	0.00067	0.02885	3.435756E-06	6.724	4E-04	
611078.43	4206092.03	10296.88779	0.00227	0.02843	3.385736E-06	2.275E-03	611078.43	4206092.03	10296.88779	0.00064	0.02843	3.385736E-06	6.470	5E-04	
611085.43	4206092.03	9914.0901	0.00219	0.02801	3.335716E-06	2.190E-03	611085.43	4206092.03	9914.0901	0.00062	0.02801	3.335716E-06	6.230	7E-04	
611092.43	4206092.03	9552.15179	0.00211	0.02760	3.286898E-06	2.110E-03	611092.43	4206092.03	9552.15179	0.00060	0.02760	3.286898E-06	6.003	9E-04	
611094.43	4206092.03	7070.84438	0.00156	0.04217	4.789455E-05	1.607E-03	611094.43	4206092.03	7070.84438	0.00044	0.04217	4.789455E-05	4.898	9E-04	
611301.43	4206093.03	7360.87732	0.00162	0.04060	4.770575E-05	1.671E-03	611301.43	4206093.03	7360.87732	0.00046	0.04060	4.770575E-05	5.078	4E-04	
611308.43	4206093.03	7668.46827	0.00169	0.03895	4.751108E-05	1.739E-03	611308.43	4206093.03	7668.46827	0.00048	0.03895	4.751108E-05	5.268	7E-04	
611315.43	4206093.03	7994.92756	0.00176	0.39723	4.730626E-05	1.811E-03	611315.43	4206093.03	7994.92756	0.00050	0.39723	4.730626E-05	5.470	7E-04	
611322.43	4206093.03	8341.7985	0.00184	0.39543	4.709188E-05	1.887E-03	611322.43	4206093.03	8341.7985	0.00052	0.39543	4.709188E-05	5.685	4E-04	
611329.43	4206093.03	8710.6808	0.00192	0.39353	4.686555E-05	1.968E-03	611329.43	4206093.03	8710.6808	0.00054	0.39353	4.686555E-05	5.917	9E-04	
611336.43	4206093.03	9103.36365	0.00201	0.39155	4.662976E-05	2.055E-03	611336.43	4206093.03	9103.36365	0.00057	0.39155	4.662976E-05	6.156	8E-04	
611343.43	4206093.03	9521.77148	0.00210	0.38946	4.638088E-05	2.147E-03	611343.43	4206093.03	9521.77148	0.00060	0.38946	4.638088E-05	6.415	9E-04	
611350.43	4206093.03	9968.12405	0.00220	0.38727	4.612006E-05	2.245E-03	611350.43	4206093.03	9968.12405	0.00062	0.38727	4.612006E-05	6.693	5E-04	
611357.43	4206093.03	10444.76341	0.00230	0.38498	4.584473E-05	2.350E-03	611357.43	4206093.03	10444.76341	0.00065	0.38498	4.584473E-05	6.987	5E-04	
611364.43	4206093.03	10954.34115	0.00242	0.38257	4.556035E-05	2.462E-03	611364.43	4206093.03	10954.34115	0.00068	0.38257	4.556035E-05	7.303	2E-04	
611371.43	4206093.03	11499.6782	0.00254	0.38004	4.525906E-05	2.582E-03	611371.43	4206093.03	11499.6782	0.00072	0.38004	4.525906E-05	7.641	1E-04	
611378.43	4206093.03	12083.97535	0.00267	0.37738	4.494422E-05	2.710E-03	611378.43	4206093.03	12083.97535	0.00076	0.37738	4.494422E-05	8.003	1E-04	
611385.43	4206093.03	12710.78714	0.00280	0.37460	4.461126E-05	2.848E-03	611385.43	4206093.03	12710.78714	0.00079	0.37460	4.461126E-05	8.391	6E-04	
611392.43	4206093.03	13383.96042	0.00295	0.37167	4.426226E-05	2.996E-03	611392.43	4206093.03	13383.96042	0.00084	0.37167	4.426226E-05	8.809	0E-04	
611399.43	4206093.03	14107.70473	0.00311	0.36860	4.389668E-05	3.156E-03	611399.43	4206093.03	14107.70473	0.00088	0.36860	4.389668E-05	9.257	6E-04	
611406.43	4206093.03	14887.01643	0.00328	0.36539	4.351143E-05	3.327E-03	611406.43	4206093.03	14887.01643	0.00093	0.36539	4.351143E-05	9.741	0E-04	
611413.43	4206093.03	15727.04771	0.00347	0.36202	4.311308E-05	3.512E-03	611413.43	4206093.03	15727.04771	0.00098	0.36202	4.311308E-05	1.026	2E-03	
611420.43	4206093.03	16646.5743	0.00367	0.35867	4.271416E-05	3.715E-03	611420.43	4206093.03	16646.5743	0.00104	0.35867	4.271416E-05	1.083	3E-03	
611427.43	4206093.03	17642.82895	0.00389	0.35514	4.229397E-05	3.934E-03	611427.43	4206093.03	17642.82895	0.00110	0.35514	4.229397E-05	1.145	2E-03	
611434.43	4206093.03	18722.22778	0.00413	0.35141	4.184956E-05	4.172E-03	611434.43	4206093.03	18722.22778	0.00117	0.35141	4.184956E-05	1.212	2E-03	
611441.43	4206093.03	19891.48316	0.00439	0.34746	4.137915E-05	4.429E-03	611441.43	4206093.03	19891.48316	0.00124	0.34746	4.137915E-05	1.284	8E-03	
611448.43	4206093.03	21164.00815	0.00467	0.34333	4.088725E-05	4.710E-03	611448.43	4206093.03	21164.00815	0.00132	0.34333	4.088725E-05	1.369	9E-03	
611455.43	4206093.03	22547.10623	0.00497	0.33897	4.036808E-05	5.014E-03	611455.43	4206093.03	22547.10623	0.00141	0.33897	4.036808E-05	1.449	8E-03	
611462.43	4206093.03	24057.54564	0.00531	0.33442	3.982616E-05	5.347E-03	611462.43	4206093.03	24057.54564	0.00150	0.33442	3.982616E-05	1.543	7E-03	
611469.43	4206093.03	25705.1509	0.00567	0.32964	3.925698E-05	5.710E-03	611469.43	4206093.03	25705.1509	0.00161	0.32964	3.925698E-05	1.646	1E-03	
611476.43	4206093.03	27508.12997	0.00607	0.32467	3.866505E-05	6.107E-03	611476.43	4206093.03	27508.12997	0.00172	0.32467	3.866505E-05	1.758	2E-03	
611483.43	4206093.03	29488.50321	0.00651	0.31949	3.804821E-05	6.543E-03	611483.43	4206093.03	29488.50321	0.00184	0.31949	3.804821E-05	1.881	4E-03	
611497.43	4206093.03	34001.72707	0.00750	0.30847	3.673575E-05	7.538E-03	611497.43	4206093.03	34001.72707	0.00213	0.30847	3.673575E-05	2.162	2E-03	
611504.43	4206093.03	36602.6328	0.00808	0.30266	3.604388E-05	8.111E-03	611504.43	4206093.03	36602.6328	0.00229	0.30266	3.604388E-05	2.324	1E-03	
611511.43	4206093.03	39479.98486	0.00871	0.29666	3.532393E-05	8.745E-03	611511.43	4206093.03	39479.98486	0.00247	0.29666	3.532393E-05	2.505	2E-03	
611518.43	4206093.03	42673.58625	0.00941	0.29047	3.459215E-05	9.449E-03	611518.43	4206093.03	42673.58625	0.00267	0.29047	3.459215E-05	2.702	1E-03	
611525.43	4206093.03	46230.67625	0.01020	0.28411	3.383476E-05	1.023E-02	611525.43	4206093.03	46230.67625	0.00289	0.28411	3.383476E-05	2.923	7E-03	
611532.43	4206093.03	50208.82055	0.01108	0.27757	3.30558E-05	1.110E-02	611532.43	4206093.03	50208.82055	0.00314	0.27757	3.30558E-05	3.171	6E-03	
611539.43	4206093.03	54684.77995	0.01206	0.27088	3.225912E-05	1.209E-02	611539.43	4206093.03	54684.77995	0.00342	0.27088	3.225912E-05	3.456	0E-03	
611546.43	4206093.03	59733.38821	0.01318	0.26403	3.144346E-05	1.320E-02	611546.43	4206093.03	59733.38821	0.00373	0.26403	3.144346E-05	3.765	4E-03	
611553.43	4206093.03	65470.46392	0.01444	0.25704	3.061096E-05	1.447E-02	611553.43	4206093.03	65470.46392	0.00409	0.25704	3.061096E-05	4.123	2E-03	
611560.43	4206093.03	72046.02325	0.01589	0.24993	2.976422E-05	1.592E-02	611560.43	4206093.03	72046.02325	0.00450	0.24993	2.976422E-05	4.533	4E-03	
611567.43	4206093.03	79724.63287	0.01759	0.24275	2.890501E-05	1.761E-02	611567.43	4206093.03	79724.63287	0.00498	0.24275	2.890501E-05	5.012	5E-03	
611574.43	4206093.03	88704.69529	0.01957	0.23548	2.804335E-05	1.959E-02	611574.43	4206093.03	88704.69529	0.00554	0.23548	2.804335E-05	5.573	0E-03	
611581.43	4206093.03	99307.47724	0.02191	0.22813	2.716805E-05	2.193E-02	611581.43	4206093.03	99307.47724	0.00621	0.22813	2.716805E-05	6.234	9E-03	
611588.43	4206093.03	110334.1044	0.02472	0.22074	2.628805E-05	2.474E-02	611588.43	4206093.03	110334.1044	0.00700	0.22074	2.628805E-05	7.029	6E-03	
611595.43	4206093.03	127514.2772	0.02813	0.21333	2.540555E-05	2.815E-02	611595.43	4206093.03	127514.2772	0.00797	0.21333	2.540555E-05	7.996	3E-03	
611602.43	4206093.03	146508.659	0.03232	0.20591	2.452188E-05	3.234E-02	611602.43	4206093.03	146508.659	0.00916	0.20591	2.452188E-05	9.182	8E-03	
611609.43	4206093.03	169279.1423	0.03735	0.19851	2.364066E-05	3.736E-02	611609.43	4206093.03	169279.1423	0.01058	0.19851	2.364066E-05	1.060	5E-02	
611616.43	4206093.03	192811.6401	0.04254	0.19115	2.276415E-05	4.256E-02	611616.43	4206093.03	192811.6401	0.01205	0.19115	2.276415E-05	1.207	5E-02	
611770.43	4206093.03	281171.0705	0.06203	0.07627	9.083026E-06	6.203E-02	611770.43	4206093.03	281171.0705	0.01758	0.07627	9.083026E-06	1.758	5E-02	
611777.43	4206093.03	265434.2014	0.05856	0.07370	8.776948E-06	5.856E-02	611777.43	4206093.03	265434.2014	0.01659	0.07370	8.776948E-06	1.660	1E-02	
611784.43	4206093.03	238897.5855	0.05270	0.07129	8.489935E-06	5.271E-02	611784.43	4206093.03	238897.5855	0.01493	0.07129	8.489935E-06	1.494	2E-02	
611791.43	4206093.03	209463.7266	0.04621	0.06904	8.221988E-06	4.623E-02	611791.43	4206093.03	209463.7266	0.01309	0.06904	8.221988E-06	1.310	2E-02	
611798.43	4206093.03	182825.672	0.04033	0.06693	7.97070E-06	4.034E-02	611798.43	4206093.03	182825.672	0.01143	0.06693	7.97070E-06	1.143	6E-02	
611805.43	4206093.03	160097.9985	0.03532	0.06494	7.733715E-06	3.532E-02	611805.43	4206093.03	160097.9985	0.01001	0.06494	7.733715E-06	1.001	5E-02	
611812.43	4206093.03	140930.7899	0.03109	0.06307	7.511016E-06	3.109E-02	611812.43	4206093.03	140930.7899	0.00881	0.06307	7.511016E-06	8.817	1E-03	
611819.43	4206093.03	124749.229	0.02752	0.06131	7.301424E-06	2.752E-02	611819.43	4206093.03	124749.229	0.00780	0.06131	7.301424E-06	7.805	4E-03	
611833.43	4206093.03	99314.7062	0.02191	0.05805	6.913188E-06	2.191E-02	611833.43	4206093.03	99314.7062	0.00621	0.05805	6.913188E-06	6.215	1E-03	
611840.43	4206093.03	89274.06032	0.01970	0.05655	6.734556E-06	1.970E-02	611840.43	4206093.03	89274.06032	0.00558	0.05655	6.734556E-06	5.587	3E-03	
611847.43	4206093.03	80614.28409	0.01778	0.05512	6.564425E-06	1.779E-02	611847.43	4206093.03	80614.28409	0.00504	0.05512	6.564425E-06	5.045	8E-03	
611854.43	4206093.03	73106.61975	0.01613	0.05375	6.401096E-06	1.613E-02	611854.43	4206093.03	73106.61975	0.00457	0.05375	6.401096E-06	4.576	3E-03	
611861.43	4206093.03	66564.51218	0.01469	0.05245	6.246286E-06	1.469E-02	611861.43	4206093.03	66564.51218	0.00416	0.05245	6.246286E-06	4.167	2E-03	
611868.43	4206093.03	60835.66345	0.01342	0.05121	6.098608E-06	1.342E-02	611868.43	4206093.03	60835.66345	0.00380	0.05121	6.098608E-06	3.808	0E-03	
611875.43	4206093.03	55795.65353	0.01231	0.05002	5.956899E-06	1.231E-02	611875.43	4206093.03	55795.65353	0.00349	0.05002	5.956899E-06	3.493	8E-03	
611882.43	4206093.03	51341.75003	0.01133	0.04887	5.819938E-06	1.133E-02	611882.43	4206093.03	51341.75003	0.00321	0.04887	5.819938E-06	3.215	2E-03	
611889.43	4206093.03	47389.29402	0.01045	0.04778	5.690138E-06	1.046E-02	611889.43	4206093.03	47389.29402	0.00296	0.04778	5.690138E-06	2.968	8E-03	
611896.43	4206093.03	43867.62454	0.00968	0.04672	5.563898E-06	9.683E-03	611896.43	4206093.03	43867.62454	0.00274	0.04672	5.563898E-06	2.747	7E-03	
611903.43	4206093.03	40717.71904	0.00898	0.04571	5.441616E-06	8.988E-03	611903.43	4206093.03	40717.71904	0.00255	0.04571	5.441616E-06	2.550	5E-03	
611910.43	4206093.03	37890.19139	0.00836	0.04474	5.328098E-06	8.364E-03	611910.43	4206093.03	37890.19139	0.00237	0.04474	5.328098E-06	2.373	9E-03	
611917.43	4206093.03	35143.11393	0.00780	0.04380	5.216156E-06	7.802E-03	611917.43	4206093.03	35143.11393	0.00221	0.04380	5.216156E-06	2.214	5E-03	
611924.43	4206093.03	33041.27443	0.00729	0.04280	5.103877E-06	7.294E-03	611924.43	4206093.03	33041.27443	0.00207	0.04280	5.103877E-06	2.070	5E-03	
611931.43	4206093.03	30954.49111	0.00683	0.04203	5.005366E-06	6.834E-03	611931.43	4206093.03	30954.49111	0.00193	0.04203	5.005366E-06	1.940	0E-03	
611952.43	4206093.03	25745.81317	0.00568	0.03961	4.717166E-06	5.684E-03	611952.43	4206093.03	25745.81317	0.00161	0.03961	4.717166E-06	1.614	1E-03	
611959.43	4206093.03	24296.50355	0.00536	0.03885	4.626656E-06	5.364E-03	611959.43	4206093.03	24296.50355	0.00152	0.03885	4.626656E-06	1.523	4E-03	
611966.43	4206093.03	22965.04796	0.00507	0.03813	4.540916E-06	5.070E-03	611966.43	4206093.03	22965.04796	0.00144	0.03813	4.540916E-06	1.440	1E-03	
611973.43	4206093.03	21739.13232	0.00480	0.03742	4.456356E-06	4.800E-03	611973.43	4206093.03	21739.13232	0.00136	0.03742	4.456356E-06	1.363	4E-03	
611980.43	4206093.03	20607.95786	0.00455	0.03674	4.375376E-06	4.550E-03	611980.43	4206093.03	20607.95786	0.00129	0.03674	4.375376E-06	1.292	6E-03	
611987.43	4206093.03	19562.05245	0.00432	0.03609	4.297996E-06	4.320E-03	611987.43	4206093.03	19562.05245	0.00122	0.03609	4.297996E-06	1.227	1E-03	
611994.43	4206093.03	18593.11852	0.00410	0.03545	4.221746E-06	4.101E-03	611994.43	4206093.03	18593.11852	0.00116	0.03545	4.221746E-06	1.165	5E-03	
612001.43	4206093.03	17693.75886	0.00390	0.03484	4.149106E-06	3.907E-03	612001.43	4206093.03	17693.75886	0.00111	0.03484	4.149106E-06	1.110	2E-03	
612008.43	4206093.03	16857.72036	0.00372	0.03424	4.077656E-06	3.723E-03	612008.43	4206093.03	16857.72036	0.00105	0.03424	4.077656E-06	1.057	8E-03	
612015.43	4206093.03	16078.68024	0.00355	0.03366	4.008576E-06	3.551E-03	612015.43	4206093.03	16078.68024	0.00101	0.03366	4.008576E-06	1.009	1E-03	
612022.43	4206093.03	15352.07059	0.00339	0.03310	3.941886E-06	3.390E-03	612022.43	4206093.03	15352.07059	0.00096	0.03310	3.941886E-06	9.636	0E-04	
612029.43	4206093.03	14673.23901	0.00324	0.03256	3.877576E-06	3.241E-03	612029.43	4206093.03	14673.23901	0.00092	0.03256	3.877576E-06	9.211	0E-04	
612036.43	4206093.03	14038.10828	0.00310	0.03203	3.814466E-06	3.100E-03	612036.43	4206093.03	14038.10828	0.00088	0.03203	3.814466E-06	8.814	0E-04	
612043.43	4206093.03	13442.80099	0.00297	0.03152	3.753726E-06	2.969E-03	612043.43	4206093.03	13442.80099	0.00084	0.03152	3.753726E-06	8.442	7E-04	
612050.43	4206093.03	12884.48762	0.00284	0.03103	3.695376E-06	2.846E-03	612050.43	4206093.03	12884.48762	0.00081	0.03103	3.695376E-06	8.091	1E-04	
612057.43	4206093.03	12359.81568	0.00273	0.03054	3.637016E-06	2.730E-03	612057.43	4206093.03	12359.81568	0.00077	0.03054	3.637016E-06	7.762	5E-04	
612064.43	4206093.03	11866.24685	0.00262	0.03008	3.582238E-06	2.621E-03	612064.43	4206093.03	11866.24685	0.00074	0.03008	3.582238E-06	7.453	4E-04	
612071.43	4206093.03	11401.4039	0.00252	0.02962	3.527456E-06	2.518E-03	612071.43	4206093.03	11401.4039	0.00071	0.02962	3.527456E-06	7.163	5E-04	
612078.43	4206093.03	10963.04755	0.00242	0.02918	3.475056E-06	2.422E-03	612078.43	4206093.03	10963.04755	0.00069	0.02918	3.475056E-06	6.887	8E-04	
612094.43	4206093.03	9951.56186	0.00153	0.42073	5.010488E-05	1.583E-03	612094.43	4206106.03	9951.56186	0.00043	0.42073	5.010488E-05	4.846	5E-04

611008.43	4206106.03	18010.76746	0.00397	0.03520	4.19197E-06	3.9776E-03	611008.43	4206106.03	18010.76746	0.00113	0.03520	4.19197E-06	1.1300E-03	
611015.43	4206106.03	17169.97966	0.00379	0.03460	4.12052E-06	3.7921E-03	611015.43	4206106.03	17169.97966	0.00107	0.03460	4.12052E-06	1.0774E-03	
611022.43	4206106.03	16385.6372	0.00361	0.03403	4.05264E-06	3.6189E-03	611022.43	4206106.03	16385.6372	0.00102	0.03403	4.05264E-06	1.0283E-03	
611029.43	4206106.03	15652.99563	0.00345	0.03347	3.98595E-06	3.4573E-03	611029.43	4206106.03	15652.99563	0.00098	0.03347	3.98595E-06	9.8246E-04	
611036.43	4206106.03	14967.57886	0.00330	0.03292	3.92045E-06	3.3060E-03	611036.43	4206106.03	14967.57886	0.00094	0.03292	3.92045E-06	9.3955E-04	
611043.43	4206106.03	14325.47423	0.00316	0.03239	3.85733E-06	3.1643E-03	611043.43	4206106.03	14325.47423	0.00090	0.03239	3.85733E-06	8.9935E-04	
611050.43	4206106.03	13723.16049	0.00303	0.03188	3.79659E-06	3.0313E-03	611050.43	4206106.03	13723.16049	0.00086	0.03188	3.79659E-06	8.6163E-04	
611057.43	4206106.03	13157.4919	0.00290	0.03138	3.7370S-06	2.9065E-03	611057.43	4206106.03	13157.4919	0.00082	0.03138	3.7370S-06	8.2621E-04	
611064.43	4206106.03	12625.43583	0.00279	0.03090	3.67988E-06	2.7890E-03	611064.43	4206106.03	12625.43583	0.00079	0.03090	3.67988E-06	7.9290E-04	
611071.43	4206106.03	12124.49966	0.00267	0.03043	3.62391E-06	2.6785E-03	611071.43	4206106.03	12124.49966	0.00076	0.03043	3.62391E-06	7.6153E-04	
610294.43	4206113.03	6830.62505	0.00151	0.04066	5.24783E-05	1.5594E-03	610294.43	4206113.03	6830.62505	0.00043	0.04066	5.24783E-05	4.7946E-04	
610301.43	4206113.03	7108.81441	0.00157	0.43911	5.22937E-05	1.6206E-03	610301.43	4206113.03	7108.81441	0.00044	0.43911	5.22937E-05	4.9667E-04	
610308.43	4206113.03	7403.78126	0.00163	0.43749	5.21007E-05	1.6855E-03	610308.43	4206113.03	7403.78126	0.00046	0.43749	5.21007E-05	5.1491E-04	
610315.43	4206113.03	7716.97957	0.00170	0.43579	5.18983E-05	1.7544E-03	610315.43	4206113.03	7716.97957	0.00048	0.43579	5.18983E-05	5.3420E-04	
610322.43	4206113.03	8049.80991	0.00178	0.43400	5.16851E-05	1.8276E-03	610322.43	4206113.03	8049.80991	0.00050	0.43400	5.16851E-05	5.5488E-04	
610329.43	4206113.03	8403.8239	0.00185	0.43212	5.14612E-05	1.9050E-03	610329.43	4206113.03	8403.8239	0.00053	0.43212	5.14612E-05	5.7679E-04	
610336.43	4206113.03	8780.84414	0.00194	0.43014	5.12254E-05	1.9884E-03	610336.43	4206113.03	8780.84414	0.00055	0.43014	5.12254E-05	6.0012E-04	
610343.43	4206113.03	9182.7275	0.00203	0.42807	5.09789E-05	2.0768E-03	610343.43	4206113.03	9182.7275	0.00057	0.42807	5.09789E-05	6.2499E-04	
610350.43	4206113.03	9611.67142	0.00212	0.42588	5.07181E-05	2.1712E-03	610350.43	4206113.03	9611.67142	0.00060	0.42588	5.07181E-05	6.5155E-04	
610357.43	4206113.03	10069.89608	0.00222	0.42358	5.04442E-05	2.2720E-03	610357.43	4206113.03	10069.89608	0.00063	0.42358	5.04442E-05	6.7992E-04	
610364.43	4206113.03	10560.13083	0.00233	0.42115	5.01548E-05	2.3798E-03	610364.43	4206113.03	10560.13083	0.00066	0.42115	5.01548E-05	7.1027E-04	
610371.43	4206113.03	11085.06448	0.00245	0.41860	4.98511E-05	2.4954E-03	610371.43	4206113.03	11085.06448	0.00069	0.41860	4.98511E-05	7.4278E-04	
610378.43	4206113.03	11647.9499	0.00257	0.41592	4.95320E-05	2.6192E-03	610378.43	4206113.03	11647.9499	0.00073	0.41592	4.95320E-05	7.7765E-04	
610385.43	4206113.03	12252.2617	0.00270	0.41309	4.91949E-05	2.7522E-03	610385.43	4206113.03	12252.2617	0.00077	0.41309	4.91949E-05	8.1509E-04	
610392.43	4206113.03	12901.87641	0.00285	0.41011	4.88400E-05	2.8952E-03	610392.43	4206113.03	12901.87641	0.00081	0.41011	4.88400E-05	8.5534E-04	
610399.43	4206113.03	13601.08879	0.00300	0.40698	4.84673E-05	3.0491E-03	610399.43	4206113.03	13601.08879	0.00085	0.40698	4.84673E-05	8.9867E-04	
610406.43	4206113.03	14354.71914	0.00317	0.40368	4.80743E-05	3.2149E-03	610406.43	4206113.03	14354.71914	0.00090	0.40368	4.80743E-05	9.4538E-04	
610413.43	4206113.03	15167.98488	0.00335	0.40022	4.76622E-05	3.3939E-03	610413.43	4206113.03	15167.98488	0.00095	0.40022	4.76622E-05	9.9582E-04	
610420.43	4206113.03	16058.33275	0.00354	0.39675	4.72490E-05	3.5899E-03	610420.43	4206113.03	16058.33275	0.00100	0.39675	4.72490E-05	1.0511E-03	
610427.43	4206113.03	17022.64953	0.00376	0.39307	4.68108E-05	3.8022E-03	610427.43	4206113.03	17022.64953	0.00106	0.39307	4.68108E-05	1.1109E-03	
610434.43	4206113.03	18068.76267	0.00399	0.38918	4.63475E-05	4.0326E-03	610434.43	4206113.03	18068.76267	0.00113	0.38918	4.63475E-05	1.1758E-03	
610441.43	4206113.03	19207.11824	0.00424	0.38507	4.5858E-05	4.2832E-03	610441.43	4206113.03	19207.11824	0.00120	0.38507	4.5858E-05	1.2465E-03	
610448.43	4206113.03	20443.94778	0.00451	0.38073	4.53412E-05	4.5556E-03	610448.43	4206113.03	20443.94778	0.00128	0.38073	4.53412E-05	1.3233E-03	
610455.43	4206113.03	21792.26964	0.00481	0.37616	4.4796E-05	4.8525E-03	610455.43	4206113.03	21792.26964	0.00136	0.37616	4.4796E-05	1.4070E-03	
610462.43	4206113.03	23264.796	0.00513	0.37135	4.42241E-05	5.1768E-03	610462.43	4206113.03	23264.796	0.00145	0.37135	4.42241E-05	1.4985E-03	
610469.43	4206113.03	24875.95795	0.00549	0.36631	4.36239E-05	5.5316E-03	610469.43	4206113.03	24875.95795	0.00156	0.36631	4.36239E-05	1.5986E-03	
610476.43	4206113.03	26645.02101	0.00588	0.36103	4.2995E-05	5.9213E-03	610476.43	4206113.03	26645.02101	0.00167	0.36103	4.2995E-05	1.7086E-03	
610483.43	4206113.03	28585.54898	0.00631	0.35550	4.23365E-05	6.3487E-03	610483.43	4206113.03	28585.54898	0.00179	0.35550	4.23365E-05	1.8292E-03	
610497.43	4206113.03	33041.64055	0.00729	0.34368	4.09289E-05	7.3394E-03	610497.43	4206113.03	33041.64055	0.00207	0.34368	4.09289E-05	2.1064E-03	
610504.43	4206113.03	35617.31991	0.00786	0.33740	4.01810E-05	7.8978E-03	610504.43	4206113.03	35617.31991	0.00223	0.33740	4.01810E-05	2.2666E-03	
610511.43	4206113.03	38477.06188	0.00849	0.33090	3.94069E-05	8.5280E-03	610511.43	4206113.03	38477.06188	0.00241	0.33090	3.94069E-05	2.4446E-03	
610518.43	4206113.03	41652.52736	0.00919	0.32415	3.86031E-05	9.2277E-03	610518.43	4206113.03	41652.52736	0.00260	0.32415	3.86031E-05	2.6428E-03	
610525.43	4206113.03	45196.1151	0.00997	0.31719	3.77742E-05	1.0009E-02	610525.43	4206113.03	45196.1151	0.00283	0.31719	3.77742E-05	2.8630E-03	
610532.43	4206113.03	49172.07714	0.01085	0.31000	3.69179E-05	1.0885E-02	610532.43	4206113.03	49172.07714	0.00307	0.31000	3.69179E-05	3.1107E-03	
610539.43	4206113.03	53640.27036	0.01183	0.30260	3.6036E-05	1.1870E-02	610539.43	4206113.03	53640.27036	0.00335	0.30260	3.6036E-05	3.3891E-03	
610546.43	4206113.03	58702.0008	0.01295	0.29501	3.5132E-05	1.2986E-02	610546.43	4206113.03	58702.0008	0.00367	0.29501	3.5132E-05	3.7046E-03	
610553.43	4206113.03	64454.00908	0.01422	0.28722	3.4205E-05	1.4254E-02	610553.43	4206113.03	64454.00908	0.00403	0.28722	3.4205E-05	4.0632E-03	
610560.43	4206113.03	71054.231	0.01568	0.27927	3.3258E-05	1.5709E-02	610560.43	4206113.03	71054.231	0.00444	0.27927	3.3258E-05	4.4748E-03	
610567.43	4206113.03	78747.08173	0.01737	0.27118	3.2294E-05	1.7405E-02	610567.43	4206113.03	78747.08173	0.00492	0.27118	3.2294E-05	4.9548E-03	
610574.43	4206113.03	87733.94454	0.01936	0.26297	3.1317E-05	1.9387E-02	610574.43	4206113.03	87733.94454	0.00548	0.26297	3.1317E-05	5.5156E-03	
610581.43	4206113.03	98374.1961	0.02170	0.25465	3.0326E-05	2.1731E-02	610581.43	4206113.03	98374.1961	0.00615	0.25465	3.0326E-05	6.1797E-03	
610588.43	4206113.03	111107.4918	0.02451	0.24625	2.9325E-05	2.4541E-02	610588.43	4206113.03	111107.4918	0.00695	0.24625	2.9325E-05	6.9747E-03	
610595.43	4206113.03	126608.7256	0.02793	0.23779	2.8314E-05	2.7960E-02	610595.43	4206113.03	126608.7256	0.00791	0.23779	2.8314E-05	7.9427E-03	
610602.43	4206113.03	145601.4954	0.03212	0.22931	2.7308E-05	3.2149E-02	610602.43	4206113.03	145601.4954	0.00910	0.22931	2.7308E-05	9.1289E-03	
610609.43	4206113.03	168383.8813	0.03715	0.22083	2.629E-05	3.7174E-02	610609.43	4206113.03	168383.8813	0.01053	0.22083	2.629E-05	1.0552E-02	
610616.43	4206113.03	192142.8678	0.04239	0.21238	2.5292E-05	4.2415E-02	610616.43	4206113.03	192142.8678	0.01201	0.21238	2.5292E-05	1.2036E-02	
610620	4206111.63	202654.8355	0.04471	0.20587	2.4517E-05	4.4731E-02	610620	4206111.63	202654.8355	0.01267	0.20587	2.4517E-05	1.2693E-02	
610707.12	4206113.03	299688.918	0.06612	0.08285	9.8666E-06	6.6125E-02	610707.12	4206113.03	299688.918	0.01873	0.08285	9.8666E-06	1.8743E-02	
610770.43	4206113.03	294430.9435	0.06496	0.08172	9.73204E-06	6.4965E-02	610770.43	4206113.03	294430.9435	0.01840	0.08172	9.73204E-06	1.8415E-02	
610777.43	4206113.03	278417.9581	0.06142	0.07891	9.3974E-06	6.1432E-02	610777.43	4206113.03	278417.9581	0.01740	0.07891	9.3974E-06	1.7413E-02	
610784.43	4206113.03	251713.3262	0.05553	0.07629	9.0853E-06	5.5540E-02	610784.43	4206113.03	251713.3262	0.01573	0.07629	9.0853E-06	1.5744E-02	
610791.43	4206113.03	222342.4015	0.04905	0.07383	8.7924E-06	4.9061E-02	610791.43	4206113.03	222342.4015	0.01390	0.07383	8.7924E-06	1.3907E-02	
610798.43	4206113.03	195699.3832	0.04317	0.07153	8.518E-06	4.3182E-02	610798.43	4206113.03	195699.3832	0.01223	0.07153	8.518E-06	1.2242E-02	
610805.43	4206113.03	172843.2602	0.03813	0.06938	8.2624E-06	3.8140E-02	610805.43	4206113.03	172843.2602	0.01080	0.06938	8.2624E-06	1.0813E-02	
610812.43	4206113.03	153411.9092	0.03384	0.06734	8.0195E-06	3.3851E-02	610812.43	4206113.03	153411.9092	0.00959	0.06734	8.0195E-06	9.5978E-03	
610819.43	4206113.03	136850.9366	0.03019	0.06542	7.7908E-06	3.0198E-02	610819.43	4206113.03	136850.9366	0.00855	0.06542	7.7908E-06	8.5624E-03	
610833.43	4206113.03	110419.7935	0.02436	0.06189	7.3704E-06	2.4367E-02	610833.43	4206113.03	110419.7935	0.00690	0.06189	7.3704E-06	6.9097E-03	
610840.43	4206113.03	98812.24436	0.02202	0.06026	7.1763E-06	2.2027E-02	610840.43	4206113.03	98812.24436	0.00624	0.06026	7.1763E-06	6.2465E-03	
610847.43	4206113.03	90569.23945	0.01998	0.05871	6.9917BE-06	1.9988E-02	610847.43	4206113.03	90569.23945	0.00566	0.05871	6.9917BE-06	5.6685E-03	
610854.43	4206113.03	82477.58318	0.01820	0.05723	6.81553E-06	1.8202E-02	610854.43	4206113.03	82477.58318	0.00516	0.05723	6.81553E-06	5.1625E-03	
610861.43	4206113.03	75362.58709	0.01663	0.05582	6.647616-06	1.6633E-02	610861.43	4206113.03	75362.58709	0.00471	0.05582	6.647616-06	4.7176E-03	
610868.43	4206113.03	69080.4279	0.01524	0.05447	6.48684E-06	1.5247E-02	610868.43	4206113.03	69080.4279	0.00432	0.05447	6.48684E-06	4.3247E-03	
610875.43	4206113.03	63511.96779	0.01401	0.05318	6.33121E-06	1.4018E-02	610875.43	4206113.03	63511.96779	0.00397	0.05318	6.33121E-06	3.9765E-03	
610882.43	4206113.03	58557.74822	0.01292	0.05194	6.18554E-06	1.2925E-02	610882.43	4206113.03	58557.74822	0.00366	0.05194	6.18554E-06	3.6656E-03	
610889.43	4206113.03	54134.55611	0.01194	0.05076	6.04501E-06	1.1949E-02	610889.43	4206113.03	54134.55611	0.00338	0.05076	6.04501E-06	3.3900E-03	
610896.43	4206113.03	50172.1321	0.01107	0.04962	5.90925E-06	1.1075E-02	610896.43	4206113.03	50172.1321	0.00314	0.04962	5.90925E-06	3.1422E-03	
610903.43	4206113.03	46611.21116	0.01028	0.04853	5.77944E-06	1.0289E-02	610903.43	4206113.03	46611.21116	0.00291	0.04853	5.77944E-06	2.9195E-03	
610910.43	4206113.03	43401.1337	0.00957	0.04748	5.65440E-06	9.5805E-03	610910.43	4206113.03	43401.1337	0.00271	0.04748	5.65440E-06	2.7187E-03	
610917.43	4206113.03	40499.03435	0.00893	0.04647	5.53412E-06	8.9402E-03	610917.43	4206113.03	40499.03435	0.00253	0.04647	5.53412E-06	2.5371E-03	
610924.43	4206113.03	37867.81529	0.00835	0.04550	5.41860E-06	8.3596E-03	610924.43	4206113.03	37867.81529	0.00237	0.04550	5.41860E-06	2.3725E-03	
610931.43	4206113.03	35475.97175	0.00783	0.04457	5.30785E-06	7.8318E-03	610931.43	4206113.03	35475.97175	0.00222	0.04457	5.30785E-06	2.2229E-03	
610952.43	4206113.03	29481.06216	0.00650	0.04196	4.99702E-06	6.5088E-03	610952.43	4206113.03	29481.06216	0.00184	0.04196	4.99702E-06	1.8479E-03	
610959.43	4206113.03	27807.32407	0.00613	0.04115	4.90056E-06	6.1396E-03	610959.43	4206113.03	27807.32407	0.00174	0.04115	4.90056E-06	1.7431E-03	
610966.43	4206113.03	26267.96441	0.00580	0.04038	4.80886E-06	5.7999E-03	610966.43	4206113.03	26267.96441	0.00164	0.04038	4.80886E-06	1.6468E-03	
610973.43	4206113.03	24849.35	0.00548	0.03962	4.71835E-06	5.4868E-03	610973.43	4206113.03	24849.35	0.00155	0.03962	4.71835E-06	1.5581E-03	
610980.43	4206113.03	23539.27068	0.00519	0.03890	4.63261E-06	5.1977E-03	610980.43	4206113.03	23539.27068	0.00147	0.03890	4.63261E-06	1.4761E-03	
610987.43	4206113.03	22327.41937	0.00493	0.03819	4.5485E-06	4.9303E-03	610987.43	4206113.03	22327.41937	0.00140	0.03819	4.5485E-06	1.4002E-03	
610994.43	4206113.03	21204.19248	0.00468	0.03751	4.46707E-06	4.6824E-03	610994.43	4206113.03	21204.19248	0.00133	0.03751	4.46707E-06	1.3299E-03	
611001.43	4206113.03	20161.41287	0.00445	0.03686	4.38966E-06	4.4528E-03	611001.43	4206113.03	20161.41287	0.00126	0.03686	4.38966E-06	1.2647E-03	
611008.43	4206113.03	19191.73678	0.00423	0.03622	4.31344E-06	4.2383E-03	611008.43	4206113.03	19191.73678	0.00120	0.03622	4.31344E-06	1.2040E-03	
611015.43	4206113.03	18288.50155	0.00403	0.03560	4.23961E-06	4.0389E-03	611015.43	4206113.03	18288.50155	0.00114	0.03560	4.23961E-06	1.1475E-03	
611022.43	4206113.03	17445.96622	0.00385	0.03500	4.16815E-06	3.8530E-03	611022.43	4206113.03	17445.96622	0.00109	0.03500	4.16815E-06	1.0947E-03	
611029.43	4206113.03	16658.93169	0.00368	0.03442	4.09908E-06	3.6793E-03	611029.43	4206113.03	16658.93169	0.00104	0.03442	4.09908E-06	1.0455E-03	
611036.43	4206113.03	15922.69421	0.00351	0.03386	4.03239E-06	3.5168E-03	611036.43	4206113.03	15922.69421	0.00100	0.03386	4.03239E-06	9.9398E-04	
611043.43	4206113.03	15232.98144	0.00336	0.03332	3.9680BE-06	3.3646E-03	611043.43	4206113.03	15232.98144	0.00095	0.03332	3.9680BE-06	9.5618E-04	
611050.43	4206113.03	14586.09516	0.00322	0.03279	3.90496E-06	3.2218E-03	611050.43	4206113.03	14586.09516	0.00091	0.03279	3.90496E-06	9.1568E-04	
611057.43	4206113.03	13978.51799	0.00308	0.03227	3.8403E-06	3.0877E-03	611057.43	4206113.03	13978.51799	0.00087	0.03227	3.8403E-06	8.7764E-04	
611064.43	4206113.03	13407.32418	0.00296	0.03177	3.78349E-06	2.9616E-03	611064.43	4206113.03	13407.32418	0.00084	0.03177	3.78349E-06	8.4188E-04	
611071.43	4206113.03	12869.60491	0.00284	0.03129	3.72633E-06	2.8429E-03	611071.43	4206113.03	12869.60491	0.00080	0.03129	3.72633E-06	8.0821E-04	
610294.43	4206120.03	6708.22892	0.00148	0.46209	5.50304E-05	1.5350E-03	610294.43	4206120.03	6708.22892	0.00042	0.46209	5.50304E-05	4.7436E-04	
610301.43	4206120.03	6980.12802	0.00154	0.46056	5.48481E-05	1.5948E-03	610301.43	4206120.03	6980.12802	0.00044	0.46056	5.48481E-05	4.9118E-04	
610308.43	4206120.03	7268.54586	0.00160	0.45895	5.46564E-05	1.6582E-03	610308.43	4206120.03	7268.54586	0.00045	0.45895	5.46564E-05	5.0901E-04	
610315.43	4206120.03	7574.68758	0.00167	0.45726	5.44551E-05	1.7255E-03	610315.43	4206120.03	7574.68758	0.00047	0.45726	5.44551E-05	5.2795E-04	
610322.43	4206120.03	7900.05102	0.00174	0.45548	5.42432E-05	1.7971E-03	610322.43	4206120.03	7900.05102	0.00049	0.45548	5.42432E-05	5.4808E-04	
610329.43	4206120.03	8246.1828	0.00182	0.45362	5.40217E-05	1.8732E-03	610329.43	4206120.03	8246.1828	0.00052	0.45362	5.40217E-05	5.6949E-04	
610336.43	4206120.03	8614.82394	0.00190	0.45165	5.37871E-05	1.9543E-03	610336.43	4206120.03	8614.82394	0.00054	0.45165	5.37871E-05	5.9230E-04	
610343.43	4206120.03	9007.84348	0.00199	0.44958	5.35405E-05	2.0408E-03	610343.43	4206120.03	9007.84348	0.00056	0.44958	5.35405E-05	6.1662E-04	
610350.43	4206120.03	9427.35512	0.00208	0.44740	5.32809E-05	2.1331E-03	610350.43	4206120.03	9427.35512	0.00059	0.44740	5.32809E-05	6.4250E-04	
610357.43	4206120.03	9875.67957	0.00218	0.44510	5.30070E-05	2.2317E-03	610357.43	4206120.03	9875.67957	0.00062	0.44510	5.30070E-05	6.7034E-04	
610364.43	4206120.03	10355.28743	0.00228	0.44267	5.27176E-05	2.3372E-03	610364.43	4206120.03	10355.28743	0.00065	0.44267	5.27176E-05	7.0003E-04	
610371.43	4206120.03	10869.08232	0.00240	0.44011	5.24128E-05	2.4503E-03	610371.43	4206120.03	10869.08232	0.00068	0.44011	5.24128E-05	7.3184E-04	
610378.43	4206120.03	11420.17388	0.00252	0.43742	5.20924E-05	2.5715E-03	610378.43	4206120.03	11420.17388	0.00071	0.43742	5.20924E-05	7.6597E-04	
610385.43	4206120.03	12012.02069	0.00265	0.43457	5.17530E-05	2.7018E-03	610385.43	4206120.03	12012.02069	0.00075	0.43457	5.17530E-05	8.0263E-04	
610392.43	4206120.03	12648.47783	0.00279	0.43157	5.13957E-05	2.8418E-03	610392.43	4206120.03	12648.47783	0.00079	0.43157	5.13957E-05	8.4452E-04	
610399.43	4206120.03	13333.76217	0.00294	0.42841	5.10194E-05	2.9968E-03	610399.43	4206120.03	13333.76217	0.00083	0.42841	5.10194E-05	8.8452E-04	
610406.43	4206120.03	14072.80679	0.00310	0.42508	5.06228E-05	3.1553E-03	610406.43	4206120.03	14072.80679	0.00088	0.42508	5.06228E-05	9.3032E-04	
610413.43	4206120.03	14870.7554	0.00328	0.42157	5.0204BE-05	3.3309E-03	610413.43	4206120.03	14870.7554	0.00093	0.42157	5.0204BE-05	9.7978E-04	
610420.43	4206120.03	15744.94703	0.00347	0.41807	4.97880E-05	3.5233E-03	610420.43	4206120.03	15744.94703	0.00098	0.41807	4.97880E-05	1.0340E-03	
610427.43	4206120.03	16690.94555	0.00368	0.41432	4.93414E-05	3.7316E-03	610427.43	4206120.03	16690.94555	0.00104	0.41432	4.93414E-05	1.0927E-03	
610434.43	4206120.03	17717.75278	0.00391	0.41034	4.88674E-05	3.9576E-03	610434.43	4206120.03	17717.75278	0.00111	0.41034	4.88674E-05	1.1564E-03	
610441.43	4206120.03	18835.7854	0.00416	0.40615	4.83685E-05	4.2038E-03	610441.43	4206120.03	18835.7854	0.00118	0.40615	4.83685E-05	1.2258E-03	
610448.43	4206120.03	20051.48176	0.00442	0.40170	4.78385E-05	4.4715E-03	610448.43	4206120.03	20051.48176	0.00125	0.40170	4.78385E-05	1.3013E-03	
610455.43	4206120.03	21379.66549	0.00472	0.39703	4.7283E-05	4.7639E-03	610455.43	4206120.03	21379.66549	0.00134	0.39703	4.7283E-05	1.3837E-03	
610462.43	4206120.03	22829.04836	0.00504	0.39210	4.66952E-05	5.0831E-03	610462.43	4206120.03	22829.04836	0.00143	0.39210	4.66952E-05	1.4737E-03	
610469.43	4206120.03	24418.77993	0.00539	0.38693	4.60795E-05	5.4332E-03	610469.43	4206120.03	24418.77993	0.00153	0.38693	4.60795E-05	1.5725E-03	
610476.43	4206120.03	26160.3683	0.00577	0.38148	4.5430SE-05	5.8168E-03	610476.43	4206120.03	26160.3683	0.00164	0.38148	4.5430SE-05	1.6807E-03	
610483.43	4206120.03	28078.24274	0.00619	0.37579	4.47529E-05	6.2392E-03	610483.43	4206120.03	28078.24274	0.00176	0.37579	4.47529E-05	1.7999E-03	
610497.43	4206120.03	32489.18529	0.00717	0.36355	4.32952E-05	7.2108E-03	610497.43	4206120.03	32489.18529	0.00203	0.36355	4.32952E-05	2.0742E-03	
610504.43	4206120.03	35050.91944	0.00773	0.35704	4.25199E-05	7.7752E-03	610504.43	4206120.03	35050.91944	0.00219	0.35704	4.25199E-05	2.2336E-03	
610511.43	4206120.03	37889.73768	0.00836	0.35027	4.1717E-05	8.4007E-03	610511.43	4206120.03	37889.73768	0.00237	0.35027	4.1717E-05	2.4102E-03	
610518.43	4206120.03	41050.19339	0.00906	0.34324	4.08765E-05	9.0971E-03	610518.43	4206120.03	41050.19339	0.00257	0.34324	4.08765E-05	2.6069E-03	
610525.43	4206120.03	44580.89087	0.00984	0.33595	4.00083E-05	9.8752E-03	610525.43	4206120.03	44580.89087	0.00279	0.33595	4.00083E-05	2.8268E-03	
610532.43	4206120.03	48540.71343	0.01071	0.32842	3.9111E-05	1.0748E-02	610532.43	4206120.03	48540.71343	0.00303	0.32842	3.9111E-05	3.0734E-03	
610539.43	4206120.03	53001.40069	0.01169	0.32064	3.8185E-05	1.1731E-02	610539.43	4206120.03	53001.40069	0.00331	0.32064	3.8185E-05	3.3513E-03	
610546.43	4206120.03	58052.0253	0.01281	0.31263	3.7231E-05	1.2844E-02	610546.43	4206120.03	58052.0253	0.00363	0.31263	3.7231E-05	3.6661E-03	
610553.43	4206120.03	61803.81463	0.01408	0.30441	3.625225-05	1.4112E-02	610553.43	4206120.03	61803.81463	0.00399	0.30441	3.625225-05	4.0246E-03	
610560.43	4206120.03	70409.07493	0.01553	0.29

610469.43	4206127.03	23931.8355	0.00528	0.40928	4.87412E-05	5.32844E-03	610469.43	4206127.03	23931.8355	0.00150	0.40928	4.87412E-05	1.54477E-03
610476.43	4206127.03	25648.00269	0.00566	0.40369	4.80755E-05	5.70564E-03	610476.43	4206127.03	25648.00269	0.00160	0.40369	4.80755E-05	1.65139E-03
610483.43	4206127.03	27536.91429	0.00608	0.39782	4.73764E-05	6.12245E-03	610483.43	4206127.03	27536.91429	0.00172	0.39782	4.73764E-05	1.76387E-03
610497.43	4206127.03	31898.23549	0.00704	0.38518	4.58711E-05	7.08316E-03	610497.43	4206127.03	31898.23549	0.00199	0.38518	4.58711E-05	2.03988E-03
610504.43	4206127.03	34433.41554	0.00760	0.37842	4.50661E-05	7.64155E-03	610504.43	4206127.03	34433.41554	0.00215	0.37842	4.50661E-05	2.19755E-03
610511.43	4206127.03	37250.53965	0.00822	0.37138	4.42277E-05	8.26226E-03	610511.43	4206127.03	37250.53965	0.00233	0.37138	4.42277E-05	2.37288E-03
610518.43	4206127.03	40390.56344	0.00891	0.36405	4.33548E-05	8.95411E-03	610518.43	4206127.03	40390.56344	0.00252	0.36405	4.33548E-05	2.56822E-03
610525.43	4206127.03	43897.17352	0.00968	0.35643	4.24473E-05	9.72588E-03	610525.43	4206127.03	43897.17352	0.00274	0.35643	4.24473E-05	2.78650E-03
610532.43	4206127.03	47840.05006	0.01055	0.34854	4.15077E-05	1.0596E-02	610532.43	4206127.03	47840.05006	0.00299	0.34854	4.15077E-05	3.03208E-03
610539.43	4206127.03	52286.80191	0.01154	0.34036	4.05335E-05	1.15766E-02	610539.43	4206127.03	52286.80191	0.00327	0.34036	4.05335E-05	3.30900E-03
610546.43	4206127.03	57326.78569	0.01265	0.33193	3.95296E-05	1.26287E-02	610546.43	4206127.03	57326.78569	0.00358	0.33193	3.95296E-05	3.62308E-03
610553.43	4206127.03	63072.37842	0.01391	0.32324	3.84947E-05	1.39536E-02	610553.43	4206127.03	63072.37842	0.00394	0.32324	3.84947E-05	3.98120E-03
610560.43	4206127.03	69667.02087	0.01537	0.31432	3.74324E-05	1.54037E-02	610560.43	4206127.03	69667.02087	0.00435	0.31432	3.74324E-05	4.39218E-03
610567.43	4206127.03	77342.00392	0.01706	0.30520	3.63463E-05	1.70998E-02	610567.43	4206127.03	77342.00392	0.00483	0.30520	3.63463E-05	4.87108E-03
610574.43	4206127.03	86313.97688	0.01904	0.29589	3.52376E-05	1.90776E-02	610574.43	4206127.03	86313.97688	0.00540	0.29589	3.52376E-05	5.43070E-03
610581.43	4206127.03	96909.66316	0.02138	0.28641	3.41088E-05	2.14146E-02	610581.43	4206127.03	96909.66316	0.00606	0.28641	3.41088E-05	6.09205E-03
610588.43	4206127.03	109623.8489	0.02418	0.27681	3.29653E-05	2.42176E-02	610588.43	4206127.03	109623.8489	0.00685	0.27681	3.29653E-05	6.88566E-03
610595.43	4206127.03	125080.4937	0.02759	0.26711	3.18102E-05	2.76266E-02	610595.43	4206127.03	125080.4937	0.00782	0.26711	3.18102E-05	7.85006E-03
610602.43	4206127.03	144036.7213	0.03178	0.25734	3.06467E-05	3.18076E-02	610602.43	4206127.03	144036.7213	0.00900	0.25734	3.06467E-05	9.03444E-03
610609.43	4206127.03	166798.8507	0.03680	0.24756	2.94819E-05	3.68288E-02	610609.43	4206127.03	166798.8507	0.01043	0.24756	2.94819E-05	1.04566E-02
610616.43	4206127.03	190740.7003	0.04208	0.23779	2.83184E-05	4.21108E-02	610616.43	4206127.03	190740.7003	0.01192	0.23779	2.83184E-05	1.19526E-02
610767.12	4206126.39	309220.6931	0.06822	0.08916	1.06181E-05	6.8229E-02	610767.12	4206126.39	309220.6931	0.01933	0.08916	1.06181E-05	1.93408E-02
610770.43	4206127.03	309388.1151	0.06706	0.08793	1.04716E-05	6.70746E-02	610770.43	4206127.03	309388.1151	0.01900	0.08793	1.04716E-05	1.90013E-02
610777.43	4206127.03	287674.5507	0.06346	0.08484	1.01036E-05	6.34755E-02	610777.43	4206127.03	287674.5507	0.01798	0.08484	1.01036E-05	1.79936E-02
610784.43	4206127.03	260863.4506	0.05755	0.08197	9.76182E-06	5.7560E-02	610784.43	4206127.03	260863.4506	0.01631	0.08197	9.76182E-06	1.63316E-02
610791.43	4206127.03	231694.8551	0.05112	0.07928	9.44146E-06	5.11246E-02	610791.43	4206127.03	231694.8551	0.01448	0.07928	9.44146E-06	1.44935E-02
610798.43	4206127.03	205271.2956	0.04529	0.07676	9.14136E-06	5.5256E-02	610798.43	4206127.03	205271.2956	0.01283	0.07676	9.14136E-06	1.28431E-02
610805.43	4206127.03	182539.2662	0.04027	0.07440	8.86030E-06	4.02806E-02	610805.43	4206127.03	182539.2662	0.01141	0.07440	8.86030E-06	1.14199E-02
610812.43	4206127.03	163127.1129	0.03599	0.07218	8.59502E-06	3.5997E-02	610812.43	4206127.03	163127.1129	0.01020	0.07218	8.59502E-06	1.02060E-02
610819.43	4206127.03	146486.9415	0.03232	0.07009	8.34703E-06	3.23255E-02	610819.43	4206127.03	146486.9415	0.00916	0.07009	8.34703E-06	9.16536E-03
610833.43	4206127.03	119650.7901	0.02640	0.06623	7.88734E-06	2.6404E-02	610833.43	4206127.03	119650.7901	0.00748	0.06623	7.88734E-06	7.48731E-03
610840.43	4206127.03	108740.9916	0.02399	0.06445	7.67536E-06	2.3998E-02	610840.43	4206127.03	108740.9916	0.00680	0.06445	7.67536E-06	6.80576E-03
610847.43	4206127.03	99173.49673	0.02188	0.06276	7.47410E-06	2.18870E-02	610847.43	4206127.03	99173.49673	0.00620	0.06276	7.47410E-06	6.20688E-03
610854.43	4206127.03	90721.35698	0.02001	0.06115	7.28236E-06	2.0022E-02	610854.43	4206127.03	90721.35698	0.00567	0.06115	7.28236E-06	5.67830E-03
610861.43	4206127.03	83229.79218	0.01836	0.05962	7.10015E-06	1.8369E-02	610861.43	4206127.03	83229.79218	0.00520	0.05962	7.10015E-06	5.20988E-03
610868.43	4206127.03	76564.38393	0.01689	0.05815	6.92509E-06	1.6898E-02	610868.43	4206127.03	76564.38393	0.00479	0.05815	6.92509E-06	4.79300E-03
610875.43	4206127.03	70613.54618	0.01558	0.05675	6.75836E-06	1.5585E-02	610875.43	4206127.03	70613.54618	0.00441	0.05675	6.75836E-06	4.42080E-03
610882.43	4206127.03	65283.40191	0.01440	0.05541	6.59878E-06	1.4408E-02	610882.43	4206127.03	65283.40191	0.00408	0.05541	6.59878E-06	4.08756E-03
610889.43	4206127.03	60494.58052	0.01335	0.05412	6.44516E-06	1.3352E-02	610889.43	4206127.03	60494.58052	0.00378	0.05412	6.44516E-06	3.78806E-03
610896.43	4206127.03	56179.83118	0.01239	0.05289	6.29868E-06	1.2406E-02	610896.43	4206127.03	56179.83118	0.00351	0.05289	6.29868E-06	3.51381E-03
610903.43	4206127.03	52281.74022	0.01153	0.05171	6.15815E-06	1.1540E-02	610903.43	4206127.03	52281.74022	0.00327	0.05171	6.15815E-06	3.27435E-03
610910.43	4206127.03	48750.71525	0.01076	0.05057	6.02239E-06	1.0763E-02	610910.43	4206127.03	48750.71525	0.00305	0.05057	6.02239E-06	3.05346E-03
610917.43	4206127.03	45544.40924	0.01005	0.04948	5.89258E-06	1.0054E-02	610917.43	4206127.03	45544.40924	0.00285	0.04948	5.89258E-06	2.8529E-03
610924.43	4206127.03	42625.84121	0.00940	0.04843	5.76753E-06	9.4096E-03	610924.43	4206127.03	42625.84121	0.00266	0.04843	5.76753E-06	2.67031E-03
610931.43	4206127.03	39963.2635	0.00882	0.04743	5.64844E-06	8.8221E-03	610931.43	4206127.03	39963.2635	0.00250	0.04743	5.64844E-06	2.5038E-03
610952.43	4206127.03	31251.08525	0.00734	0.04462	5.31380E-06	7.3410E-03	610952.43	4206127.03	31251.08525	0.00208	0.04462	5.31380E-06	2.0838E-03
610959.43	4206127.03	31367.54952	0.00692	0.04375	5.21019E-06	6.92516E-03	610959.43	4206127.03	31367.54952	0.00196	0.04375	5.21019E-06	1.96602E-03
610966.43	4206127.03	29631.85483	0.00654	0.04291	5.11016E-06	6.54231E-03	610966.43	4206127.03	29631.85483	0.00185	0.04291	5.11016E-06	1.85746E-03
610973.43	4206127.03	28029.34376	0.00618	0.04211	5.01488E-06	6.1887E-03	610973.43	4206127.03	28029.34376	0.00175	0.04211	5.01488E-06	1.7571E-03
610980.43	4206127.03	26547.26034	0.00586	0.04132	4.92080E-06	5.8616E-03	610980.43	4206127.03	26547.26034	0.00166	0.04132	4.92080E-06	1.66444E-03
610987.43	4206127.03	25174.3216	0.00555	0.04057	4.83149E-06	5.5586E-03	610987.43	4206127.03	25174.3216	0.00157	0.04057	4.83149E-06	1.5785E-03
610994.43	4206127.03	23900.31814	0.00527	0.03984	4.74455E-06	5.2775E-03	610994.43	4206127.03	23900.31814	0.00149	0.03984	4.74455E-06	1.4988E-03
611001.43	4206127.03	22716.52847	0.00501	0.03913	4.66000E-06	5.0162E-03	611001.43	4206127.03	22716.52847	0.00142	0.03913	4.66000E-06	1.4247E-03
611008.43	4206127.03	21614.61607	0.00477	0.03845	4.57901E-06	4.7731E-03	611008.43	4206127.03	21614.61607	0.00135	0.03845	4.57901E-06	1.3557E-03
611015.43	4206127.03	20533.9138	0.00377	0.03777	4.49745E-06	3.7787E-03	611015.43	4206127.03	20533.9138	0.00107	0.03777	4.49745E-06	1.0733E-03
611050.43	4206127.03	16372.17961	0.00301	0.03476	4.13957E-06	3.0161E-03	611050.43	4206127.03	16372.17961	0.00102	0.03476	4.13957E-06	1.0276E-03
611057.43	4206127.03	15679.96965	0.00346	0.03421	4.07407E-06	3.4631E-03	611057.43	4206127.03	15679.96965	0.00098	0.03421	4.07407E-06	9.8423E-04
611064.43	4206127.03	15029.05432	0.00332	0.03367	4.00976E-06	3.3196E-03	611064.43	4206127.03	15029.05432	0.00094	0.03367	4.00976E-06	9.4348E-04
611071.43	4206127.03	14416.34086	0.00318	0.03315	3.94784E-06	3.1844E-03	611071.43	4206127.03	14416.34086	0.00090	0.03315	3.94784E-06	9.0512E-04
611078.43	4206127.03	13838.95409	0.00305	0.03264	3.88710E-06	3.0569E-03	611078.43	4206127.03	13838.95409	0.00087	0.03264	3.88710E-06	8.6896E-04
611085.43	4206127.03	13294.2774	0.00293	0.03215	3.82875E-06	2.936E-03	611085.43	4206127.03	13294.2774	0.00083	0.03215	3.82875E-06	8.3488E-04
611092.43	4206127.03	12779.93464	0.00282	0.03166	3.77039E-06	2.8232E-03	611092.43	4206127.03	12779.93464	0.00080	0.03166	3.77039E-06	8.0265E-04
610294.43	4206134.03	6459.949079	0.00143	0.01018	6.07574E-05	1.4859E-03	610294.43	4206134.03	6459.94907	0.00040	0.01018	6.07574E-05	4.6457E-04
610301.43	4206134.03	6718.93587	0.00148	0.00868	6.05788E-05	1.5429E-03	610301.43	4206134.03	6718.93587	0.00042	0.00868	6.05788E-05	4.8058E-04
610308.43	4206134.03	6993.52205	0.00154	0.00711	6.03918E-05	1.6033E-03	610308.43	4206134.03	6993.52205	0.00044	0.00711	6.03918E-05	4.9756E-04
610315.43	4206134.03	7285.04269	0.00161	0.00545	6.01941E-05	1.6674E-03	610315.43	4206134.03	7285.04269	0.00046	0.00545	6.01941E-05	5.1158E-04
610322.43	4206134.03	7594.83206	0.00168	0.00371	5.99869E-05	1.7355E-03	610322.43	4206134.03	7594.83206	0.00047	0.00371	5.99869E-05	5.3474E-04
610329.43	4206134.03	7924.3933	0.00175	0.00197	5.97678E-05	1.8080E-03	610329.43	4206134.03	7924.3933	0.00049	0.00197	5.97678E-05	5.5532E-04
610336.43	4206134.03	8275.37744	0.00183	0.00024	5.95379E-05	1.8852E-03	610336.43	4206134.03	8275.37744	0.00052	0.00024	5.95379E-05	5.7683E-04
610343.43	4206134.03	8649.57988	0.00191	0.00789	5.92938E-05	1.9675E-03	610343.43	4206134.03	8649.57988	0.00054	0.00789	5.92938E-05	5.9998E-04
610350.43	4206134.03	9049.11298	0.00200	0.01553	5.90365E-05	2.0554E-03	610350.43	4206134.03	9049.11298	0.00057	0.01553	5.90365E-05	6.2470E-04
610357.43	4206134.03	9476.15237	0.00209	0.02317	5.87638E-05	2.1493E-03	610357.43	4206134.03	9476.15237	0.00059	0.02317	5.87638E-05	6.5112E-04
610364.43	4206134.03	9933.22229	0.00219	0.03082	5.84756E-05	2.2498E-03	610364.43	4206134.03	9933.22229	0.00062	0.03082	5.84756E-05	6.7948E-04
610371.43	4206134.03	10422.93204	0.00230	0.03846	5.81708E-05	2.3576E-03	610371.43	4206134.03	10422.93204	0.00065	0.03846	5.81708E-05	7.0971E-04
610378.43	4206134.03	10948.44473	0.00242	0.04575	5.78480E-05	2.4732E-03	610378.43	4206134.03	10948.44473	0.00068	0.04575	5.78480E-05	7.4224E-04
610385.43	4206134.03	11513.1822	0.00254	0.04288	5.75062E-05	2.5979E-03	610385.43	4206134.03	11513.1822	0.00072	0.04288	5.75062E-05	7.7720E-04
610392.43	4206134.03	12120.74889	0.00267	0.47985	5.71454E-05	2.7311E-03	610392.43	4206134.03	12120.74889	0.00076	0.47985	5.71454E-05	8.1482E-04
610399.43	4206134.03	12775.55103	0.00282	0.47664	5.67631E-05	2.8752E-03	610399.43	4206134.03	12775.55103	0.00080	0.47664	5.67631E-05	8.5537E-04
610406.43	4206134.03	13442.1229	0.00297	0.47325	5.63594E-05	3.0287E-03	610406.43	4206134.03	13442.1229	0.00084	0.47325	5.63594E-05	8.9913E-04
610413.43	4206134.03	14245.86336	0.00314	0.46967	5.59331E-05	3.1988E-03	610413.43	4206134.03	14245.86336	0.00089	0.46967	5.59331E-05	9.4644E-04
610420.43	4206134.03	15080.97768	0.00333	0.46605	5.55019E-05	3.3826E-03	610420.43	4206134.03	15080.97768	0.00094	0.46605	5.55019E-05	9.9822E-04
610427.43	4206134.03	15987.02766	0.00353	0.46218	5.50411E-05	3.5820E-03	610427.43	4206134.03	15987.02766	0.00100	0.46218	5.50411E-05	1.0544E-03
610434.43	4206134.03	16971.54388	0.00374	0.45807	5.45516E-05	3.7987E-03	610434.43	4206134.03	16971.54388	0.00106	0.45807	5.45516E-05	1.1154E-03
610441.43	4206134.03	18043.31799	0.00398	0.45371	5.40324E-05	4.0346E-03	610441.43	4206134.03	18043.31799	0.00113	0.45371	5.40324E-05	1.1859E-03
610448.43	4206134.03	19212.07016	0.00424	0.44909	5.34822E-05	4.2919E-03	610448.43	4206134.03	19212.07016	0.00120	0.44909	5.34822E-05	1.2544E-03
610455.43	4206134.03	20488.85525	0.00452	0.44420	5.28898E-05	4.5730E-03	610455.43	4206134.03	20488.85525	0.00128	0.44420	5.28898E-05	1.3337E-03
610462.43	4206134.03	21886.43224	0.00483	0.43904	5.22853E-05	4.8807E-03	610462.43	4206134.03	21886.43224	0.00137	0.43904	5.22853E-05	1.4204E-03
610469.43	4206134.03	23419.30384	0.00517	0.43359	5.16363E-05	5.2183E-03	610469.43	4206134.03	23419.30384	0.00146	0.43359	5.16363E-05	1.5156E-03
610476.43	4206134.03	25104.2405	0.00554	0.42785	5.09527E-05	5.5893E-03	610476.43	4206134.03	25104.2405	0.00157	0.42785	5.09527E-05	1.6202E-03
610483.43	4206134.03	26960.24539	0.00595	0.42180	5.02322E-05	5.9980E-03	610483.43	4206134.03	26960.24539	0.00169	0.42180	5.02322E-05	1.7355E-03
610497.43	4206134.03	31266.81624	0.00690	0.40876	4.86793E-05	6.9466E-03	610497.43	4206134.03	31266.81624	0.00195	0.40876	4.86793E-05	2.0032E-03
610504.43	4206134.03	33770.73605	0.00745	0.40176	4.78456E-05	7.4981E-03	610504.43	4206134.03	33770.73605	0.00211	0.40176	4.78456E-05	2.1598E-03
610511.43	4206134.03	36560.80323	0.00807	0.39445	4.69751E-05	8.1128E-03	610511.43	4206134.03	36560.80323	0.00229	0.39445	4.69751E-05	2.3324E-03
610518.43	4206134.03	39669.84888	0.00875	0.38681	4.60652E-05	8.7978E-03	610518.43	4206134.03	39669.84888	0.00248	0.38681	4.60652E-05	2.5298E-03
610525.43	4206134.03	43156.95349	0.00952	0.37885	4.51173E-05	9.5661E-03	610525.43	4206134.03	43156.95349	0.00270	0.37885	4.51173E-05	2.7429E-03
610532.43	4206134.03	47077.38259	0.01039	0.37058	4.41324E-05	1.0430E-02	610532.43	4206134.03	47077.38259	0.00294	0.37058	4.41324E-05	2.9869E-03
610539.43	4206134.03	51497.34598	0.01136	0.36199	4.31094E-05	1.1404E-02	610539.43	4206134.03	51497.34598	0.00322	0.36199	4.31094E-05	3.2622E-03
610546.43	4206134.03	56520.01464	0.01247	0.35310	4.20507E-05	1.2511E-02	610546.43	4206134.03	56520.01464	0.00353	0.35310	4.20507E-05	3.5751E-03
610553.43	4206134.03	62243.59759	0.01373	0.34391	4.09563E-05	1.3771E-02	610553.43	4206134.03	62243.59759	0.00389	0.34391	4.09563E-05	3.9318E-03
610560.43	4206134.03	68828.6582	0.01518	0.33446	3.98309E-05	1.5224E-02	610560.43	4206134.03	68828.6582	0.00430	0.33446	3.98309E-05	4.3423E-03
610567.43	4206134.03	76477.44236	0.01687	0.32476	3.86757E-05	1.6911E-02	610567.43	4206134.03	76477.44236	0.00478	0.32476	3.86757E-05	4.8193E-03
610574.43	4206134.03	85422.79991	0.01885	0.31483	3.74931E-05	1.8881E-02	610574.43	4206134.03	85422.79991	0.00534	0.31483	3.74931E-05	5.3775E-03
610581.43	4206134.03	96004.05198	0.02118	0.30471	3.62879E-05	2.1216E-02	610581.43	4206134.03	96004.05198	0.00600	0.30471	3.62879E-05	6.0375E-03
610588.43	4206134.03	108684.6724	0.02398	0.29442	3.50625E-05	2.4012E-02	610588.43	4206134.03	108684.6724	0.00679	0.29442	3.50625E-05	6.8290E-03
610595.43	4206134.03	124119.8703	0.02738	0.28401	3.38228E-05	2.7416E-02	610595.43	4206134.03	124119.8703	0.00776	0.28401	3.38228E-05	7.7926E-03
610602.43	4206134.03	143038.0854	0.03156	0.27351	3.25723E-05	3.1589E-02	610602.43	4206134.03	143038.0854	0.00894	0.27351	3.25723E-05	8.9738E-03
610609.43	4206134.03	165755.4285	0.03657	0.26296	3.13159E-05	3.6599E-02	610609.43	4206134.03	165755.4285	0.01036	0.26296	3.13159E-05	1.0393E-02
610616.43	4206134.03	189800.2188	0.04187	0.25242	3.00607E-05	4.1903E-02	610616.43	4206134.03	189800.2188	0.01186	0.25242	3.00607E-05	1.1895E-02
610767.12	4206133.39	312866.5694	0.06902	0.09266	1.10349E-05	6.9034E-02	610767.12	4206133.39	312866.5694	0.01956	0.09266	1.10349E-05	1.9568E-02
610770.43	4206134.03	307716.7539	0.06789	0.09137	1.08813E-05	6.7897E-02	610770.43	4206134.03	307716.7539	0.01924	0.09137	1.08813E-05	1.9246E-02
610777.43	4206134.03	291143.425	0.06423	0.08812	1.04942E-05	6.4241E-02	610777.43	4206134.03	291143.425	0.01820	0.08812	1.04942E-05	1.8210E-02
610784.43	4206134.03	264367.6897	0.05832	0.08510	1.01346E-05	5.8333E-02	610784.43	4206134.03	264367.6897	0.01653	0.08510	1.01346E-05	1.6536E-02
610791.43	4206134.03	235329.8163	0.05192	0.08229	9.79993E-06	5.1927E-02	610791.43	4206134.03	235329.8163	0.01471	0.08229	9.79993E-06	1.4720E-02
610798.43	4206134.03	209065.5483	0.04612	0.07965	9.48553E-06	4.6132E-02	610798.43	4206134.03	209065.5483	0.01307	0.07965	9.48553E-06	1.3078E-02
610805.43	4206134.03	186448.5922	0.04113	0.07718	9.19338E-06	4.1142E-02	610805.43	4206134.03	186448.5922	0.01165	0.07718	9.19338E-06	1.1664E-02
610812.43	4206134.03	167108.9281	0.03687	0.07485	8.91390E-06	3.6875E-02	610812.43	4206134.03	167108.9281	0.01045	0.07485	8.91390E-06	1.0455E-02
610833.43	4206134.03	123609.4609	0.02727	0.06863	8.17315E-06	2.7278E-02	610833.43	4206134.03	123609.4609	0.00773	0.06863	8.17315E-06	7.7350E-03
610840.43	4206134.03	112636.7808	0.02485	0.06676	7.95046E-06	2.4857E-02	610840.43	4206134.03	112636.7808	0.00704	0.06676	7.95046E-06	7.0488E-03
610847.43	4206134.03	102964.7363	0.02272	0.06500	7.74086E-06	2.2723E-02	610847.43	4206134.03	102964.7363	0.00644	0.06500	7.74086E-06	6.4441E-03
610854.43	4206134.03	94399.10657	0.02083	0.06331	7.53960E-06	2.0833E-02	610854.43	4206134.03	94399.10657	0.00590	0.06331	7.53960E-06	5.9084E-03
610861.43	4206134.03	86781.08814	0.01915	0.06171	7.34905E-06	1.9152E-02	610861.43	4206134.03	86781.08814	0.00542	0.06171	7.34905E-06	5.4321E-03
610868.43	4206134.03	79980.17455	0.01764	0.06017	7.16565E-06	1.7652E-02	610868.43	4206134.03	79980.17455	0.00500	0.06017	7.16565E-06	5.0067E-03
610875.43	4206134.03	73887.87376	0.01630	0.05871	6.99178E-06	1.6308E-02	610875.43	4206134.03	73887.87376	0.00462	0.05871	6.99178E-06	4.6257E-03
610882.43	4206134.03	68413.89252	0.01509	0.05731	6.82505E-06	1.5100E-02	610882.43	4206134.03	68413.89252	0.00428	0.05731	6.82505E-06	4.2834E-03
610889.43	4206134.03	63480.95425	0.01400	0.05597	6.66547E-06	1.4011E-02	610889.43	4206134.03	63480.95425	0.00397	0.05597	6.66547E-06	3.9749E-03
610896.43	4206134.03	59023.83495	0.01302	0.05469	6.51304E-06	1.3028E-02	610896.43	4206134.03	59023.83495	0.00369	0.05469	6.51304E-06	3.6961E-03
610903.43	4206134.03	54986.3103	0.01213	0.05345	6.36537E-06	1.2137E-02	610903.43	4206134.03	54986.3103	0.00344	0.05345	6.36537E-06	3.4436E-03
610910.43	4206134.03	51319.908	0.01132	0.05227	6.22484E-06	1.1328E-02	610910.43	4206134.03	51319.908	0.00321	0.05227	6.22484E-06	3.2142E-03
610917.43	4206134.03	47982.99862	0.01059	0.05114	6.09027E-06	1.0592E-02	610917.43	4206134.03	47982.99862	0.00300	0.05114	6.09027E-06	3.0055E-03
610924.43	4206134.03	44939.19242	0.00991	0.05005	5.96046E-06	9.9202E-03	610924.43	4206134.03	44939.19242	0.00281	0.05005	5.96046E-06	2.8151E-03
610931.43	4206134.03	42157.02546	0.00930	0.04900	5.83542E-06	9.3063E-03	610931.43	4206134.03	42157.02546	0.00264	0.04900	5.83542E-06	2.6411E-03
610952.43	4206134.03	35119.97801	0.00775	0.04608	5.48767E-06	7.7534E-03	610952.43	4206134.03	35119.97801	0.00220	0.04608	5.48767E-06	2.2008E-03
610959.43	4206134.03	33139.47062	0.00731	0.04518	5.38049E-06	7.3164E-03	610959.43	4206134.03	33139.47062	0.00207	0.04518	5.38049E-06	2.0769E-03
610966.43	4206134.03	31312.07643	0.00691	0.04431	5.27688E-06	6.9131E-03	610966.43	4206134.03	31312.07643	0.00196	0.04431	5.27688E-06	1.9626E-03
610973.43	4206134.03	29623.01959	0.00654	0.04347	5.17685E-06	6.5404E-03	610973.43	4206134.03	29623.01959	0.00185	0.04347	5.17685E-06	1.8569E-03
610980.43	4206134.03	28059.52895	0.00619	0.04266	5.08038E-06	6.1954E-03	610980.43	4206134.03	28059.52895	0.00175	0.04266	5.08038E-06	1.7591E-03
610987.43	4206134.03	26609.71699	0.00587	0.04187	4.98630E-06	5.8755E-03	610987.43	4206134.03	26609.71699	0.00166	0.04187	4.98630E-06	1.6684E-03
610994.43	4206134.03	25263.35467	0.00557	0.04111	4.89579E-06

610896.43	4206141.03	61742.67507	0.01362	0.05661	6.74169E-06	1.3628E-02	610896.43	4206141.03	61742.67507	0.00386	0.05661	6.74169E-06	3.8663E-03		
610903.43	4206141.03	57584.77563	0.01270	0.05532	6.58807E-06	1.2711E-02	610903.43	4206141.03	57584.77563	0.00360	0.05532	6.58807E-06	3.6062E-03		
610910.43	4206141.03	53799.91539	0.01187	0.05409	6.44158E-06	1.1875E-02	610910.43	4206141.03	53799.91539	0.00336	0.05409	6.44158E-06	3.3695E-03		
610917.43	4206141.03	50347.2147	0.01111	0.05291	6.30106E-06	1.1114E-02	610917.43	4206141.03	50347.2147	0.00315	0.05291	6.30106E-06	3.1535E-03		
610924.43	4206141.03	47190.97014	0.01041	0.05177	6.16530E-06	1.0417E-02	610924.43	4206141.03	47190.97014	0.00295	0.05177	6.16530E-06	2.9561E-03		
610931.43	4206141.03	44300.31798	0.00977	0.05068	6.03549E-06	9.7793E-03	610931.43	4206141.03	44300.31798	0.00277	0.05068	6.03549E-06	2.7753E-03		
610952.43	4206141.03	36963.82644	0.00815	0.04764	5.67345E-06	8.1604E-03	610952.43	4206141.03	36963.82644	0.00231	0.04764	5.67345E-06	2.3163E-03		
610959.43	4206141.03	34892.50525	0.00770	0.04670	5.56151E-06	7.7031E-03	610959.43	4206141.03	34892.50525	0.00218	0.04670	5.56151E-06	2.1867E-03		
610966.43	4206141.03	32978.74365	0.00728	0.04580	5.45433E-06	7.2810E-03	610966.43	4206141.03	32978.74365	0.00206	0.04580	5.45433E-06	2.0670E-03		
610973.43	4206141.03	31207.79779	0.00688	0.04492	5.34953E-06	6.8902E-03	610973.43	4206141.03	31207.79779	0.00195	0.04492	5.34953E-06	1.9562E-03		
610980.43	4206141.03	29566.5	0.00652	0.04408	5.24949E-06	6.5280E-03	610980.43	4206141.03	29566.5	0.00185	0.04408	5.24949E-06	1.8535E-03		
610987.43	4206141.03	28043.0684	0.00619	0.04326	5.15184E-06	6.1918E-03	610987.43	4206141.03	28043.0684	0.00175	0.04326	5.15184E-06	1.7581E-03		
610994.43	4206141.03	26627.18696	0.00587	0.04247	5.05579E-06	5.8794E-03	610994.43	4206141.03	26627.18696	0.00166	0.04247	5.05579E-06	1.6691E-03		
611001.43	4206141.03	25309.21892	0.00558	0.04171	4.96725E-06	5.5885E-03	611001.43	4206141.03	25309.21892	0.00158	0.04171	4.96725E-06	1.5873E-03		
611008.43	4206141.03	24080.8258	0.00531	0.04097	4.87912E-06	5.3174E-03	611008.43	4206141.03	24080.8258	0.00151	0.04097	4.87912E-06	1.5102E-03		
611015.43	4206141.03	22934.50892	0.00506	0.04025	4.79338E-06	5.0645E-03	611015.43	4206141.03	22934.50892	0.00143	0.04025	4.79338E-06	1.4384E-03		
611036.43	4206141.03	19922.62408	0.00440	0.03823	4.55282E-06	4.3998E-03	611036.43	4206141.03	19922.62408	0.00125	0.03823	4.55282E-06	1.2499E-03		
611043.43	4206141.03	19042.43681	0.00420	0.03760	4.47779E-06	4.2055E-03	611043.43	4206141.03	19042.43681	0.00119	0.03760	4.47779E-06	1.1948E-03		
611050.43	4206141.03	18216.18194	0.00402	0.03698	4.40395E-06	4.0231E-03	611050.43	4206141.03	18216.18194	0.00114	0.03698	4.40395E-06	1.1431E-03		
611057.43	4206141.03	17439.67324	0.00385	0.03639	4.33369E-06	3.8518E-03	611057.43	4206141.03	17439.67324	0.00109	0.03639	4.33369E-06	1.0945E-03		
611064.43	4206141.03	16709.1033	0.00369	0.03580	4.26343E-06	3.6905E-03	611064.43	4206141.03	16709.1033	0.00104	0.03580	4.26343E-06	1.0488E-03		
611071.43	4206141.03	16021.15031	0.00353	0.03524	4.19674E-06	3.5387E-03	611071.43	4206141.03	16021.15031	0.00100	0.03524	4.19674E-06	1.0057E-03		
611078.43	4206141.03	15372.62308	0.00339	0.03469	4.13124E-06	3.3955E-03	611078.43	4206141.03	15372.62308	0.00096	0.03469	4.13124E-06	9.6508E-04		
611085.43	4206141.03	14760.69097	0.00326	0.03415	4.06693E-06	3.2605E-03	611085.43	4206141.03	14760.69097	0.00092	0.03415	4.06693E-06	9.2676E-04		
611092.43	4206141.03	14182.72832	0.00313	0.03363	4.00500E-06	3.1329E-03	611092.43	4206141.03	14182.72832	0.00089	0.03363	4.00500E-06	8.9057E-04		
610294.43	4206148.03	6208.58794	0.00137	0.05674	6.74931E-06	1.4372E-03	610294.43	4206148.03	6208.58794	0.00039	0.05674	6.74931E-06	4.5559E-04		
610301.43	4206148.03	6454.14622	0.00142	0.05529	6.57835E-06	1.4939E-03	610301.43	4206148.03	6454.14622	0.00041	0.05529	6.57835E-06	4.7077E-04		
610308.43	4206148.03	6714.43555	0.00148	0.05376	6.71382E-06	1.5484E-03	610308.43	4206148.03	6714.43555	0.00042	0.05376	6.71382E-06	4.8686E-04		
610315.43	4206148.03	6990.66835	0.00154	0.05215	6.69466E-06	1.6092E-03	610315.43	4206148.03	6990.66835	0.00044	0.05215	6.69466E-06	5.0359E-04		
610322.43	4206148.03	7284.16699	0.00161	0.05045	6.67441E-06	1.6737E-03	610322.43	4206148.03	7284.16699	0.00046	0.05045	6.67441E-06	5.2208E-04		
610329.43	4206148.03	7596.30003	0.00168	0.05866	6.65309E-06	1.7424E-03	610329.43	4206148.03	7596.30003	0.00047	0.05866	6.65309E-06	5.4138E-04		
610336.43	4206148.03	7928.68574	0.00175	0.05676	6.63046E-06	1.8155E-03	610336.43	4206148.03	7928.68574	0.00050	0.05676	6.63046E-06	5.6193E-04		
610343.43	4206148.03	8283.05003	0.00183	0.05475	6.60652E-06	1.8934E-03	610343.43	4206148.03	8283.05003	0.00052	0.05475	6.60652E-06	5.8384E-04		
610350.43	4206148.03	8663.31963	0.00191	0.05262	6.58116E-06	1.9766E-03	610350.43	4206148.03	8663.31963	0.00054	0.05262	6.58116E-06	6.0723E-04		
610357.43	4206148.03	9065.68037	0.00200	0.05035	6.55412E-06	2.0656E-03	610357.43	4206148.03	9065.68037	0.00057	0.05035	6.55412E-06	6.3224E-04		
610364.43	4206148.03	9498.39695	0.00210	0.04795	6.52554E-06	2.1607E-03	610364.43	4206148.03	9498.39695	0.00059	0.04795	6.52554E-06	6.5900E-04		
610371.43	4206148.03	9962.15644	0.00220	0.04540	6.49517E-06	2.2627E-03	610371.43	4206148.03	9962.15644	0.00062	0.04540	6.49517E-06	6.8769E-04		
610378.43	4206148.03	10459.94386	0.00231	0.04269	6.46290E-06	2.3722E-03	610378.43	4206148.03	10459.94386	0.00065	0.04269	6.46290E-06	7.1848E-04		
610385.43	4206148.03	10995.01037	0.00243	0.03981	6.42486E-06	2.4899E-03	610385.43	4206148.03	10995.01037	0.00069	0.03981	6.42486E-06	7.5159E-04		
610392.43	4206148.03	11571.00506	0.00255	0.03676	6.39228E-06	2.6166E-03	610392.43	4206148.03	11571.00506	0.00072	0.03676	6.39228E-06	7.8723E-04		
610399.43	4206148.03	12191.88815	0.00269	0.03352	6.35370E-06	2.7532E-03	610399.43	4206148.03	12191.88815	0.00076	0.03352	6.35370E-06	8.2565E-04		
610406.43	4206148.03	12862.42194	0.00284	0.03008	6.31273E-06	2.9038E-03	610406.43	4206148.03	12862.42194	0.00080	0.03008	6.31273E-06	8.6718E-04		
610413.43	4206148.03	13587.66415	0.00300	0.02644	6.26938E-06	3.0603E-03	610413.43	4206148.03	13587.66415	0.00085	0.02644	6.26938E-06	9.1206E-04		
610420.43	4206148.03	14380.17117	0.00317	0.02273	6.22520E-06	3.2347E-03	610420.43	4206148.03	14380.17117	0.00090	0.02273	6.22520E-06	9.6116E-04		
610427.43	4206148.03	15239.3309	0.00336	0.01873	6.17756E-06	3.4238E-03	610427.43	4206148.03	15239.3309	0.00095	0.01873	6.17756E-06	1.0144E-03		
610434.43	4206148.03	16175.42855	0.00357	0.01451	6.12731E-06	3.6298E-03	610434.43	4206148.03	16175.42855	0.00101	0.01451	6.12731E-06	1.0724E-03		
610441.43	4206148.03	17193.87907	0.00379	0.00999	6.07348E-06	3.8539E-03	610441.43	4206148.03	17193.87907	0.00107	0.00999	6.07348E-06	1.1355E-03		
610448.43	4206148.03	18207.65569	0.00404	0.00521	6.01655E-06	4.0991E-03	610448.43	4206148.03	18207.65569	0.00114	0.00521	6.01655E-06	1.2046E-03		
610455.43	4206148.03	19524.18887	0.00431	0.00011	5.95582E-06	4.3669E-03	610455.43	4206148.03	19524.18887	0.00122	0.00011	5.95582E-06	1.2800E-03		
610462.43	4206148.03	20859.97264	0.00460	0.00467	5.89175E-06	4.6609E-03	610462.43	4206148.03	20859.97264	0.00130	0.00473	5.89175E-06	1.3629E-03		
610469.43	4206148.03	22327.5567	0.00493	0.00923	5.82386E-06	4.9840E-03	610469.43	4206148.03	22327.5567	0.00140	0.00903	5.82386E-06	1.4539E-03		
610476.43	4206148.03	23940.84472	0.00528	0.01379	5.75193E-06	5.3392E-03	610476.43	4206148.03	23940.84472	0.00150	0.01379	5.75193E-06	1.5541E-03		
610483.43	4206148.03	25724.1084	0.00568	0.01762	5.67607E-06	5.7319E-03	610483.43	4206148.03	25724.1084	0.00161	0.01762	5.67607E-06	1.6648E-03		
610497.43	4206148.03	29886.05228	0.00659	0.02478	5.51125E-06	6.6484E-03	610497.43	4206148.03	29886.05228	0.00187	0.02478	5.51125E-06	1.9233E-03		
610504.43	4206148.03	32320.74728	0.00713	0.02830	5.42217E-06	7.1846E-03	610504.43	4206148.03	32320.74728	0.00202	0.02830	5.42217E-06	2.0796E-03		
610511.43	4206148.03	35036.9866	0.00773	0.03183	5.32845E-06	7.7829E-03	610511.43	4206148.03	35036.9866	0.00219	0.03183	5.32845E-06	2.2435E-03		
610518.43	4206148.03	38076.85037	0.00840	0.03536	5.22996E-06	8.4526E-03	610518.43	4206148.03	38076.85037	0.00238	0.03536	5.22996E-06	2.4325E-03		
610525.43	4206148.03	41490.85426	0.00915	0.03890	5.12671E-06	9.2047E-03	610525.43	4206148.03	41490.85426	0.00259	0.03890	5.12671E-06	2.6498E-03		
610532.43	4206148.03	45339.60849	0.01000	0.04242	5.01870E-06	1.0053E-02	610532.43	4206148.03	45339.60849	0.00283	0.04242	5.01870E-06	2.8844E-03		
610539.43	4206148.03	49697.26134	0.01096	0.04595	4.90592E-06	1.1018E-02	610539.43	4206148.03	49697.26134	0.00311	0.04595	4.90592E-06	3.1556E-03		
610546.43	4206148.03	54655.17551	0.01206	0.04948	4.78838E-06	1.2108E-02	610546.43	4206148.03	54655.17551	0.00342	0.04948	4.78838E-06	3.4644E-03		
610553.43	4206148.03	60328.0319	0.01331	0.05302	4.66619E-06	1.3356E-02	610553.43	4206148.03	60328.0319	0.00377	0.05302	4.66619E-06	3.8178E-03		
610560.43	4206148.03	66861.93663	0.01475	0.05657	4.53972E-06	1.4798E-02	610560.43	4206148.03	66861.93663	0.00418	0.05657	4.53972E-06	4.2298E-03		
610567.43	4206148.03	74434.45227	0.01642	0.06012	4.40884E-06	1.6465E-02	610567.43	4206148.03	74434.45227	0.00465	0.06012	4.40884E-06	4.6970E-03		
610574.43	4206148.03	83316.67979	0.01838	0.06391	4.27426E-06	1.8424E-02	610574.43	4206148.03	83316.67979	0.00521	0.06391	4.27426E-06	5.2509E-03		
610581.43	4206148.03	93836.33955	0.02070	0.06771	4.13612E-06	2.0743E-02	610581.43	4206148.03	93836.33955	0.00587	0.06771	4.13612E-06	5.9071E-03		
610588.43	4206148.03	106451.2471	0.02348	0.07151	3.99500E-06	2.3525E-02	610588.43	4206148.03	106451.2471	0.00665	0.07151	3.99500E-06	6.6942E-03		
610595.43	4206148.03	121741.9516	0.02686	0.07531	3.85149E-06	2.6896E-02	610595.43	4206148.03	121741.9516	0.00761	0.07531	3.85149E-06	7.6486E-03		
610602.43	4206148.03	140509.9121	0.03100	0.07911	3.70597E-06	3.1035E-02	610602.43	4206148.03	140509.9121	0.00878	0.07911	3.70597E-06	8.8204E-03		
610609.43	4206148.03	163192.4044	0.03600	0.07887	3.55925E-06	3.6038E-02	610609.43	4206148.03	163192.4044	0.01020	0.07887	3.55925E-06	1.0237E-02		
610616.43	4206148.03	187050.9419	0.04127	0.08651	3.41205E-06	4.1308E-02	610616.43	4206148.03	187050.9419	0.01169	0.08651	3.41205E-06	1.1725E-02		
610770.43	4206148.03	313408.8815	0.06914	0.09903	1.17935E-06	6.9154E-02	610770.43	4206148.03	313408.8815	0.01959	0.09903	1.17935E-06	1.9603E-02		
610777.43	4206148.03	296426.8163	0.06540	0.09543	1.13648E-06	6.5407E-02	610777.43	4206148.03	296426.8163	0.01853	0.09543	1.13648E-06	1.8541E-02		
610784.43	4206148.03	269670.192	0.05949	0.09209	1.09670E-06	5.9504E-02	610784.43	4206148.03	269670.192	0.01686	0.09209	1.09670E-06	1.6868E-02		
610791.43	4206148.03	240954.7404	0.05316	0.08898	1.05966E-06	5.3169E-02	610791.43	4206148.03	240954.7404	0.01506	0.08898	1.05966E-06	1.5073E-02		
610798.43	4206148.03	215059.5523	0.04745	0.08607	1.02501E-06	4.7455E-02	610798.43	4206148.03	215059.5523	0.01344	0.08607	1.02501E-06	1.3454E-02		
610805.43	4206148.03	192737.7409	0.04252	0.08334	9.92497E-06	4.2531E-02	610805.43	4206148.03	192737.7409	0.01205	0.08334	9.92497E-06	1.2058E-02		
610812.43	4206148.03	173614.1773	0.03830	0.08078	9.62010E-06	3.8311E-02	610812.43	4206148.03	173614.1773	0.01085	0.08078	9.62010E-06	1.0862E-02		
610840.43	4206148.03	119333.3458	0.02633	0.07188	8.56020E-06	2.6335E-02	610840.43	4206148.03	119333.3458	0.00746	0.07188	8.56020E-06	7.4681E-03		
610847.43	4206148.03	109575.4751	0.02417	0.06994	8.32916E-06	2.4182E-02	610847.43	4206148.03	109575.4751	0.00685	0.06994	8.32916E-06	6.8578E-03		
610854.43	4206148.03	100884.9307	0.02226	0.06810	8.11004E-06	2.2265E-02	610854.43	4206148.03	100884.9307	0.00631	0.06810	8.11004E-06	6.3144E-03		
610861.43	4206148.03	93111.15899	0.02054	0.06634	7.90044E-06	2.0549E-02	610861.43	4206148.03	93111.15899	0.00582	0.06634	7.90044E-06	5.8283E-03		
610868.43	4206148.03	86130.28295	0.01900	0.06466	7.70037E-06	1.9009E-02	610868.43	4206148.03	86130.28295	0.00538	0.06466	7.70037E-06	5.3917E-03		
610875.43	4206148.03	79840.6208	0.01761	0.06306	7.50982E-06	1.7621E-02	610875.43	4206148.03	79840.6208	0.00499	0.06306	7.50982E-06	4.9984E-03		
610882.43	4206148.03	74156.66798	0.01636	0.06153	7.32761E-06	1.6367E-02	610882.43	4206148.03	74156.66798	0.00464	0.06153	7.32761E-06	4.6429E-03		
610889.43	4206148.03	69005.86124	0.01522	0.06007	7.15374E-06	1.5231E-02	610889.43	4206148.03	69005.86124	0.00431	0.06007	7.15374E-06	4.3207E-03		
610896.43	4206148.03	64327.02652	0.01419	0.05867	6.98702E-06	1.4198E-02	610896.43	4206148.03	64327.02652	0.00402	0.05867	6.98702E-06	4.0281E-03		
610903.43	4206148.03	60066.86486	0.01325	0.05732	6.82625E-06	1.3258E-02	610903.43	4206148.03	60066.86486	0.00375	0.05732	6.82625E-06	3.7616E-03		
610910.43	4206148.03	56179.83417	0.01239	0.05604	6.67381E-06	1.2401E-02	610910.43	4206148.03	56179.83417	0.00351	0.05604	6.67381E-06	3.5185E-03		
610917.43	4206148.03	52625.90888	0.01161	0.05480	6.52614E-06	1.1617E-02	610917.43	4206148.03	52625.90888	0.00329	0.05480	6.52614E-06	3.2962E-03		
610924.43	4206148.03	49370.14803	0.01089	0.05362	6.38561E-06	1.0898E-02	610924.43	4206148.03	49370.14803	0.00309	0.05362	6.38561E-06	3.0925E-03		
610931.43	4206148.03	46382.4317	0.01023	0.05248	6.24985E-06	1.0238E-02	610931.43	4206148.03	46382.4317	0.00290	0.05248	6.24985E-06	2.9056E-03		
610952.43	4206148.03	38773.02439	0.00855	0.04931	5.87233E-06	8.5597E-03	610952.43	4206148.03	38773.02439	0.00242	0.04931	5.87233E-06	2.4296E-03		
610959.43	4206148.03	36617.52543	0.00808	0.04833	5.75563E-06	8.0841E-03	610959.43	4206148.03	36617.52543	0.00229	0.04833	5.75563E-06	2.2947E-03		
610966.43	4206148.03	34623.27708	0.00764	0.04739	5.64368E-06	7.6440E-03	610966.43	4206148.03	34623.27708	0.00216	0.04739	5.64368E-06	2.1708E-03		
610973.43	4206148.03	32775.3999	0.00723	0.04648	5.53531E-06	7.2362E-03	610973.43	4206148.03	32775.3999	0.00205	0.04648	5.53531E-06	2.0543E-03		
610980.43	4206148.03	31060.70026	0.00685	0.04560	5.40351E-06	6.8578E-03	610980.43	4206148.03	31060.70026	0.00194	0.04560	5.40351E-06	1.9470E-03		
610987.43	4206148.03	29467.43767	0.00650	0.04475	5.32928E-06	6.5062E-03	610987.43	4206148.03	29467.43767	0.00184	0.04475	5.32928E-06	1.8473E-03		
610994.43	4206148.03	27985.02215	0.00617	0.04392	5.23044E-06	6.1791E-03	610994.43	4206148.03	27985.02215	0.00175	0.04392	5.23044E-06	1.7546E-03		
611001.43	4206148.03	26603.88565	0.00587	0.04313	5.13636E-06	5.8743E-03	611001.43	4206148.03	26603.88565	0.00166	0.04313	5.13636E-06	1.6682E-03		
611008.43	4206148.03	25315.69688	0.00558	0.04236	5.04466E-06	5.5900E-03	611008.43	4206148.03	25315.69688	0.00158	0.04236	5.04466E-06	1.5875E-03		
611015.43	4206148.03	24112.43869	0.00532	0.04161	4.95534E-06	5.3246E-03	611015.43	4206148.03	24112.43869	0.00151	0.04161	4.95534E-06	1.5122E-03		
611029.43	4206148.03	21934.05151	0.00484	0.04018	4.78504E-06	4.8437E-03	611029.43	4206148.03	21934.05151	0.00137	0.04018	4.78504E-06	1.3759E-03		
611036.43	4206148.03	20946.93234	0.00462	0.03950	4.70406E-06	4.6259E-03	611036.43	4206148.03	20946.93234	0.00131	0.03950	4.70406E-06	1.3141E-03		
611043.43	4206148.03	20020.77628	0.00442	0.03884	4.62546E-06	4.4215E-03	611043.43	4206148.03	20020.77628	0.00125	0.03884	4.62546E-06	1.2561E-03		
611050.43	4206148.03	19150.91439	0.00422	0.03820	4.54924E-06	4.2295E-03	611050.43	4206148.03	19150.91439	0.00120	0.03820	4.54924E-06	1.2017E-03		
611057.43	4206148.03	18333.02416	0.00404	0.03758	4.47541E-06	4.0490E-03	611057.43	4206148.03	18333.02416	0.00115	0.03758	4.47541E-06	1.1505E-03		
611064.43	4206148.03	17563.1401	0.00387	0.03697	4.40276E-06	3.8791E-03	611064.43	4206148.03	17563.1401	0.00110	0.03697	4.40276E-06	1.1023E-03		
611071.43	4206148.03	16838.24598	0.00371	0.03638	4.33250E-06	3.7191E-03	611071.43	4206148.03	16838.24598	0.00105	0.03638	4.33250E-06	1.0569E-03		
611078.43	4206148.03	16154.50778	0.00356	0.03580	4.26348E-06	3.5682E-03	611078.43	4206148.03	16154.50778	0.00101	0.03580	4.26348E-06	1.0141E-03		
611085.43	4206148.03	15509.14239	0.00342	0.03525	4.19793E-06	3.4257E-03	611085.43	4206148.03	15509.14239	0.00097	0.03525	4.19793E-06	9.7368E-04		
611092.43	4206148.03	14899.49892	0.00329	0.03470	4.13243E-06	3.2912E-03	611092.43	4206148.03	14899.49892	0.00093	0.03470	4.13243E-06	9.3550E-04		
610294.43	4206155.03	6082.27496	0.00134	0.05891	7.13243E-05	1.4132E-03	610294.43	4206155.03	6082.27496	0.00038	0.05891	7.13243E-05	4.5153E-04		
610301.43	4206155.03	6320.99133	0.00139	0.05748	7.11540E-05	1.4657E-03	610301.43	4206155.03	6320.99133	0.00040	0.05748	7.11540E-05	4.6628E-04		
610308.43	4206155.03	6573.99942	0.00145	0.05598	7.09758E-05	1.5213E-03	610308.43	4206155.03	6573.99942	0.00041	0.05598	7.09758E-05	4.8192E-04		
610315.43	4206155.03	6842.45131	0.00151	0.05440	7.07872E-05	1.5803E-03	610315.43	4206155.03	6842.45131	0.00043	0.05440	7.07872E-05	4.9851E-04		
610322.43	4206155.03	7127.58815	0.00157	0.05273	7.05883E-05	1.6430E-03	610322.43	4206155.03	7127.58815	0.00045	0.05273	7.05883E-05	5.1614E-04		
610329.43	4206155.03	7430.79914	0.00164	0.05096	7.03775E-05	1.7097E-03	610329.43	4206155.03	7430.79914	0.00046	0.05096	7.03775E-05	5.3488E-04		
610336.43	4206155.03	7753.61404	0.00171	0.04908	7.01536E-05	1.7807E-03	610336.43	4206155.03	7753.61404	0.00048	0.04908	7.01536E-05	5.5483E-04		
610343.43	4206155.03	8097.74613	0.00179	0.04720	6.99178E-05	1.8544E-03	610343.43	4206155.03	8097.74613	0.00051	0.04720	6.99178E-05	5.7611E-04		
610350.43	4206155.03	8465.02556	0.00187	0.04498	6.96635E-05	1.9372E-03	610350.43	4206155.03	8465.02556	0.00053	0.04498	6.96635E-05	5.9882E-04		
610357.43	4206155.03	8857.60228	0.00195	0.04274	6.93986E-05	2.0235E-03	610357.43	4206155.03	8857.60228	0.00055	0.04274	6.93986E-05	6.2309E-04		
610364.43	4206155.03	9277.72204	0.00205	0.04035	6.91139E-05	2.1159E-03	610364.43	4206155.03	9277.72204	0.00058	0.04035	6.91139E-05	6.4907E-04		
610371.43	4206155.03	9728.01822	0.00215	0.03781	6.88115E-05	2.2149E-03	610371.43	4206155.03	9728.01822	0.00061	0.03781	6.88115E-05	6.7691E-04		
610378.43	4206155.03	10211.28192	0.00225	0.03510	6.84887E-05	2.3212E-03	610378.43	4206155.03	10211.28192	0.00064	0.03510	6.84887E-05	7.0680E-04		
610385.43	4206155.03	10730.74223	0.00237	0.03222	6.81457E-05	2.4355E-03	610385.43	4206155.03	10730.74223	0.00067	0.03222	6.81457E-05	7.3859E-04		
610392.43	4206155.03	11289.95361	0.00249	0.02916	6.77813E-05	2.5585E-03	610392.43	4206155.03	11289.95361	0.00071	0.02916	6.77813E-05	7.7352E-04		
610399.43	4206155.03	11893.0303	0.00262	0.02610	6.73945E-05	2.6912E-03	610399.43	4206155.03	11893.0303	0.00074	0.02610	6.73945E-05	8.1085E-04		
610406.43	4206155.03	12544.23891	0.00277	0.02245	6.69822E-05	2.8344E-03	610406.43	4206155.03	12544.23891	0.00078	0.02245	6.69822E-05	8.5513E-04		
610413.43	4206155.03	13248.85836	0.00292	0.05878	6.65452E-05	2.9894E-03	610413.43	4206155.03	13248.85836	0.00083	0.05878	6.65452E-05	8.9473E-04		
610420.43	4206155.03	14017.96811	0.00309	0.05502	6.60974E-05	3.1587E-03	610420.43	4206155.03	14017.96811	0.00088	0.05502	6.60974E-05	9.4238E-04		
610427.43	4206155.03	14853.25893	0.00328	0.05099	6.56175E-05	3.3424E-03	610427.43	4206155.03	14853.25893	0.00093	0.05099	6.56175E-05	9.9410E-04		
610434.43	4206155.03	15762.29048	0.00348	0.05670	6.51056E-05	3.5425E-03	610434.43	4206155.03	15762.29048	0.00099	0.05670	6.51056E-05	1.0504E-03		
610441.43	4206155.03	16751.72604	0.00370	0.05420	6.45588E-05	3.7602E-03	610441.43	4206155.03	16751.72604	0.00105	0.05420	6.45588E-05	1.1117E-03		
610448.43	4206155.03	17834.37442	0.00393	0.05723	6.39788E-05	3.9985E-03	610448.43	4206155.03	17834.37442	0.00111	0.05723	6.39788E-05	1.1788E-03		
610455.43	4

610378.43	4206162.03	9960.57761	0.00220	0.61063	7.27200E-05	2.27026-03	610378.43	4206162.03	9960.57761	0.00062	0.61063	7.27200E-05	6.9536E-04		
610385.43	4206162.03	10464.11016	0.00231	0.60775	7.23770E-05	2.38096-03	610385.43	4206162.03	10464.11016	0.00065	0.60775	7.23770E-05	7.2649E-04		
610392.43	4206162.03	11006.11395	0.00243	0.60468	7.20114E-05	2.50016-03	610392.43	4206162.03	11006.11395	0.00069	0.60468	7.20114E-05	7.6001E-04		
610399.43	4206162.03	11590.66984	0.00256	0.60142	7.16232E-05	2.62876-03	610399.43	4206162.03	11590.66984	0.00072	0.60142	7.16232E-05	7.9616E-04		
610406.43	4206162.03	12222.08634	0.00270	0.59794	7.12087E-05	2.76766-03	610406.43	4206162.03	12222.08634	0.00076	0.59794	7.12087E-05	8.3521E-04		
610413.43	4206162.03	12905.28408	0.00285	0.59425	7.07693E-05	2.91766-03	610413.43	4206162.03	12905.28408	0.00081	0.59425	7.07693E-05	8.7748E-04		
610420.43	4206162.03	13649.97987	0.00301	0.59043	7.03144E-05	3.08176-03	610420.43	4206162.03	13649.97987	0.00085	0.59043	7.03144E-05	9.2358E-04		
610427.43	4206162.03	14459.01879	0.00319	0.58634	6.98273E-05	3.25976-03	610427.43	4206162.03	14459.01879	0.00090	0.58634	6.98273E-05	9.7966E-04		
610434.43	4206162.03	15339.6482	0.00338	0.58198	6.93081E-05	3.45346-03	610434.43	4206162.03	15339.6482	0.00096	0.58198	6.93081E-05	1.0282E-03		
610441.43	4206162.03	16301.83416	0.00360	0.57736	6.87579E-05	3.66526-03	610441.43	4206162.03	16301.83416	0.00102	0.57736	6.87579E-05	1.0878E-03		
610448.43	4206162.03	17351.89603	0.00383	0.57242	6.81696E-05	3.89626-03	610448.43	4206162.03	17351.89603	0.00108	0.57242	6.81696E-05	1.1528E-03		
610455.43	4206162.03	18502.01014	0.00408	0.56715	6.75420E-05	4.14936-03	610455.43	4206162.03	18502.01014	0.00116	0.56715	6.75420E-05	1.2241E-03		
610462.43	4206162.03	19744.53527	0.00436	0.56156	6.68762E-05	4.42726-03	610462.43	4206162.03	19744.53527	0.00124	0.56156	6.68762E-05	1.3024E-03		
610469.43	4206162.03	21153.81078	0.00467	0.55561	6.61677E-05	4.73926-03	610469.43	4206162.03	21153.81078	0.00132	0.55561	6.61677E-05	1.3885E-03		
610476.43	4206162.03	22686.19526	0.00500	0.54930	6.54162E-05	5.07036-03	610476.43	4206162.03	22686.19526	0.00142	0.54930	6.54162E-05	1.4835E-03		
610483.43	4206162.03	24380.55438	0.00538	0.54260	6.46183E-05	5.44336-03	610483.43	4206162.03	24380.55438	0.00152	0.54260	6.46183E-05	1.5887E-03		
610497.43	4206162.03	28367.42698	0.00626	0.52803	6.28832E-05	6.32116-03	610497.43	4206162.03	28367.42698	0.00177	0.52803	6.28832E-05	1.8361E-03		
610504.43	4206162.03	30712.75567	0.00678	0.52009	6.19376E-05	6.83766-03	610504.43	4206162.03	30712.75567	0.00192	0.52009	6.19376E-05	1.9818E-03		
610511.43	4206162.03	33333.05759	0.00735	0.51166	6.09336E-05	7.41476-03	610511.43	4206162.03	33333.05759	0.00208	0.51166	6.09336E-05	2.1446E-03		
610518.43	4206162.03	36279.20982	0.00800	0.50276	5.98737E-05	8.06366-03	610518.43	4206162.03	36279.20982	0.00227	0.50276	5.98737E-05	2.3277E-03		
610525.43	4206162.03	39593.54538	0.00873	0.49335	5.87531E-05	8.79366-03	610525.43	4206162.03	39593.54538	0.00248	0.49335	5.87531E-05	2.5388E-03		
610532.43	4206162.03	43347.8674	0.00956	0.48344	5.75729E-05	9.62076-03	610532.43	4206162.03	43347.8674	0.00271	0.48344	5.75729E-05	2.7673E-03		
610539.43	4206162.03	47606.29117	0.01050	0.47302	5.63320E-05	1.05596-02	610539.43	4206162.03	47606.29117	0.00298	0.47302	5.63320E-05	3.0322E-03		
610546.43	4206162.03	52474.37148	0.01158	0.46209	5.50304E-05	1.16326-02	610546.43	4206162.03	52474.37148	0.00328	0.46209	5.50304E-05	3.3352E-03		
610553.43	4206162.03	58054.26289	0.01281	0.45064	5.36668E-05	1.28616-02	610553.43	4206162.03	58054.26289	0.00363	0.45064	5.36668E-05	3.6826E-03		
610560.43	4206162.03	64500.71125	0.01423	0.43869	5.22436E-05	1.42826-02	610560.43	4206162.03	64500.71125	0.00403	0.43869	5.22436E-05	4.0842E-03		
610567.43	4206162.03	71971.25796	0.01588	0.42625	5.07622E-05	1.59286-02	610567.43	4206162.03	71971.25796	0.00450	0.42625	5.07622E-05	4.5497E-03		
610574.43	4206162.03	80741.61542	0.01781	0.41335	4.92259E-05	1.78626-02	610574.43	4206162.03	80741.61542	0.00505	0.41335	4.92259E-05	5.0964E-03		
610581.43	4206162.03	91147.8093	0.02011	0.40002	4.76384E-05	2.01566-02	610581.43	4206162.03	91147.8093	0.00570	0.40002	4.76384E-05	5.7453E-03		
610588.43	4206162.03	103663.1355	0.02287	0.38631	4.60057E-05	2.29166-02	610588.43	4206162.03	103663.1355	0.00648	0.38631	4.60057E-05	6.5260E-03		
610595.43	4206162.03	118854.3002	0.02622	0.37227	4.43337E-05	2.62656-02	610595.43	4206162.03	118854.3002	0.00743	0.37227	4.43337E-05	7.4739E-03		
610602.43	4206162.03	137449.9479	0.03032	0.35796	4.26295E-05	3.03666-02	610602.43	4206162.03	137449.9479	0.00859	0.35796	4.26295E-05	8.6347E-03		
610609.43	4206162.03	160002.4152	0.03530	0.34345	4.09015E-05	3.53406-02	610609.43	4206162.03	160002.4152	0.01000	0.34345	4.09015E-05	1.0043E-02		
610616.43	4206162.03	183821.575	0.04055	0.32881	3.91580E-05	4.05936-02	610616.43	4206162.03	183821.575	0.01149	0.32881	3.91580E-05	1.1530E-02		
610770.43	4206162.03	317143.9162	0.06997	0.10795	1.28558E-05	6.99796-02	610770.43	4206162.03	317143.9162	0.01982	0.10795	1.28558E-05	1.9838E-02		
610777.43	4206162.03	299883.8584	0.06616	0.10393	1.23770E-05	6.61716-02	610777.43	4206162.03	299883.8584	0.01875	0.10393	1.23770E-05	1.8758E-02		
610784.43	4206162.03	273156.3763	0.06026	0.10021	1.19340E-05	6.02746-02	610784.43	4206162.03	273156.3763	0.01708	0.10021	1.19340E-05	1.7087E-02		
610791.43	4206162.03	244842.1468	0.05402	0.09675	1.15220E-05	5.40276-02	610791.43	4206162.03	244842.1468	0.01531	0.09675	1.15220E-05	1.5317E-02		
610798.43	4206162.03	219339.2926	0.04839	0.09352	1.11378E-05	4.84086-02	610798.43	4206162.03	219339.2926	0.01371	0.09352	1.11378E-05	1.3722E-02		
610805.43	4206162.03	197354.8387	0.04354	0.09049	1.07765E-05	4.35206-02	610805.43	4206162.03	197354.8387	0.01234	0.09049	1.07765E-05	1.2347E-02		
610812.43	4206162.03	178503.977	0.03938	0.08765	1.04382E-05	3.93916-02	610812.43	4206162.03	178503.977	0.01116	0.08765	1.04382E-05	1.1169E-02		
610819.43	4206162.03	135701.3139	0.02994	0.08006	9.53435E-06	2.99476-02	610819.43	4206162.03	135701.3139	0.00848	0.08006	9.53435E-06	8.4922E-03		
610840.43	4206162.03	124742.6891	0.02752	0.07780	9.26521E-06	2.75296-02	610840.43	4206162.03	124742.6891	0.00780	0.07780	9.26521E-06	7.8070E-03		
610847.43	4206162.03	114996.1364	0.02537	0.07566	9.01036E-06	2.53796-02	610847.43	4206162.03	114996.1364	0.00719	0.07566	9.01036E-06	7.1974E-03		
610854.43	4206162.03	106280.6645	0.02345	0.07362	8.76741E-06	2.34566-02	610854.43	4206162.03	106280.6645	0.00664	0.07362	8.76741E-06	6.6524E-03		
610861.43	4206162.03	98449.66076	0.02172	0.07168	8.53638E-06	2.17286-02	610861.43	4206162.03	98449.66076	0.00615	0.07168	8.53638E-06	6.1626E-03		
610868.43	4206162.03	91184.89705	0.02016	0.06984	8.31725E-06	2.01686-02	610868.43	4206162.03	91184.89705	0.00571	0.06984	8.31725E-06	5.7208E-03		
610875.43	4206162.03	84989.19332	0.01875	0.06808	8.10766E-06	1.87586-02	610875.43	4206162.03	84989.19332	0.00531	0.06808	8.10766E-06	5.3208E-03		
610882.43	4206162.03	79181.74253	0.01747	0.06640	7.90758E-06	1.74766-02	610882.43	4206162.03	79181.74253	0.00495	0.06640	7.90758E-06	4.9576E-03		
610889.43	4206162.03	73893.86686	0.01630	0.06479	7.71585E-06	1.63026-02	610889.43	4206162.03	73893.86686	0.00462	0.06479	7.71585E-06	4.6268E-03		
610896.43	4206162.03	69067.99899	0.01524	0.06326	7.53364E-06	1.52456-02	610896.43	4206162.03	69067.99899	0.00432	0.06326	7.53364E-06	4.3250E-03		
610903.43	4206162.03	64653.4532	0.01426	0.06178	7.35739E-06	1.42716-02	610903.43	4206162.03	64653.4532	0.00404	0.06178	7.35739E-06	4.0488E-03		
610910.43	4206162.03	60607.71182	0.01337	0.06038	7.19066E-06	1.33786-02	610910.43	4206162.03	60607.71182	0.00379	0.06038	7.19066E-06	3.7958E-03		
610917.43	4206162.03	56892.8043	0.01255	0.05902	7.02870E-06	1.25586-02	610917.43	4206162.03	56892.8043	0.00356	0.05902	7.02870E-06	3.5634E-03		
610924.43	4206162.03	53475.63033	0.01180	0.05773	6.87507E-06	1.18046-02	610924.43	4206162.03	53475.63033	0.00334	0.05773	6.87507E-06	3.3496E-03		
610931.43	4206162.03	50327.39536	0.01110	0.05648	6.72621E-06	1.11106-02	610931.43	4206162.03	50327.39536	0.00315	0.05648	6.72621E-06	3.1527E-03		
610952.43	4206162.03	42253.09745	0.00932	0.05302	6.31416E-06	9.32796-03	610952.43	4206162.03	42253.09745	0.00264	0.05302	6.31416E-06	2.6476E-03		
610959.43	4206162.03	39950.59065	0.00881	0.05195	6.18673E-06	8.81986-03	610959.43	4206162.03	39950.59065	0.00250	0.05195	6.18673E-06	2.5035E-03		
610966.43	4206162.03	37814.02276	0.00834	0.05092	6.06407E-06	8.34846-03	610966.43	4206162.03	37814.02276	0.00236	0.05092	6.06407E-06	2.3698E-03		
610973.43	4206162.03	35828.8213	0.00790	0.04992	5.94498E-06	7.91036-03	610973.43	4206162.03	35828.8213	0.00224	0.04992	5.94498E-06	2.2456E-03		
610980.43	4206162.03	33981.95604	0.00750	0.04898	5.83065E-06	7.50276-03	610980.43	4206162.03	33981.95604	0.00212	0.04896	5.83065E-06	2.1300E-03		
610987.43	4206162.03	32261.75695	0.00712	0.04803	5.71990E-06	7.12316-03	610987.43	4206162.03	32261.75695	0.00202	0.04803	5.71990E-06	2.0224E-03		
610994.43	4206162.03	30657.59608	0.00676	0.04713	5.61272E-06	6.76916-03	610994.43	4206162.03	30657.59608	0.00192	0.04713	5.61272E-06	1.9228E-03		
611001.43	4206162.03	29160.01525	0.00643	0.04626	5.50911E-06	6.43866-03	611001.43	4206162.03	29160.01525	0.00182	0.04626	5.50911E-06	1.8283E-03		
611008.43	4206162.03	27760.28256	0.00612	0.04541	5.40788E-06	6.12976-03	611008.43	4206162.03	27760.28256	0.00174	0.04541	5.40788E-06	1.7407E-03		
611029.43	4206162.03	24073.8954	0.00531	0.04304	5.12564E-06	5.31626-03	611029.43	4206162.03	24073.8954	0.00150	0.04304	5.12564E-06	1.5100E-03		
611036.43	4206162.03	22994.52403	0.00507	0.04229	5.03632E-06	5.07796-03	611036.43	4206162.03	22994.52403	0.00144	0.04229	5.03632E-06	1.4424E-03		
611043.43	4206162.03	21980.46166	0.00485	0.04157	4.95058E-06	4.85416-03	611043.43	4206162.03	21980.46166	0.00137	0.04157	4.95058E-06	1.3790E-03		
611050.43	4206162.03	21026.92729	0.00464	0.04086	4.86602E-06	4.64376-03	611050.43	4206162.03	21026.92729	0.00131	0.04086	4.86602E-06	1.3193E-03		
611057.43	4206162.03	20129.42056	0.00444	0.04018	4.78504E-06	4.44566-03	611057.43	4206162.03	20129.42056	0.00126	0.04018	4.78504E-06	1.2631E-03		
611064.43	4206162.03	19283.83784	0.00425	0.03952	4.70644E-06	4.25906-03	611064.43	4206162.03	19283.83784	0.00121	0.03952	4.70644E-06	1.2101E-03		
611071.43	4206162.03	18486.52837	0.00408	0.03887	4.62903E-06	4.08306-03	611071.43	4206162.03	18486.52837	0.00116	0.03887	4.62903E-06	1.1602E-03		
611078.43	4206162.03	17734.09661	0.00391	0.03824	4.55402E-06	3.91686-03	611078.43	4206162.03	17734.09661	0.00111	0.03824	4.55402E-06	1.1131E-03		
611085.43	4206162.03	17023.3601	0.00376	0.03763	4.48136E-06	3.76016-03	611085.43	4206162.03	17023.3601	0.00106	0.03763	4.48136E-06	1.0686E-03		
611092.43	4206162.03	16351.51598	0.00361	0.03704	4.41110E-06	3.61186-03	611092.43	4206162.03	16351.51598	0.00102	0.03704	4.41110E-06	1.0265E-03		
610294.43	4206169.03	5829.34164	0.00129	0.67296	8.01429E-05	1.36626-03	610294.43	4206169.03	5829.34164	0.00036	0.67296	8.01429E-05	4.4454E-04		
610301.43	4206169.03	6054.30834	0.00134	0.67159	7.99797E-05	1.41566-03	610301.43	4206169.03	6054.30834	0.00038	0.67159	7.99797E-05	4.5844E-04		
610308.43	4206169.03	6292.58729	0.00139	0.67015	7.98082E-05	1.46806-03	610308.43	4206169.03	6292.58729	0.00039	0.67015	7.98082E-05	4.7316E-04		
610315.43	4206169.03	6545.2707	0.00144	0.66863	7.96272E-05	1.52366-03	610315.43	4206169.03	6545.2707	0.00041	0.66863	7.96272E-05	4.8877E-04		
610322.43	4206169.03	6813.5386	0.00150	0.66702	7.94355E-05	1.58266-03	610322.43	4206169.03	6813.5386	0.00043	0.66702	7.94355E-05	5.0535E-04		
610329.43	4206169.03	7098.60916	0.00157	0.66531	7.92318E-05	1.64536-03	610329.43	4206169.03	7098.60916	0.00044	0.66531	7.92318E-05	5.2297E-04		
610336.43	4206169.03	7402.00657	0.00163	0.66350	7.90163E-05	1.71206-03	610336.43	4206169.03	7402.00657	0.00046	0.66350	7.90163E-05	5.4172E-04		
610343.43	4206169.03	7725.25472	0.00170	0.66156	7.87853E-05	1.78316-03	610343.43	4206169.03	7725.25472	0.00048	0.66156	7.87853E-05	5.6169E-04		
610350.43	4206169.03	8070.16858	0.00178	0.65950	7.85399E-05	1.85886-03	610350.43	4206169.03	8070.16858	0.00050	0.65950	7.85399E-05	5.8301E-04		
610357.43	4206169.03	8438.68631	0.00186	0.65729	7.82767E-05	1.94006-03	610357.43	4206169.03	8438.68631	0.00053	0.65729	7.82767E-05	6.0578E-04		
610364.43	4206169.03	8832.93392	0.00195	0.65493	7.79957E-05	2.02676-03	610364.43	4206169.03	8832.93392	0.00055	0.65493	7.79957E-05	6.3014E-04		
610371.43	4206169.03	9255.30372	0.00204	0.65241	7.76956E-05	2.11956-03	610371.43	4206169.03	9255.30372	0.00058	0.65241	7.76956E-05	6.5625E-04		
610378.43	4206169.03	9708.60623	0.00214	0.64972	7.73752E-05	2.21926-03	610378.43	4206169.03	9708.60623	0.00061	0.64972	7.73752E-05	6.8426E-04		
610385.43	4206169.03	10195.82401	0.00225	0.64684	7.70323E-05	2.32646-03	610385.43	4206169.03	10195.82401	0.00064	0.64684	7.70323E-05	7.1438E-04		
610392.43	4206169.03	10720.292	0.00237	0.64377	7.66666E-05	2.44176-03	610392.43	4206169.03	10720.292	0.00067	0.64377	7.66666E-05	7.4679E-04		
610399.43	4206169.03	11285.88774	0.00249	0.64050	7.62772E-05	2.56616-03	610399.43	4206169.03	11285.88774	0.00071	0.64050	7.62772E-05	7.8176E-04		
610406.43	4206169.03	11896.87595	0.00262	0.63701	7.58616E-05	2.70506-03	610406.43	4206169.03	11896.87595	0.00074	0.63701	7.58616E-05	8.1954E-04		
610413.43	4206169.03	12558.08832	0.00277	0.63329	7.54186E-05	2.84596-03	610413.43	4206169.03	12558.08832	0.00079	0.63329	7.54186E-05	8.6043E-04		
610420.43	4206169.03	13278.89291	0.00293	0.62945	7.49616E-05	3.00456-03	610420.43	4206169.03	13278.89291	0.00083	0.62945	7.49616E-05	9.0503E-04		
610427.43	4206169.03	14060.88993	0.00310	0.62530	7.44670E-05	3.17656-03	610427.43	4206169.03	14060.88993	0.00088	0.62530	7.44670E-05	9.5342E-04		
610434.43	4206169.03	14912.18881	0.00329	0.62087	7.39395E-05	3.36386-03	610434.43	4206169.03	14912.18881	0.00093	0.62087	7.39395E-05	1.0061E-03		
610441.43	4206169.03	15842.67145	0.00350	0.61618	7.33809E-05	3.56856-03	610441.43	4206169.03	15842.67145	0.00099	0.61618	7.33809E-05	1.0637E-03		
610448.43	4206169.03	16858.43831	0.00372	0.61115	7.27819E-05	3.79206-03	610448.43	4206169.03	16858.43831	0.00105	0.61115	7.27819E-05	1.1266E-03		
610455.43	4206169.03	17971.5587	0.00396	0.60580	7.21448E-05	4.03696-03	610455.43	4206169.03	17971.5587	0.00112	0.60580	7.21448E-05	1.1956E-03		
610462.43	4206169.03	19196.32535	0.00423	0.60013	7.14696E-05	4.30646-03	610462.43	4206169.03	19196.32535	0.00120	0.60013	7.14696E-05	1.2714E-03		
610469.43	4206169.03	20542.81852	0.00453	0.59407	7.07479E-05	4.60286-03	610469.43	4206169.03	20542.81852	0.00128	0.59407	7.07479E-05	1.3549E-03		
610476.43	4206169.03	22031.49563	0.00486	0.58764	6.99821E-05	4.93046-03	610476.43	4206169.03	22031.49563	0.00138	0.58764	6.99821E-05	1.4472E-03		
610483.43	4206169.03	23676.69764	0.00522	0.58079	6.91663E-05	5.29266-03	610483.43	4206169.03	23676.69764	0.00148	0.58079	6.91663E-05	1.5492E-03		
610497.43	4206169.03	27564.0297	0.00608	0.56587	6.73895E-05	6.14846-03	610497.43	4206169.03	27564.0297	0.00172	0.56587	6.73895E-05	1.7904E-03		
610504.43	4206169.03	29853.36336	0.00659	0.55770	6.64166E-05	6.65256-03	610504.43	4206169.03	29853.36336	0.00187	0.55770	6.64166E-05	1.9326E-03		
610511.43	4206169.03	32423.02887	0.00715	0.54901	6.53817E-05	7.21836-03	610511.43	4206169.03	32423.02887	0.00203	0.54901	6.53817E-05	2.0922E-03		
610518.43	4206169.03	35308.39613	0.00779	0.53978	6.42825E-05	7.85386-03	610518.43	4206169.03	35308.39613	0.00221	0.53978	6.42825E-05	2.2714E-03		
610525.43	4206169.03	38564.85246	0.00851	0.53001	6.31190E-05	8.57116-03	610525.43	4206169.03	38564.85246	0.00241	0.53001	6.31190E-05	2.4738E-03		
610532.43	4206169.03	42254.44905	0.00932	0.51966	6.18864E-05	9.38386-03	610532.43	4206169.03	42254.44905	0.00264	0.51966	6.18864E-05	2.7032E-03		
610539.43	4206169.03	46453.437	0.01025	0.50875	6.05872E-05	1.03086-02	610539.43	4206169.03	46453.437	0.00290	0.50875	6.05872E-05	2.9644E-03		
610546.43	4206169.03	51255.11411	0.01131	0.49725	5.92176E-05	1.13676-02	610546.43	4206169.03	51255.11411	0.00320	0.49725	5.92176E-05	3.2632E-03		
610553.43	4206169.03	56777.03229	0.01253	0.48517	5.77790E-05	1.25846-02	610553.43	4206169.03	56777.03229	0.00355	0.48517	5.77790E-05	3.6069E-03		
610560.43	4206169.03	63168.73616	0.01394	0.47251	5.62713E-05	1.39926-02	610560.43	4206169.03	63168.73616	0.00395	0.47251	5.62713E-05	4.0058E-03		
610567.43	4206169.03	70566.2388	0.01557	0.45927	5.46945E-05	1.56236-02	610567.43	4206169.03	70566.2388	0.00441	0.45927	5.46945E-05	4.4658E-03		
610574.43	4206169.03	79275.80078	0.01749	0.44549	5.30535E-05	1.75426-02	610574.43	4206169.03	79275.80078	0.00496	0.44549	5.30535E-05	5.0086E-03		
610581.43	4206169.03	89609.47427	0.01977	0.43119	5.13505E-05	1.98206-02	610581.43	4206169.03	89609.47427	0.00560	0.43119	5.13505E-05	5.6529E-03		
610588.43	4206169.03	102051.0263	0.02251	0.41642	4.95915E-05	2.25616-02	610588.43	4206169.03	102051.0263	0.00638	0.41642	4.95915E-05	6.4288E-03		
610595.43	4206169.03	117159.6772	0.02585	0.40123	4.77825E-05	2.58956-02	610595.43	4206169.03	117159.6772	0.00732	0.40123	4.77825E-05	7.3715E-03		
610602.43	4206169.03	135695.3536	0.02994	0.38570	4.59331E-05	2.99826-02	610602.43	4206169.03	135695.3536	0.00848	0.38570	4.59331E-05	8.5283E-03		
610609.43	4206169.03	158070.1401	0.03487	0.36990	4.40514E-05	3.49166-02	610609.43	4206169.03	158070.1401	0.00988	0.36990	4.40514E-05	9.9250E-03		
610616.43	4206169.03	183933.462	0.04014	0.35391	4.21472E-05	4.01796-02	610616.43	4206169.03	183933.462	0.01137	0.35391	4.21472E-05	1.1415E-02		
610770.43	4206169.03	318528.9122	0.07027	0.11297	1.34536E-05	7.02856-02	610770.43	4206169.03	318528.9122	0.01991	0.11297	1.34536E-05	1.9925E-02		
610777.43	4206169.03	301063.1048	0.06642	0.10872	1.29475E-05	6.64326-02	610777.43	4206169.03	301063.1048	0.01882	0.10872	1.29475E-05	1.8832E-02		
610784.43	4206169.03	274365.2286	0.06053	0.10479	1.24795E-05	6.05416-02	610784.43	4206169.03	274365.2286	0.01715	0.10479	1.24795E-05	1.7163E-02		
610791.43	4206169.03	246258.8224	0.05433	0.10112	1.20424E-05	5.43406-02	610791.43	4206169.03	246258.8224	0.01539	0.10112	1.20424E-05	1.5406E-02		
610798.43	4206169.03	220951.0952	0.04874	0.09771	1.16363E-05	4.87566-02	610798.43	4206169.03	220951.0952	0.01381	0.09771	1.16363E-05	1.3823E-02		
610805.43	4206169.03	199152.5938	0.04394	0.09451	1.12552E-05	4.39476-02	610805.43	4206169.03	199152.5938	0.01245	0.09451	1.12552E-05	1.2460E-02		
610812.43	4206169.03	180447.5228	0.03981	0.09151	1.08979E-05	3.98206-02	610812.43	4206169.03	180447.5228	0.01128	0.09151	1.08979E-05	1.1291E-02		
610833.43	4206169.03	137929.347	0.03043	0.08350	9.94402E-06	3.04396-02	610833.43	4206169.03	137929.347	0.00862	0.08350	9.94402E-06	8.6319E-03		
610840.43	4206169.03	127020.7142	0.02802	0.08112	9.66059E-06	2.80326-02	610840.43	4206169.03	127020.7142	0.00794	0.08112	9.66059E-06	7.9497E-03		
610847.43	4206169.03	117305.1018	0.02588	0.07886	9.39145E-06	2.58896-02	610847.43	4206169.03	117305.1018	0.00733	0.07886	9.39145E-06	7.3422E-03		
610854.43	4206169.03	108602.8864	0.02396	0.07672	9.13659E-06	2.39686-02	610854.43	4206169.03	108602.8864	0.00679	0.07672	9.13659E-06	6.7979E-03		
610861.43	4206169.03	100770.3053	0.02223	0.07468	8.89365E-06	2.22406-02	610861.43	4206169.03	100770.3053	0.00630	0.07468	8.89365E-06	6.3081E-03		
610868.43	4206169.03	93690.693	0.02067	0.07274	8.66262E-06	2.06786-02	610868.43	4206169.03	93690.693	0.00586	0.07274	8.66262E-06	5.8653E-03		
610875.43	4206169.03	87268.98315	0.01925	0.07089	8.44230E-06	1.92616-02	610875.43	4206169.03	87268.98315	0.00546	0.07089	8.44230E-06	5.4636E-03		
610882.43	4206169.03	81425.72747	0.01796	0.06912	8.23151E-06	1.79726-02	610882.43	4206169.03	81425.72747	0.00509	0.06912	8.23151E-06	5.0982E-03		
610889.43	4206169.03	76094.46373	0.01679	0.06743

610798.43	4206176.03	222261.5305	0.04903	0.10226	1.21782E-05	4.90466-02	610798.43	4206176.03	222261.5305	0.01389	0.10226	1.21782E-05	1.3906E-02		
610805.43	4206176.03	200658.5094	0.04427	0.09887	1.17744E-05	4.42806-02	610805.43	4206176.03	200658.5094	0.01254	0.09887	1.17744E-05	1.2555E-02		
610812.43	4206176.03	182104.1562	0.04017	0.09569	1.13957E-05	4.01866-02	610812.43	4206176.03	182104.1562	0.01138	0.09569	1.13957E-05	1.1395E-02		
610833.43	4206176.03	139891.889	0.03086	0.08723	1.03882E-05	3.08726-02	610833.43	4206176.03	139891.889	0.00874	0.08723	1.03882E-05	8.7551E-03		
610840.43	4206176.03	129043.514	0.02847	0.08472	1.00893E-05	2.84796-02	610840.43	4206176.03	129043.514	0.00807	0.08472	1.00893E-05	8.0766E-03		
610847.43	4206176.03	119370.3418	0.02633	0.08233	9.80469E-06	2.63456-02	610847.43	4206176.03	119370.3418	0.00746	0.08233	9.80469E-06	7.4717E-03		
610854.43	4206176.03	110694.2694	0.02442	0.08007	9.53555E-06	2.44306-02	610854.43	4206176.03	110694.2694	0.00692	0.08007	9.53555E-06	6.9291E-03		
610861.43	4206176.03	102873.7684	0.02270	0.07792	9.27950E-06	2.27056-02	610861.43	4206176.03	102873.7684	0.00643	0.07792	9.27950E-06	6.4399E-03		
610868.43	4206176.03	95793.53322	0.02113	0.07588	9.03656E-06	2.11426-02	610868.43	4206176.03	95793.53322	0.00599	0.07588	9.03656E-06	5.9971E-03		
610875.43	4206176.03	89359.38653	0.01971	0.07393	8.80433E-06	1.97216-02	610875.43	4206176.03	89359.38653	0.00559	0.07393	8.80433E-06	5.5947E-03		
610882.43	4206176.03	83404.89027	0.01842	0.07207	8.58282E-06	1.84296-02	610882.43	4206176.03	83404.89027	0.00522	0.07207	8.58282E-06	5.2278E-03		
610889.43	4206176.03	78134.14172	0.01724	0.07029	8.37084E-06	1.72466-02	610889.43	4206176.03	78134.14172	0.00488	0.07029	8.37084E-06	4.8926E-03		
610896.43	4206176.03	73221.90077	0.01615	0.06860	8.16958E-06	1.61626-02	610896.43	4206176.03	73221.90077	0.00458	0.06860	8.16958E-06	4.5853E-03		
610903.43	4206176.03	68710.79405	0.01516	0.06697	7.97547E-06	1.51676-02	610903.43	4206176.03	68710.79405	0.00430	0.06697	7.97547E-06	4.3031E-03		
610910.43	4206176.03	64560.24816	0.01424	0.06542	7.79088E-06	1.42516-02	610910.43	4206176.03	64560.24816	0.00404	0.06542	7.79088E-06	4.0435E-03		
610917.43	4206176.03	60734.12155	0.01340	0.06392	7.61224E-06	1.34066-02	610917.43	4206176.03	60734.12155	0.00380	0.06392	7.61224E-06	3.8041E-03		
610924.43	4206176.03	57201.7793	0.01262	0.06249	7.44194E-06	1.26276-02	610924.43	4206176.03	57201.7793	0.00358	0.06249	7.44194E-06	3.5831E-03		
610945.43	4206176.03	48105.984	0.01061	0.05852	6.96915E-06	1.06206-02	610945.43	4206176.03	48105.984	0.00301	0.05852	6.96915E-06	3.0141E-03		
610952.43	4206176.03	45502.03311	0.01004	0.05730	6.82386E-06	1.00456-02	610952.43	4206176.03	45502.03311	0.00284	0.05730	6.82386E-06	2.8512E-03		
610959.43	4206176.03	43081.15959	0.00950	0.05611	6.68215E-06	9.51106-03	610959.43	4206176.03	43081.15959	0.00269	0.05611	6.68215E-06	2.6997E-03		
610966.43	4206176.03	40828.26359	0.00901	0.05497	6.54638E-06	9.01386-03	610966.43	4206176.03	40828.26359	0.00255	0.05497	6.54638E-06	2.5587E-03		
610973.43	4206176.03	38728.94259	0.00854	0.05387	6.41538E-06	8.55066-03	610973.43	4206176.03	38728.94259	0.00242	0.05387	6.41538E-06	2.4274E-03		
610980.43	4206176.03	36770.79187	0.00811	0.05281	6.28915E-06	8.11846-03	610980.43	4206176.03	36770.79187	0.00230	0.05281	6.28915E-06	2.3048E-03		
610987.43	4206176.03	34942.25924	0.00771	0.05178	6.16649E-06	7.71496-03	610987.43	4206176.03	34942.25924	0.00218	0.05178	6.16649E-06	2.1904E-03		
610994.43	4206176.03	33233.03524	0.00733	0.05079	6.04859E-06	7.33776-03	610994.43	4206176.03	33233.03524	0.00208	0.05079	6.04859E-06	2.0835E-03		
611001.43	4206176.03	31633.65718	0.00698	0.04983	5.93426E-06	6.98486-03	611001.43	4206176.03	31633.65718	0.00198	0.04983	5.93426E-06	1.9834E-03		
611008.43	4206176.03	30135.71523	0.00665	0.04890	5.82353E-06	6.65426-03	611008.43	4206176.03	30135.71523	0.00188	0.04890	5.82353E-06	1.8896E-03		
611015.43	4206176.03	28731.35348	0.00634	0.04800	5.71633E-06	6.34426-03	611015.43	4206176.03	28731.35348	0.00180	0.04800	5.71633E-06	1.8017E-03		
611022.43	4206176.03	26175.75999	0.00577	0.04627	5.51008E-06	5.78026-03	611022.43	4206176.03	26175.75999	0.00164	0.04627	5.51008E-06	1.6418E-03		
611036.43	4206176.03	25012.11052	0.00552	0.04545	5.41265E-06	5.52346-03	611036.43	4206176.03	25012.11052	0.00156	0.04545	5.41265E-06	1.5689E-03		
611043.43	4206176.03	23917.31455	0.00528	0.04465	5.31737E-06	5.28186-03	611043.43	4206176.03	23917.31455	0.00150	0.04465	5.31737E-06	1.5004E-03		
611050.43	4206176.03	22886.27152	0.00505	0.04388	5.22567E-06	5.05436-03	611050.43	4206176.03	22886.27152	0.00143	0.04388	5.22567E-06	1.4359E-03		
611057.43	4206176.03	21914.54	0.00483	0.04312	5.13517E-06	4.83986-03	611057.43	4206176.03	21914.54	0.00137	0.04312	5.13517E-06	1.3750E-03		
611064.43	4206176.03	20997.96683	0.00463	0.04239	5.04823E-06	4.6375E-03	611064.43	4206176.03	20997.96683	0.00131	0.04239	5.04823E-06	1.3176E-03		
611071.43	4206176.03	20132.67637	0.00444	0.04168	4.96368E-06	4.44656-03	611071.43	4206176.03	20132.67637	0.00126	0.04168	4.96368E-06	1.2635E-03		
611078.43	4206176.03	19315.20449	0.00426	0.04098	4.88031E-06	4.26616-03	611078.43	4206176.03	19315.20449	0.00121	0.04098	4.88031E-06	1.2123E-03		
611085.43	4206176.03	18542.31024	0.00409	0.04031	4.80052E-06	4.09556-03	611085.43	4206176.03	18542.31024	0.00116	0.04031	4.80052E-06	1.1639E-03		
611092.43	4206176.03	17810.95981	0.00393	0.03965	4.72192E-06	3.93416-03	611092.43	4206176.03	17810.95981	0.00111	0.03965	4.72192E-06	1.1181E-03		
611094.43	4206183.03	5577.33861	0.00123	0.76348	9.09229E-05	1.3214E-03	611094.43	4206183.03	5577.33861	0.00035	0.76348	9.09229E-05	4.3956E-04		
610301.43	4206183.03	5788.48691	0.00128	0.76218	9.07681E-05	1.3678E-03	610301.43	4206183.03	5788.48691	0.00036	0.76218	9.07681E-05	4.5261E-04		
610308.43	4206183.03	6011.98739	0.00133	0.76081	9.06050E-05	1.4169E-03	610308.43	4206183.03	6011.98739	0.00038	0.76081	9.06050E-05	4.6642E-04		
610315.43	4206183.03	6248.85016	0.00138	0.75936	9.04323E-05	1.4698E-03	610315.43	4206183.03	6248.85016	0.00039	0.75936	9.04323E-05	4.8105E-04		
610322.43	4206183.03	6500.11298	0.00143	0.75783	9.02501E-05	1.5243E-03	610322.43	4206183.03	6500.11298	0.00041	0.75783	9.02501E-05	4.9657E-04		
610329.43	4206183.03	6766.97452	0.00149	0.75620	9.00559E-05	1.5829E-03	610329.43	4206183.03	6766.97452	0.00042	0.75620	9.00559E-05	5.1306E-04		
610336.43	4206183.03	7050.7686	0.00156	0.75445	8.98475E-05	1.6453E-03	610336.43	4206183.03	7050.7686	0.00044	0.75445	8.98475E-05	5.3059E-04		
610343.43	4206183.03	7352.95003	0.00162	0.75258	8.96248E-05	1.7118E-03	610343.43	4206183.03	7352.95003	0.00046	0.75258	8.96248E-05	5.4926E-04		
610350.43	4206183.03	7675.17671	0.00169	0.75057	8.93855E-05	1.7826E-03	610350.43	4206183.03	7675.17671	0.00048	0.75057	8.93855E-05	5.6916E-04		
610357.43	4206183.03	8019.20138	0.00177	0.74841	8.91282E-05	1.8583E-03	610357.43	4206183.03	8019.20138	0.00050	0.74841	8.91282E-05	5.9041E-04		
610364.43	4206183.03	8387.08002	0.00185	0.74609	8.88519E-05	1.9392E-03	610364.43	4206183.03	8387.08002	0.00052	0.74609	8.88519E-05	6.1313E-04		
610371.43	4206183.03	8781.03445	0.00194	0.74359	8.85542E-05	2.0298E-03	610371.43	4206183.03	8781.03445	0.00055	0.74359	8.85542E-05	6.3748E-04		
610378.43	4206183.03	9203.59709	0.00203	0.74091	8.82351E-05	2.1187E-03	610378.43	4206183.03	9203.59709	0.00058	0.74091	8.82351E-05	6.6355E-04		
610385.43	4206183.03	9657.60807	0.00213	0.73804	8.78933E-05	2.2185E-03	610385.43	4206183.03	9657.60807	0.00060	0.73804	8.78933E-05	6.9159E-04		
610392.43	4206183.03	10146.14858	0.00224	0.73495	8.75253E-05	2.3259E-03	610392.43	4206183.03	10146.14858	0.00063	0.73495	8.75253E-05	7.2176E-04		
610399.43	4206183.03	10672.9185	0.00235	0.73166	8.71335E-05	2.4417E-03	610399.43	4206183.03	10672.9185	0.00067	0.73166	8.71335E-05	7.5438E-04		
610406.43	4206183.03	11241.33327	0.00248	0.72813	8.67131E-05	2.5668E-03	610406.43	4206183.03	11241.33327	0.00070	0.72813	8.67131E-05	7.8944E-04		
610413.43	4206183.03	11857.49346	0.00262	0.72437	8.62653E-05	2.7022E-03	610413.43	4206183.03	11857.49346	0.00074	0.72437	8.62653E-05	8.2748E-04		
610420.43	4206183.03	12526.33207	0.00276	0.72040	8.57925E-05	2.8493E-03	610420.43	4206183.03	12526.33207	0.00078	0.72040	8.57925E-05	8.6882E-04		
610427.43	4206183.03	13253.1506	0.00292	0.71616	8.52876E-05	3.0091E-03	610427.43	4206183.03	13253.1506	0.00083	0.71616	8.52876E-05	9.1374E-04		
610434.43	4206183.03	14044.7246	0.00310	0.71162	8.47469E-05	3.1832E-03	610434.43	4206183.03	14044.7246	0.00088	0.71162	8.47469E-05	9.6269E-04		
610441.43	4206183.03	14908.58887	0.00329	0.70679	8.41717E-05	3.3732E-03	610441.43	4206183.03	14908.58887	0.00093	0.70679	8.41717E-05	1.0161E-03		
610448.43	4206183.03	15853.83433	0.00350	0.70163	8.35572E-05	3.5831E-03	610448.43	4206183.03	15853.83433	0.00099	0.70163	8.35572E-05	1.0746E-03		
610455.43	4206183.03	16890.47601	0.00373	0.69612	8.29010E-05	3.8092E-03	610455.43	4206183.03	16890.47601	0.00106	0.69612	8.29010E-05	1.1387E-03		
610462.43	4206183.03	18030.21717	0.00398	0.69025	8.22020E-05	4.0599E-03	610462.43	4206183.03	18030.21717	0.00113	0.69025	8.22020E-05	1.2093E-03		
610469.43	4206183.03	19284.55038	0.00425	0.68397	8.14541E-05	4.3359E-03	610469.43	4206183.03	19284.55038	0.00121	0.68397	8.14541E-05	1.2869E-03		
610476.43	4206183.03	20675.72657	0.00456	0.67732	8.06621E-05	4.6420E-03	610476.43	4206183.03	20675.72657	0.00129	0.67732	8.06621E-05	1.3731E-03		
610483.43	4206183.03	22215.63844	0.00490	0.67020	7.98142E-05	4.9870E-03	610483.43	4206183.03	22215.63844	0.00139	0.67020	7.98142E-05	1.4685E-03		
610497.43	4206183.03	25879.16576	0.00571	0.65467	7.79647E-05	5.7873E-03	610497.43	4206183.03	25879.16576	0.00162	0.65467	7.79647E-05	1.6957E-03		
610504.43	4206183.03	28045.39578	0.00619	0.64607	7.69406E-05	6.2641E-03	610504.43	4206183.03	28045.39578	0.00175	0.64607	7.69406E-05	1.8301E-03		
610511.43	4206183.03	30483.96636	0.00673	0.63687	7.58449E-05	6.8010E-03	610511.43	4206183.03	30483.96636	0.00191	0.63687	7.58449E-05	1.9814E-03		
610518.43	4206183.03	33235.41898	0.00733	0.62703	7.46731E-05	7.40696-03	610518.43	4206183.03	33235.41898	0.00208	0.62703	7.46731E-05	2.1522E-03		
610525.43	4206183.03	36347.64984	0.00802	0.61652	7.34124E-05	8.09226-03	610525.43	4206183.03	36347.64984	0.00227	0.61652	7.34124E-05	2.3455E-03		
610532.43	4206183.03	39892.99987	0.00880	0.60531	7.20864E-05	8.87306-03	610532.43	4206183.03	39892.99987	0.00249	0.60531	7.20864E-05	2.5658E-03		
610539.43	4206183.03	43938.15506	0.00969	0.59338	7.06657E-05	9.76406-03	610539.43	4206183.03	43938.15506	0.00275	0.59338	7.06657E-05	2.8172E-03		
610546.43	4206183.03	48590.71317	0.01072	0.58072	6.91580E-05	1.07896-02	610546.43	4206183.03	48590.71317	0.00304	0.58072	6.91580E-05	3.1068E-03		
610553.43	4206183.03	53956.21791	0.01190	0.56730	6.75598E-05	1.19716-02	610553.43	4206183.03	53956.21791	0.00337	0.56730	6.75598E-05	3.4404E-03		
610560.43	4206183.03	60182.94262	0.01328	0.55311	6.58699E-05	1.33416-02	610560.43	4206183.03	60182.94262	0.00376	0.55311	6.58699E-05	3.8279E-03		
610567.43	4206183.03	67406.60205	0.01487	0.53814	6.40872E-05	1.49356-02	610567.43	4206183.03	67406.60205	0.00421	0.53814	6.40872E-05	4.2777E-03		
610574.43	4206183.03	75928.883	0.01675	0.52241	6.22139E-05	1.68316-02	610574.43	4206183.03	75928.883	0.00475	0.52241	6.22139E-05	4.8085E-03		
610581.43	4206183.03	86085.60807	0.01899	0.50594	6.02525E-05	1.90526-02	610581.43	4206183.03	86085.60807	0.00538	0.50594	6.02525E-05	5.4415E-03		
610588.43	4206183.03	98350.91563	0.02170	0.48877	5.82077E-05	2.17566-02	610588.43	4206183.03	98350.91563	0.00615	0.48877	5.82077E-05	6.2061E-03		
610595.43	4206183.03	113282.3401	0.02499	0.47095	5.60855E-05	2.50486-02	610595.43	4206183.03	113282.3401	0.00708	0.47095	5.60855E-05	7.1374E-03		
610602.43	4206183.03	131594.6909	0.02903	0.45257	5.38966E-05	2.90856-02	610602.43	4206183.03	131594.6909	0.00823	0.45257	5.38966E-05	8.2799E-03		
610609.43	4206183.03	153659.9508	0.03390	0.43370	5.16494E-05	3.39516-02	610609.43	4206183.03	153659.9508	0.00961	0.43370	5.16494E-05	9.6570E-03		
610616.43	4206183.03	177448.7641	0.03915	0.41448	4.93605E-05	3.91976-02	610616.43	4206183.03	177448.7641	0.01109	0.41448	4.93605E-05	1.1142E-02		
610770.43	4206183.03	320329.5784	0.07067	0.12442	1.48172E-05	7.06846-02	610770.43	4206183.03	320329.5784	0.02002	0.12442	1.48172E-05	2.0039E-02		
610777.43	4206183.03	302669.3485	0.06677	0.11962	1.42456E-05	6.67876-02	610777.43	4206183.03	302669.3485	0.01892	0.11962	1.42456E-05	1.8934E-02		
610784.43	4206183.03	275956.1214	0.06088	0.11518	1.37168E-05	6.08936-02	610784.43	4206183.03	275956.1214	0.01725	0.11518	1.37168E-05	1.7264E-02		
610791.43	4206183.03	248227.4351	0.05476	0.11106	1.32261E-05	5.47766-02	610791.43	4206183.03	248227.4351	0.01552	0.11106	1.32261E-05	1.5530E-02		
610798.43	4206183.03	223315.266	0.04927	0.10721	1.27677E-05	4.92796-02	610798.43	4206183.03	223315.266	0.01396	0.10721	1.27677E-05	1.3972E-02		
610805.43	4206183.03	201901.7099	0.04454	0.10362	1.23401E-05	4.45556-02	610805.43	4206183.03	201901.7099	0.01262	0.10362	1.23401E-05	1.2633E-02		
610812.43	4206183.03	183502.8144	0.04048	0.10025	1.19388E-05	4.04956-02	610812.43	4206183.03	183502.8144	0.01147	0.10025	1.19388E-05	1.1483E-02		
610833.43	4206183.03	141611.1094	0.03124	0.09129	1.08717E-05	3.12526-02	610833.43	4206183.03	141611.1094	0.00885	0.09129	1.08717E-05	8.8630E-03		
610840.43	4206183.03	130830.3424	0.02886	0.08863	1.05550E-05	2.88746-02	610840.43	4206183.03	130830.3424	0.00818	0.08863	1.05550E-05	8.1888E-03		
610847.43	4206183.03	121208.7019	0.02674	0.08611	1.02548E-05	2.67516-02	610847.43	4206183.03	121208.7019	0.00758	0.08611	1.02548E-05	7.5870E-03		
610854.43	4206183.03	112569.2148	0.02483	0.08372	9.97022E-06	2.48446-02	610854.43	4206183.03	112569.2148	0.00704	0.08372	9.97022E-06	7.0467E-03		
610861.43	4206183.03	104770.9904	0.02311	0.08145	9.69898E-06	2.31246-02	610861.43	4206183.03	104770.9904	0.00655	0.08145	9.69898E-06	6.5590E-03		
610868.43	4206183.03	97701.81288	0.02155	0.07929	9.44266E-06	2.15646-02	610868.43	4206183.03	97701.81288	0.00611	0.07929	9.44266E-06	6.1168E-03		
610875.43	4206183.03	91268.15614	0.02014	0.07723	9.19733E-06	2.01446-02	610875.43	4206183.03	91268.15614	0.00571	0.07723	9.19733E-06	5.7144E-03		
610882.43	4206183.03	85393.79312	0.01884	0.07527	8.96391E-06	1.88486-02	610882.43	4206183.03	85393.79312	0.00534	0.07527	8.96391E-06	5.3469E-03		
610889.43	4206183.03	80015.49426	0.01765	0.07339	8.74002E-06	1.76616-02	610889.43	4206183.03	80015.49426	0.00500	0.07339	8.74002E-06	5.0105E-03		
610896.43	4206183.03	75078.8575	0.01656	0.07160	8.52685E-06	1.65726-02	610896.43	4206183.03	75078.8575	0.00469	0.07160	8.52685E-06	4.7017E-03		
610903.43	4206183.03	70537.6069	0.01556	0.06989	8.32321E-06	1.55706-02	610903.43	4206183.03	70537.6069	0.00441	0.06989	8.32321E-06	4.4176E-03		
610910.43	4206183.03	66351.685	0.01464	0.06825	8.12790E-06	1.46466-02	610910.43	4206183.03	66351.685	0.00415	0.06825	8.12790E-06	4.1558E-03		
610917.43	4206183.03	62486.73018	0.01379	0.06667	7.93974E-06	1.37916-02	610917.43	4206183.03	62486.73018	0.00391	0.06667	7.93974E-06	3.9140E-03		
610924.43	4206183.03	58911.9984	0.01300	0.06516	7.75991E-06	1.30056-02	610924.43	4206183.03	58911.9984	0.00368	0.06516	7.75991E-06	3.6904E-03		
610945.43	4206183.03	49677.68612	0.01096	0.06098	7.26212E-06	1.09676-02	610945.43	4206183.03	49677.68612	0.00311	0.06098	7.26212E-06	3.1126E-03		
610952.43	4206183.03	47025.3905	0.01037	0.05968	7.10730E-06	1.03826-02	610952.43	4206183.03	47025.3905	0.00294	0.05968	7.10730E-06	2.9467E-03		
610959.43	4206183.03	44556.10007	0.00983	0.05844	6.95963E-06	9.83686-03	610959.43	4206183.03	44556.10007	0.00279	0.05844	6.95963E-06	2.7922E-03		
610966.43	4206183.03	42254.61433	0.00932	0.05723	6.81553E-06	9.32886-03	610966.43	4206183.03	42254.61433	0.00264	0.05723	6.81553E-06	2.6482E-03		
610973.43	4206183.03	40107.14956	0.00885	0.05607	6.67738E-06	8.85496-03	610973.43	4206183.03	40107.14956	0.00251	0.05607	6.67738E-06	2.5138E-03		
610980.43	4206183.03	38101.33183	0.00841	0.05495	6.54400E-06	8.41226-03	610980.43	4206183.03	38101.33183	0.00238	0.05495	6.54400E-06	2.3883E-03		
610987.43	4206183.03	36225.98816	0.00799	0.05387	6.41538E-06	7.99846-03	610987.43	4206183.03	36225.98816	0.00226	0.05387	6.41538E-06	2.2709E-03		
610994.43	4206183.03	34470.83681	0.00760	0.05282	6.29034E-06	7.61026-03	610994.43	4206183.03	34470.83681	0.00215	0.05282	6.29034E-06	2.1611E-03		
611001.43	4206183.03	32826.64719	0.00724	0.05181	6.17096E-06	7.24826-03	611001.43	4206183.03	32826.64719	0.00205	0.05181	6.17096E-06	2.0582E-03		
611008.43	4206183.03	31284.97166	0.00690	0.05082	6.05216E-06	6.90796-03	611008.43	4206183.03	31284.97166	0.00196	0.05082	6.05216E-06	1.9615E-03		
611015.43	4206183.03	29838.10399	0.00658	0.04987	5.93902E-06	6.58866-03	611015.43	4206183.03	29838.10399	0.00187	0.04987	5.93902E-06	1.8711E-03		
611029.43	4206183.03	27201.3846	0.00600	0.04805	5.72228E-06	6.0067E-03	611029.43	4206183.03	27201.3846	0.00170	0.04805	5.72228E-06	1.7061E-03		
611036.43	4206183.03	25999.27455	0.00574	0.04719	5.61986E-06	5.74346-03	611036.43	4206183.03	25999.27455	0.00163	0.04719	5.61986E-06	1.6308E-03		
611043.43	4206183.03	24867.2155	0.00549	0.04634	5.51864E-06	5.49166-03	611043.43	4206183.03	24867.2155	0.00155	0.04634	5.51864E-06	1.5600E-03		
611050.43	4206183.03	23800.29854	0.00525	0.04553	5.42217E-06	5.25616-03	611050.43	4206183.03	23800.29854	0.00149	0.04553	5.42217E-06	1.4932E-03		
611057.43	4206183.03	22794.06447	0.00503	0.04473	5.32600E-06	5.03406-03	611057.43	4206183.03	22794.06447	0.00142	0.04473	5.32600E-06	1.4302E-03		
611064.43	4206183.03	21844.2306	0.00482	0.04396	5.23520E-06	4.82446-03	611064.43	4206183.03	21844.2306	0.00137	0.04396	5.23520E-06	1.3707E-03		
611071.43	4206183.03	20946.97609	0.00462	0.04321	5.14488E-06	4.62636-03	611071.43	4206183.03	20946.97609	0.00131	0.04321	5.14488E-06	1.3145E-03		
610294.43	4206190.03	5452.07181	0.00120	0.81669	9.72597E-05	1.3001E-03	610294.43	4206190.03	5452.07181	0.00034	0.81669	9.72597E-05	4.3807E-04		
610301.43	4206190.03	5656.39197	0.00125	0.81542	9.71085E-05	1.3450E-03	610301.43	4206190.03	5656.39197	0.00035	0.81542	9.71085E-05	4.5069E-04		
610308.43	4206190.03	5872.56705	0.00130	0.81409	9.69501E-05	1.3925E-03	610308.43	4206190.03	5872.56705	0.00037	0.81409	9.69501E-05	4.6405E-04		
610315.43	4206190.03	6101.51599	0.00135	0.81269	9.67833E-05	1.4429E-03	610315.43	4206190.03	6101.51599	0.00038	0.81269	9.67833E-05	4.7819E-04		
610322.43	4206190.03	6344.31992	0.00140	0.81120	9.66059E-05	1.4962E-03	610322.43	4206190.03	6344.31992	0.00040	0.81120	9.66059E-05	4.9319E-04		
610329.43	4206190.03	6602.09612	0.00146	0.80961	9.64165E-05	1.5529E-03	610329.43	4206190.03	6602.09612	0.00041	0.80961	9.64165E-05	5.0911E-04		
610336.43	4206190.03	6876.12457	0.00152	0.80791	9.62141E-05	1.6132E-03	610336.43	4206190.03	6876.12457	0.00043	0.80791	9.62141E-05	5.2604E-04		
610343.43	4206190.03	7167.80077	0.00158	0.80608	9.59962E-05	1.6773E-03	610343.43	4206190.03	7167.80077	0.00045	0.80608	9.59962E-05	5.4406E-04		
610350.43	4206190.03	7478.66135	0.00165	0.80410	9.57604E-05	1.7457E-03	610350.43	4206190.03	7478.66135	0.00047	0.80410	9.57604E-05	5.6325E-04		
610357.43	4206190.03	7810.45215	0.00172	0.80196	9.55055E-05	1.8186E-03	610357.43	4206190.03	7810.45215	0.00049	0.80196	9.55055E-05	5.8374E-04		
610364.43	4206190.03	8165.14411	0.00180	0.79966	9.52316E-05	1.8964E-03	610364.43	4206190.03	8165.14411	0.00051	0.79966	9.52316E-05	6.0564E-04		
610371.43	4206190.03	8544.78274	0.00189	0.79717	9.49351E-05	1.9800E-03	610371.43	4206190.03	8544.78274	0.00053	0.79717	9.49351E-05	6.2907E-04		
610378.43	4206190.03	8951.88331	0.00197	0.79449	9.46159E-05	2.0659E-03	610378.43	4206190.03	8951.88331	0.00056	0.79449	9.46159E-05	6.5420

610315.43	4206197.03	5956.54385	0.00131	0.87304	1.03970E-04	1.4181E-03	610315.43	4206197.03	5956.54385	0.00037	0.87304	1.03970E-04	4.7632E-04	
610322.43	4206197.03	6190.52848	0.00137	0.87146	1.03782E-04	1.46955E-03	610322.43	4206197.03	6190.52848	0.00039	0.87146	1.03782E-04	4.9075E-04	
610329.43	4206197.03	6438.78106	0.00142	0.86978	1.03582E-04	1.52431E-03	610329.43	4206197.03	6438.78106	0.00040	0.86978	1.03582E-04	5.0607E-04	
610336.43	4206197.03	6702.56465	0.00148	0.86798	1.03368E-04	1.58206E-03	610336.43	4206197.03	6702.56465	0.00042	0.86798	1.03368E-04	5.2235E-04	
610343.43	4206197.03	6983.77018	0.00154	0.86619	1.03155E-04	1.64395E-03	610343.43	4206197.03	6983.77018	0.00044	0.86619	1.03155E-04	5.3971E-04	
610350.43	4206197.03	7283.34568	0.00161	0.86424	1.02922E-04	1.70977E-03	610350.43	4206197.03	7283.34568	0.00046	0.86424	1.02922E-04	5.5821E-04	
610357.43	4206197.03	7602.96223	0.00168	0.86212	1.02670E-04	1.78006E-03	610357.43	4206197.03	7602.96223	0.00048	0.86212	1.02670E-04	5.7793E-04	
610364.43	4206197.03	7944.45025	0.00175	0.85983	1.02397E-04	1.85531E-03	610364.43	4206197.03	7944.45025	0.00050	0.85983	1.02397E-04	5.9901E-04	
610371.43	4206197.03	8309.85693	0.00183	0.85735	1.02102E-04	1.93544E-03	610371.43	4206197.03	8309.85693	0.00052	0.85735	1.02102E-04	6.2155E-04	
610378.43	4206197.03	8701.54842	0.00192	0.85467	1.01783E-04	2.02151E-03	610378.43	4206197.03	8701.54842	0.00054	0.85467	1.01783E-04	6.4572E-04	
610385.43	4206197.03	9122.01734	0.00201	0.85178	1.01439E-04	2.11398E-03	610385.43	4206197.03	9122.01734	0.00057	0.85178	1.01439E-04	6.7168E-04	
610392.43	4206197.03	9574.2454	0.00211	0.84867	1.01068E-04	2.2133E-03	610392.43	4206197.03	9574.2454	0.00060	0.84867	1.01068E-04	6.9956E-04	
610399.43	4206197.03	10061.52929	0.00222	0.84534	1.00672E-04	2.32046E-03	610399.43	4206197.03	10061.52929	0.00063	0.84534	1.00672E-04	7.2962E-04	
610406.43	4206197.03	10587.51254	0.00234	0.84176	1.00245E-04	2.43606E-03	610406.43	4206197.03	10587.51254	0.00066	0.84176	1.00245E-04	7.6207E-04	
610413.43	4206197.03	11156.48455	0.00246	0.83794	9.97904E-05	2.56116E-03	610413.43	4206197.03	11156.48455	0.00070	0.83794	9.97904E-05	7.9718E-04	
610420.43	4206197.03	11773.21347	0.00260	0.83385	9.93035E-05	2.69868E-03	610420.43	4206197.03	11773.21347	0.00074	0.83385	9.93035E-05	8.3525E-04	
610427.43	4206197.03	12443.20526	0.00275	0.82949	9.87841E-05	2.84396E-03	610427.43	4206197.03	12443.20526	0.00078	0.82949	9.87841E-05	8.7661E-04	
610434.43	4206197.03	13172.65635	0.00291	0.82483	9.82291E-05	3.00043E-03	610434.43	4206197.03	13172.65635	0.00082	0.82483	9.82291E-05	9.2165E-04	
610441.43	4206197.03	13968.76914	0.00308	0.81986	9.76372E-05	3.17918E-03	610441.43	4206197.03	13968.76914	0.00087	0.81986	9.76372E-05	9.7083E-04	
610448.43	4206197.03	14839.85177	0.00327	0.81455	9.70049E-05	3.37090E-03	610448.43	4206197.03	14839.85177	0.00093	0.81455	9.70049E-05	1.0246E-03	
610455.43	4206197.03	15795.41781	0.00348	0.80889	9.63308E-05	3.58105E-03	610455.43	4206197.03	15795.41781	0.00099	0.80889	9.63308E-05	1.0837E-03	
610462.43	4206197.03	16846.62341	0.00372	0.80284	9.56103E-05	3.81228-03	610462.43	4206197.03	16846.62341	0.00105	0.80284	9.56103E-05	1.1487E-03	
610469.43	4206197.03	18006.33461	0.00397	0.79639	9.48422E-05	4.06736-03	610469.43	4206197.03	18006.33461	0.00113	0.79639	9.48422E-05	1.2204E-03	
610476.43	4206197.03	19288.57357	0.00426	0.78949	9.40205E-05	4.34968-03	610476.43	4206197.03	19288.57357	0.00121	0.78949	9.40205E-05	1.2998E-03	
610483.43	4206197.03	20714.05433	0.00457	0.78212	9.31428E-05	4.6629E-03	610483.43	4206197.03	20714.05433	0.00129	0.78212	9.31428E-05	1.3880E-03	
610497.43	4206197.03	24121.94035	0.00532	0.76603	9.12266E-05	5.41298-03	610497.43	4206197.03	24121.94035	0.00151	0.76603	9.12266E-05	1.5991E-03	
610504.43	4206197.03	26145.74638	0.00577	0.75704	9.01560E-05	5.8583E-03	610504.43	4206197.03	26145.74638	0.00163	0.75704	9.01560E-05	1.7245E-03	
610511.43	4206197.03	28427.05489	0.00627	0.74736	8.90032E-05	6.3604E-03	610511.43	4206197.03	28427.05489	0.00178	0.74736	8.90032E-05	1.8660E-03	
610518.43	4206197.03	31008.94145	0.00684	0.73693	8.77611E-05	6.9288E-03	610518.43	4206197.03	31008.94145	0.00194	0.73693	8.77611E-05	2.0261E-03	
610525.43	4206197.03	33944.11205	0.00749	0.72571	8.64249E-05	7.5750E-03	610525.43	4206197.03	33944.11205	0.00212	0.72571	8.64249E-05	2.2083E-03	
610532.43	4206197.03	37296.24769	0.00823	0.71365	8.49887E-05	8.3131E-03	610532.43	4206197.03	37296.24769	0.00233	0.71365	8.49887E-05	2.4164E-03	
610539.43	4206197.03	41143.52613	0.00908	0.70070	8.34464E-05	9.1603E-03	610539.43	4206197.03	41143.52613	0.00257	0.70070	8.34464E-05	2.6553E-03	
610546.43	4206197.03	45589.67274	0.01006	0.68683	8.17947E-05	1.0140E-02	610546.43	4206197.03	45589.67274	0.00285	0.68683	8.17947E-05	2.9316E-03	
610553.43	4206197.03	50742.529	0.01119	0.67201	8.00297E-05	1.1275E-02	610553.43	4206197.03	50742.529	0.00317	0.67201	8.00297E-05	3.2520E-03	
610560.43	4206197.03	56743.61752	0.01252	0.65619	7.81457E-05	1.2597E-02	610560.43	4206197.03	56743.61752	0.00355	0.65619	7.81457E-05	3.6252E-03	
610567.43	4206197.03	63727.4863	0.01406	0.63934	7.61391E-05	1.4135E-02	610567.43	4206197.03	63727.4863	0.00398	0.63934	7.61391E-05	4.0598E-03	
610574.43	4206197.03	72018.20526	0.01589	0.62145	7.40086E-05	1.5962E-02	610574.43	4206197.03	72018.20526	0.00450	0.62145	7.40086E-05	4.5759E-03	
610581.43	4206197.03	81928.5101	0.01807	0.60251	7.17530E-05	1.8146E-02	610581.43	4206197.03	81928.5101	0.00512	0.60251	7.17530E-05	5.1931E-03	
610588.43	4206197.03	93941.81484	0.02072	0.58253	6.93736E-05	2.0794E-02	610588.43	4206197.03	93941.81484	0.00587	0.58253	6.93736E-05	5.9417E-03	
610595.43	4206197.03	108621.7593	0.02396	0.56157	6.68774E-05	2.4036E-02	610595.43	4206197.03	108621.7593	0.00679	0.56157	6.68774E-05	6.8568E-03	
610602.43	4206197.03	126694.0064	0.02795	0.53969	6.42717E-05	2.8015E-02	610602.43	4206197.03	126694.0064	0.00792	0.53969	6.42717E-05	7.9839E-03	
610609.43	4206197.03	145500.4313	0.03276	0.51700	6.15696E-05	3.2823E-02	610609.43	4206197.03	145500.4313	0.00928	0.51700	6.15696E-05	9.3444E-03	
610616.43	4206197.03	172079.3324	0.03796	0.49363	5.87865E-05	3.8022E-02	610616.43	4206197.03	172079.3324	0.01076	0.49363	5.87865E-05	1.0815E-02	
610770.43	4206197.03	321328.1187	0.07089	0.13818	1.64559E-05	7.0906E-02	610770.43	4206197.03	321328.1187	0.02009	0.13818	1.64559E-05	2.0103E-02	
610777.43	4206197.03	303254.468	0.06690	0.13570	1.58033E-05	6.6918E-02	610777.43	4206197.03	303254.468	0.01896	0.13570	1.58033E-05	1.8972E-02	
610784.43	4206197.03	276763.9325	0.06106	0.12765	1.52019E-05	6.1073E-02	610784.43	4206197.03	276763.9325	0.01730	0.12765	1.52019E-05	1.7316E-02	
610791.43	4206197.03	249237.6105	0.05499	0.12296	1.46433E-05	5.5002E-02	610791.43	4206197.03	249237.6105	0.01558	0.12296	1.46433E-05	1.5595E-02	
610798.43	4206197.03	224743.8017	0.04958	0.11859	1.41229E-05	4.9596E-02	610798.43	4206197.03	224743.8017	0.01405	0.11859	1.41229E-05	1.4063E-02	
610805.43	4206197.03	203698.0898	0.04494	0.11452	1.36382E-05	4.4952E-02	610805.43	4206197.03	203698.0898	0.01273	0.11452	1.36382E-05	1.2747E-02	
610812.43	4206197.03	185624.8966	0.04095	0.11060	1.31833E-05	4.0965E-02	610812.43	4206197.03	185624.8966	0.01160	0.11060	1.31833E-05	1.1617E-02	
610833.43	4206197.03	144401.1915	0.03186	0.10057	1.19769E-05	3.1869E-02	610833.43	4206197.03	144401.1915	0.00903	0.10057	1.19769E-05	9.0385E-03	
610840.43	4206197.03	133769.7927	0.02951	0.09757	1.16196E-05	2.9523E-02	610840.43	4206197.03	133769.7927	0.00836	0.09757	1.16196E-05	8.3736E-03	
610847.43	4206197.03	124268.6976	0.02742	0.09473	1.12814E-05	2.7427E-02	610847.43	4206197.03	124268.6976	0.00777	0.09473	1.12814E-05	7.7793E-03	
610854.43	4206197.03	115722.9818	0.02553	0.09204	1.09611E-05	2.5541E-02	610854.43	4206197.03	115722.9818	0.00723	0.09204	1.09611E-05	7.2448E-03	
610861.43	4206197.03	107994.5237	0.02383	0.08948	1.06562E-05	2.3836E-02	610861.43	4206197.03	107994.5237	0.00675	0.08948	1.06562E-05	6.7614E-03	
610868.43	4206197.03	100972.4109	0.02228	0.08705	1.03668E-05	2.2286E-02	610868.43	4206197.03	100972.4109	0.00631	0.08705	1.03668E-05	6.3222E-03	
610875.43	4206197.03	94566.84587	0.02086	0.08474	1.00917E-05	2.0871E-02	610875.43	4206197.03	94566.84587	0.00591	0.08474	1.00917E-05	5.9215E-03	
610882.43	4206197.03	88702.93513	0.01957	0.08253	9.82851E-06	1.9579E-02	610882.43	4206197.03	88702.93513	0.00554	0.08253	9.82851E-06	5.5547E-03	
610889.43	4206197.03	83318.74766	0.01838	0.08043	9.57842E-06	1.8391E-02	610889.43	4206197.03	83318.74766	0.00521	0.08043	9.57842E-06	5.2178E-03	
610896.43	4206197.03	78362.92349	0.01729	0.07842	9.33905E-06	1.7297E-02	610896.43	4206197.03	78362.92349	0.00490	0.07842	9.33905E-06	4.9078E-03	
610903.43	4206197.03	73789.96759	0.01628	0.07649	9.10920E-06	1.6288E-02	610903.43	4206197.03	73789.96759	0.00461	0.07649	9.10920E-06	4.6127E-03	
610910.43	4206197.03	69562.72434	0.01535	0.07465	8.89008E-06	1.5355E-02	610910.43	4206197.03	69562.72434	0.00435	0.07465	8.89008E-06	4.3573E-03	
610917.43	4206197.03	65647.30195	0.01448	0.07288	8.67928E-06	1.4491E-02	610917.43	4206197.03	65647.30195	0.00410	0.07288	8.67928E-06	4.1128E-03	
610924.43	4206197.03	62014.87489	0.01368	0.07118	8.47683E-06	1.3690E-02	610924.43	4206197.03	62014.87489	0.00388	0.07118	8.47683E-06	3.8850E-03	
610945.43	4206197.03	52576.03397	0.01160	0.06648	7.91711E-06	1.1607E-02	610945.43	4206197.03	52576.03397	0.00329	0.06648	7.91711E-06	3.2945E-03	
610952.43	4206197.03	49848.6082	0.01100	0.06502	7.74324E-06	1.1005E-02	610952.43	4206197.03	49848.6082	0.00312	0.06502	7.74324E-06	3.1238E-03	
610959.43	4206197.03	47302.09284	0.01044	0.06362	7.57651E-06	1.0443E-02	610959.43	4206197.03	47302.09284	0.00296	0.06362	7.57651E-06	2.9644E-03	
610966.43	4206197.03	44922.19629	0.00991	0.06227	7.41574E-06	9.9178E-03	610966.43	4206197.03	44922.19629	0.00281	0.06227	7.41574E-06	2.8155E-03	
610973.43	4206197.03	42695.5353	0.00942	0.06097	7.26092E-06	9.4265E-03	610973.43	4206197.03	42695.5353	0.00267	0.06097	7.26092E-06	2.6762E-03	
610980.43	4206197.03	40610.60982	0.00896	0.05971	7.11087E-06	8.9664E-03	610980.43	4206197.03	40610.60982	0.00254	0.05971	7.11087E-06	2.5457E-03	
610987.43	4206197.03	38656.15707	0.00853	0.05849	6.96358E-06	8.5350E-03	610987.43	4206197.03	38656.15707	0.00242	0.05849	6.96358E-06	2.4234E-03	
610994.43	4206197.03	36822.80944	0.00812	0.05732	6.82625E-06	8.1304E-03	610994.43	4206197.03	36822.80944	0.00230	0.05732	6.82625E-06	2.3086E-03	
611001.43	4206197.03	35101.29391	0.00774	0.05618	6.69048E-06	7.7505E-03	611001.43	4206197.03	35101.29391	0.00219	0.05618	6.69048E-06	2.2008E-03	
611008.43	4206197.03	33483.70105	0.00739	0.05508	6.55948E-06	7.3935E-03	611008.43	4206197.03	33483.70105	0.00209	0.05508	6.55948E-06	2.0996E-03	
611015.43	4206197.03	31962.24201	0.00705	0.05401	6.43206E-06	7.0577E-03	611015.43	4206197.03	31962.24201	0.00200	0.05401	6.43206E-06	2.0044E-03	
611022.43	4206197.03	29181.65066	0.00644	0.05198	6.19038E-06	6.4441E-03	611022.43	4206197.03	29181.65066	0.00182	0.05198	6.19038E-06	1.8303E-03	
611036.43	4206197.03	27910.26144	0.00616	0.05100	6.07360E-06	6.1635E-03	611036.43	4206197.03	27910.26144	0.00174	0.05100	6.07360E-06	1.7507E-03	
611043.43	4206197.03	26711.08764	0.00589	0.05006	5.96165E-06	5.8988E-03	611043.43	4206197.03	26711.08764	0.00167	0.05006	5.96165E-06	1.6757E-03	
611050.43	4206197.03	25578.96165	0.00564	0.04914	5.85209E-06	5.6488E-03	611050.43	4206197.03	25578.96165	0.00160	0.04914	5.85209E-06	1.6048E-03	
611057.43	4206197.03	24509.56329	0.00541	0.04826	5.74729E-06	5.4128E-03	611057.43	4206197.03	24509.56329	0.00153	0.04826	5.74729E-06	1.5378E-03	
611064.43	4206197.03	23498.62357	0.00518	0.04739	5.64368E-06	5.1898E-03	611064.43	4206197.03	23498.62357	0.00147	0.04739	5.64368E-06	1.4745E-03	
611071.43	4206197.03	22542.32084	0.00497	0.04655	5.54364E-06	4.9787E-03	611071.43	4206197.03	22542.32084	0.00141	0.04655	5.54364E-06	1.4147E-03	
610294.43	4206204.03	5207.88062	0.00115	0.94577	1.12632E-04	1.2616E-03	610294.43	4206204.03	5207.88062	0.00033	0.94577	1.12632E-04	4.3818E-04	
610301.43	4206204.03	5398.04456	0.00119	0.94426	1.12452E-04	1.3031E-03	610301.43	4206204.03	5398.04456	0.00034	0.94426	1.12452E-04	4.4988E-04	
610308.43	4206204.03	5598.98959	0.00124	0.94269	1.12265E-04	1.3475E-03	610308.43	4206204.03	5598.98959	0.00035	0.94269	1.12265E-04	4.6226E-04	
610315.43	4206204.03	5812.07348	0.00128	0.94122	1.12090E-04	1.3941E-03	610315.43	4206204.03	5812.07348	0.00036	0.94122	1.12090E-04	4.7540E-04	
610322.43	4206204.03	6037.30883	0.00133	0.93952	1.11888E-04	1.4438E-03	610322.43	4206204.03	6037.30883	0.00038	0.93952	1.11888E-04	4.8928E-04	
610329.43	4206204.03	6276.69372	0.00138	0.93786	1.11690E-04	1.4964E-03	610329.43	4206204.03	6276.69372	0.00039	0.93786	1.11690E-04	5.0405E-04	
610336.43	4206204.03	6530.89872	0.00144	0.93609	1.11479E-04	1.5523E-03	610336.43	4206204.03	6530.89872	0.00041	0.93609	1.11479E-04	5.1978E-04	
610343.43	4206204.03	6801.18628	0.00150	0.93419	1.11253E-04	1.6117E-03	610343.43	4206204.03	6801.18628	0.00043	0.93419	1.11253E-04	5.3640E-04	
610350.43	4206204.03	7089.5965	0.00156	0.93227	1.11024E-04	1.6751E-03	610350.43	4206204.03	7089.5965	0.00044	0.93227	1.11024E-04	5.5420E-04	
610357.43	4206204.03	7397.10671	0.00163	0.93018	1.10775E-04	1.7427E-03	610357.43	4206204.03	7397.10671	0.00046	0.93018	1.10775E-04	5.7317E-04	
610364.43	4206204.03	7725.50055	0.00170	0.92789	1.10503E-04	1.8149E-03	610364.43	4206204.03	7725.50055	0.00048	0.92789	1.10503E-04	5.9343E-04	
610371.43	4206204.03	8076.76972	0.00178	0.92541	1.10207E-04	1.8921E-03	610371.43	4206204.03	8076.76972	0.00050	0.92541	1.10207E-04	6.1509E-04	
610378.43	4206204.03	8453.08531	0.00186	0.92271	1.09886E-04	1.9748E-03	610378.43	4206204.03	8453.08531	0.00053	0.92271	1.09886E-04	6.3829E-04	
610385.43	4206204.03	8856.87198	0.00195	0.91981	1.09540E-04	2.0635E-03	610385.43	4206204.03	8856.87198	0.00055	0.91981	1.09540E-04	6.6319E-04	
610392.43	4206204.03	9291.00725	0.00205	0.91667	1.09166E-04	2.1589E-03	610392.43	4206204.03	9291.00725	0.00058	0.91667	1.09166E-04	6.8995E-04	
610399.43	4206204.03	9758.54548	0.00215	0.91331	1.08766E-04	2.2616E-03	610399.43	4206204.03	9758.54548	0.00061	0.91331	1.08766E-04	7.1877E-04	
610406.43	4206204.03	10263.07716	0.00226	0.90970	1.08336E-04	2.3725E-03	610406.43	4206204.03	10263.07716	0.00064	0.90970	1.08336E-04	7.4988E-04	
610413.43	4206204.03	10808.57442	0.00238	0.90584	1.07877E-04	2.4924E-03	610413.43	4206204.03	10808.57442	0.00068	0.90584	1.07877E-04	7.8352E-04	
610420.43	4206204.03	11399.68209	0.00251	0.90170	1.07384E-04	2.6223E-03	610420.43	4206204.03	11399.68209	0.00071	0.90170	1.07384E-04	8.1998E-04	
610427.43	4206204.03	12041.5724	0.00266	0.89729	1.06858E-04	2.7634E-03	610427.43	4206204.03	12041.5724	0.00075	0.89729	1.06858E-04	8.5958E-04	
610434.43	4206204.03	12740.32717	0.00281	0.89257	1.06296E-04	2.9170E-03	610434.43	4206204.03	12740.32717	0.00080	0.89257	1.06296E-04	9.0270E-04	
610441.43	4206204.03	13502.828	0.00298	0.88753	1.05696E-04	3.0846E-03	610441.43	4206204.03	13502.828	0.00084	0.88753	1.05696E-04	9.4976E-04	
610448.43	4206204.03	14336.99388	0.00316	0.88215	1.05055E-04	3.2688E-03	610448.43	4206204.03	14336.99388	0.00090	0.88215	1.05055E-04	1.0013E-03	
610455.43	4206204.03	15252.02453	0.00336	0.87641	1.04372E-04	3.4692E-03	610455.43	4206204.03	15252.02453	0.00095	0.87641	1.04372E-04	1.0578E-03	
610462.43	4206204.03	16258.70686	0.00359	0.87027	1.03641E-04	3.6905E-03	610462.43	4206204.03	16258.70686	0.00102	0.87027	1.03641E-04	1.1200E-03	
610469.43	4206204.03	17369.54462	0.00383	0.86371	1.02859E-04	3.9348E-03	610469.43	4206204.03	17369.54462	0.00109	0.86371	1.02859E-04	1.1886E-03	
610476.43	4206204.03	18599.03308	0.00410	0.85670	1.02025E-04	4.2052E-03	610476.43	4206204.03	18599.03308	0.00116	0.85670	1.02025E-04	1.2647E-03	
610483.43	4206204.03	19964.45137	0.00440	0.84920	1.01131E-04	4.5058E-03	610483.43	4206204.03	19964.45137	0.00125	0.84920	1.01131E-04	1.3491E-03	
610497.43	4206204.03	23229.47113	0.00512	0.83278	9.91758E-05	5.2239E-03	610497.43	4206204.03	23229.47113	0.00145	0.83278	9.91758E-05	1.5513E-03	
610504.43	4206204.03	25174.12519	0.00555	0.82360	9.80826E-05	5.6518E-03	610504.43	4206204.03	25174.12519	0.00157	0.82360	9.80826E-05	1.6717E-03	
610511.43	4206204.03	27365.29125	0.00604	0.81368	9.69012E-05	6.1341E-03	610511.43	4206204.03	27365.29125	0.00171	0.81368	9.69012E-05	1.8075E-03	
610518.43	4206204.03	29852.57913	0.00659	0.80297	9.56258E-05	6.6851E-03	610518.43	4206204.03	29852.57913	0.00187	0.80297	9.56258E-05	1.9617E-03	
610525.43	4206204.03	32680.12637	0.00721	0.79140	9.42479E-05	7.3038E-03	610525.43	4206204.03	32680.12637	0.00204	0.79140	9.42479E-05	2.1373E-03	
610532.43	4206204.03	35920.52497	0.00792	0.77893	9.27629E-05	8.0178E-03	610532.43	4206204.03	35920.52497	0.00225	0.77893	9.27629E-05	2.3382E-03	
610539.43	4206204.03	39641.7281	0.00875	0.76548	9.11611E-05	8.8367E-03	610539.43	4206204.03	39641.7281	0.00248	0.76548	9.11611E-05	2.5692E-03	
610546.43	4206204.03	43952.09817	0.00970	0.75101	8.94379E-05	9.7959E-03	610546.43	4206204.03	43952.09817	0.00275	0.75101	8.94379E-05	2.8360E-03	
610553.43	4206204.03	48959.63243	0.01080	0.73548	8.75844E-05	1.0889E-02	610553.43	4206204.03	48959.63243	0.00306	0.73548	8.75844E-05	3.1481E-03	
610560.43	4206204.03	54816.03836	0.01209	0.71882	8.56044E-05	1.2179E-02	610560.43	4206204.03	54816.03836	0.00343	0.71882	8.56044E-05	3.5122E-03	
610567.43	4206204.03	61661.45993	0.01360	0.70099	8.34810E-05	1.3687E-02	610567.43	4206204.03	61661.45993	0.00385	0.70099	8.34810E-05	3.9388E-03	
610574.43	4206204.03	69799.53029	0.01540	0.68195	8.12135E-05	1.5480E-02	610574.43	4206204.03	69799.53029	0.00436	0.68195	8.12135E-05	4.4444E-03	
610581.43	4206204.03	79568.72754	0.01755	0.66166	7.87972E-05	1.7633E-02	610581.43	4206204.03	79568.72754	0.00497	0.66166	7.87972E-05	5.0652E-03	
610588.43	4206204.03	91425.09027	0.02017	0.64013	7.62332E-05	2.0246E-02	610588.43	4206204.03	91425.09027	0.00571	0.64013	7.62332E-05	5.7912E-03	
610595.43	4206204.03	105970.008	0.02338	0.61739	7.35250E-05	2.3452E-02	610595.43	4206204.03	105970.008	0.00662	0.61739	7.35250E-05	6.6977E-03	
610602.43	4206204.03	123925.066	0.02734	0.59350	7.06800E-05	2.7420E-02	610602.43	4206204.03	123925.066	0.00775	0.59350	7.06800E-05	7.8178E-03	
610609.43	4206204.03	145651.2645	0.03213	0.56855	6.77087E-05	3.2200E-02	610609.43	4206204.03	145651.2645	0.00910	0.56855	6.77087E-05	9.1724E-03	
610616.43	4206204.03	169168.2591	0.03732	0.54270	6.46302E-05	3.7385E-02	610616.43	4206204.03	169168.2591	0.01057	0.54270	6.46302E-05	1.0639E-02	
610770.43	4206204.03	321246.8539	0.07087	0.14615	1.74050E-05	7.0889E-02	610770.43	4206204.03	321246.8539	0.02008	0.14615	1.74050E-05	2.0099E-02	
610777.43	4206204.03	303247.8208	0.06690	0.14028	1.67060E-05	6.6917E-02	610777.43	4206204.03	303247.8208	0.01896	0.14028	1.67060E-05	1.8973E-02	
610784.43	4206204.03	276885.5369	0.06107	0.13486	1.60605E-05	6.1081E-02	610784.43	4206204.03	276885.5369	0.01730	0.13486	1.60605E-05	1.7319E-02	
610791.43	4206204.03	249441.8331	0.05503	0.12983	1.54615E-05	5.5046E-02	610791.43	4206204.03	249441.8331	0.01559	0.12983	1.54615E-05	1.5608E-02	
610798.43	4206204.03	225161.069	0.04967	0.12516	1.49053E-05	4.9689E-02	610798.43	4206204.03	225161.069	0.01407	0.12516	1.49053E-05	1.4090E-02	
610805.43	4206204.03	204292.5105	0.04507	0.12080	1.43881E-05	4.5084E-02	610805.43	4206204.03	204292.5105	0.01277	0.12080	1.43881E-05	1.2785E-02	
610812.43	4206204.03	186389.7006	0.04112	0.11672	1.39002E-05	4.1134E-02	610812.43	4206204.03	186389.7006	0.01165	0.11672	1.39002E-05	1.1665E-02	
610833.43	4206204.03	145505.4823	0.03210	0.10091	1.26128E-05	3.2113E-02	610833.43	4206204.03	145505.4823	0.00910	0.10091	1.26128E-05	9.1082E-03	
610840.43	4206204.03	134952.9135	0.02977	0.10270	1.22306

610595.43	4206211.03	103108.5114	0.02275	0.68221	8.12445E-05	2.28288E-02	610595.43	4206211.03	103108.5114	0.00645	0.68221	8.12445E-05	6.52668-03
610602.43	4206211.03	120892.5983	0.02667	0.65610	7.81350E-05	2.67491E-02	610602.43	4206211.03	120892.5983	0.00756	0.65610	7.81350E-05	7.63520-03
610609.43	4206211.03	142464.4792	0.03143	0.62865	7.48660E-05	3.15094E-02	610609.43	4206211.03	142464.4792	0.00891	0.62865	7.48660E-05	8.98030-03
610616.43	4206211.03	165903.3886	0.03660	0.59999	7.14529E-05	3.66726E-02	610616.43	4206211.03	165903.3886	0.01037	0.59999	7.14529E-05	1.0442E-02
610770.43	4206211.03	321088.2589	0.07084	0.15501	1.84602E-05	7.08555E-02	610770.43	4206211.03	321088.2589	0.02007	0.15501	1.84602E-05	2.0090E-02
610777.43	4206211.03	330838.5638	0.06685	0.14868	1.77063E-05	6.68725E-02	610777.43	4206211.03	330838.5638	0.01894	0.14868	1.77063E-05	1.8961E-02
610784.43	4206211.03	276656.8368	0.06103	0.14286	1.70132E-05	6.10551E-02	610784.43	4206211.03	276656.8368	0.01729	0.14286	1.70132E-05	1.7311E-02
610791.43	4206211.03	240465.408	0.05504	0.13746	1.63701E-05	5.50532E-02	610791.43	4206211.03	240465.408	0.01559	0.13746	1.63701E-05	1.5611E-02
610798.43	4206211.03	225403.9268	0.04973	0.13244	1.57723E-05	4.9745E-02	610798.43	4206211.03	225403.9268	0.01409	0.13244	1.57723E-05	1.4106E-02
610805.43	4206211.03	204713.8299	0.04516	0.12776	1.52150E-05	4.5178E-02	610805.43	4206211.03	204713.8299	0.01280	0.12776	1.52150E-05	1.2812E-02
610812.43	4206211.03	186977.4461	0.04125	0.12339	1.46945E-05	4.1264E-02	610812.43	4206211.03	186977.4461	0.01169	0.12339	1.46945E-05	1.1703E-02
610833.43	4206211.03	146433.7332	0.03231	0.11179	1.33131E-05	3.2319E-02	610833.43	4206211.03	146433.7332	0.00915	0.11179	1.33131E-05	9.1669E-03
610840.43	4206211.03	135962.1394	0.03000	0.10836	1.29046E-05	3.0008E-02	610840.43	4206211.03	135962.1394	0.00850	0.10836	1.29046E-05	8.5118E-03
610847.43	4206211.03	126594.5237	0.02793	0.10512	1.25188E-05	2.7941E-02	610847.43	4206211.03	126594.5237	0.00791	0.10512	1.25188E-05	7.9260E-03
610854.43	4206211.03	118160.185	0.02607	0.10204	1.21520E-05	2.6080E-02	610854.43	4206211.03	118160.185	0.00739	0.10204	1.21520E-05	7.3984E-03
610861.43	4206211.03	110532.0244	0.02438	0.09912	1.18042E-05	2.4394E-02	610861.43	4206211.03	110532.0244	0.00691	0.09912	1.18042E-05	6.9206E-03
610868.43	4206211.03	103571.5392	0.02285	0.09635	1.14743E-05	2.2861E-02	610868.43	4206211.03	103571.5392	0.00647	0.09635	1.14743E-05	6.4858E-03
610875.43	4206211.03	97219.88142	0.02145	0.09371	1.11599E-05	2.1459E-02	610875.43	4206211.03	97219.88142	0.00608	0.09371	1.11599E-05	6.0884E-03
610882.43	4206211.03	91194.91179	0.02016	0.09119	1.08598E-05	2.0174E-02	610882.43	4206211.03	91194.91179	0.00571	0.09119	1.08598E-05	5.7240E-03
610889.43	4206211.03	86035.48939	0.01898	0.08879	1.05740E-05	1.8991E-02	610889.43	4206211.03	86035.48939	0.00538	0.08879	1.05740E-05	5.3887E-03
610896.43	4206211.03	81090.86375	0.01789	0.08650	1.02983E-05	1.7900E-02	610896.43	4206211.03	81090.86375	0.00507	0.08650	1.02983E-05	5.0793E-03
610903.43	4206211.03	76518.02298	0.01688	0.08430	1.00393E-05	1.6891E-02	610903.43	4206211.03	76518.02298	0.00478	0.08430	1.00393E-05	4.7932E-03
610910.43	4206211.03	72280.24741	0.01595	0.08220	9.78921E-06	1.5956E-02	610910.43	4206211.03	72280.24741	0.00452	0.08220	9.78921E-06	4.5280E-03
610917.43	4206211.03	68345.52349	0.01508	0.08018	9.54805E-06	1.5085E-02	610917.43	4206211.03	68345.52349	0.00427	0.08018	9.54805E-06	4.2818E-03
610924.43	4206211.03	64685.90059	0.01427	0.07825	9.31880E-06	1.4280E-02	610924.43	4206211.03	64685.90059	0.00404	0.07825	9.31880E-06	4.0528E-03
610945.43	4206211.03	55127.88417	0.01216	0.07289	8.68048E-06	1.2171E-02	610945.43	4206211.03	55127.88417	0.00345	0.07289	8.68048E-06	3.4547E-03
610952.43	4206211.03	52351.30586	0.01155	0.07123	8.48279E-06	1.1558E-02	610952.43	4206211.03	52351.30586	0.00327	0.07123	8.48279E-06	3.2810E-03
610959.43	4206211.03	49752.38174	0.01098	0.06964	8.29344E-06	1.0984E-02	610959.43	4206211.03	49752.38174	0.00311	0.06964	8.29344E-06	3.1183E-03
610966.43	4206211.03	47317.36383	0.01044	0.06810	8.11004E-06	1.0447E-02	610966.43	4206211.03	47317.36383	0.00296	0.06810	8.11004E-06	2.9658E-03
610973.43	4206211.03	45033.62362	0.00994	0.06662	7.93378E-06	9.9430E-03	610973.43	4206211.03	45033.62362	0.00282	0.06662	7.93378E-06	2.8230E-03
610980.43	4206211.03	42889.85768	0.00946	0.06519	7.76348E-06	9.4699E-03	610980.43	4206211.03	42889.85768	0.00268	0.06519	7.76348E-06	2.6888E-03
610987.43	4206211.03	40875.88146	0.00902	0.06381	7.59914E-06	9.0254E-03	610987.43	4206211.03	40875.88146	0.00256	0.06381	7.59914E-06	2.5628E-03
610994.43	4206211.03	38982.1713	0.00860	0.06247	7.43956E-06	8.6074E-03	610994.43	4206211.03	38982.1713	0.00244	0.06247	7.43956E-06	2.4442E-03
611001.43	4206211.03	37200.16823	0.00821	0.06118	7.28593E-06	8.2142E-03	611001.43	4206211.03	37200.16823	0.00233	0.06118	7.28593E-06	2.3327E-03
611008.43	4206211.03	35522.03841	0.00784	0.05993	7.13707E-06	7.8438E-03	611008.43	4206211.03	35522.03841	0.00222	0.05993	7.13707E-06	2.2276E-03
611015.43	4206211.03	33940.56242	0.00749	0.05873	6.99416E-06	7.4947E-03	611015.43	4206211.03	33940.56242	0.00212	0.05873	6.99416E-06	2.1286E-03
611029.43	4206211.03	31041.59007	0.00685	0.05642	6.71906E-06	6.8548E-03	611029.43	4206211.03	31041.59007	0.00194	0.05642	6.71906E-06	1.9471E-03
611036.43	4206211.03	29712.31847	0.00655	0.05532	6.58807E-06	6.5615E-03	611036.43	4206211.03	29712.31847	0.00186	0.05532	6.58807E-06	1.8639E-03
611043.43	4206211.03	28456.35333	0.00628	0.05426	6.46183E-06	6.2843E-03	611043.43	4206211.03	28456.35333	0.00178	0.05426	6.46183E-06	1.7853E-03
611050.43	4206211.03	27268.64382	0.00602	0.05323	6.33917E-06	6.0222E-03	611050.43	4206211.03	27268.64382	0.00170	0.05323	6.33917E-06	1.7091E-03
611057.43	4206211.03	26144.8163	0.00577	0.05222	6.21889E-06	5.7741E-03	611057.43	4206211.03	26144.8163	0.00163	0.05222	6.21889E-06	1.6405E-03
611064.43	4206211.03	25080.9488	0.00553	0.05125	6.10137E-06	5.5398E-03	611064.43	4206211.03	25080.9488	0.00157	0.05125	6.10137E-06	1.5735E-03
611071.43	4206211.03	24072.98947	0.00531	0.05031	5.99142E-06	5.3168E-03	611071.43	4206211.03	24072.98947	0.00150	0.05031	5.99142E-06	1.5108E-03
611078.43	4206211.03	23117.57056	0.00510	0.04939	5.88186E-06	5.1059E-03	611078.43	4206211.03	23117.57056	0.00145	0.04939	5.88186E-06	1.4510E-03
611085.43	4206211.03	22211.4339	0.00490	0.04850	5.77587E-06	4.9059E-03	611085.43	4206211.03	22211.4339	0.00139	0.04850	5.77587E-06	1.3942E-03
611092.43	4206211.03	21351.46894	0.00471	0.04763	5.67226E-06	4.7161E-03	611092.43	4206211.03	21351.46894	0.00133	0.04763	5.67226E-06	1.3404E-03
611094.43	4206218.03	4966.90775	0.00110	0.11419	1.32689E-04	1.2281E-03	610294.43	4206218.03	4966.90775	0.00033	0.11419	1.32689E-04	4.4317E-04
610301.43	4206218.03	5143.67425	0.00113	0.11242	1.32478E-04	1.2672E-03	610301.43	4206218.03	5143.67425	0.00032	0.11242	1.32478E-04	4.5401E-04
610308.43	4206218.03	5330.26547	0.00118	0.11059	1.32260E-04	1.3082E-03	610308.43	4206218.03	5330.26547	0.00033	0.11059	1.32260E-04	4.6546E-04
610315.43	4206218.03	5527.46545	0.00122	0.10872	1.32038E-04	1.3516E-03	610315.43	4206218.03	5527.46545	0.00035	0.10872	1.32038E-04	4.7756E-04
610322.43	4206218.03	5736.10873	0.00127	0.10681	1.31810E-04	1.3973E-03	610322.43	4206218.03	5736.10873	0.00036	0.10681	1.31810E-04	4.9038E-04
610329.43	4206218.03	5957.10901	0.00131	0.10494	1.31576E-04	1.4458E-03	610329.43	4206218.03	5957.10901	0.00037	0.10494	1.31576E-04	5.0396E-04
610336.43	4206218.03	6191.45554	0.00137	0.10273	1.31324E-04	1.4972E-03	610336.43	4206218.03	6191.45554	0.00039	0.10273	1.31324E-04	5.1835E-04
610343.43	4206218.03	6441.44933	0.00142	0.10086	1.31102E-04	1.5522E-03	610343.43	4206218.03	6441.44933	0.00040	0.10086	1.31102E-04	5.3376E-04
610350.43	4206218.03	6707.90525	0.00148	0.09898	1.30878E-04	1.6107E-03	610350.43	4206218.03	6707.90525	0.00042	0.09898	1.30878E-04	5.5019E-04
610357.43	4206218.03	6991.69484	0.00154	0.09690	1.30630E-04	1.6731E-03	610357.43	4206218.03	6991.69484	0.00044	0.09690	1.30630E-04	5.6768E-04
610364.43	4206218.03	7294.44039	0.00161	0.09460	1.30356E-04	1.7396E-03	610364.43	4206218.03	7294.44039	0.00046	0.09460	1.30356E-04	5.8633E-04
610371.43	4206218.03	7617.87158	0.00168	0.09207	1.30055E-04	1.8107E-03	610371.43	4206218.03	7617.87158	0.00048	0.09207	1.30055E-04	6.0625E-04
610378.43	4206218.03	7963.9771	0.00176	0.08932	1.29727E-04	1.8867E-03	610378.43	4206218.03	7963.9771	0.00050	0.08932	1.29727E-04	6.2756E-04
610385.43	4206218.03	8334.94163	0.00184	0.08633	1.29371E-04	1.9682E-03	610385.43	4206218.03	8334.94163	0.00052	0.08633	1.29371E-04	6.5098E-04
610392.43	4206218.03	8733.30018	0.00193	0.08311	1.28988E-04	2.0557E-03	610392.43	4206218.03	8733.30018	0.00055	0.08311	1.28988E-04	6.7491E-04
610399.43	4206218.03	9161.86417	0.00202	0.07964	1.28574E-04	2.1498E-03	610399.43	4206218.03	9161.86417	0.00057	0.07964	1.28574E-04	7.0128E-04
610406.43	4206218.03	9623.82867	0.00212	0.07591	1.28130E-04	2.2513E-03	610406.43	4206218.03	9623.82867	0.00060	0.07591	1.28130E-04	7.2972E-04
610413.43	4206218.03	10122.73443	0.00223	0.07192	1.27655E-04	2.3609E-03	610413.43	4206218.03	10122.73443	0.00063	0.07192	1.27655E-04	7.6043E-04
610420.43	4206218.03	10662.86709	0.00235	0.06764	1.27145E-04	2.4795E-03	610420.43	4206218.03	10662.86709	0.00067	0.06764	1.27145E-04	7.9368E-04
610427.43	4206218.03	11248.82157	0.00248	0.06307	1.26601E-04	2.6082E-03	610427.43	4206218.03	11248.82157	0.00070	0.06307	1.26601E-04	8.2977E-04
610434.43	4206218.03	11886.05429	0.00262	0.05819	1.26020E-04	2.7482E-03	610434.43	4206218.03	11886.05429	0.00074	0.05819	1.26020E-04	8.6902E-04
610441.43	4206218.03	12580.81033	0.00278	0.05297	1.25398E-04	2.9090E-03	610441.43	4206218.03	12580.81033	0.00079	0.05297	1.25398E-04	9.1838E-04
610448.43	4206218.03	13340.33629	0.00294	0.04740	1.24735E-04	3.0678E-03	610448.43	4206218.03	13340.33629	0.00083	0.04740	1.24735E-04	9.5864E-04
610455.43	4206218.03	14173.06446	0.00313	0.04145	1.24026E-04	3.2508E-03	610455.43	4206218.03	14173.06446	0.00089	0.04145	1.24026E-04	1.0100E-03
610462.43	4206218.03	15088.73007	0.00333	0.03508	1.23268E-04	3.4520E-03	610462.43	4206218.03	15088.73007	0.00094	0.03508	1.23268E-04	1.0665E-03
610469.43	4206218.03	16098.89236	0.00355	0.02828	1.22458E-04	3.6741E-03	610469.43	4206218.03	16098.89236	0.00101	0.02828	1.22458E-04	1.1288E-03
610476.43	4206218.03	17216.93691	0.00380	0.02100	1.21591E-04	3.9199E-03	610476.43	4206218.03	17216.93691	0.00108	0.02100	1.21591E-04	1.1978E-03
610483.43	4206218.03	18458.93035	0.00407	0.01320	1.20662E-04	4.1930E-03	610483.43	4206218.03	18458.93035	0.00115	0.01320	1.20662E-04	1.2745E-03
610497.43	4206218.03	21428.01389	0.00473	0.09611	1.18627E-04	4.8459E-03	610497.43	4206218.03	21428.01389	0.00134	0.09611	1.18627E-04	1.4581E-03
610504.43	4206218.03	23196.56736	0.00512	0.09852	1.17489E-04	5.2358E-03	610504.43	4206218.03	23196.56736	0.00145	0.09852	1.17489E-04	1.5679E-03
610511.43	4206218.03	25195.90293	0.00556	0.97612	1.16246E-04	5.6748E-03	610511.43	4206218.03	25195.90293	0.00158	0.97612	1.16246E-04	1.6912E-03
610518.43	4206218.03	27466.99436	0.00606	0.96486	1.14905E-04	6.1745E-03	610518.43	4206218.03	27466.99436	0.00172	0.96486	1.14905E-04	1.8319E-03
610525.43	4206218.03	30060.10708	0.00663	0.95264	1.13450E-04	6.7453E-03	610525.43	4206218.03	30060.10708	0.00188	0.95264	1.13450E-04	1.9925E-03
610532.43	4206218.03	33036.92002	0.00729	0.93938	1.11871E-04	7.4003E-03	610532.43	4206218.03	33036.92002	0.00207	0.93938	1.11871E-04	2.1770E-03
610539.43	4206218.03	36474.6801	0.00805	0.92499	1.10157E-04	8.1578E-03	610539.43	4206218.03	36474.6801	0.00228	0.92499	1.10157E-04	2.3981E-03
610546.43	4206218.03	40469.64157	0.00893	0.90937	1.08297E-04	9.0365E-03	610546.43	4206218.03	40469.64157	0.00253	0.90937	1.08297E-04	2.6381E-03
610553.43	4206218.03	45142.84043	0.00996	0.89244	1.06281E-04	1.0065E-02	610553.43	4206218.03	45142.84043	0.00282	0.89244	1.06281E-04	2.9282E-03
610560.43	4206218.03	50640.76111	0.01117	0.87408	1.04094E-04	1.1276E-02	610560.43	4206218.03	50640.76111	0.00317	0.87408	1.04094E-04	3.2697E-03
610567.43	4206218.03	57138.72003	0.01261	0.85424	1.01732E-04	1.2707E-02	610567.43	4206218.03	57138.72003	0.00357	0.85424	1.01732E-04	3.6735E-03
610574.43	4206218.03	64906.40343	0.01432	0.83279	9.91771E-05	1.4418E-02	610574.43	4206218.03	64906.40343	0.00406	0.83279	9.91771E-05	4.1565E-03
610581.43	4206218.03	74309.61661	0.01639	0.80963	9.64189E-05	1.6498E-02	610581.43	4206218.03	74309.61661	0.00465	0.80963	9.64189E-05	4.7415E-03
610588.43	4206218.03	85783.89346	0.01893	0.78473	9.34536E-05	1.9039E-02	610588.43	4206218.03	85783.89346	0.00536	0.78473	9.34536E-05	5.4558E-03
610595.43	4206218.03	99970.95116	0.02205	0.75802	9.02727E-05	2.2145E-02	610595.43	4206218.03	99970.95116	0.00625	0.75802	9.02727E-05	6.3395E-03
610602.43	4206218.03	117572.1561	0.02594	0.72951	8.68774E-05	2.6025E-02	610602.43	4206218.03	117572.1561	0.00735	0.72951	8.68774E-05	7.4363E-03
610609.43	4206218.03	138992.3664	0.03066	0.69927	8.32761E-05	3.0747E-02	610609.43	4206218.03	138992.3664	0.00869	0.69927	8.32761E-05	8.7717E-03
610616.43	4206218.03	162355.0928	0.03582	0.66744	7.94835E-05	3.5897E-02	610616.43	4206218.03	162355.0928	0.01015	0.66744	7.94835E-05	1.0238E-02
610770.43	4206218.03	320721.3346	0.07076	0.16491	1.96392E-05	7.0775E-02	610770.43	4206218.03	320721.3346	0.02005	0.16491	1.96392E-05	2.0068E-02
610777.43	4206218.03	302623.909	0.06676	0.15807	1.88246E-05	6.6782E-02	610777.43	4206218.03	302623.909	0.01892	0.15807	1.88246E-05	1.8936E-02
610784.43	4206218.03	276343.6302	0.06097	0.15178	1.80755E-05	6.0983E-02	610784.43	4206218.03	276343.6302	0.01727	0.15178	1.80755E-05	1.7292E-02
610791.43	4206218.03	249324.2784	0.05500	0.14596	1.73824E-05	5.5022E-02	610791.43	4206218.03	249324.2784	0.01559	0.14596	1.73824E-05	1.5603E-02
610798.43	4206218.03	225481.9675	0.04974	0.14055	1.67381E-05	4.9761E-02	610798.43	4206218.03	225481.9675	0.01409	0.14055	1.67381E-05	1.4112E-02
610805.43	4206218.03	204975.4241	0.04522	0.13550	1.61367E-05	4.5237E-02	610805.43	4206218.03	204975.4241	0.01281	0.13550	1.61367E-05	1.2829E-02
610812.43	4206218.03	187398.5024	0.04134	0.13079	1.55758E-05	4.1358E-02	610812.43	4206218.03	187398.5024	0.01171	0.13079	1.55758E-05	1.1730E-02
610833.43	4206218.03	147196.8746	0.03247	0.11830	1.40884E-05	3.2488E-02	610833.43	4206218.03	147196.8746	0.00920	0.11830	1.40884E-05	9.2154E-03
610840.43	4206218.03	136806.8184	0.03018	0.11461	1.36489E-05	3.0195E-02	610840.43	4206218.03	136806.8184	0.00855	0.11461	1.36489E-05	8.5655E-03
610847.43	4206218.03	127508.4476	0.02813	0.11112	1.32333E-05	2.8143E-02	610847.43	4206218.03	127508.4476	0.00797	0.11112	1.32333E-05	7.9838E-03
610854.43	4206218.03	119133.1382	0.02628	0.10781	1.28391E-05	2.6295E-02	610854.43	4206218.03	119133.1382	0.00745	0.10781	1.28391E-05	7.4599E-03
610861.43	4206218.03	111545.6492	0.02461	0.10467	1.24652E-05	2.4621E-02	610861.43	4206218.03	111545.6492	0.00697	0.10467	1.24652E-05	6.9852E-03
610868.43	4206218.03	104636.9289	0.02308	0.10169	1.21103E-05	2.3096E-02	610868.43	4206218.03	104636.9289	0.00654	0.10169	1.21103E-05	6.5530E-03
610875.43	4206218.03	98319.21725	0.02169	0.09885	1.17721E-05	2.1702E-02	610875.43	4206218.03	98319.21725	0.00615	0.09885	1.17721E-05	6.1577E-03
610882.43	4206218.03	92520.90017	0.02041	0.09614	1.14439E-05	2.0431E-02	610882.43	4206218.03	92520.90017	0.00578	0.09614	1.14439E-05	5.7949E-03
610889.43	4206218.03	87182.32714	0.01923	0.09356	1.11421E-05	1.9245E-02	610889.43	4206218.03	87182.32714	0.00545	0.09356	1.11421E-05	5.4608E-03
610896.43	4206218.03	82252.67749	0.01815	0.09109	1.08479E-05	1.8157E-02	610896.43	4206218.03	82252.67749	0.00514	0.09109	1.08479E-05	5.1525E-03
610903.43	4206218.03	77688.21277	0.01714	0.08873	1.05669E-05	1.7150E-02	610903.43	4206218.03	77688.21277	0.00486	0.08873	1.05669E-05	4.8660E-03
610910.43	4206218.03	73455.86726	0.01621	0.08647	1.02977E-05	1.6216E-02	610910.43	4206218.03	73455.86726	0.00459	0.08647	1.02977E-05	4.6020E-03
610917.43	4206218.03	69520.94664	0.01534	0.08431	1.00405E-05	1.5347E-02	610917.43	4206218.03	69520.94664	0.00435	0.08431	1.00405E-05	4.3558E-03
610924.43	4206218.03	65857.39027	0.01453	0.08223	9.79278E-06	1.4538E-02	610924.43	4206218.03	65857.39027	0.00412	0.08223	9.79278E-06	4.1266E-03
610945.43	4206218.03	56267.89342	0.01241	0.07648	9.10801E-06	1.2423E-02	610945.43	4206218.03	56267.89342	0.00352	0.07648	9.10801E-06	3.5264E-03
610952.43	4206218.03	53475.55938	0.01180	0.07470	8.89603E-06	1.1806E-02	610952.43	4206218.03	53475.55938	0.00334	0.07470	8.89603E-06	3.3513E-03
610959.43	4206218.03	50859.00532	0.01122	0.07299	8.69239E-06	1.1229E-02	610959.43	4206218.03	50859.00532	0.00318	0.07299	8.69239E-06	3.1879E-03
610966.43	4206218.03	48404.51087	0.01068	0.07135	8.49708E-06	1.0687E-02	610966.43	4206218.03	48404.51087	0.00303	0.07135	8.49708E-06	3.0343E-03
610973.43	4206218.03	46100.09295	0.01017	0.06976	8.30773E-06	1.0179E-02	610973.43	4206218.03	46100.09295	0.00288	0.06976	8.30773E-06	2.8900E-03
610980.43	4206218.03	43934.43025	0.00969	0.06823	8.12552E-06	9.7007E-03	610980.43	4206218.03	43934.43025	0.00275	0.06823	8.12552E-06	2.7545E-03
610987.43	4206218.03	41897.493	0.00924	0.06675	7.94927E-06	9.2511E-03	610987.43	4206218.03	41897.493	0.00262	0.06675	7.94927E-06	2.6270E-03
610994.43	4206218.03	39980.3315	0.00882	0.06532	7.77897E-06	8.8280E-03	610994.43	4206218.03	39980.3315	0.00250	0.06532	7.77897E-06	2.5070E-03
611001.43	4206218.03	38174.2113	0.00842	0.06394	7.61462E-06	8.4294E-03	611001.43	4206218.03	38174.2113	0.00239	0.06394	7.61462E-06	2.3939E-03
611008.43	4206218.03	36471.7457	0.00805	0.06261	7.45623E-06	8.0536E-03	611008.43	4206218.03	36471.7457	0.00228	0.06261	7.45623E-06	2.2873E-03
611029.43	4206218.03	31917.40546	0.00704	0.05886	7.00964E-06	7.0484E-03	611029.43	4206218.03	31917.40546	0.00200	0.05886	7.00964E-06	2.0022E-03
611036.43	4206218.03	30563.77865	0.00674	0.05769	6.87031E-06	6.7497E-03	611036.43	4206218.03	30563.77865	0.00191	0.05769	6.87031E-06	1.9174E-03
611043.43	4206218.03	29283.4808	0.00646	0.05655	6.73455E-06	6.4671E-03	611043.43	4206218.03	29283.4808	0.00183	0.05655	6.73455E-06	1.8373E-03
611050.43	4206218.03	28071.7782	0.00619	0.05545	6.60355E-06	6.1996E-03	611050.43	4206218.03	28071.7782	0.00175	0.05545	6.60355E-06	1.7614E-03
611057.43	4206218.03	26924.42404	0.00594	0.05439	6.47731E-06	5.9464E-03	611057.43	4206218.03	26924.42404	0.00168	0.05439	6.47731E-06	1.6895E-03
611064.43	4206218.03	25837.2468	0.00570	0.05335	6.35346E-06	5.7064E-03	611064.43	4206218.03	25837.2468	0.00162	0.05335	6.35346E-06	1.6214E-03
611071.43	4206218.03	24806.61089	0.00547	0.05235	6.23437E-06	5.4789E-03	611071.43	4206218.03	24806.61089	0.00155	0.05235	6.23437E-06	1.5569E-03
611078.43	4206218.03	23828.91511	0.00526	0.05137	6.11766E-06	5.2631E-03	611078.43	4206218.03	23828.91511	0.00149	0.05137	6.11766E-06	1.4957E-03
611085.43	4206218.03	22900.95133	0.00505	0.05042	6.00452E-06	5.0583E-03	611085.43	4206218.03	22900.95133	0.00143	0.05042	6.00452E-06	1.4375E-03
611092.43	4206218.03	22019.78209	0.00486	0.04950	5.89496E-06	4.8638E-03	611092.43	4206218.03	22019.78209	0.00138	0.04950	5.89496E-06	1.3824E-03
610294.43	4206225.03	4847.94682	0.00107	0.12899	1.45170E-04	1.2147E-03	610294.43	4206225.03	4847.94682	0.00030	0.12899	1.45170E-04	4.4822E-04
610301.43	4206225.03	5017.95978	0.00111	0.12688	1.44918E-04	1.2519E-03	610301.43	4206225.03	5017.95978	0.00031	0.12688	1.44918E-04	4.5859E-04
610308.43	4206225.03	5197.75727	0.00115	0.12500	1.44694E-04	1.2914E-03	610308.43	4206225.03	5197.75727	0.00032	0.12500	1.44694E-04	4.6961E-04
610315.43	4206225.03	5387.18428	0.00119	0.12281	1.44434E-04	1.3329E-03	610315.43	4206225.03	5387.18428	0.00034	0.12281	1.44434E-04	4.8119E-04
610322.43	4206225.03	5587.46087	0.00123	0.12061	1.44172E-04	1.3768E-

611036.43	4206225.03	31377.76233	0.00692	0.06020	7.16923E-06	6.92956E-03	611036.43	4206225.03	31377.76233	0.00196	0.06020	7.16923E-06	1.96886E-03
611043.43	4206225.03	30076.0244	0.00664	0.05899	7.02513E-06	6.64220E-03	611043.43	4206225.03	30076.0244	0.00188	0.05899	7.02513E-06	1.88731E-03
611050.43	4206225.03	28843.08511	0.00636	0.05781	6.88460E-06	6.37010E-03	611050.43	4206225.03	28843.08511	0.00180	0.05781	6.88460E-06	1.80939E-03
611057.43	4206225.03	27674.54983	0.00611	0.05668	6.75003E-06	6.11211E-03	611057.43	4206225.03	27674.54983	0.00173	0.05668	6.75003E-06	1.73676E-03
611064.43	4206225.03	26566.63069	0.00586	0.05557	6.61784E-06	5.86766E-03	611064.43	4206225.03	26566.63069	0.00166	0.05557	6.61784E-06	1.66735E-03
611071.43	4206225.03	25515.30549	0.00563	0.05450	6.49045E-06	5.63550E-03	611071.43	4206225.03	25515.30549	0.00159	0.05450	6.49045E-06	1.60150E-03
611078.43	4206225.03	24517.33199	0.00541	0.05346	6.36656E-06	5.41526E-03	611078.43	4206225.03	24517.33199	0.00153	0.05346	6.36656E-06	1.53899E-03
611085.43	4206225.03	23569.55624	0.00520	0.05246	6.24747E-06	5.20926E-03	611085.43	4206225.03	23569.55624	0.00147	0.05246	6.24747E-06	1.47960E-03
611092.43	4206225.03	22668.78425	0.00500	0.05148	6.13076E-06	5.00726E-03	611092.43	4206225.03	22668.78425	0.00142	0.05148	6.13076E-06	1.42326E-03
610294.43	4206232.03	4730.62395	0.00104	1.34265	1.59896E-04	1.20351E-03	610294.43	4206232.03	4730.62395	0.00030	1.34265	1.59896E-04	4.55631E-04
610301.43	4206232.03	4894.02554	0.00108	1.34003	1.59584E-04	1.23391E-03	610301.43	4206232.03	4894.02554	0.00031	1.34003	1.59584E-04	4.65531E-04
610308.43	4206232.03	5066.72692	0.00112	1.33775	1.59313E-04	1.27721E-03	610308.43	4206232.03	5066.72692	0.00032	1.33775	1.59313E-04	4.76036E-04
610315.43	4206232.03	5248.58913	0.00116	1.33516	1.59004E-04	1.31686E-03	610315.43	4206232.03	5248.58913	0.00033	1.33516	1.59004E-04	4.87059E-04
610322.43	4206232.03	5441.17868	0.00120	1.33282	1.58726E-04	1.35911E-03	610322.43	4206232.03	5441.17868	0.00034	1.33282	1.58726E-04	4.98850E-04
610329.43	4206232.03	5644.91606	0.00125	1.33047	1.58466E-04	1.40388E-03	610329.43	4206232.03	5644.91606	0.00035	1.33047	1.58466E-04	5.11131E-04
610336.43	4206232.03	5860.18301	0.00129	1.32799	1.58127E-04	1.45320E-03	610336.43	4206232.03	5860.18301	0.00037	1.32799	1.58127E-04	5.24456E-04
610343.43	4206232.03	6090.57624	0.00134	1.32589	1.57900E-04	1.50166E-03	610343.43	4206232.03	6090.57624	0.00038	1.32589	1.57900E-04	5.38626E-04
610350.43	4206232.03	6335.8605	0.00140	1.32399	1.57674E-04	1.55555E-03	610350.43	4206232.03	6335.8605	0.00040	1.32399	1.57674E-04	5.53735E-04
610357.43	4206232.03	6596.75981	0.00146	1.32183	1.57417E-04	1.61268E-03	610357.43	4206232.03	6596.75981	0.00041	1.32183	1.57417E-04	5.69788E-04
610364.43	4206232.03	6874.71309	0.00152	1.31942	1.57130E-04	1.67388E-03	610364.43	4206232.03	6874.71309	0.00043	1.31942	1.57130E-04	5.86876E-04
610371.43	4206232.03	7171.28449	0.00158	1.31676	1.56813E-04	1.73898E-03	610371.43	4206232.03	7171.28449	0.00045	1.31676	1.56813E-04	6.05059E-04
610378.43	4206232.03	7488.16637	0.00165	1.31384	1.56465E-04	1.80858E-03	610378.43	4206232.03	7488.16637	0.00047	1.31384	1.56465E-04	6.24556E-04
610385.43	4206232.03	7827.36119	0.00173	1.31068	1.56089E-04	1.88209E-03	610385.43	4206232.03	7827.36119	0.00049	1.31068	1.56089E-04	6.45388E-04
610392.43	4206232.03	8191.10341	0.00181	1.30726	1.55682E-04	1.96238E-03	610392.43	4206232.03	8191.10341	0.00051	1.30726	1.55682E-04	6.67771E-04
610399.43	4206232.03	8581.81373	0.00189	1.30357	1.55242E-04	2.04858E-03	610399.43	4206232.03	8581.81373	0.00054	1.30357	1.55242E-04	6.91698E-04
610406.43	4206232.03	9002.37683	0.00199	1.29962	1.54772E-04	2.14088E-03	610406.43	4206232.03	9002.37683	0.00056	1.29962	1.54772E-04	7.17516E-04
610413.43	4206232.03	9455.93221	0.00209	1.29539	1.54268E-04	2.24046E-03	610413.43	4206232.03	9455.93221	0.00059	1.29539	1.54268E-04	7.45360E-04
610420.43	4206232.03	9946.15297	0.00219	1.29086	1.53729E-04	2.34808E-03	610420.43	4206232.03	9946.15297	0.00062	1.29086	1.53729E-04	7.75466E-04
610427.43	4206232.03	10477.22549	0.00231	1.28601	1.53151E-04	2.46648E-03	610427.43	4206232.03	10477.22549	0.00065	1.28601	1.53151E-04	8.08084E-04
610434.43	4206232.03	11053.91165	0.00244	1.28084	1.52535E-04	2.59126E-03	610434.43	4206232.03	11053.91165	0.00069	1.28084	1.52535E-04	8.43526E-04
610441.43	4206232.03	11681.78474	0.00258	1.27531	1.51877E-04	2.72906E-03	610441.43	4206232.03	11681.78474	0.00073	1.27531	1.51877E-04	8.82111E-04
610448.43	4206232.03	12367.16755	0.00273	1.26941	1.51174E-04	2.87935E-03	610448.43	4206232.03	12367.16755	0.00077	1.26941	1.51174E-04	9.24250E-04
610455.43	4206232.03	13117.57102	0.00289	1.26311	1.50424E-04	3.04483E-03	610455.43	4206232.03	13117.57102	0.00082	1.26311	1.50424E-04	9.70401E-04
610462.43	4206232.03	13941.73398	0.00308	1.25639	1.49624E-04	3.23254E-03	610462.43	4206232.03	13941.73398	0.00087	1.25639	1.49624E-04	1.02111E-03
610469.43	4206232.03	14849.84427	0.00328	1.24921	1.48769E-04	3.42488E-03	610469.43	4206232.03	14849.84427	0.00093	1.24921	1.48769E-04	1.07708E-03
610476.43	4206232.03	15853.93971	0.00350	1.24154	1.47855E-04	3.64551E-03	610476.43	4206232.03	15853.93971	0.00099	1.24154	1.47855E-04	1.13895E-03
610483.43	4206232.03	16968.55314	0.00374	1.23333	1.46877E-04	3.89004E-03	610483.43	4206232.03	16968.55314	0.00106	1.23333	1.46877E-04	1.20760E-03
610497.43	4206232.03	19627.41332	0.00433	1.21533	1.44734E-04	4.47488E-03	610497.43	4206232.03	19627.41332	0.00123	1.21533	1.44734E-04	1.37166E-03
610504.43	4206232.03	21208.25551	0.00468	1.20523	1.43531E-04	4.82284E-03	610504.43	4206232.03	21208.25551	0.00133	1.20523	1.43531E-04	1.46591E-03
610511.43	4206232.03	22999.52433	0.00507	1.19431	1.42231E-04	5.21628E-03	610511.43	4206232.03	22999.52433	0.00144	1.19431	1.42231E-04	1.57799E-03
610518.43	4206232.03	25033.12766	0.00552	1.18245	1.40818E-04	5.66351E-03	610518.43	4206232.03	25033.12766	0.00156	1.18245	1.40818E-04	1.70565E-03
610525.43	4206232.03	27363.08024	0.00604	1.16958	1.39285E-04	6.17606E-03	610525.43	4206232.03	27363.08024	0.00171	1.16958	1.39285E-04	1.84988E-03
610532.43	4206232.03	30040.53836	0.00663	1.15556	1.37616E-04	6.76506E-03	610532.43	4206232.03	30040.53836	0.00188	1.15556	1.37616E-04	2.01556E-03
610539.43	4206232.03	33147.59036	0.00731	1.14028	1.35796E-04	7.44866E-03	610539.43	4206232.03	33147.59036	0.00207	1.14028	1.35796E-04	2.20709E-03
610546.43	4206232.03	36774.2275	0.00811	1.12358	1.33807E-04	8.24676E-03	610546.43	4206232.03	36774.2275	0.00230	1.12358	1.33807E-04	2.44850E-03
610553.43	4206232.03	41032.72527	0.00905	1.10535	1.31636E-04	9.18406E-03	610553.43	4206232.03	41032.72527	0.00256	1.10535	1.31636E-04	2.69666E-03
610560.43	4206232.03	46082.17226	0.01017	1.08538	1.29258E-04	1.02968E-02	610560.43	4206232.03	46082.17226	0.00288	1.08538	1.29258E-04	3.00998E-03
610567.43	4206232.03	52112.44554	0.01150	1.06356	1.26659E-04	1.16232E-02	610567.43	4206232.03	52112.44554	0.00326	1.06356	1.26659E-04	3.38420E-03
610574.43	4206232.03	59392.79073	0.01310	1.03966	1.23813E-04	1.32276E-02	610574.43	4206232.03	59392.79073	0.00371	1.03966	1.23813E-04	3.83656E-03
610581.43	4206232.03	68286.70039	0.01506	1.01347	1.20694E-04	1.51386E-02	610581.43	4206232.03	68286.70039	0.00427	1.01347	1.20694E-04	4.38393E-03
610588.43	4206232.03	79239.30101	0.01748	0.98488	1.17289E-04	1.75095E-02	610588.43	4206232.03	79239.30101	0.00495	0.98488	1.17289E-04	5.07066E-03
610595.43	4206232.03	92384.53832	0.02049	0.95369	1.13575E-04	2.06055E-02	610595.43	4206232.03	92384.53832	0.00581	0.95369	1.13575E-04	5.91988E-03
610602.43	4206232.03	109952.654	0.02426	0.91981	1.09540E-04	2.43657E-02	610602.43	4206232.03	109952.654	0.00687	0.91981	1.09540E-04	6.98276E-03
610609.43	4206232.03	130914.5995	0.02888	0.88319	1.05179E-04	2.8987E-02	610609.43	4206232.03	130914.5995	0.00818	0.88319	1.05179E-04	8.28870E-03
610616.43	4206232.03	155974.6054	0.03397	0.84382	1.00491E-04	3.40695E-02	610616.43	4206232.03	155974.6054	0.00962	0.84382	1.00491E-04	9.72550E-03
610770.43	4206232.03	319446.6786	0.07047	0.18860	2.24604E-05	7.04097E-02	610770.43	4206232.03	319446.6786	0.01997	0.18860	2.24604E-05	1.99916E-02
610777.43	4206232.03	301191.3554	0.06645	0.18050	2.14958E-05	6.64686E-02	610777.43	4206232.03	301191.3554	0.01883	0.18050	2.14958E-05	1.88495E-02
610784.43	4206232.03	275218.3587	0.06072	0.17306	2.06097E-05	6.07381E-02	610784.43	4206232.03	275218.3587	0.01720	0.17306	2.06097E-05	1.72255E-02
610791.43	4206232.03	248582.9905	0.05484	0.16618	1.97904E-05	5.48616E-02	610791.43	4206232.03	248582.9905	0.01554	0.16618	1.97904E-05	1.55598E-02
610798.43	4206232.03	225172.2922	0.04968	0.15979	1.90294E-05	4.96091E-02	610798.43	4206232.03	225172.2922	0.01408	0.15979	1.90294E-05	1.40955E-02
610805.43	4206232.03	205040.7333	0.04523	0.15384	1.83208E-05	4.52536E-02	610805.43	4206232.03	205040.7333	0.01282	0.15384	1.83208E-05	1.28355E-02
610812.43	4206232.03	187763.5876	0.04142	0.14828	1.76587E-05	4.14411E-02	610812.43	4206232.03	187763.5876	0.01174	0.14828	1.76587E-05	1.17550E-02
610819.43	4206232.03	148253.9298	0.03271	0.13357	1.59069E-05	3.27235E-02	610819.43	4206232.03	148253.9298	0.00927	0.13357	1.59069E-05	9.28316E-03
610840.43	4206232.03	138026.1578	0.03045	0.12922	1.53888E-05	3.04666E-02	610840.43	4206232.03	138026.1578	0.00863	0.12922	1.53888E-05	8.64346E-03
610847.43	4206232.03	128869.5362	0.02843	0.12511	1.48994E-05	2.84451E-02	610847.43	4206232.03	128869.5362	0.00806	0.12511	1.48994E-05	8.07060E-03
610854.43	4206232.03	120616.373	0.02661	0.12121	1.44349E-05	2.66244E-02	610854.43	4206232.03	120616.373	0.00754	0.12121	1.44349E-05	7.55422E-03
610861.43	4206232.03	113135.2081	0.02496	0.11752	1.39955E-05	2.49731E-02	610861.43	4206232.03	113135.2081	0.00707	0.11752	1.39955E-05	7.08616E-03
610868.43	4206232.03	106318.9118	0.02346	0.11401	1.35775E-05	2.34698E-02	610868.43	4206232.03	106318.9118	0.00665	0.11401	1.35775E-05	6.65961E-03
610875.43	4206232.03	100080.3483	0.02208	0.11068	1.31809E-05	2.2092E-02	610875.43	4206232.03	100080.3483	0.00626	0.11068	1.31809E-05	6.26922E-03
610882.43	4206232.03	94348.24018	0.02081	0.10750	1.28022E-05	2.0827E-02	610882.43	4206232.03	94348.24018	0.00590	0.10750	1.28022E-05	5.91051E-03
610889.43	4206232.03	89063.94551	0.01965	0.10447	1.24413E-05	1.96631E-02	610889.43	4206232.03	89063.94551	0.00557	0.10447	1.24413E-05	5.57588E-03
610896.43	4206232.03	84178.55486	0.01857	0.10158	1.20972E-05	1.85838E-02	610896.43	4206232.03	84178.55486	0.00526	0.10158	1.20972E-05	5.27416E-03
610903.43	4206232.03	79649.2818	0.01757	0.09882	1.17685E-05	1.75833E-02	610903.43	4206232.03	79649.2818	0.00498	0.09882	1.17685E-05	4.99070E-03
610910.43	4206232.03	75440.87333	0.01664	0.09617	1.14529E-05	1.66556E-02	610910.43	4206232.03	75440.87333	0.00472	0.09617	1.14529E-05	4.72726E-03
610917.43	4206232.03	71522.44131	0.01578	0.09364	1.11516E-05	1.57906E-02	610917.43	4206232.03	71522.44131	0.00447	0.09364	1.11516E-05	4.48200E-03
610924.43	4206232.03	67867.69741	0.01497	0.09122	1.08634E-05	1.49835E-02	610924.43	4206232.03	67867.69741	0.00424	0.09122	1.08634E-05	4.25330E-03
610931.43	4206232.03	64453.06011	0.01422	0.08889	1.05859E-05	1.42306E-02	610931.43	4206232.03	64453.06011	0.00403	0.08889	1.05859E-05	4.03966E-03
610952.43	4206232.03	55457.89819	0.01223	0.08246	9.82017E-06	1.22451E-02	610952.43	4206232.03	55457.89819	0.00347	0.08246	9.82017E-06	3.47655E-03
610959.43	4206232.03	52821.64599	0.01165	0.08048	9.58437E-06	1.16636E-02	610959.43	4206232.03	52821.64599	0.00330	0.08048	9.58437E-06	3.31155E-03
610966.43	4206232.03	50343.70865	0.01111	0.07857	9.35691E-06	1.11166E-02	610966.43	4206232.03	50343.70865	0.00315	0.07857	9.35691E-06	3.15645E-03
610973.43	4206232.03	48012.37631	0.01059	0.07673	9.13778E-06	1.06016E-02	610973.43	4206232.03	48012.37631	0.00300	0.07673	9.13778E-06	3.01046E-03
610980.43	4206232.03	45817.09034	0.01011	0.07497	8.92819E-06	1.01176E-02	610980.43	4206232.03	45817.09034	0.00286	0.07497	8.92819E-06	2.87308E-03
610987.43	4206232.03	43748.19805	0.00965	0.07326	8.72454E-06	9.66020E-03	610987.43	4206232.03	43748.19805	0.00273	0.07326	8.72454E-06	2.74344E-03
610994.43	4206232.03	41795.77499	0.00922	0.07161	8.52804E-06	9.22950E-03	610994.43	4206232.03	41795.77499	0.00261	0.07161	8.52804E-06	2.62133E-03
611001.43	4206232.03	39954.97674	0.00881	0.07003	8.33988E-06	8.82306E-03	611001.43	4206232.03	39954.97674	0.00250	0.07003	8.33988E-06	2.50959E-03
611008.43	4206232.03	38215.39855	0.00843	0.06849	8.15648E-06	8.43900E-03	611008.43	4206232.03	38215.39855	0.00239	0.06849	8.15648E-06	2.39708E-03
611029.43	4206232.03	33544.56514	0.00740	0.06420	7.64559E-06	7.40802E-03	611029.43	4206232.03	33544.56514	0.00210	0.06420	7.64559E-06	2.10450E-03
611036.43	4206232.03	32151.21319	0.00709	0.06286	7.48600E-06	7.10055E-03	611036.43	4206232.03	32151.21319	0.00201	0.06286	7.48600E-06	2.01736E-03
611043.43	4206232.03	30831.02863	0.00680	0.06156	7.33119E-06	6.80931E-03	611043.43	4206232.03	30831.02863	0.00193	0.06156	7.33119E-06	1.93466E-03
611050.43	4206232.03	29579.50264	0.00653	0.06031	7.18232E-06	6.53286E-03	611050.43	4206232.03	29579.50264	0.00185	0.06031	7.18232E-06	1.85626E-03
611057.43	4206232.03	28392.5804	0.00626	0.05909	7.03703E-06	6.27086E-03	611057.43	4206232.03	28392.5804	0.00177	0.05909	7.03703E-06	1.78109E-03
611064.43	4206232.03	27265.99555	0.00602	0.05792	6.89770E-06	6.02216E-03	611064.43	4206232.03	27265.99555	0.00170	0.05792	6.89770E-06	1.71138E-03
611071.43	4206232.03	26196.42367	0.00578	0.05678	6.76194E-06	5.78616E-03	611071.43	4206232.03	26196.42367	0.00164	0.05678	6.76194E-06	1.64438E-03
611078.43	4206232.03	25180.34711	0.00556	0.05567	6.62975E-06	5.56188E-03	611078.43	4206232.03	25180.34711	0.00157	0.05567	6.62975E-06	1.58070E-03
611085.43	4206232.03	24214.53531	0.00534	0.05460	6.50232E-06	5.34860E-03	611085.43	4206232.03	24214.53531	0.00151	0.05460	6.50232E-06	1.52020E-03
611092.43	4206232.03	23296.17905	0.00514	0.05356	6.37847E-06	5.14585E-03	611092.43	4206232.03	23296.17905	0.00146	0.05356	6.37847E-06	1.46260E-03
610294.43	4206239.03	4614.31886	0.00102	1.48870	1.77409E-04	1.19545E-03	610294.43	4206239.03	4614.31886	0.00029	1.48870	1.77409E-04	4.65850E-04
610301.43	4206239.03	4771.63643	0.00105	1.48681	1.77064E-04	1.22988E-03	610301.43	4206239.03	4771.63643	0.00030	1.48681	1.77064E-04	4.75344E-04
610308.43	4206239.03	4937.40947	0.00109	1.48393	1.76721E-04	1.26606E-03	610308.43	4206239.03	4937.40947	0.00031	1.48393	1.76721E-04	4.85304E-04
610315.43	4206239.03	5112.23602	0.00113	1.48116	1.76392E-04	1.30425E-03	610315.43	4206239.03	5112.23602	0.00032	1.48116	1.76392E-04	4.95986E-04
610322.43	4206239.03	5296.85444	0.00117	1.47826	1.76046E-04	1.34466E-03	610322.43	4206239.03	5296.85444	0.00033	1.47826	1.76046E-04	5.07715E-04
610329.43	4206239.03	5492.01322	0.00121	1.47545	1.75712E-04	1.38719E-03	610329.43	4206239.03	5492.01322	0.00034	1.47545	1.75712E-04	5.19820E-04
610336.43	4206239.03	5698.07321	0.00126	1.47234	1.75341E-04	1.43245E-03	610336.43	4206239.03	5698.07321	0.00036	1.47234	1.75341E-04	5.31536E-04
610343.43	4206239.03	5918.98453	0.00131	1.47037	1.75107E-04	1.48091E-03	610343.43	4206239.03	5918.98453	0.00037	1.47037	1.75107E-04	5.45108E-04
610350.43	4206239.03	6154.01186	0.00136	1.46840	1.74872E-04	1.53255E-03	610350.43	4206239.03	6154.01186	0.00038	1.46840	1.74872E-04	5.59564E-04
610357.43	4206239.03	6403.87406	0.00141	1.46614	1.74603E-04	1.58784E-03	610357.43	4206239.03	6403.87406	0.00040	1.46614	1.74603E-04	5.74916E-04
610364.43	4206239.03	6669.83583	0.00147	1.46362	1.74303E-04	1.64586E-03	610364.43	4206239.03	6669.83583	0.00042	1.46362	1.74303E-04	5.91244E-04
610371.43	4206239.03	6953.38906	0.00153	1.46082	1.73969E-04	1.71960E-03	610371.43	4206239.03	6953.38906	0.00043	1.46082	1.73969E-04	6.08636E-04
610378.43	4206239.03	7256.17639	0.00160	1.45775	1.73604E-04	1.77441E-03	610378.43	4206239.03	7256.17639	0.00045	1.45775	1.73604E-04	6.27196E-04
610385.43	4206239.03	7579.99188	0.00167	1.45443	1.73208E-04	1.84555E-03	610385.43	4206239.03	7579.99188	0.00047	1.45443	1.73208E-04	6.47035E-04
610392.43	4206239.03	7926.96325	0.00175	1.45084	1.72781E-04	1.92166E-03	610392.43	4206239.03	7926.96325	0.00050	1.45084	1.72781E-04	6.68306E-04
610399.43	4206239.03	8299.36742	0.00183	1.44698	1.72321E-04	2.00316E-03	610399.43	4206239.03	8299.36742	0.00052	1.44698	1.72321E-04	6.91122E-04
610406.43	4206239.03	8699.83861	0.00192	1.44284	1.71828E-04	2.09111E-03	610406.43	4206239.03	8699.83861	0.00054	1.44284	1.71828E-04	7.15664E-04
610413.43	4206239.03	9131.4221	0.00201	1.43840	1.71299E-04	2.18588E-03	610413.43	4206239.03	9131.4221	0.00057	1.43840	1.71299E-04	7.42121E-04
610420.43	4206239.03	9597.39169	0.00212	1.43366	1.70735E-04	2.28816E-03	610420.43	4206239.03	9597.39169	0.00060	1.43366	1.70735E-04	7.70676E-04
610427.43	4206239.03	10101.78474	0.00223	1.42860	1.70132E-04	2.39878E-03	610427.43	4206239.03	10101.78474	0.00063	1.42860	1.70132E-04	8.01606E-04
610434.43	4206239.03	10648.94464	0.00235	1.42319	1.69488E-04	2.51888E-03	610434.43	4206239.03	10648.94464	0.00067	1.42319	1.69488E-04	8.35166E-04
610441.43	4206239.03	11244.09583	0.00248	1.41742	1.68801E-04	2.64946E-03	610441.43	4206239.03	11244.09583	0.00070	1.41742	1.68801E-04	8.71676E-04
610448.43	4206239.03	11893.1704	0.00262	1.41126	1.68067E-04	2.79196E-03	610448.43	4206239.03	11893.1704	0.00074	1.41126	1.68067E-04	9.11516E-04
610455.43	4206239.03	12603.12934	0.00278	1.40470	1.67286E-04	2.94776E-03	610455.43	4206239.03	12603.12934	0.00079	1.40470	1.67286E-04	9.55116E-04
610462.43	4206239.03	13382.06888	0.00295	1.39770	1.66452E-04	3.11876E-03	610462.43	4206239.03	13382.06888	0.00084	1.39770	1.66452E-04	1.00308E-03
610469.43	4206239.03	14239.57987	0.00314	1.39023	1.65563E-04	3.30706E-03	610469.43	4206239.03	14239.57987	0.00089	1.39023	1.65563E-04	1.05570E-03
610476.43	4206239.03	15186.87637	0.00335	1.38227	1.64615E-04	3.51550E-03	610476.43	4206239.03	15186.87637	0.00095	1.38227	1.64615E-04	1.11186E-03
610483.43	4206239.03	16237.49577	0.00358	1.37376	1.63601E-04	3.74588E-03	610483.43	4206239.03	16237.49577	0.00102	1.37376	1.63601E-04	1.17866E-03
610497.43	4206239.03	18739.19125	0.00413	1.35512	1.61381E-04	4.29555E-03	610497.43	4206239.03	18739.19125	0.00117	1.35512	1.61381E-04	1.33285E-03
610504.43	4206239.03	20223.88004	0.00446	1.34468	1.60138E-04	4.62186E-03	610504.43	4206239.03	20223.88004	0.00126	1.34468	1.60138E-04	1.42436E-03
610511.43	4206239.03	21905.74064	0.00483	1.33342	1.58797E-04	4.99156E-03	610511.43	4206239.03	21905.74064	0.00137	1.33342	1.58797E-04	1.5281E-03
610518.43	4206239.03	23818.31206	0.00525	1.32120	1.57342E-04	5.41206E-03	610518.43	4206239.03	23818.31206	0.00149	1.32120	1.57342E-04	1.64626E-03
610525.43	4206239.03	26006.597	0.00574	1.30795	1.55764E-04	5.89312E-03	610525.43	4206239.03	26006.597	0.00163	1.30795	1.55764E-04	1.78140E-03
610532.43	4206239.03	28527.12773	0.00629	1.29353	1.54047E-04	6.44756E-03	610532.43	4206239.03	28527.12773	0.00178	1.29353	1.54047E-04	1.93731E-03
610539.43	4206239.03	31446.10351	0.00694	1.27780	1.52173E-04	7.08969E-03	610539.43	4206239.03	31446.10351	0.00197	1.27780	1.52173E-04	2.11798E-03
610546.43	4206239.03	34863.82095	0.00769	1.26060	1.50125E-04	7.84166E-03	610546.43	4206239.03	34863.82095	0.00218	1.26060	1.50125E-04	2.32950E-03
610553.43	4206239.03	38892.78175	0.00858	1.24174	1.47879E-04	8.72826E-03	610553.43	4206239.03	38892.78175	0.00243	1.24174	1.47879E-04	2.57911E-03
610560.43	4206239.03	43684.78908	0.00964	1.22102	1.45405E-04	9.78258E-03	610560.43	4206239.03	43684.78908	0.00273	1.22102	1.45405E-04	2.87622E-03
610567.43	4206239.03	49439.48274	0.01091	1.19820	1.42694E-04	1.10506E-02	610567.43	4206239.03	49439.48274	0.00309	1.19820	1.42694E-04	3.23322E-03
610574.43	4206239.03	56419.86388	0.01245	1.17308	1.39702E-04	1.25876E-02	610574.43	4206239.03	56419.86388	0.00353	1.17308	1.39702E-04	3.66601E-03
610581.43	4206239.03	64965.67114	0.01433	1.14542	1.36408E-04	1.44868E-02	610581.43	4206239.03	64965.67114	0.00406	1.14542	1.36408E-04	4.19748E-03
610588.43	4206239.03	75575.17264	0.01667	1.11494	1.32778E-04	1.68066E-02

610497.43	4206246.03	17862.70741	0.00394	1.52279	1.81349E-04	4.12216-03	610497.43	4206246.03	17862.70741	0.00112	1.52279	1.81349E-04	1.29808-03		
610504.43	4206246.03	19253.58048	0.00425	1.51192	1.80055E-04	4.4277E-03	610504.43	4206246.03	19253.58048	0.00120	1.51192	1.80055E-04	1.3836E-03		
610511.43	4206246.03	20824.91158	0.00459	1.50021	1.7866E-04	4.7728E-03	610511.43	4206246.03	20824.91158	0.00130	1.50021	1.7866E-04	1.4804E-03		
610518.43	4206246.03	22610.72148	0.00499	1.48757	1.77155E-04	5.1654E-03	610518.43	4206246.03	22610.72148	0.00141	1.48757	1.77155E-04	1.5906E-03		
610525.43	4206246.03	24657.13003	0.00544	1.47385	1.75521E-04	5.6152E-03	610525.43	4206246.03	24657.13003	0.00154	1.47385	1.75521E-04	1.7168E-03		
610532.43	4206246.03	27010.58304	0.00596	1.45896	1.7374BE-04	6.1327E-03	610532.43	4206246.03	27010.58304	0.00169	1.45896	1.7374BE-04	1.8622E-03		
610539.43	4206246.03	29742.33253	0.00656	1.44274	1.7181E-04	6.7334E-03	610539.43	4206246.03	29742.33253	0.00186	1.44274	1.7181E-04	2.0310E-03		
610546.43	4206246.03	32939.52289	0.00727	1.42499	1.69702E-04	7.4366E-03	610546.43	4206246.03	32939.52289	0.00206	1.42499	1.69702E-04	2.2388E-03		
610553.43	4206246.03	36715.42188	0.00810	1.40551	1.67382E-04	8.2676E-03	610553.43	4206246.03	36715.42188	0.00230	1.40551	1.67382E-04	2.4625E-03		
610560.43	4206246.03	41225.42364	0.00909	1.38405	1.6482TE-04	9.2597E-03	610560.43	4206246.03	41225.42364	0.00258	1.38405	1.6482TE-04	2.7418E-03		
610567.43	4206246.03	46661.14339	0.01029	1.36030	1.6199BE-04	1.0456E-02	610567.43	4206246.03	46661.14339	0.00292	1.36030	1.6199BE-04	3.0788E-03		
610574.43	4206246.03	53295.76016	0.01176	1.33398	1.58864E-04	1.1917E-02	610574.43	4206246.03	53295.76016	0.00333	1.33398	1.58864E-04	3.4904E-03		
610581.43	4206246.03	61463.86632	0.01356	1.30483	1.5539DE-04	1.3715E-02	610581.43	4206246.03	61463.86632	0.00384	1.30483	1.5539DE-04	3.9975E-03		
610588.43	4206246.03	71668.73875	0.01581	1.27242	1.51533E-04	1.5963E-02	610588.43	4206246.03	71668.73875	0.00448	1.27242	1.51533E-04	4.6318E-03		
610595.43	4206246.03	84518.21443	0.01865	1.23651	1.4725GE-04	1.8793E-02	610595.43	4206246.03	84518.21443	0.00528	1.23651	1.4725GE-04	5.4305E-03		
610602.43	4206246.03	100815.4089	0.02224	1.19663	1.4250TE-04	2.2384E-02	610602.43	4206246.03	100815.4089	0.00630	1.19663	1.4250TE-04	6.4445E-03		
610609.43	4206246.03	120991.5226	0.02669	1.15259	1.3726ZE-04	2.6830E-02	610609.43	4206246.03	120991.5226	0.00756	1.15259	1.3726ZE-04	7.7005E-03		
610616.43	4206246.03	143525.7458	0.03166	1.10412	1.3149DE-04	3.1795E-02	610616.43	4206246.03	143525.7458	0.00897	1.10412	1.3149DE-04	9.1033E-03		
610770.43	4206246.03	317134.289	0.07001	0.21932	2.6118BE-05	7.0034E-02	610770.43	4206246.03	317134.289	0.01984	0.21932	2.6118BE-05	1.9863E-02		
610777.43	4206246.03	299149.1138	0.06600	0.20946	2.4944E6-05	6.6021E-02	610777.43	4206246.03	299149.1138	0.01870	0.20946	2.4944E6-05	1.8725E-02		
610784.43	4206246.03	274238.9118	0.06032	0.20041	2.3866IE-05	6.0346E-02	610784.43	4206246.03	274238.9118	0.01709	0.20041	2.3866IE-05	1.7116E-02		
610791.43	4206246.03	247272.7242	0.05455	0.19205	2.2871IE-05	5.4575E-02	610791.43	4206246.03	247272.7242	0.01546	0.19205	2.2871IE-05	1.5480E-02		
610798.43	4206246.03	224249.8196	0.04947	0.18429	2.1947IE-05	4.9495E-02	610798.43	4206246.03	224249.8196	0.01402	0.18429	2.1947IE-05	1.4040E-02		
610805.43	4206246.03	204502.8088	0.04512	0.17706	2.1086IE-05	4.5137E-02	610805.43	4206246.03	204502.8088	0.01278	0.17706	2.1086IE-05	1.2805E-02		
610812.43	4206246.03	187527.3386	0.04137	0.17031	2.0282ZE-05	4.1391E-02	610812.43	4206246.03	187527.3386	0.01172	0.17031	2.0282ZE-05	1.1743E-02		
610819.43	4206246.03	172045.5032	0.03780	0.15248	1.8158BE-05	3.7821E-02	610819.43	4206246.03	172045.5032	0.01029	0.15248	1.8158BE-05	9.5128E-03		
610840.43	4206246.03	138625.5541	0.03058	0.14722	1.7532HE-05	3.0600E-02	610840.43	4206246.03	138625.5541	0.00867	0.14722	1.7532HE-05	8.6838E-03		
610847.43	4206246.03	129613.3294	0.02859	0.14226	1.6941BE-05	2.8611E-02	610847.43	4206246.03	129613.3294	0.00810	0.14226	1.6941BE-05	8.1191E-03		
610854.43	4206246.03	121488.3155	0.02680	0.13756	1.6382OE-05	2.6818E-02	610854.43	4206246.03	121488.3155	0.00759	0.13756	1.6382OE-05	7.6106E-03		
610861.43	4206246.03	114120.8753	0.02518	0.13312	1.5853IE-05	2.5192E-02	610861.43	4206246.03	114120.8753	0.00713	0.13312	1.5853IE-05	7.1496E-03		
610868.43	4206246.03	107406.7278	0.02370	0.12890	1.5350TE-05	2.3711E-02	610868.43	4206246.03	107406.7278	0.00671	0.12890	1.5350TE-05	6.7294E-03		
610875.43	4206246.03	101259.5225	0.02234	0.12490	1.4874AE-05	2.2354E-02	610875.43	4206246.03	101259.5225	0.00633	0.12490	1.4874AE-05	6.3446E-03		
610882.43	4206246.03	95608.19353	0.02109	0.12110	1.4421BE-05	2.1107E-02	610882.43	4206246.03	95608.19353	0.00598	0.12110	1.4421BE-05	5.9909E-03		
610889.43	4206246.03	90394.66198	0.01994	0.11747	1.3985IE-05	1.9956E-02	610889.43	4206246.03	90394.66198	0.00565	0.11747	1.3985IE-05	5.6646E-03		
610896.43	4206246.03	85570.43423	0.01888	0.11402	1.3578TE-05	1.8892E-02	610896.43	4206246.03	85570.43423	0.00535	0.11402	1.3578TE-05	5.3626E-03		
610903.43	4206246.03	81094.00708	0.01789	0.11073	1.3186BE-05	1.7904E-02	610903.43	4206246.03	81094.00708	0.00507	0.11073	1.3186BE-05	5.0824E-03		
610910.43	4206246.03	76930.02442	0.01697	0.10759	1.2812PE-05	1.6985E-02	610910.43	4206246.03	76930.02442	0.00481	0.10759	1.2812PE-05	4.8217E-03		
610917.43	4206246.03	73048.45634	0.01612	0.10459	1.2455GE-05	1.612BE-02	610917.43	4206246.03	73048.45634	0.00457	0.10459	1.2455GE-05	4.5787E-03		
610924.43	4206246.03	69423.01452	0.01532	0.10172	1.2113BE-05	1.5328E-02	610924.43	4206246.03	69423.01452	0.00434	0.10172	1.2113BE-05	4.3518E-03		
610931.43	4206246.03	66031.04849	0.01457	0.09898	1.1787SE-05	1.4579E-02	610931.43	4206246.03	66031.04849	0.00413	0.09898	1.1787SE-05	4.1394E-03		
610938.43	4206246.03	62852.62978	0.01387	0.09635	1.1474IE-05	1.3878E-02	610938.43	4206246.03	62852.62978	0.00393	0.09635	1.1474IE-05	3.9404E-03		
610945.43	4206246.03	54432.45059	0.01201	0.08908	1.0608SE-05	1.2019E-02	610945.43	4206246.03	54432.45059	0.00340	0.08908	1.0608SE-05	3.4132E-03		
610966.43	4206246.03	51950.66522	0.01146	0.08685	1.0343OE-05	1.1471E-02	610966.43	4206246.03	51950.66522	0.00325	0.08685	1.0343OE-05	3.2578E-03		
610973.43	4206246.03	49611.62903	0.01095	0.08471	1.0088IE-05	1.0955E-02	610973.43	4206246.03	49611.62903	0.00310	0.08471	1.0088IE-05	3.1113E-03		
610980.43	4206246.03	47404.95223	0.01046	0.08265	9.8428DE-06	1.0468E-02	610980.43	4206246.03	47404.95223	0.00296	0.08265	9.8428DE-06	2.9731E-03		
610987.43	4206246.03	45321.73044	0.01000	0.08066	9.6058IE-06	1.0008E-02	610987.43	4206246.03	45321.73044	0.00283	0.08066	9.6058IE-06	2.8427E-03		
610994.43	4206246.03	43353.2084	0.00956	0.07875	9.3783SE-06	9.5737E-03	610994.43	4206246.03	43353.2084	0.00271	0.07875	9.3783SE-06	2.7194E-03		
611001.43	4206246.03	41491.98959	0.00915	0.07691	9.1592ZE-06	9.1628E-03	611001.43	4206246.03	41491.98959	0.00259	0.07691	9.1592ZE-06	2.6028E-03		
611008.43	4206246.03	39730.76622	0.00877	0.07514	8.9484IE-06	8.7741E-03	611008.43	4206246.03	39730.76622	0.00248	0.07514	8.9484IE-06	2.4925E-03		
611029.43	4206246.03	34985.73633	0.00772	0.07019	8.3589AE-06	7.7267E-03	611029.43	4206246.03	34985.73633	0.00219	0.07019	8.3589AE-06	2.1953E-03		
611036.43	4206246.03	33565.12263	0.00740	0.06865	8.1755AE-06	7.4131E-03	611036.43	4206246.03	33565.12263	0.00210	0.06865	8.1755AE-06	2.1063E-03		
611043.43	4206246.03	32217.02238	0.00711	0.06717	7.9992BE-06	7.1155E-03	611043.43	4206246.03	32217.02238	0.00201	0.06717	7.9992BE-06	2.0219E-03		
611050.43	4206246.03	30936.91267	0.00683	0.06573	7.827796-06	6.8328E-03	611050.43	4206246.03	30936.91267	0.00193	0.06573	7.827796-06	1.9417E-03		
611057.43	4206246.03	29720.77784	0.00656	0.06434	7.6622GE-06	6.5645E-03	611057.43	4206246.03	29720.77784	0.00186	0.06434	7.6622GE-06	1.8655E-03		
611064.43	4206246.03	28564.90845	0.00630	0.06180	7.502688-06	6.3093E-03	611064.43	4206246.03	28564.90845	0.00179	0.06180	7.502688-06	1.7931E-03		
611071.43	4206246.03	27465.66897	0.00606	0.06170	7.3478E6-06	6.0667E-03	611071.43	4206246.03	27465.66897	0.00172	0.06170	7.3478E6-06	1.7242E-03		
611078.43	4206246.03	26419.84964	0.00583	0.06044	7.1978IE-06	5.8358E-03	611078.43	4206246.03	26419.84964	0.00165	0.06044	7.1978IE-06	1.658TE-03		
611085.43	4206246.03	25424.39983	0.00561	0.05922	7.0525JE-06	5.6168E-03	611085.43	4206246.03	25424.39983	0.00159	0.05922	7.0525JE-06	1.5963E-03		
611092.43	4206246.03	24476.44824	0.00540	0.05804	6.9119BE-06	5.4068E-03	611092.43	4206246.03	24476.44824	0.00153	0.05804	6.9119BE-06	1.5369E-03		
610294.43	4206253.03	4386.56189	0.00097	1.88733	2.2472E4-04	1.1925E-03	610294.43	4206253.03	4386.56189	0.00027	1.88733	2.2472E4-04	4.9897E-04		
610301.43	4206253.03	4531.75243	0.00100	1.88284	2.2422BE-04	1.2240E-03	610301.43	4206253.03	4531.75243	0.00028	1.88284	2.2422BE-04	5.0753E-04		
610308.43	4206253.03	4684.14744	0.00103	1.87828	2.2368SE-04	1.2571E-03	610308.43	4206253.03	4684.14744	0.00029	1.87828	2.2368SE-04	5.1649E-04		
610315.43	4206253.03	4844.63177	0.00107	1.87374	2.2314AE-04	1.2598E-03	610315.43	4206253.03	4844.63177	0.00030	1.87374	2.2314AE-04	5.2588E-04		
610322.43	4206253.03	5014.2814	0.00111	1.86979	2.2267AE-04	1.3289E-03	610322.43	4206253.03	5014.2814	0.00031	1.86979	2.2267AE-04	5.3612E-04		
610329.43	4206253.03	5192.9502	0.00115	1.86551	2.2216AE-04	1.3678E-03	610329.43	4206253.03	5192.9502	0.00032	1.86551	2.2216AE-04	5.4678E-04		
610336.43	4206253.03	5382.19264	0.00119	1.86170	2.2171DE-04	1.4091E-03	610336.43	4206253.03	5382.19264	0.00034	1.86170	2.2171DE-04	5.5815E-04		
610343.43	4206253.03	5584.37348	0.00123	1.85901	2.2139DE-04	1.4534E-03	610343.43	4206253.03	5584.37348	0.00035	1.85901	2.2139DE-04	5.7047E-04		
610350.43	4206253.03	5799.72244	0.00128	1.85666	2.2111DE-04	1.5090E-03	610350.43	4206253.03	5799.72244	0.00036	1.85666	2.2111DE-04	5.8365E-04		
610357.43	4206253.03	6028.27067	0.00133	1.85395	2.2078E4-04	1.5507E-03	610357.43	4206253.03	6028.27067	0.00038	1.85395	2.2078E4-04	5.9762E-04		
610364.43	4206253.03	6271.17277	0.00138	1.85092	2.2042GE-04	1.6039E-03	610364.43	4206253.03	6271.17277	0.00039	1.85092	2.2042GE-04	6.1244E-04		
610371.43	4206253.03	6529.75465	0.00144	1.84758	2.2002IE-04	1.6698E-03	610371.43	4206253.03	6529.75465	0.00041	1.84758	2.2002IE-04	6.2820E-04		
610378.43	4206253.03	6805.37352	0.00150	1.84394	2.1959SE-04	1.7210E-03	610378.43	4206253.03	6805.37352	0.00043	1.84394	2.1959SE-04	6.4500E-04		
610385.43	4206253.03	7099.65609	0.00157	1.84002	2.1913BE-04	1.7854E-03	610385.43	4206253.03	7099.65609	0.00044	1.84002	2.1913BE-04	6.6293E-04		
610392.43	4206253.03	7414.43756	0.00164	1.83581	2.1862TE-04	1.8544E-03	610392.43	4206253.03	7414.43756	0.00046	1.83581	2.1862TE-04	6.8210E-04		
610399.43	4206253.03	7751.61726	0.00171	1.83131	2.1809IE-04	1.9282E-03	610399.43	4206253.03	7751.61726	0.00048	1.83131	2.1809IE-04	7.0265E-04		
610406.43	4206253.03	8113.5425	0.00179	1.82650	2.1753BE-04	2.0075E-03	610406.43	4206253.03	8113.5425	0.00051	1.82650	2.1753BE-04	7.2470E-04		
610413.43	4206253.03	8502.7684	0.00188	1.82137	2.1690TE-04	2.0927E-03	610413.43	4206253.03	8502.7684	0.00053	1.82137	2.1690TE-04	7.4842E-04		
610420.43	4206253.03	8922.17967	0.00197	1.81590	2.1625GE-04	2.1846E-03	610420.43	4206253.03	8922.17967	0.00056	1.81590	2.1625GE-04	7.7398E-04		
610427.43	4206253.03	9375.14822	0.00207	1.81007	2.1556IE-04	2.2838E-03	610427.43	4206253.03	9375.14822	0.00059	1.81007	2.1556IE-04	8.0160E-04		
610434.43	4206253.03	9865.41436	0.00218	1.80386	2.1482ZE-04	2.3913E-03	610434.43	4206253.03	9865.41436	0.00062	1.80386	2.1482ZE-04	8.3151E-04		
610441.43	4206253.03	10397.43355	0.00229	1.79725	2.1405DE-04	2.5078E-03	610441.43	4206253.03	10397.43355	0.00065	1.79725	2.1405DE-04	8.6398E-04		
610448.43	4206253.03	10976.28824	0.00242	1.79021	2.1319GE-04	2.634TE-03	610448.43	4206253.03	10976.28824	0.00069	1.79021	2.1319GE-04	8.9933E-04		
610455.43	4206253.03	11607.80307	0.00256	1.78274	2.1230TE-04	2.7731E-03	610455.43	4206253.03	11607.80307	0.00073	1.78274	2.1230TE-04	9.3791E-04		
610462.43	4206253.03	12298.94839	0.00271	1.77481	2.1136DE-04	2.9347E-03	610462.43	4206253.03	12298.94839	0.00077	1.77481	2.1136DE-04	9.8017E-04		
610469.43	4206253.03	13057.89246	0.00288	1.76639	2.1036OE-04	3.0911E-03	610469.43	4206253.03	13057.89246	0.00082	1.76639	2.1036OE-04	1.0266E-03		
610476.43	4206253.03	13894.1277	0.00307	1.75746	2.0929EE-04	3.2745E-03	610476.43	4206253.03	13894.1277	0.00087	1.75746	2.0929EE-04	1.0778E-03		
610483.43	4206253.03	14818.10333	0.00327	1.74797	2.0816EE-04	3.4775E-03	610483.43	4206253.03	14818.10333	0.00093	1.74797	2.0816EE-04	1.1345E-03		
610497.43	4206253.03	17007.2244	0.00375	1.72723	2.0569E6-04	3.9577E-03	610497.43	4206253.03	17007.2244	0.00106	1.72723	2.0569E6-04	1.2688E-03		
610504.43	4206253.03	18302.27326	0.00404	1.71575	2.0432IE-04	4.2421E-03	610504.43	4206253.03	18302.27326	0.00114	1.71575	2.0432IE-04	1.3484E-03		
610511.43	4206253.03	19766.41216	0.00436	1.70344	2.0286IE-04	4.5636E-03	610511.43	4206253.03	19766.41216	0.00124	1.70344	2.0286IE-04	1.4385E-03		
610518.43	4206253.03	21425.23544	0.00473	1.69020	2.0128E6-04	4.9280E-03	610518.43	4206253.03	21425.23544	0.00134	1.69020	2.0128E6-04	1.5406E-03		
610525.43	4206253.03	23121.02638	0.00514	1.67591	1.9958AE-04	5.3445E-03	610525.43	4206253.03	23121.02638	0.00146	1.67591	1.9958AE-04	1.6574E-03		
610532.43	4206253.03	25507.28325	0.00563	1.66042	1.9774OE-04	5.8250E-03	610532.43	4206253.03	25507.28325	0.00159	1.66042	1.9774OE-04	1.7922E-03		
610539.43	4206253.03	28040.36876	0.00619	1.64359	1.9573SE-04	6.3818E-03	610539.43	4206253.03	28040.36876	0.00175	1.64359	1.9573SE-04	1.9485E-03		
610546.43	4206253.03	31011.51072	0.00684	1.62523	1.9354IE-04	7.0351E-03	610546.43	4206253.03	31011.51072	0.00194	1.62523	1.9354IE-04	2.1321E-03		
610553.43	4206253.03	34518.70615	0.00762	1.60512	1.9115AE-04	7.8065E-03	610553.43	4206253.03	34518.70615	0.00216	1.60512	1.9115AE-04	2.3489E-03		
610560.43	4206253.03	38723.51843	0.00854	1.58285	1.8850ZE-04	8.7514E-03	610560.43	4206253.03	38723.51843	0.00242	1.58285	1.8850ZE-04	2.6091E-03		
610567.43	4206253.03	43815.33662	0.00967	1.55817	1.85563E-04	9.8518E-03	610567.43	4206253.03	43815.33662	0.00274	1.55817	1.85563E-04	2.9245E-03		
610574.43	4206253.03	50049.19752	0.01104	1.53068	1.8228BE-04	1.1224E-02	610574.43	4206253.03	50049.19752	0.00313	1.53068	1.8228BE-04	3.3109E-03		
610581.43	4206253.03	57778.82667	0.01275	1.50005	1.7864IE-04	1.2925E-02	610581.43	4206253.03	57778.82667	0.00361	1.50005	1.7864IE-04	3.7904E-03		
610588.43	4206253.03	67502.29511	0.01489	1.46573	1.7455AE-04	1.5066E-02	610588.43	4206253.03	67502.29511	0.00422	1.46573	1.7455AE-04	4.3941E-03		
610595.43	4206253.03	79838.06197	0.01761	1.42741	1.6990DE-04	1.7783E-02	610595.43	4206253.03	79838.06197	0.00499	1.42741	1.6990DE-04	5.1607E-03		
610602.43	4206253.03	95582.75428	0.02109	1.38448	1.6487BE-04	2.1252E-02	610602.43	4206253.03	95582.75428	0.00597	1.38448	1.6487BE-04	6.1398E-03		
610609.43	4206253.03	115254.0988	0.02543	1.33645	1.5915BE-04	2.5586E-02	610609.43	4206253.03	115254.0988	0.00720	1.33645	1.5915BE-04	7.3637E-03		
610616.43	4206253.03	137306.39	0.03029	1.28297	1.5278BE-04	3.0444E-02	610616.43	4206253.03	137306.39	0.00858	1.28297	1.5278BE-04	8.7358E-03		
610770.43	4206253.03	315921.5126	0.06970	0.23821	2.8368SE-05	6.9725E-02	610770.43	4206253.03	315921.5126	0.01975	0.23821	2.8368SE-05	1.9777E-02		
610777.43	4206253.03	297814.4424	0.06570	0.22718	2.7054BE-05	6.5729E-02	610777.43	4206253.03	297814.4424	0.01862	0.22718	2.7054BE-05	1.8643E-02		
610784.43	4206253.03	272262.0991	0.06006	0.21706	2.584975-05	6.0091E-02	610784.43	4206253.03	272262.0991	0.01702	0.21706	2.584975-05	1.7045E-02		
610791.43	4206253.03	246408.72	0.05436	0.20771	2.4736ZE-05	5.4388E-02	610791.43	4206253.03	246408.72	0.01540	0.20771	2.4736ZE-05	1.5428E-02		
610798.43	4206253.03	221538.9356	0.04892	0.19090	2.2370TE-05	4.9338E-02	610798.43	4206253.03	221538.9356	0.01397	0.19090	2.2370TE-05	1.3997E-02		
610805.43	4206253.03	203985.368	0.04500	0.19096	2.2741AE-05	4.5025E-02	610805.43	4206253.03	203985.368	0.01275	0.19096	2.2741AE-05	1.2774E-02		
610812.43	4206253.03	187162.3054	0.04129	0.18343	2.1844TE-05	4.1312E-02	610812.43	4206253.03	187162.3054	0.01170	0.18343	2.1844TE-05	1.1721E-02		
610840.43	4206253.03	138677.9739	0.03059	0.15773	1.8784JE-05	3.0618E-02	610840.43	4206253.03	138677.9739	0.00867	0.15773	1.8784JE-05	8.6878E-03		
610847.43	4206253.03	129739.5735	0.02862	0.15222	1.8129E-05	2.8640E-02	610847.43	4206253.03	129739.5735	0.00811	0.15222	1.8129E-05	8.1282E-03		
610854.43	4206253.03	121682.7162	0.02684	0.14702	1.7508EE-05	2.6862E-02	610854.43	4206253.03	121682.7162	0.00761	0.14702	1.7508EE-05	7.6239E-03		
610861.43	4206253.03	114376.7641	0.02523	0.14210	1.6922TE-05	2.5250E-02	610861.43	4206253.03	114376.7641	0.00715	0.14210	1.6922TE-05	7.1666E-03		
610868.43	4206253.03	107717.9667	0.02376	0.13744	1.6367TE-05	2.3780E-02	610868.43	4206253.03	107717.9667	0.00673	0.13744	1.6367TE-05	6.7498E-03		
610875.43	4206253.03	101621.6516	0.02242	0.13303	1.5842GE-05	2.2435E-02	610875.43	4206253.03	101621.6516	0.00635	0.13303	1.5842GE-05	6.3682E-03		
610882.43	4206253.03	96016.94332	0.02118	0.12884	1.5349EE-05	2.1198E-02	610882.43	4206253.03	96016.94332	0.00600	0.12884	1.5349EE-05	6.0174E-03		
610889.43	4206253.03	90845.6937	0.02004	0.12485	1.4868AE-05	2.0057E-02	610889.43	4206253.03	90845.6937	0.00568	0.12485	1.4868AE-05	5.6938E-03		
610896.43	4206253.03	86059.09413	0.01899	0.12106	1.441705-05	1.9000E-02	610896.43	4206253.03	86059.09413	0.00538	0.12106	1.441705-05	5.3940E-03		
610903.43	4206253.03	81616.20772	0.01801	0.11745	1.3987IE-05	1.8020E-02	610903.43	4206253.03	81616.20772	0.00510	0.11745	1.3987IE-05	5.1158E-03		
610910.43	4206253.03	77482.02351	0.01709	0.11401	1.3577SE-05	1.7107E-02	610910.43	4206253.03	77482.02351	0.00484	0.11401	1.3577SE-05	4.8570E-03		
610917.43	4206253.03	73626.45646	0.01624	0.11073	1.3186BE-05	1.6256E-02	610917.43	4206253.03	73626.45646	0.00460	0.11073	1.3186BE-05	4.6156E-03		
610924.43	4206253.03	70023.47645	0.01545	0.10759	1.2812PE-05	1.5461E-02	610924.43	4206253.03	70023.47645	0.00438	0.10759	1.2812PE-05	4.3900E-03		
610931.43	4206253.03	66650.5976	0.01470	0.10460	1.2456BE-05	1.4716E-02	610931.43	4206253.03	66650.5976	0.00417	0.10460	1.2456BE-05	4.1788E-03		
610938.43	4206253.03	63488.13989	0.01401	0.10173	1.2115DE-05	1.4018E-02	610938.43	4206253.03	63488.13989	0.00397	0.10173	1.2115DE-05	3.9808E-03		
610966.43	4206253.03	52623.51465	0.01161	0.09142	1.0887ZE-05	1.1620E-02	610966.43	4206253.03	52623.51465	0.00329	0.09142	1.0887ZE-05	3.3003E-03		
610973.43	4206253.03	50286.58385	0.01109	0.08910	1.0610IE-05	1.1105E-02	610973.43	4206253.03	50286.58385	0.00314	0.08910	1.0610IE-05	3.1540E-03		
610980.43	4206253.03	48081.26975	0.01061	0.08687	1.0345AE-05	1.0618E-02	610980.43	4206253.03	48081.26975	0.00301	0.08687	1.0345AE-05	3.0159E-03		
610987.43	4206253.03	45997.33768	0.01015	0.08472	1.0089IE-05	1.0158E-02	610987.43	4206253.03	45997.33768	0.00288	0.08472	1.0089IE-05	2.885AE-03		
610994.43	4206253.03	44026.77195	0.00971	0.08266	9.8439BE-06	9.7228E-03	610994.43	4206253.03	44026.77195	0.00275	0.08266	9.8439BE-06	2.7620E-03		
611001.43	4206253.03	42161.77431	0.00930	0.08069	9.6081IE-06	9.3111E-03	611001.43	4206253.03	42161.77431	0.00264	0.08068	9.6081IE-06	2.6451E-03		
611008.43

610980.43	4206260.03	48675.18447	0.01074	0.09134	1.08777E-05	1.07495E-02	610980.43	4206260.03	48675.18447	0.00304	0.09134	1.08777E-05	3.05368E-03
610987.43	4206260.03	46595.21867	0.01028	0.08903	1.06026E-05	1.02900E-02	610987.43	4206260.03	46595.21867	0.00291	0.08903	1.06026E-05	2.92316E-03
610994.43	4206260.03	44626.72167	0.00985	0.08680	1.03370E-05	9.85568E-03	610994.43	4206260.03	44626.72167	0.00279	0.08680	1.03370E-05	2.80003E-03
611001.43	4206260.03	42762.31513	0.00943	0.08466	1.00822E-05	9.44406E-03	611001.43	4206260.03	42762.31513	0.00267	0.08466	1.00822E-05	2.68322E-03
611008.43	4206260.03	40995.18101	0.00904	0.08260	9.83684E-06	9.05395E-03	611008.43	4206260.03	40995.18101	0.00256	0.08260	9.83684E-06	2.57255E-03
611029.43	4206260.03	36218.66481	0.00799	0.07687	9.15446E-06	7.99959E-03	611029.43	4206260.03	36218.66481	0.00226	0.07687	9.15446E-06	2.27232E-03
611036.43	4206260.03	34783.92106	0.00767	0.07510	8.94367E-06	7.68286E-03	611036.43	4206260.03	34783.92106	0.00217	0.07510	8.94367E-06	2.18330E-03
611043.43	4206260.03	33420.0349	0.00737	0.07339	8.74002E-06	7.38137E-03	611043.43	4206260.03	33420.0349	0.00209	0.07339	8.74002E-06	2.09798E-03
611050.43	4206260.03	32122.90588	0.00709	0.07174	8.54352E-06	7.09516E-03	611050.43	4206260.03	32122.90588	0.00201	0.07174	8.54352E-06	2.01666E-03
611057.43	4206260.03	30888.67849	0.00681	0.07015	8.35417E-06	6.82288E-03	611057.43	4206260.03	30888.67849	0.00193	0.07015	8.35417E-06	1.93920E-03
611064.43	4206260.03	29713.65137	0.00656	0.06862	8.17396E-06	6.56364E-03	611064.43	4206260.03	29713.65137	0.00186	0.06862	8.17396E-06	1.86568E-03
611071.43	4206260.03	28594.61328	0.00631	0.06713	7.99452E-06	6.31664E-03	611071.43	4206260.03	28594.61328	0.00179	0.06713	7.99452E-06	1.79541E-03
610294.43	4206267.03	4165.48753	0.00092	0.01859	2.99939E-04	1.21886E-03	610294.43	4206267.03	4165.48753	0.00026	0.51859	2.99939E-04	5.60326E-04
610301.43	4206267.03	4298.75041	0.00095	0.51094	2.99028E-04	1.24743E-03	610301.43	4206267.03	4298.75041	0.00027	2.51094	2.99028E-04	5.67794E-04
610308.43	4206267.03	4438.8152	0.00098	2.50344	2.98135E-04	1.27744E-03	610308.43	4206267.03	4438.8152	0.00028	2.50344	2.98135E-04	5.75615E-04
610315.43	4206267.03	4586.13629	0.00101	2.49643	2.97300E-04	1.30951E-03	610315.43	4206267.03	4586.13629	0.00029	2.49643	2.97300E-04	5.83398E-04
610322.43	4206267.03	4741.23731	0.00105	2.48977	2.96507E-04	1.34255E-03	610322.43	4206267.03	4741.23731	0.00030	2.48977	2.96507E-04	5.92088E-04
610329.43	4206267.03	4904.74046	0.00108	2.48319	2.95723E-04	1.37785E-03	610329.43	4206267.03	4904.74046	0.00031	2.48319	2.95723E-04	6.02326E-04
610336.43	4206267.03	5077.19667	0.00112	2.47707	2.94995E-04	1.41510E-03	610336.43	4206267.03	5077.19667	0.00032	2.47707	2.94995E-04	6.12376E-04
610343.43	4206267.03	5262.17149	0.00116	2.47312	2.94524E-04	1.45546E-03	610343.43	4206267.03	5262.17149	0.00033	2.47312	2.94524E-04	6.23460E-04
610350.43	4206267.03	5458.91653	0.00120	2.46959	2.94104E-04	1.49846E-03	610350.43	4206267.03	5458.91653	0.00034	2.46959	2.94104E-04	6.35334E-04
610357.43	4206267.03	5667.35711	0.00125	2.46562	2.93631E-04	1.54398E-03	610357.43	4206267.03	5667.35711	0.00035	2.46562	2.93631E-04	6.47908E-04
610364.43	4206267.03	5888.5743	0.00130	2.46128	2.93114E-04	1.59221E-03	610364.43	4206267.03	5888.5743	0.00037	2.46128	2.93114E-04	6.61121E-04
610371.43	4206267.03	6123.63885	0.00135	2.45657	2.92553E-04	1.64359E-03	610371.43	4206267.03	6123.63885	0.00038	2.45657	2.92553E-04	6.75346E-04
610378.43	4206267.03	6373.72859	0.00141	2.45154	2.91954E-04	1.69816E-03	610378.43	4206267.03	6373.72859	0.00040	2.45154	2.91954E-04	6.90388E-04
610385.43	4206267.03	6640.25859	0.00146	2.44619	2.91317E-04	1.75622E-03	610385.43	4206267.03	6640.25859	0.00042	2.44619	2.91317E-04	7.06408E-04
610392.43	4206267.03	6924.72066	0.00153	2.44052	2.90642E-04	1.81838E-03	610392.43	4206267.03	6924.72066	0.00043	2.44052	2.90642E-04	7.23531E-04
610399.43	4206267.03	7228.90186	0.00159	2.43453	2.89928E-04	1.8847E-03	610399.43	4206267.03	7228.90186	0.00045	2.43453	2.89928E-04	7.41810E-04
610406.43	4206267.03	7554.62742	0.00167	2.42819	2.89173E-04	1.95588E-03	610406.43	4206267.03	7554.62742	0.00047	2.42819	2.89173E-04	7.61416E-04
610413.43	4206267.03	7904.09094	0.00174	2.42150	2.88377E-04	2.03215E-03	610413.43	4206267.03	7904.09094	0.00049	2.42150	2.88377E-04	7.82466E-04
610420.43	4206267.03	8279.76533	0.00183	2.41441	2.87532E-04	2.11420E-03	610420.43	4206267.03	8279.76533	0.00052	2.41441	2.87532E-04	8.05106E-04
610427.43	4206267.03	8684.46122	0.00192	2.40692	2.86640E-04	2.20245E-03	610427.43	4206267.03	8684.46122	0.00054	2.40692	2.86640E-04	8.29531E-04
610434.43	4206267.03	9121.36564	0.00201	2.39897	2.85694E-04	2.29880E-03	610434.43	4206267.03	9121.36564	0.00057	2.39897	2.85694E-04	8.55870E-04
610441.43	4206267.03	9594.1075	0.00212	2.39055	2.84691E-04	2.40138E-03	610441.43	4206267.03	9594.1075	0.00060	2.39055	2.84691E-04	8.84421E-04
610448.43	4206267.03	10106.91271	0.00223	2.38164	2.83630E-04	2.51346E-03	610448.43	4206267.03	10106.91271	0.00063	2.38164	2.83630E-04	9.15451E-04
610455.43	4206267.03	10664.69675	0.00235	2.37223	2.82509E-04	2.63536E-03	610455.43	4206267.03	10664.69675	0.00067	2.37223	2.82509E-04	9.49160E-04
610462.43	4206267.03	11273.11943	0.00249	2.36232	2.81329E-04	2.76838E-03	610462.43	4206267.03	11273.11943	0.00070	2.36232	2.81329E-04	9.86026E-04
610469.43	4206267.03	11938.90622	0.00263	2.35189	2.80087E-04	2.9140E-03	610469.43	4206267.03	11938.90622	0.00075	2.35189	2.80087E-04	1.02640E-03
610476.43	4206267.03	12669.83702	0.00280	2.34095	2.78784E-04	3.07398E-03	610476.43	4206267.03	12669.83702	0.00079	2.34095	2.78784E-04	1.07088E-03
610483.43	4206267.03	13475.4126	0.00297	2.32943	2.77412E-04	3.2598E-03	610483.43	4206267.03	13475.4126	0.00084	2.32943	2.77412E-04	1.1198E-03
610497.43	4206267.03	15363.90965	0.00339	2.30444	2.74436E-04	3.66395E-03	610497.43	4206267.03	15363.90965	0.00096	2.30444	2.74436E-04	1.23488E-03
610504.43	4206267.03	16475.7961	0.00363	2.29086	2.72818E-04	3.90765E-03	610504.43	4206267.03	16475.7961	0.00103	2.29086	2.72818E-04	1.30276E-03
610511.43	4206267.03	17725.09183	0.00391	2.27646	2.71104E-04	4.18155E-03	610511.43	4206267.03	17725.09183	0.00111	2.27646	2.71104E-04	1.37916E-03
610518.43	4206267.03	19137.37121	0.00422	2.26116	2.69282E-04	4.49121E-03	610518.43	4206267.03	19137.37121	0.00120	2.26116	2.69282E-04	1.46560E-03
610525.43	4206267.03	20744.75846	0.00458	2.24485	2.67339E-04	4.84389E-03	610525.43	4206267.03	20744.75846	0.00130	2.24485	2.67339E-04	1.56412E-03
610532.43	4206267.03	22588.56554	0.00498	2.22741	2.65263E-04	5.24866E-03	610532.43	4206267.03	22588.56554	0.00141	2.22741	2.65263E-04	1.6773E-03
610539.43	4206267.03	24721.67209	0.00545	2.20868	2.63032E-04	5.71706E-03	610539.43	4206267.03	24721.67209	0.00155	2.20868	2.63032E-04	1.80804E-03
610546.43	4206267.03	27213.72038	0.00600	2.18848	2.60626E-04	6.26463E-03	610546.43	4206267.03	27213.72038	0.00170	2.18848	2.60626E-04	1.96188E-03
610553.43	4206267.03	30157.09715	0.00665	2.16656	2.58016E-04	6.91111E-03	610553.43	4206267.03	30157.09715	0.00189	2.16656	2.58016E-04	2.14310E-03
610560.43	4206267.03	33688.93251	0.00743	2.14241	2.55140E-04	7.68746E-03	610560.43	4206267.03	33688.93251	0.00211	2.14241	2.55140E-04	2.3610E-03
610567.43	4206267.03	38001.76825	0.00838	2.11537	2.51920E-04	8.63566E-03	610567.43	4206267.03	38001.76825	0.00238	2.11537	2.51920E-04	2.62746E-03
610574.43	4206267.03	43315.9149	0.00956	2.08518	2.48324E-04	9.80445E-03	610574.43	4206267.03	43315.9149	0.00271	2.08518	2.48324E-04	2.99560E-03
610581.43	4206267.03	49959.75112	0.01102	2.05157	2.44322E-04	1.12686E-02	610581.43	4206267.03	49959.75112	0.00312	2.05157	2.44322E-04	3.46378E-03
610588.43	4206267.03	58431.03026	0.01289	2.01341	2.39777E-04	1.31308E-02	610588.43	4206267.03	58431.03026	0.00365	2.01341	2.39777E-04	4.05235E-03
610595.43	4206267.03	69379.1059	0.01531	1.96758	2.34630E-04	1.55431E-02	610595.43	4206267.03	69379.1059	0.00433	1.97019	2.34630E-04	4.57153E-03
610602.43	4206267.03	83604.05793	0.01844	1.92119	2.28795E-04	1.86716E-02	610602.43	4206267.03	83604.05793	0.00523	1.92119	2.28795E-04	5.45498E-03
610609.43	4206267.03	101784.3825	0.02246	1.86513	2.22119E-04	2.26776E-02	610609.43	4206267.03	101784.3825	0.00636	1.86513	2.22119E-04	6.58470E-03
610616.43	4206267.03	123391.3188	0.02700	1.80111	2.14494E-04	2.72168E-02	610616.43	4206267.03	123391.3188	0.00765	1.80111	2.14494E-04	7.86525E-03
610770.43	4206267.03	312102.0293	0.06885	0.28541	1.39895E-05	6.88888E-02	610770.43	4206267.03	312102.0293	0.01951	0.28541	1.39895E-05	1.95464E-02
610777.43	4206267.03	294392.7837	0.06495	0.27107	1.32838E-05	6.49796E-02	610777.43	4206267.03	294392.7837	0.01840	0.27107	1.32838E-05	1.84350E-02
610784.43	4206267.03	269256.8855	0.05940	0.25796	1.07205E-05	5.94326E-02	610784.43	4206267.03	269256.8855	0.01683	0.25796	1.07205E-05	1.68622E-02
610791.43	4206267.03	243951.5453	0.05382	0.24587	2.92807E-05	5.38488E-02	610791.43	4206267.03	243951.5453	0.01525	0.24587	2.92807E-05	1.52790E-02
610798.43	4206267.03	221483.2143	0.04886	0.23469	2.79493E-05	4.88908E-02	610798.43	4206267.03	221483.2143	0.01384	0.23469	2.79493E-05	1.38781E-02
610805.43	4206267.03	202323.5717	0.04464	0.22433	2.67155E-05	4.46626E-02	610805.43	4206267.03	202323.5717	0.01265	0.22433	2.67155E-05	1.26674E-02
610812.43	4206267.03	185812.7231	0.04099	0.21470	2.55686E-05	4.10188E-02	610812.43	4206267.03	185812.7231	0.01162	0.21470	2.55686E-05	1.16431E-02
610840.43	4206267.03	138200.0885	0.03049	0.18218	2.16958E-05	3.05116E-02	610840.43	4206267.03	138200.0885	0.00864	0.18218	2.16958E-05	8.66060E-03
610847.43	4206267.03	129425.3888	0.02855	0.17529	2.08753E-05	2.85744E-02	610847.43	4206267.03	129425.3888	0.00809	0.17529	2.08753E-05	8.11138E-03
610854.43	4206267.03	121519.2757	0.02681	0.16881	2.01008E-05	2.68286E-02	610854.43	4206267.03	121519.2757	0.00760	0.16881	2.01008E-05	7.61616E-03
610861.43	4206267.03	114352.9603	0.02523	0.16270	1.93760E-05	2.52476E-02	610861.43	4206267.03	114352.9603	0.00715	0.16270	1.93760E-05	7.16766E-03
610868.43	4206267.03	107823.3076	0.02379	0.15695	1.86912E-05	2.38066E-02	610868.43	4206267.03	107823.3076	0.00674	0.15695	1.86912E-05	6.75870E-03
610875.43	4206267.03	101846.2007	0.02247	0.15151	1.80433E-05	2.24876E-02	610875.43	4206267.03	101846.2007	0.00637	0.15151	1.80433E-05	6.38455E-03
610882.43	4206267.03	96352.20305	0.02126	0.14637	1.74312E-05	2.12746E-02	610882.43	4206267.03	96352.20305	0.00602	0.14637	1.74312E-05	6.04040E-03
610889.43	4206267.03	91282.74084	0.02014	0.14151	1.68524E-05	2.01551E-02	610889.43	4206267.03	91282.74084	0.00571	0.14151	1.68524E-05	5.72308E-03
610896.43	4206267.03	86589.75882	0.01910	0.13690	1.63034E-05	1.91198E-02	610896.43	4206267.03	86589.75882	0.00541	0.13690	1.63034E-05	5.42908E-03
610903.43	4206267.03	82232.17818	0.01814	0.13252	1.57818E-05	1.81570E-02	610903.43	4206267.03	82232.17818	0.00514	0.13252	1.57818E-05	5.15610E-03
610910.43	4206267.03	78175.40032	0.01725	0.12836	1.52864E-05	1.72620E-02	610910.43	4206267.03	78175.40032	0.00489	0.12836	1.52864E-05	4.90205E-03
610917.43	4206267.03	74389.58053	0.01641	0.12441	1.48160E-05	1.64266E-02	610917.43	4206267.03	74389.58053	0.00465	0.12441	1.48160E-05	4.66409E-03
610952.43	4206267.03	58735.5852	0.01296	0.10726	1.27736E-05	1.29716E-02	610952.43	4206267.03	58735.5852	0.00367	0.10726	1.27736E-05	3.68431E-03
610959.43	4206267.03	45150.47754	0.00996	0.09117	1.08574E-05	9.97176E-03	610959.43	4206267.03	45150.47754	0.00282	0.09117	1.08574E-05	2.83322E-03
611001.43	4206267.03	43290.80306	0.00955	0.08886	1.05823E-05	9.56116E-03	611001.43	4206267.03	43290.80306	0.00271	0.08886	1.05823E-05	2.7167E-03
611008.43	4206267.03	41526.73181	0.00916	0.08664	1.03180E-05	9.17175E-03	611008.43	4206267.03	41526.73181	0.00260	0.08664	1.03180E-05	2.60620E-03
611029.43	4206267.03	36750.85777	0.00811	0.08048	9.58437E-06	8.11738E-03	611029.43	4206267.03	36750.85777	0.00230	0.08048	9.58437E-06	2.30698E-03
611036.43	4206267.03	35313.97336	0.00779	0.07858	9.35810E-06	7.80016E-03	611036.43	4206267.03	35313.97336	0.00221	0.07858	9.35810E-06	2.21680E-03
611043.43	4206267.03	33946.88791	0.00749	0.07675	9.14017E-06	7.49381E-03	611043.43	4206267.03	33946.88791	0.00212	0.07675	9.14017E-06	2.13122E-03
611050.43	4206267.03	32645.77743	0.00720	0.07498	8.92938E-06	7.21108E-03	611050.43	4206267.03	32645.77743	0.00204	0.07498	8.92938E-06	2.04966E-03
611057.43	4206267.03	31406.70517	0.00693	0.07328	8.72692E-06	6.93755E-03	611057.43	4206267.03	31406.70517	0.00196	0.07328	8.72692E-06	1.97200E-03
611064.43	4206267.03	30226.23701	0.00667	0.07163	8.53043E-06	6.67698E-03	611064.43	4206267.03	30226.23701	0.00189	0.07163	8.53043E-06	1.89980E-03
611071.43	4206267.03	29101.07759	0.00642	0.07005	8.34226E-06	6.42845E-03	611071.43	4206267.03	29101.07759	0.00182	0.07005	8.34226E-06	1.82755E-03
610294.43	4206274.03	4057.44392	0.00090	0.99081	3.56176E-04	1.25135E-03	610294.43	4206274.03	4057.44392	0.00025	0.99081	3.56176E-04	6.07851E-04
610301.43	4206274.03	4185.33834	0.00092	2.98099	3.55006E-04	1.27831E-03	610301.43	4206274.03	4185.33834	0.00026	2.98099	3.55006E-04	6.16635E-04
610308.43	4206274.03	4319.29417	0.00095	2.97116	3.53836E-04	1.3067E-03	610308.43	4206274.03	4319.29417	0.00027	2.97116	3.53836E-04	6.23845E-04
610315.43	4206274.03	4460.10294	0.00098	2.96193	3.52737E-04	1.33676E-03	610315.43	4206274.03	4460.10294	0.00028	2.96193	3.52737E-04	6.31545E-04
610322.43	4206274.03	4608.25372	0.00102	2.95304	3.51678E-04	1.36838E-03	610322.43	4206274.03	4608.25372	0.00029	2.95304	3.51678E-04	6.3974E-04
610329.43	4206274.03	4764.68675	0.00105	2.94480	3.50707E-04	1.40106E-03	610329.43	4206274.03	4764.68675	0.00030	2.94480	3.50707E-04	6.48556E-04
610336.43	4206274.03	4929.17252	0.00109	2.93696	3.49783E-04	1.43725E-03	610336.43	4206274.03	4929.17252	0.00031	2.93696	3.49783E-04	6.57789E-04
610343.43	4206274.03	5105.93763	0.00113	2.93168	3.49134E-04	1.4756E-03	610343.43	4206274.03	5105.93763	0.00032	2.93168	3.49134E-04	6.68316E-04
610350.43	4206274.03	5293.80629	0.00117	2.92680	3.48553E-04	1.51644E-03	610350.43	4206274.03	5293.80629	0.00033	2.92680	3.48553E-04	6.7947E-04
610357.43	4206274.03	5492.74835	0.00121	2.92146	3.47917E-04	1.5597E-03	610357.43	4206274.03	5492.74835	0.00034	2.92146	3.47917E-04	6.9127E-04
610364.43	4206274.03	5703.59456	0.00126	2.91571	3.47232E-04	1.60558E-03	610364.43	4206274.03	5703.59456	0.00036	2.91571	3.47232E-04	7.0377E-04
610371.43	4206274.03	5927.45709	0.00131	2.90959	3.46503E-04	1.65425E-03	610371.43	4206274.03	5927.45709	0.00037	2.90959	3.46503E-04	7.1703E-04
610378.43	4206274.03	6165.44921	0.00136	2.90314	3.45735E-04	1.7059E-03	610378.43	4206274.03	6165.44921	0.00039	2.90314	3.45735E-04	7.3114E-04
610385.43	4206274.03	6418.8167	0.00142	2.89635	3.44927E-04	1.76158E-03	610385.43	4206274.03	6418.8167	0.00040	2.89635	3.44927E-04	7.4617E-04
610392.43	4206274.03	6688.94106	0.00148	2.88922	3.44078E-04	1.8197E-03	610392.43	4206274.03	6688.94106	0.00042	2.88922	3.44078E-04	7.6220E-04
610399.43	4206274.03	6977.42176	0.00154	2.88175	3.43188E-04	1.88255E-03	610399.43	4206274.03	6977.42176	0.00044	2.88175	3.43188E-04	7.7935E-04
610406.43	4206274.03	7286.00112	0.00161	2.87393	3.42257E-04	1.94968E-03	610406.43	4206274.03	7286.00112	0.00046	2.87393	3.42257E-04	7.9771E-04
610413.43	4206274.03	7616.67487	0.00168	2.86574	3.41281E-04	2.02168E-03	610413.43	4206274.03	7616.67487	0.00048	2.86574	3.41281E-04	8.1740E-04
610420.43	4206274.03	7971.68052	0.00176	2.85734	3.40257E-04	2.09886E-03	610420.43	4206274.03	7971.68052	0.00050	2.85734	3.40257E-04	8.3857E-04
610427.43	4206274.03	8353.55331	0.00184	2.84808	3.39178E-04	2.18216E-03	610427.43	4206274.03	8353.55331	0.00052	2.84808	3.39178E-04	8.6136E-04
610434.43	4206274.03	8765.27251	0.00193	2.83853	3.38041E-04	2.27188E-03	610434.43	4206274.03	8765.27251	0.00055	2.83853	3.38041E-04	8.8596E-04
610441.43	4206274.03	9209.95987	0.00203	2.82844	3.36839E-04	2.3687E-03	610441.43	4206274.03	9209.95987	0.00058	2.82844	3.36839E-04	9.1258E-04
610448.43	4206274.03	9691.65456	0.00214	2.81779	3.35571E-04	2.47376E-03	610448.43	4206274.03	9691.65456	0.00061	2.81779	3.35571E-04	9.4140E-04
610455.43	4206274.03	10214.54499	0.00225	2.80658	3.34236E-04	2.58776E-03	610455.43	4206274.03	10214.54499	0.00064	2.80658	3.34236E-04	9.7275E-04
610462.43	4206274.03	10783.95593	0.00238	2.79484	3.32838E-04	2.71358E-03	610462.43	4206274.03	10783.95593	0.00067	2.79484	3.32838E-04	1.0093E-03
610469.43	4206274.03	11405.78832	0.00252	2.78258	3.31378E-04	2.8477E-03	610469.43	4206274.03	11405.78832	0.00071	2.78258	3.31378E-04	1.0444E-03
610476.43	4206274.03	12087.07721	0.00267	2.76978	3.29853E-04	2.99464E-03	610476.43	4206274.03	12087.07721	0.00076	2.76978	3.29853E-04	1.0854E-03
610483.43	4206274.03	12836.18235	0.00283	2.75642	3.28262E-04	3.16016E-03	610483.43	4206274.03	12836.18235	0.00080	2.75642	3.28262E-04	1.1307E-03
610497.43	4206274.03	14584.0625	0.00322	2.72765	3.24836E-04	3.54216E-03	610497.43	4206274.03	14584.0625	0.00091	2.72765	3.24836E-04	1.2365E-03
610504.43	4206274.03	15608.10269	0.00344	2.71221	3.22997E-04	3.76564E-03	610504.43	4206274.03	15608.10269	0.00098	2.71221	3.22997E-04	1.2987E-03
610511.43	4206274.03	16755.30244	0.00370	2.69597	3.21063E-04	4.0175E-03	610511.43	4206274.03	16755.30244	0.00105	2.69597	3.21063E-04	1.3684E-03
610518.43	4206274.03	18050.8803	0.00398	2.67873	3.19010E-04	4.3011E-03	610518.43	4206274.03	18050.8803	0.00113	2.67873	3.19010E-04	1.4474E-03
610525.43	4206274.03	19518.06372	0.00431	2.66063	3.16855E-04	4.6228E-03	610525.43	4206274.03	19518.06372	0.00122	2.66063	3.16855E-04	1.5369E-03
610532.43	4206274.03	21195.6126	0.00468	2.64144	3.14569E-04	4.99006E-03	610532.43	4206274.03	21195.6126	0.00132	2.64144	3.14569E-04	1.6395E-03
610539.43	4206274.03	23130.21092	0.00510	2.62102	3.12138E-04	5.4158E-03	610539.43	4206274.03	23130.21092	0.00145	2.62102	3.12138E-04	1.7586E-03
610546.43	4206274.03	25383.35973	0.00560	2.59921	3.09540E-04	5.90956E-03	610546.43	4206274.03	25383.35973	0.00159	2.59921	3.09540E-04	1.8963E-03
610553.43	4206274.03	28041.93876	0.00619	2.57568	3.06738E-04	6.49326E-03	610553.43	4206274.03	28041.93876	0.00175	2.57568	3.06738E-04	2.0596E-03
610560.43	4206274.03	31225.81946	0.00689	2.54999	3.03679E-04	7.19256E-03	610560.43	4206274.03	31225.81946	0.00195	2.54999	3.03679E-04	2.2558E-03
610567.43	4206274.03	35110.35819	0.00775	2.52123	3.00254E-04	8.04616E-03	610567.43	4206274.03	35110.35819	0.00219	2.52123	3.00254E-04	2.4950E-03
610574.43	4206274.03	39906.70479	0.00881	2.48827	2.96447E-04	9.10045E-03	610574.43	4206274.03	39906.70479	0.00249	2.48827	2.96447E-04	2.7910E-03
610581.43	4206274.03	45917.88138	0.01013	2.45360	2.92200E-04	1.0422E-02	610581.43	4206274.03	45917.88138	0.00287	2.45360	2.92200E-04	3.1625E-03
610588.43	4206274.03	53621.65529	0.01183	2.41318	2.87386E-04	1.2117E-02	610588.43	4206274.03	53621.65529	0.00335	2.41318	2.87386E-04	3.6393E-03
610595.43	4206270.91	66239.49539	0.01461	2.17645	2.59194E-04	1.4878E-02	610595.43	4206270.91	66239.49539	0.00414	2.17645	2.59194E-04	4.3998E-03
610601.49	4206272.08	76742.3373	0.01693	2.20119	2.62140E-04	1.7193E-02	610601.49	4206272.08	76742.3373	0.00480	2.20119	2.62140E-04	5.0593E-03
610609.43	4206274.03	93897.7936	0.02072	2.25507	2.68557E-04	2.0984E-02	610609.43	4206274.03	93897.7936	0.00587	2.25507	2.68557E-04	6.1381E-03
610616.43	4206274.03	113436.9517	0.02502	2.18585	2.60313E-04	2.5279E-02	610616.43	4206274.03	113436.9517	0.00709	2.18585	2.60313E-04	7.3494E-03
610770.43	4206274.03	309677.7627	0.06832	0.31473	3.74812E-05	6.83576E-02	610770.43	4206274.03	309677.7627	0.01936	0.31473	3.74812E-05	1.9395E-02
610777.43	4206274.03	292181.3579	0.06446	0.29806	3.54960E-05	6.44956E-02	610777.43	4206274.03	292181.3579	0.01826	0.29806	3.54960E-05	1.8300E-02
610784.43	4206274.03	267304.6202	0.05897	0.28285	3.36846E-05	5.90056E-02	610784.43	4206274.03	267304.6202	0.01671	0.28285	3.36846E-05	1.6743E-02
610791.43	4206274.03	242278.139	0.05345	0.26889	3.20222E-

610791.43	4206281.03	240177.2028	0.05299	0.29480	3.51078E-05	5.30216-02	610791.43	4206281.03	240177.2028	0.01501	0.29480	3.51078E-05	1.5049E-02
610798.43	4206281.03	218165.0098	0.04813	0.27989	3.33321E-05	4.81644-02	610798.43	4206281.03	218165.0098	0.01364	0.27989	3.33321E-05	1.3671E-02
610805.43	4206281.03	199421.8498	0.04400	0.26618	3.16994E-05	4.40276-02	610805.43	4206281.03	199421.8498	0.01247	0.26618	3.16994E-05	1.2498E-02
610812.43	4206281.03	183267.5654	0.04043	0.25353	3.01929E-05	4.04626-02	610812.43	4206281.03	183267.5654	0.01146	0.25353	3.01929E-05	1.1486E-02
610840.43	4206281.03	136716.9247	0.03016	0.21158	2.51971E-05	3.0187E-02	610840.43	4206281.03	136716.9247	0.00855	0.21158	2.51971E-05	8.5724E-03
610847.43	4206281.03	128156.5788	0.02827	0.20284	2.41562E-05	2.8297E-02	610847.43	4206281.03	128156.5788	0.00801	0.20284	2.41562E-05	8.0352E-03
610854.43	4206281.03	120449.9807	0.02657	0.19467	2.31833E-05	2.6596E-02	610854.43	4206281.03	120449.9807	0.00753	0.19467	2.31833E-05	7.5525E-03
610861.43	4206281.03	113470.1194	0.02503	0.18702	2.22722E-05	2.5055E-02	610861.43	4206281.03	113470.1194	0.00709	0.18702	2.22722E-05	7.1153E-03
610868.43	4206281.03	107114.3039	0.02363	0.17985	2.14184E-05	2.3652E-02	610868.43	4206281.03	107114.3039	0.00670	0.17985	2.14184E-05	6.7172E-03
610875.43	4206281.03	101208.8562	0.02235	0.17311	2.06157E-05	2.2369E-02	610875.43	4206281.03	101208.8562	0.00633	0.17311	2.06157E-05	6.3528E-03
610882.43	4206281.03	95954.75097	0.02117	0.16677	1.9866076-05	2.1189E-02	610882.43	4206281.03	95954.75097	0.00600	0.16677	1.9866076-05	6.0180E-03
610889.43	4206281.03	91024.66036	0.02008	0.16080	1.914975E-05	2.0100E-02	610889.43	4206281.03	91024.66036	0.00569	0.16080	1.914975E-05	5.7091E-03
610896.43	4206281.03	86460.16891	0.01907	0.15516	1.847808E-05	1.9093E-02	610896.43	4206281.03	86460.16891	0.00540	0.15516	1.847808E-05	5.4231E-03
610903.43	4206281.03	82221.17949	0.01814	0.14984	1.784455E-05	1.8157E-02	610903.43	4206281.03	82221.17949	0.00514	0.14984	1.784455E-05	5.1575E-03
610910.43	4206281.03	78273.21266	0.01727	0.14480	1.724422E-05	1.7285E-02	610910.43	4206281.03	78273.21266	0.00489	0.14480	1.724422E-05	4.9101E-03
610917.43	4206281.03	74586.99883	0.01645	0.14003	1.667626E-05	1.6472E-02	610917.43	4206281.03	74586.99883	0.00466	0.14003	1.667626E-05	4.6791E-03
610924.43	4206281.03	71137.39321	0.01569	0.13550	1.613676E-05	1.5710E-02	610924.43	4206281.03	71137.39321	0.00445	0.13550	1.613676E-05	4.4629E-03
610931.43	4206281.03	67902.50789	0.01498	0.13120	1.562466E-05	1.4996E-02	610931.43	4206281.03	67902.50789	0.00424	0.13120	1.562466E-05	4.2602E-03
610938.43	4206281.03	64863.38338	0.01431	0.12712	1.513876E-05	1.4326E-02	610938.43	4206281.03	64863.38338	0.00405	0.12712	1.513876E-05	4.0698E-03
610945.43	4206281.03	62003.46773	0.01368	0.12324	1.467676E-05	1.3693E-02	610945.43	4206281.03	62003.46773	0.00388	0.12324	1.467676E-05	3.8905E-03
610952.43	4206281.03	59308.31241	0.01308	0.11954	1.423606E-05	1.3098E-02	610952.43	4206281.03	59308.31241	0.00371	0.11954	1.423606E-05	3.7216E-03
610959.43	4206281.03	56764.7314	0.01252	0.11601	1.381566E-05	1.2537E-02	610959.43	4206281.03	56764.7314	0.00355	0.11601	1.381566E-05	3.5622E-03
610966.43	4206281.03	54361.41997	0.01199	0.11265	1.34155E-05	1.2006E-02	610966.43	4206281.03	54361.41997	0.00340	0.11265	1.34155E-05	3.4116E-03
610973.43	4206281.03	52087.92368	0.01149	0.10944	1.303326-05	1.1504E-02	610973.43	4206281.03	52087.92368	0.00326	0.10944	1.303326-05	3.2691E-03
610980.43	4206281.03	49935.29573	0.01102	0.10637	1.266766-05	1.1029E-02	610980.43	4206281.03	49935.29573	0.00312	0.10637	1.266766-05	3.1341E-03
610987.43	4206281.03	47894.8991	0.01057	0.10343	1.231756-05	1.0579E-02	610987.43	4206281.03	47894.8991	0.00299	0.10343	1.231756-05	3.0062E-03
610994.43	4206281.03	45959.4755	0.01014	0.10062	1.198286-05	1.0151E-02	610994.43	4206281.03	45959.4755	0.00287	0.10062	1.198286-05	2.8849E-03
611029.43	4206281.03	37635.52306	0.00830	0.08823	1.050735-05	8.3134E-03	611029.43	4206281.03	37635.52306	0.00235	0.08823	1.050735-05	2.3631E-03
611036.43	4206281.03	36204.4289	0.00799	0.08604	1.024655-05	7.9974E-03	611036.43	4206281.03	36204.4289	0.00226	0.08604	1.024655-05	2.2734E-03
611043.43	4206281.03	34840.74122	0.00769	0.08393	9.995236-06	7.6963E-03	611043.43	4206281.03	34840.74122	0.00218	0.08393	9.995236-06	2.1879E-03
611050.43	4206281.03	33540.63995	0.00740	0.08191	9.754676-06	7.4095E-03	611050.43	4206281.03	33540.63995	0.00210	0.08191	9.754676-06	2.1064E-03
611057.43	4206281.03	32300.65984	0.00713	0.07996	9.522456-06	7.1355E-03	611057.43	4206281.03	32300.65984	0.00202	0.07996	9.522456-06	2.0286E-03
611064.43	4206281.03	31117.445	0.00686	0.07808	9.298566-06	6.8742E-03	611064.43	4206281.03	31117.445	0.00195	0.07808	9.298566-06	1.9545E-03
611071.43	4206281.03	29987.92359	0.00662	0.07627	9.083006-06	6.6248E-03	611071.43	4206281.03	29987.92359	0.00187	0.07627	9.083006-06	1.8838E-03
610294.43	4206288.03	3846.11894	0.00085	0.58236	5.457146-06	1.3942E-03	610294.43	4206288.03	3846.11894	0.00024	0.58236	5.457146-06	7.8614E-04
610301.43	4206288.03	3963.40364	0.00087	0.56494	5.436396-06	1.4180E-03	610301.43	4206288.03	3963.40364	0.00025	0.56494	5.436396-06	7.9139E-04
610308.43	4206288.03	4086.08492	0.00090	0.54797	5.415836-06	1.4430E-03	610308.43	4206288.03	4086.08492	0.00026	0.54797	5.415836-06	7.9708E-04
610315.43	4206288.03	4215.17847	0.00093	0.53099	5.395966-06	1.4695E-03	610315.43	4206288.03	4215.17847	0.00026	0.53099	5.395966-06	8.0309E-04
610322.43	4206288.03	4350.47184	0.00096	0.51507	5.377026-06	1.4975E-03	610322.43	4206288.03	4350.47184	0.00027	0.51507	5.377026-06	8.0965E-04
610329.43	4206288.03	4492.72208	0.00099	0.50073	5.359026-06	1.5272E-03	610329.43	4206288.03	4492.72208	0.00028	0.50073	5.359026-06	8.1683E-04
610336.43	4206288.03	4642.85218	0.00102	0.48815	5.344946-06	1.5588E-03	610336.43	4206288.03	4642.85218	0.00029	0.48815	5.344946-06	8.2472E-04
610343.43	4206288.03	4804.01186	0.00106	0.47656	5.331146-06	1.5929E-03	610343.43	4206288.03	4804.01186	0.00030	0.47656	5.331146-06	8.3341E-04
610350.43	4206288.03	4975.02916	0.00110	0.46480	5.317146-06	1.6293E-03	610350.43	4206288.03	4975.02916	0.00031	0.46480	5.317146-06	8.4270E-04
610357.43	4206288.03	5155.77336	0.00114	0.45265	5.302676-06	1.6677E-03	610357.43	4206288.03	5155.77336	0.00032	0.45265	5.302676-06	8.5255E-04
610364.43	4206288.03	5347.07107	0.00118	0.44014	5.287776-06	1.7084E-03	610364.43	4206288.03	5347.07107	0.00033	0.44014	5.287776-06	8.6302E-04
610371.43	4206288.03	5549.7392	0.00122	0.42729	5.272466-06	1.7516E-03	610371.43	4206288.03	5549.7392	0.00035	0.42729	5.272466-06	8.7416E-04
610378.43	4206288.03	5764.75896	0.00127	0.41410	5.256766-06	1.7975E-03	610378.43	4206288.03	5764.75896	0.00036	0.41410	5.256766-06	8.8603E-04
610385.43	4206288.03	5993.22035	0.00132	0.40062	5.240706-06	1.8463E-03	610385.43	4206288.03	5993.22035	0.00037	0.40062	5.240706-06	8.9873E-04
610392.43	4206288.03	6236.24906	0.00138	0.38684	5.224296-06	1.8982E-03	610392.43	4206288.03	6236.24906	0.00039	0.38684	5.224296-06	9.1226E-04
610399.43	4206288.03	6495.14065	0.00143	0.37274	5.207526-06	1.9535E-03	610399.43	4206288.03	6495.14065	0.00041	0.37274	5.207526-06	9.2676E-04
610406.43	4206288.03	6771.41497	0.00149	0.35828	5.190286-06	2.0129E-03	610406.43	4206288.03	6771.41497	0.00042	0.35828	5.190286-06	9.4231E-04
610413.43	4206288.03	7066.70742	0.00156	0.34349	5.172676-06	2.0765E-03	610413.43	4206288.03	7066.70742	0.00044	0.34349	5.172676-06	9.5901E-04
610420.43	4206288.03	7382.82024	0.00163	0.32832	5.154606-06	2.1442E-03	610420.43	4206288.03	7382.82024	0.00046	0.32832	5.154606-06	9.7696E-04
610427.43	4206288.03	7721.82543	0.00170	0.31266	5.135956-06	2.2171E-03	610427.43	4206288.03	7721.82543	0.00048	0.31266	5.135956-06	9.9629E-04
610434.43	4206288.03	8086.19303	0.00178	0.29634	5.116526-06	2.2956E-03	610434.43	4206288.03	8086.19303	0.00051	0.29634	5.116526-06	1.0171E-03
610441.43	4206288.03	8478.4617	0.00187	0.27919	5.096096-06	2.3801E-03	610441.43	4206288.03	8478.4617	0.00053	0.27919	5.096096-06	1.0366E-03
610448.43	4206288.03	8901.75871	0.00196	0.26116	5.074626-06	2.4713E-03	610448.43	4206288.03	8901.75871	0.00056	0.26116	5.074626-06	1.0639E-03
610455.43	4206288.03	9359.6656	0.00206	0.24231	5.052176-06	2.5701E-03	610455.43	4206288.03	9359.6656	0.00059	0.24231	5.052176-06	1.0901E-03
610462.43	4206288.03	9856.1485	0.00217	0.22279	5.028936-06	2.6773E-03	610462.43	4206288.03	9856.1485	0.00062	0.22279	5.028936-06	1.1190E-03
610469.43	4206288.03	10395.96866	0.00229	0.20267	5.004966-06	2.7940E-03	610469.43	4206288.03	10395.96866	0.00065	0.20267	5.004966-06	1.1504E-03
610476.43	4206288.03	10984.71332	0.00242	0.18205	4.980416-06	2.9214E-03	610476.43	4206288.03	10984.71332	0.00069	0.18205	4.980416-06	1.1847E-03
610483.43	4206288.03	11628.86119	0.00257	0.16088	4.955206-06	3.0610E-03	610483.43	4206288.03	11628.86119	0.00073	0.16088	4.955206-06	1.2224E-03
610497.43	4206288.03	13115.7342	0.00289	0.11679	4.902696-06	3.3838E-03	610497.43	4206288.03	13115.7342	0.00082	0.11679	4.902696-06	1.3101E-03
610504.43	4206288.03	13978.90876	0.00308	0.09373	4.875236-06	3.5715E-03	610504.43	4206288.03	13978.90876	0.00087	0.09373	4.875236-06	1.3616E-03
610511.43	4206288.03	14939.28219	0.00330	0.06992	4.846876-06	3.7805E-03	610511.43	4206288.03	14939.28219	0.00093	0.06992	4.846876-06	1.4185E-03
610518.43	4206288.03	16011.56027	0.00353	0.04525	4.817496-06	4.0146E-03	610518.43	4206288.03	16011.56027	0.00100	0.04525	4.817496-06	1.4828E-03
610525.43	4206288.03	17222.86948	0.00380	0.01962	4.786976-06	4.2783E-03	610525.43	4206288.03	17222.86948	0.00108	0.01962	4.786976-06	1.5553E-03
610532.43	4206288.03	18593.61428	0.00410	0.00410	4.757186-06	4.5775E-03	610532.43	4206288.03	18593.61428	0.00116	0.00410	4.757186-06	1.6378E-03
610539.43	4206288.03	20159.93658	0.00445	3.96509	4.722036-06	4.9198E-03	610539.43	4206288.03	20159.93658	0.00126	3.96509	4.722036-06	1.7324E-03
610546.43	4206288.03	21966.3993	0.00485	3.93603	4.687426-06	5.3148E-03	610546.43	4206288.03	21966.3993	0.00137	3.93603	4.687426-06	1.8419E-03
610553.43	4206288.03	24072.18	0.00531	3.90560	4.651186-06	5.7758E-03	610553.43	4206288.03	24072.18	0.00150	3.90560	4.651186-06	1.9699E-03
610560.43	4206288.03	26577.6767	0.00586	3.87245	4.611716-06	6.3246E-03	610560.43	4206288.03	26577.6767	0.00166	3.87245	4.611716-06	2.1225E-03
610567.43	4206288.03	29617.56431	0.00653	3.83576	4.568016-06	6.9008E-03	610567.43	4206288.03	29617.56431	0.00185	3.83576	4.568016-06	2.3082E-03
610574.43	4206288.03	33326.25331	0.00735	3.79679	4.521606-06	7.5040E-03	610574.43	4206288.03	33326.25331	0.00208	3.79679	4.521606-06	2.5364E-03
610581.43	4206288.03	37961.81603	0.00837	3.75398	4.470626-06	8.2220E-03	610581.43	4206288.03	37961.81603	0.00237	3.75398	4.470626-06	2.8201E-03
610588.43	4206288.03	43871.02273	0.00968	3.70680	4.414436-06	1.0120E-02	610588.43	4206288.03	43871.02273	0.00274	3.70680	4.414436-06	3.1838E-03
610595.43	4206288.03	51625.43189	0.01139	3.65350	4.350966-06	1.1824E-02	610595.43	4206288.03	51625.43189	0.00323	3.65350	4.350966-06	3.6622E-03
610603.83	4206287.38	65176.17334	0.01438	3.49880	4.166726-06	1.4795E-02	610603.83	4206287.38	65176.17334	0.00407	3.49880	4.166726-06	4.4908E-03
610609.43	4206288.03	75681.71747	0.01670	3.52328	4.195886-06	1.7116E-02	610609.43	4206288.03	75681.71747	0.00473	3.52328	4.195886-06	5.1505E-03
610615.78	4206287.92	90491.90123	0.01996	3.43704	4.093176-06	2.0373E-02	610615.78	4206287.92	90491.90123	0.00566	3.43704	4.093176-06	6.0660E-03
610770.43	4206288.03	303018.824	0.06685	1.46736	4.407386-05	6.6896E-02	610770.43	4206288.03	303018.824	0.01894	3.68688	4.407386-05	1.8988E-02
610777.43	4206288.03	286159.3487	0.06313	0.36363	4.330476-05	6.3174E-02	610777.43	4206288.03	286159.3487	0.01789	0.36363	4.330476-05	1.7931E-02
610784.43	4206288.03	261883.9651	0.05778	0.34268	4.080988-05	5.7816E-02	610784.43	4206288.03	261883.9651	0.01637	0.34268	4.080988-05	1.6411E-02
610791.43	4206288.03	237461.6792	0.05239	0.32266	3.854476-05	5.2436E-02	610791.43	4206288.03	237461.6792	0.01484	0.32266	3.854476-05	1.4882E-02
610798.43	4206288.03	215714.8723	0.04759	0.30632	3.647976-05	4.7626E-02	610798.43	4206288.03	215714.8723	0.01348	0.30632	3.647976-05	1.3521E-02
610805.43	4206288.03	197217.467	0.04351	0.29047	3.459216-05	4.3543E-02	610805.43	4206288.03	197217.467	0.01233	0.29047	3.459216-05	1.2363E-02
610812.43	4206288.03	181293.2485	0.04000	0.27592	3.285936-05	4.0026E-02	610812.43	4206288.03	181293.2485	0.01133	0.27592	3.285936-05	1.1366E-02
610840.43	4206288.03	135466.2654	0.02989	0.22817	2.71728E-05	2.9913E-02	610840.43	4206288.03	135466.2654	0.00847	0.22817	2.71728E-05	8.4952E-03
610847.43	4206288.03	127054.5977	0.02803	0.21832	2.599988-05	2.8056E-02	610847.43	4206288.03	127054.5977	0.00794	0.21832	2.599988-05	7.9682E-03
610854.43	4206288.03	119485.0177	0.02636	0.20915	2.490776-05	2.6385E-02	610854.43	4206288.03	119485.0177	0.00747	0.20915	2.490776-05	7.4939E-03
610861.43	4206288.03	112631.5769	0.02485	0.20059	2.388836-05	2.4872E-02	610861.43	4206288.03	112631.5769	0.00704	0.20059	2.388836-05	7.0645E-03
610868.43	4206288.03	106392.1162	0.02347	0.19258	2.293446-05	2.3494E-02	610868.43	4206288.03	106392.1162	0.00665	0.19258	2.293446-05	6.6735E-03
610875.43	4206288.03	100683.6155	0.02221	0.18508	2.204126-05	2.2234E-02	610875.43	4206288.03	100683.6155	0.00629	0.18508	2.204126-05	6.3158E-03
610882.43	4206288.03	95438.01294	0.02105	0.17804	2.120286-05	2.1076E-02	610882.43	4206288.03	95438.01294	0.00597	0.17804	2.120286-05	5.9871E-03
610889.43	4206288.03	90598.48423	0.01999	0.17143	2.041566-05	2.0008E-02	610889.43	4206288.03	90598.48423	0.00566	0.17143	2.041566-05	5.6837E-03
610896.43	4206288.03	86117.3927	0.01900	0.16520	1.967376-05	1.9018E-02	610896.43	4206288.03	86117.3927	0.00538	0.16520	1.967376-05	5.4029E-03
610903.43	4206288.03	81954.8805	0.01808	0.15933	1.897466-05	1.8098E-02	610903.43	4206288.03	81954.8805	0.00512	0.15933	1.897466-05	5.1420E-03
610910.43	4206288.03	78077.00211	0.01722	0.15379	1.831496-05	1.7241E-02	610910.43	4206288.03	78077.00211	0.00488	0.15379	1.831496-05	4.8989E-03
610917.43	4206288.03	74455.07521	0.01643	0.14855	1.769086-05	1.6441E-02	610917.43	4206288.03	74455.07521	0.00465	0.14855	1.769086-05	4.6719E-03
610924.43	4206288.03	71064.15952	0.01568	0.14359	1.710016-05	1.5695E-02	610924.43	4206288.03	71064.15952	0.00444	0.14359	1.710016-05	4.4593E-03
610931.43	4206288.03	67882.71261	0.01498	0.13889	1.654046-05	1.4992E-02	610931.43	4206288.03	67882.71261	0.00424	0.13889	1.654046-05	4.2599E-03
610938.43	4206288.03	64892.42078	0.01432	0.13444	1.601056-05	1.4328E-02	610938.43	4206288.03	64892.42078	0.00406	0.13444	1.601056-05	4.0724E-03
610945.43	4206288.03	62076.78772	0.01369	0.13020	1.550556-05	1.3710E-02	610945.43	4206288.03	62076.78772	0.00388	0.13020	1.550556-05	3.8959E-03
610952.43	4206288.03	59421.52133	0.01311	0.12618	1.502686-05	1.3124E-02	610952.43	4206288.03	59421.52133	0.00371	0.12618	1.502686-05	3.7295E-03
610959.43	4206288.03	56914.11296	0.01256	0.12235	1.457076-05	1.2571E-02	610959.43	4206288.03	56914.11296	0.00356	0.12235	1.457076-05	3.5723E-03
610966.43	4206288.03	54543.31336	0.01203	0.11870	1.413606-05	1.2047E-02	610966.43	4206288.03	54543.31336	0.00341	0.11870	1.413606-05	3.4236E-03
610973.43	4206288.03	52298.95018	0.01154	0.11522	1.372166-05	1.1552E-02	610973.43	4206288.03	52298.95018	0.00327	0.11522	1.372166-05	3.2828E-03
610980.43	4206288.03	50172.21721	0.01107	0.11190	1.332626-05	1.1082E-02	610980.43	4206288.03	50172.21721	0.00314	0.11190	1.332626-05	3.1496E-03
610987.43	4206288.03	48154.99792	0.01062	0.10873	1.294876-05	1.0637E-02	610987.43	4206288.03	48154.99792	0.00301	0.10873	1.294876-05	3.0231E-03
610994.43	4206288.03	46239.85636	0.01020	0.10570	1.258786-05	1.0214E-02	610994.43	4206288.03	46239.85636	0.00289	0.10570	1.258786-05	2.9031E-03
611001.43	4206288.03	44420.27191	0.00980	0.10280	1.224256-05	0.8120E-03	611001.43	4206288.03	44420.27191	0.00278	0.10280	1.224256-05	2.7890E-03
611008.43	4206288.03	42690.29462	0.00942	0.10003	1.191266-05	9.4300E-03	611008.43	4206288.03	42690.29462	0.00267	0.10003	1.191266-05	2.6805E-03
611036.43	4206288.03	36560.9581	0.00807	0.09002	1.072056-05	8.0768E-03	611036.43	4206288.03	36560.9581	0.00229	0.09002	1.072056-05	2.2962E-03
611043.43	4206288.03	35203.83169	0.00777	0.08777	1.045256-05	7.7769E-03	611043.43	4206288.03	35203.83169	0.00220	0.08777	1.045256-05	2.2111E-03
611050.43	4206288.03	33908.93554	0.00748	0.08560	1.019416-05	7.4935E-03	611050.43	4206288.03	33908.93554	0.00212	0.08560	1.019416-05	2.1298E-03
611057.43	4206288.03	32672.9889	0.00721	0.08352	9.946416-06	7.2181E-03	611057.43	4206288.03	32672.9889	0.00204	0.08352	9.946416-06	2.0523E-03
611064.43	4206288.03	31492.54868	0.00695	0.08151	9.70704E-06	6.9574E-03	611064.43	4206288.03	31492.54868	0.00197	0.08151	9.70704E-06	1.9783E-03
611071.43	4206288.03	30364.76218	0.00670	0.07958	9.477196-06	6.7084E-03	611071.43	4206288.03	30364.76218	0.00190	0.07958	9.477196-06	1.9076E-03
611078.43	4206288.03	29286.86665	0.00646	0.07772	9.255686-06	6.4703E-03	611078.43	4206288.03	29286.86665	0.00183	0.07772	9.255686-06	1.8400E-03
611085.43	4206288.03	28256.20813	0.00623	0.07593	9.042516-06	6.2427E-03	611085.43	4206288.03	28256.20813	0.00177	0.07593	9.042516-06	1.7753E-03
611092.43	4206288.03	27270.4062	0.00602	0.07420	8.836496-06	6.0251E-03	611092.43	4206288.03	27270.4062	0.00170	0.07420	8.836496-06	1.7135E-03
610294.43	4206295.03	3742.60899	0.00083	0.60505	7.151426-06	1.5408E-03	610294.43	4206295.03	3742.60899	0.00023	0.60505	7.151426-06	9.4909E-04
610301.43	4206295.03	3854.7885	0.00085	0.57985	7.121416-06	1.5626E-03	610301.43	4206295.03	3854.7885	0.00024	0.57985	7.121416-06	9.5312E-04
610308.43	4206295.03	3972.40768	0.00088	0.55591	7.092906-06	1.5857E-03	610308.43	4206295.03	3972.40768	0.00025	0.55591	7.092906-06	9.5761E-04
610315.43	4206295.03	4095.6366	0.00090	0.53300	7.065626-06	1.6101E-03	610315.43	4206295.03	4095.6366	0.00026	0.53300	7.065626-06	9.6258E-04
610322.43	4206295.03	4225.31599	0.00093	0.50932	7.037426-06	1.6359E-03	610322.43	4206295.03	4225.31599	0.00026	0.50932	7.037426-06	9.6787E-04
610329.43	4206295.03	4361.21631	0.00096	0.48625	7.01471E-06	1.6636E-03	610329.43	4206295.03	4361.21631	0.00027	0.48625	7.01471E-06	9.7408E-04
610336.43	4206295.03	4504.53902	0.00099	0.47475	6.999256-06	1.6934E-03	610336.43	4206295.03	4504.53902	0.00028	0.47475	6.999256-06	9.8120E-04
610343.43	4206295.03	4658.32966	0.00103	0.45666	6.974706-06	1.7252E-03	610343.43	4206295.03	4658.32966	0.00029	0.45666	6.974706-06	9.8866E-04
610350.43	4206295.03	4821.37324	0.00106	0.43724	6.951586-06	1.7588E-03	610350.43	4206295.03	4821.37324	0.00030	0.43724	6.951586-06	9.9654E-04
610357.43	4206295.03	4993.57298	0.00110	0.41746	6.928026-06	1.7945E-03	610357.43	4206295.03	4993.57298	0.00031	0.41746	6.928026-06	1.0050E-03
610364.43	4206295.03	5175.59082	0.00114	0.39733	6.904056-06	1.8322E-03	610364.43	4206295.03	5175.59082	0.00032	0.39733	6.904056-06	1.0190E-03
610371.43	4206295.03	5368.2947	0.00118	0.37693	6.879756-06	1.8721E-03	610371.43	4206295.03	5368.2947	0.00034	0.37693	6.879756-06	1.0235E-03
610378.43	4206295.03	5572.52919	0.00123	0.35635	6.855246-06	1.9149E-03	610378.43	4206295.03	5572.52919	0.00035	0.35635	6.855246-06	1.0339E-03
610385.43	4206295.03	5789.2358	0.00128	0.33558	6.830516-06	1.9602E-03	610385.43	4206295.03	5789.2358	0.00036	0.33558	6.830516-06	1.0449E-03
610392.43	4206295.03	6019.5206	0.00133	0.31456	6.805486-06	2.0085E-03	610392.43	4206295.03	6019.5206	0.00038	0.31456	6.805486-06	1.0568E-03
610399.43	4206295.03	6264.54878	0.00138	0.29321	6.780056-06	2.0601E-03	610399.43	4206295.03	6264.54878	0.00039	0.29321	6.780056-06	1.0696E-03
610406.43	4206295.03	6525.67658	0.00144	0.27160	6.754326-06	2.1151E-03	610406.43	4206295.03	6525.67658	0.00041	0.27160	6.754326-06	1.0834E-03
610413.43	4206295.03	6804.38935	0.00150	0.24978	6.728356-06	2.1740E-03	610413.43	4206295.03	6804.38935	0.00043	0.24978	6.728356-06	1.0982E-03
610420.43	4206295.03	7102.31394	0.00157	0.22765	6.701976-06	2.

610315.43	4206302.03	3979.15386	0.000088	8.05492	9.59261E-04	1.83716-03	610315.43	4206302.03	3979.15386	0.00025	8.05492	9.592631E-04	1.20808-03
610322.43	4206302.03	4103.10635	0.000091	8.01954	9.550488-04	1.86026-03	610322.43	4206302.03	4103.10635	0.00026	8.01954	9.550488-04	1.2115E-03
610329.43	4206302.03	4232.90427	0.000093	7.99540	9.521738-04	1.88606-03	610329.43	4206302.03	4232.90427	0.00026	7.99540	9.521738-04	1.2168E-03
610336.43	4206302.03	4369.66824	0.000096	7.98155	9.505246-04	1.91456-03	610336.43	4206302.03	4369.66824	0.00027	7.98155	9.505246-04	1.2237E-03
610343.43	4206302.03	4516.35337	0.000100	7.95668	9.475626-04	1.94396-03	610343.43	4206302.03	4516.35337	0.00028	7.95668	9.475626-04	1.2299E-03
610350.43	4206302.03	4671.73866	0.000103	7.93788	9.441326-04	1.97486-03	610350.43	4206302.03	4671.73866	0.00029	7.93788	9.441326-04	1.2362E-03
610357.43	4206302.03	4835.65118	0.000107	7.89748	9.405126-04	2.00736-03	610357.43	4206302.03	4835.65118	0.00030	7.89748	9.405126-04	1.2428E-03
610364.43	4208302.03	5008.85906	0.000111	7.86542	9.366946-04	2.04176-03	610364.43	4206302.03	5008.85906	0.00031	7.86542	9.366946-04	1.2498E-03
610371.43	4206302.03	5191.94579	0.000115	7.83388	9.329386-04	2.07846-03	610371.43	4206302.03	5191.94579	0.00032	7.83388	9.329386-04	1.2575E-03
610378.43	4206302.03	5385.79531	0.000119	7.80370	9.293446-04	2.11756-03	610378.43	4206302.03	5385.79531	0.00034	7.80370	9.293446-04	1.2660E-03
610385.43	4206302.03	5591.28067	0.000123	7.7736	9.257306-04	2.15926-03	610385.43	4206302.03	5591.28067	0.00035	7.77336	9.257306-04	1.2752E-03
610392.43	4206302.03	5809.37623	0.000128	7.74140	9.219246-04	2.20366-03	610392.43	4206302.03	5809.37623	0.00036	7.74140	9.219246-04	1.2851E-03
610399.43	4206302.03	6041.16753	0.000133	7.70883	9.180456-04	2.25086-03	610399.43	4206302.03	6041.16753	0.00038	7.70883	9.180456-04	1.2957E-03
610406.43	4206302.03	6287.80288	0.000139	7.67724	9.142836-04	2.30156-03	610406.43	4206302.03	6287.80288	0.00039	7.67724	9.142836-04	1.3073E-03
610413.43	4206302.03	6550.67871	0.000145	7.64622	9.105896-04	2.3558E-03	610413.43	4206302.03	6550.67871	0.00041	7.64622	9.105896-04	1.3201E-03
610420.43	4206302.03	6831.28478	0.000151	7.61425	9.067826-04	2.41386-03	610420.43	4206302.03	6831.28478	0.00043	7.61425	9.067826-04	1.3338E-03
610427.43	4206302.03	7131.20865	0.000157	7.58083	9.028026-04	2.47606-03	610427.43	4206302.03	7131.20865	0.00045	7.58083	9.028026-04	1.3486E-03
610434.43	4206302.03	7452.51046	0.000164	7.54721	8.987986-04	2.5429E-03	610434.43	4206302.03	7452.51046	0.00047	7.54721	8.987986-04	1.3647E-03
610441.43	4206302.03	7797.17229	0.000172	7.51317	8.947446-04	2.6149E-03	610441.43	4206302.03	7797.17229	0.00049	7.51317	8.947446-04	1.3821E-03
610448.43	4206302.03	8167.69584	0.000180	7.47706	8.904446-04	2.6923E-03	610448.43	4206302.03	8167.69584	0.00051	7.47706	8.904446-04	1.4010E-03
610455.43	4206302.03	8566.76684	0.000189	7.43807	8.858016-04	2.7757E-03	610455.43	4206302.03	8566.76684	0.00054	7.43807	8.858016-04	1.4213E-03
610462.43	4206302.03	8997.60599	0.000198	7.39760	8.809816-04	2.8660E-03	610462.43	4206302.03	8997.60599	0.00056	7.39760	8.809816-04	1.4434E-03
610469.43	4206302.03	9463.84984	0.000209	7.35700	8.761466-04	2.9640E-03	610469.43	4206302.03	9463.84984	0.00059	7.35700	8.761466-04	1.4677E-03
610476.43	4206302.03	9969.72072	0.000220	7.31630	8.712996-04	3.0708E-03	610476.43	4206302.03	9969.72072	0.00062	7.31630	8.712996-04	1.4945E-03
610483.43	4206302.03	10520.1206 3	0.000232	7.27451	8.663226-04	3.1872E-03	610483.43	4206302.03	10520.1206 3	0.00066	7.27451	8.663226-04	1.5239E-03
610525.75	4206298.14	15770.41117	0.000348	5.90769	7.035476-04	4.1827E-03	610525.75	4206298.14	15770.41117	0.00099	5.90769	7.035476-04	1.6884E-03
610532.75	4206298.14	16953.75101	0.000374	5.86788	6.988076-04	4.4190E-03	610532.75	4206298.14	16953.75101	0.00106	5.86788	6.988076-04	1.7586E-03
610539.75	4206298.14	18295.20465	0.000404	5.82709	6.939496-04	4.7301E-03	610539.75	4206298.14	18295.20465	0.00114	5.82709	6.939496-04	1.8376E-03
610770.43	4206303.03	29368.9504	0.00479	4.47736	5.684896-05	6.4849E-02	610770.43	4206303.03	29368.9504	0.01816	4.47736	5.684896-05	1.8415E-02
610777.43	4206303.03	27700.872 8	0.06111	0.44470	5.295946-05	6.1164E-02	610777.43	4206303.03	27700.872 8	0.01732	0.44470	5.295946-05	1.7368E-02
610784.43	4206303.03	25297.1 5707	0.05581	0.41572	4.950816-05	5.5859E-02	610784.43	4206303.03	25297.1 5707	0.01581	0.41572	4.950816-05	1.5863E-02
610791.43	4206303.03	229112.896	0.05055	0.38979	4.640216-05	5.0593E-02	610791.43	4206303.03	229112.896	0.01432	0.38979	4.640216-05	1.4368E-02
610798.43	4206303.03	208155.4938	0.04592	0.36647	4.364306-05	4.5966E-02	610798.43	4206303.03	208155.4938	0.01301	0.36647	4.364306-05	1.3055E-02
610805.43	4206303.03	190318.3323	0.04199	0.34540	4.113376-05	4.2028E-02	610805.43	4206303.03	190318.3323	0.01190	0.34540	4.113376-05	1.1938E-02
610812.43	4206303.03	175113.6224	0.03863	0.32627	3.885556-05	3.8671E-02	610812.43	4206303.03	175113.6224	0.01095	0.32627	3.885556-05	1.0985E-02
610840.43	4206303.03	131607.6607	0.02903	0.26486	3.154226-05	2.9066E-02	610840.43	4206303.03	131607.6607	0.00823	0.26486	3.154226-05	8.2584E-03
610847.43	4206303.03	129637.8374	0.02728	0.25244	3.006316-05	2.7308E-02	610847.43	4206303.03	129637.8374	0.00773	0.25244	3.006316-05	7.7587E-03
610854.43	4206303.03	116471.7561	0.02570	0.24097	2.869716-05	2.5724E-02	610854.43	4206303.03	116471.7561	0.00728	0.24097	2.869716-05	7.3094E-03
610861.43	4206303.03	109979.9152	0.02426	0.23032	2.742886-05	2.4291E-02	610861.43	4206303.03	109979.9152	0.00687	0.23032	2.742886-05	6.9028E-03
610868.43	4206303.03	104065.9238	0.02296	0.22042	2.624986-05	2.2985E-02	610868.43	4206303.03	104065.9238	0.00651	0.22042	2.624986-05	6.5314E-03
610875.43	4206303.03	98651.27363	0.02176	0.21119	2.515066-05	2.1789E-02	610875.43	4206303.03	98651.27363	0.00617	0.21119	2.515066-05	6.1919E-03
610882.43	4206303.03	93671.35056	0.02067	0.20258	2.412536-05	2.0688E-02	610882.43	4206303.03	93671.35056	0.00586	0.20258	2.412536-05	5.8795E-03
610889.43	4206303.03	89072.42607	0.01965	0.19453	2.316666-05	1.9674E-02	610889.43	4206303.03	89072.42607	0.00557	0.19453	2.316666-05	5.5911E-03
610896.43	4206303.03	84810.0565	0.01871	0.18698	2.226756-05	1.8731E-02	610896.43	4206303.03	84810.0565	0.00530	0.18698	2.226756-05	5.3238E-03
610903.43	4206303.03	80846.18577	0.01784	0.17989	2.142316-05	1.7857E-02	610903.43	4206303.03	80846.18577	0.00505	0.17989	2.142316-05	5.0751E-03
610910.43	4206303.03	77149.28117	0.01702	0.17323	2.063006-05	1.7041E-02	610910.43	4206303.03	77149.28117	0.00482	0.17323	2.063006-05	4.8432E-03
610917.43	4206303.03	73691.92594	0.01626	0.16696	1.988336-05	1.6273E-02	610917.43	4206303.03	73691.92594	0.00461	0.16696	1.988336-05	4.6264E-03
610924.43	4206303.03	70450.90677	0.01554	0.16104	1.917836-05	1.5562E-02	610924.43	4206303.03	70450.90677	0.00440	0.16104	1.917836-05	4.4231E-03
610931.43	4206303.03	67405.94352	0.01487	0.15545	1.851266-05	1.4889E-02	610931.43	4206303.03	67405.94352	0.00421	0.15545	1.851266-05	4.2321E-03
610938.43	4206303.03	64539.87607	0.01424	0.15017	1.788386-05	1.4256E-02	610938.43	4206303.03	64539.87607	0.00403	0.15017	1.788386-05	4.0528E-03
610945.43	4206303.03	61837.17632	0.01364	0.14517	1.728836-05	1.3659E-02	610945.43	4206303.03	61837.17632	0.00387	0.14517	1.728836-05	3.8827E-03
610952.43	4206303.03	59284.51174	0.01308	0.14043	1.672386-05	1.3096E-02	610952.43	4206303.03	59284.51174	0.00371	0.14043	1.672386-05	3.7226E-03
610959.43	4206303.03	56870.11498	0.01255	0.13593	1.618796-05	1.2563E-02	610959.43	4206303.03	56870.11498	0.00355	0.13593	1.618796-05	3.5711E-03
610966.43	4206303.03	54583.47361	0.01204	0.13166	1.567946-05	1.2058E-02	610966.43	4206303.03	54583.47361	0.00341	0.13166	1.567946-05	3.4277E-03
610973.43	4206303.03	52415.38587	0.01156	0.12759	1.519476-05	1.1579E-02	610973.43	4206303.03	52415.38587	0.00328	0.12759	1.519476-05	3.2917E-03
610980.43	4206303.03	50357.34156	0.01111	0.12373	1.473506-05	1.1124E-02	610980.43	4206303.03	50357.34156	0.00315	0.12373	1.473506-05	3.1626E-03
610987.43	4206303.03	48401.93114	0.01068	0.12004	1.429566-05	1.0692E-02	610987.43	4206303.03	48401.93114	0.00303	0.12004	1.429566-05	3.0399E-03
610994.43	4206303.03	46542.38701	0.01027	0.11653	1.387766-05	1.0282E-02	610994.43	4206303.03	46542.38701	0.00291	0.11653	1.387766-05	2.9231E-03
611001.43	4206303.03	44772.47765	0.00988	0.11317	1.347746-05	9.8909E-03	611001.43	4206303.03	44772.47765	0.00280	0.11317	1.347746-05	2.8122E-03
611008.43	4206303.03	43086.72616	0.00951	0.10997	1.309636-05	9.5186E-03	611008.43	4206303.03	43086.72616	0.00269	0.10997	1.309636-05	2.7065E-03
611036.43	4206303.03	37088.64653	0.00818	0.09848	1.172826-05	8.1940E-03	611036.43	4206303.03	37088.64653	0.00232	0.09848	1.172826-05	2.3301E-03
611043.43	4206303.03	35754.60757	0.00789	0.09590	1.142076-05	7.8994E-03	611043.43	4206303.03	35754.60757	0.00224	0.09590	1.142076-05	2.2464E-03
611050.43	4206303.03	34479.67622	0.00761	0.09343	1.112666-05	7.6178E-03	611050.43	4206303.03	34479.67622	0.00216	0.09343	1.112666-05	2.1669E-03
611057.43	4206303.03	33260.45166	0.00734	0.09106	1.084436-05	7.3486E-03	611057.43	4206303.03	33260.45166	0.00208	0.09106	1.084436-05	2.0908E-03
611064.43	4206303.03	32094.25418	0.00708	0.08878	1.057286-05	7.0910E-03	611064.43	4206303.03	32094.25418	0.00201	0.08878	1.057286-05	2.0168E-03
611071.43	4206303.03	30978.10766	0.00683	0.08658	1.031086-05	6.8445E-03	611071.43	4206303.03	30978.10766	0.00194	0.08658	1.031086-05	1.9468E-03
611078.43	4206303.03	29909.57233	0.00660	0.08447	1.005956-05	6.6085E-03	611078.43	4206303.03	29909.57233	0.00187	0.08447	1.005956-05	1.8797E-03
611085.43	4206303.03	28886.19754	0.00637	0.08244	9.817796-06	6.3825E-03	611085.43	4206303.03	28886.19754	0.00181	0.08244	9.817796-06	1.8155E-03
611092.43	4206303.03	27905.78417	0.00616	0.08049	9.585566-06	6.1660E-03	611092.43	4206303.03	27905.78417	0.00174	0.08049	9.585566-06	1.7540E-03
611070.43	4206309.03	285313.6834	0.06294	0.52808	6.288916-05	6.3007E-02	611070.43	4206309.03	285313.6834	0.01784	0.52808	6.288916-05	1.7898E-02
610777.43	4206309.03	268596.4992	0.05926	0.49987	5.833876-05	5.9314E-02	610777.43	4206309.03	268596.4992	0.01679	0.49897	5.833876-05	1.6848E-02
610784.43	4206309.03	245017.6418	0.05405	0.45620	5.432896-05	5.4109E-02	610784.43	4206309.03	245017.6418	0.01532	0.45620	5.432896-05	1.5370E-02
610791.43	4206309.03	221990.3876	0.04897	0.42627	5.076456-05	4.9025E-02	610791.43	4206309.03	221990.3876	0.01388	0.42627	5.076456-05	1.3927E-02
610798.43	4206309.03	201977.0821	0.04456	0.39952	4.757896-05	4.4606E-02	610798.43	4206309.03	201977.0821	0.01263	0.39952	4.757896-05	1.2673E-02
610805.43	4206309.03	184901.621	0.04079	0.37548	4.471606-05	4.0837E-02	610805.43	4206309.03	184901.621	0.01156	0.37548	4.471606-05	1.1603E-02
610812.43	4206309.03	170400.2303	0.03759	0.35376	4.212396-05	3.7637E-02	610812.43	4206309.03	170400.2303	0.01065	0.35376	4.212396-05	1.0694E-02
610840.43	4206309.03	128854.2567	0.02843	0.28470	3.390506-05	2.8461E-02	610840.43	4206309.03	128854.2567	0.00805	0.28470	3.390506-05	8.0886E-03
610847.43	4206309.03	121217.8741	0.02674	0.27087	3.225796-05	2.6775E-02	610847.43	4206309.03	121217.8741	0.00758	0.27087	3.225796-05	7.6096E-03
610854.43	4206309.03	114337.8191	0.02522	0.25812	3.073956-05	2.5259E-02	610854.43	4206309.03	114337.8191	0.00715	0.25812	3.073956-05	7.1780E-03
610861.43	4206309.03	108099.374	0.02385	0.24632	2.933436-05	2.3878E-02	610861.43	4206309.03	108099.374	0.00676	0.24632	2.933436-05	6.7866E-03
610868.43	4206309.03	102408.4031	0.02259	0.23538	2.803146-05	2.2621E-02	610868.43	4206309.03	102408.4031	0.00640	0.23538	2.803146-05	6.4296E-03
610875.43	4206309.03	97190.93454	0.02144	0.22521	2.682036-05	2.1468E-02	610875.43	4206309.03	97190.93454	0.00608	0.22521	2.682036-05	6.1022E-03
610882.43	4206309.03	92386.2745	0.02038	0.21574	2.569256-05	2.0407E-02	610882.43	4206309.03	92386.2745	0.00578	0.21574	2.569256-05	5.8008E-03
610889.43	4206309.03	87944.05025	0.01940	0.20690	2.463976-05	1.9426E-02	610889.43	4206309.03	87944.05025	0.00550	0.20690	2.463976-05	5.5228E-03
610896.43	4206309.03	83822.04921	0.01849	0.19863	2.365496-05	1.8516E-02	610896.43	4206309.03	83822.04921	0.00524	0.19863	2.365496-05	5.2634E-03
610903.43	4206309.03	79984.60499	0.01765	0.19088	2.273196-05	1.7668E-02	610903.43	4206309.03	79984.60499	0.00500	0.19088	2.273196-05	5.0206E-03
610910.43	4206309.03	76401.58617	0.01686	0.18361	2.186616-05	1.6877E-02	610910.43	4206309.03	76401.58617	0.00478	0.18361	2.186616-05	4.7977E-03
610917.43	4206309.03	73047.32967	0.01612	0.17677	2.105166-05	1.6136E-02	610917.43	4206309.03	73047.32967	0.00457	0.17677	2.105166-05	4.5873E-03
610924.43	4206309.03	69899.66952	0.01542	0.17034	2.028586-05	1.5441E-02	610924.43	4206309.03	69899.66952	0.00437	0.17034	2.028586-05	4.3897E-03
610931.43	4206309.03	66939.42424	0.01477	0.16427	1.956296-05	1.4787E-02	610931.43	4206309.03	66939.42424	0.00418	0.16427	1.956296-05	4.2040E-03
610938.43	4206309.03	64150.18822	0.01415	0.15854	1.888056-05	1.4171E-02	610938.43	4206309.03	64150.18822	0.00401	0.15854	1.888056-05	4.0289E-03
610945.43	4206309.03	61517.32059	0.01357	0.15313	1.823636-05	1.3590E-02	610945.43	4206309.03	61517.32059	0.00385	0.15313	1.823636-05	3.8637E-03
610952.43	4206309.03	59028.18835	0.01302	0.14800	1.762536-05	1.3040E-02	610952.43	4206309.03	59028.18835	0.00369	0.14800	1.762536-05	3.7075E-03
610959.43	4206309.03	56671.42557	0.01250	0.14314	1.704666-05	1.2520E-02	610959.43	4206309.03	56671.42557	0.00354	0.14314	1.704666-05	3.5596E-03
610966.43	4206309.03	54437.26508	0.01201	0.13853	1.649766-05	1.2026E-02	610966.43	4206309.03	54437.26508	0.00340	0.13853	1.649766-05	3.4194E-03
610973.43	4206309.03	52316.66462	0.01154	0.13415	1.597586-05	1.1558E-02	610973.43	4206309.03	52316.66462	0.00327	0.13415	1.597596-05	3.2863E-03
610980.43	4206309.03	50301.84455	0.01110	0.12999	1.548056-05	1.1110E-02	610980.43	4206309.03	50301.84455	0.00314	0.12999	1.548056-05	3.1599E-03
610987.43	4206309.03	48385.52875	0.01067	0.12603	1.500896-05	1.0690E-02	610987.43	4206309.03	48385.52875	0.00302	0.12603	1.500896-05	3.0396E-03
610994.43	4206309.03	46561.40061	0.01027	0.12226	1.456006-05	1.0287E-02	610994.43	4206309.03	46561.40061	0.00291	0.12226	1.456006-05	2.9251E-03
611001.43	4206309.03	44821.5053	0.00989	0.11866	1.413126-05	9.9028E-03	611001.43	4206309.03	44821.5053	0.00280	0.11866	1.413126-05	2.8161E-03
611008.43	4206309.03	43166.58034	0.00952	0.11523	1.37228E-05	9.5369E-03	611008.43	4206309.03	43166.58034	0.00270	0.11523	1.37228E-05	2.7121E-03
611036.43	4206309.03	37257.265	0.00822	0.10294	1.225916-05	8.2317E-03	611036.43	4206309.03	37257.265	0.00233	0.10294	1.225916-05	2.3412E-03
611043.43	4206309.03	35939.91091	0.00793	0.10019	1.19316E-05	7.9408E-03	611043.43	4206309.03	35939.91091	0.00225	0.10019	1.19316E-05	2.2585E-03
611050.43	4206309.03	34679.58484	0.00765	0.09756	1.161846-05	7.6624E-03	611050.43	4206309.03	34679.58484	0.00217	0.09756	1.161846-05	2.1794E-03
611057.43	4206309.03	33473.40615	0.00738	0.09503	1.131726-05	7.3960E-03	611057.43	4206309.03	33473.40615	0.00209	0.09503	1.131726-05	2.1037E-03
611064.43	4206309.03	32318.49987	0.00713	0.09260	1.102776-05	7.1409E-03	611064.43	4206309.03	32318.49987	0.00202	0.09260	1.102776-05	2.0313E-03
611071.43	4206309.03	31212.19305	0.00689	0.09027	1.075036-05	6.8966E-03	611071.43	4206309.03	31212.19305	0.00195	0.09027	1.075036-05	1.9618E-03
611078.43	4206309.03	30152.16119	0.00665	0.08803	1.048356-05	6.6625E-03	611078.43	4206309.03	30152.16119	0.00188	0.08803	1.048356-05	1.8953E-03
611085.43	4206309.03	29136.12798	0.00643	0.08587	1.022636-05	6.4381E-03	611085.43	4206309.03	29136.12798	0.00182	0.08587	1.022636-05	1.8315E-03
611092.43	4206309.03	28161.83149	0.00621	0.08380	9.979756-06	6.2226E-03	611092.43	4206309.03	28161.83149	0.00176	0.08380	9.979756-06	1.7704E-03
610294.43	4206330.03	3258.03994	0.00072	8.73494	1.040256-03	1.7590E-03	610294.43	4206330.03	3258.03994	0.00020	8.73494	1.040256-03	1.2439E-03
610301.43	4206330.03	3348.06891	0.00074	8.77188	1.044646-03	1.7833E-03	610301.43	4206330.03	3348.06891	0.00021	8.77188	1.044646-03	1.2539E-03
610308.43	4206330.03	3442.13498	0.00076	8.80962	1.049146-03	1.8085E-03	610308.43	4206330.03	3442.13498	0.00022	8.80962	1.049146-03	1.2643E-03
610315.43	4206330.03	3540.75004	0.00078	8.84819	1.053736-03	1.8349E-03	610315.43	4206330.03	3540.75004	0.00022	8.84819	1.053736-03	1.2751E-03
610322.43	4206330.03	3643.57626	0.00080	8.88719	1.058386-03	1.8622E-03	610322.43	4206330.03	3643.57626	0.00023	8.88719	1.058386-03	1.2861E-03
610329.43	4206330.03	3751.54815	0.00083	8.92481	1.062866-03	1.8905E-03	610329.43	4206330.03	3751.54815	0.00023	8.92481	1.062866-03	1.2974E-03
610336.43	4206330.03	3864.28592	0.00085	8.96678	1.067856-03	1.9204E-03	610336.43	4206330.03	3864.28592	0.00024	8.96678	1.067856-03	1.3094E-03
610343.43	4206330.03	3981.62844	0.00088	8.99749	1.071516-03	1.9508E-03	610343.43	4206330.03	3981.62844	0.00025	8.99749	1.071516-03	1.3207E-03
610350.43	4206330.03	4113.39637	0.00091	9.02931	1.075306-03	1.9828E-03	610350.43	4206330.03	4113.39637	0.00026	9.02931	1.075306-03	1.3324E-03
610357.43	4206330.03	4247.67632	0.00094	9.06030	1.078996-03	2.0161E-03	610357.43	4206330.03	4247.67632	0.00027	9.06030	1.078996-03	1.3445E-03
610364.43	4208330.03	4388.93446	0.00097	9.09770	1.083776-03	2.0506E-03	610364.43	4206330.03	4388.93446	0.00027	9.09770	1.083776-03	1.3567E-03
610371.43	4206330.03	4537.69695	0.00100	9.11781	1.085846-03	2.0869E-03	610371.43	4206330.03	4537.69695	0.00028	9.11781	1.085846-03	1.3695E-03
610378.43	4206330.03	4694.50401	0.00104	9.15110	1.089816-03	2.1255E-03	610378.43	4206330.03	4694.50401	0.00029	9.15110	1.089816-03	1.3835E-03
610385.43	4206330.03	4859.92113	0.00107	9.18627	1.093996-03	2.1662E-03	610385.43	4206330.03	4859.92113	0.00030	9.18627	1.093996-03	1.3978E-03
610392.43	4206330.03	5034.58429	0.00111	9.21866	1.097856-03	2.2085E-03	610392.43	4206330.03	5034.58429	0.00031	9.21866	1.097856-03	1.4126E-03
610399.43	4206330.03	5219.25175	0.00115	9.24901	1.101476-03	2.2529E-03	610399.43	4206330.03	5219.25175	0.00033	9.24901	1.101476-03	1.4277E-03
610406.43	4206330.03	5414.71331	0.00119	9.28207	1.105406-03	2.3000E-03	610406.43	4206330.03	5414.71331	0.00034	9.28207	1.105406-03	1.4439E-03
610413.43	4206330.03	5621.72688	0.00124	9.31890	1.109796-03	2.3500E-03	610413.43	4206330.03	5621.72688	0.00035	9.31890	1.109796-03	1.4612E-03
610420.43	4206330.03	5841.34906	0.00129	9.35461	1.114046-03	2.4027E-03	610420.43	4206330.03	5841.34906	0.00037	9.35461	1.114046-03	1.4792E-03
610427.43	4206330.03	6074.56495	0.00134	9.38649	1.117846-03	2.4580E-03	610427.43	4206330.03	6074.56495	0.00038	9.38649	1.117846-03	1.4976E-03
610434.43	4206330.03	6322.50073	0.00139	9.41855	1.121666-03	2.5165E-03	610434.43	4206330.03	6322.50073	0.00040	9.41855	1.121666-03	1.5169E-03
610441.43	4206330.03	6586.50051	0.00145	9.45587	1.126106-03	2.5792E-03	610441.43	4206330.03	6586.50051	0.00041	9.45587	1.126106-03	1.5378E-03
610448.43	4206330.03	6867.96173	0.00152	9.49660	1.130956-03	2.6461E-03	610448.43	4206330.03	6867.96173	0.00043	9.49660	1.130956-03	1.5603E-03
610455.43	4206330.03	7168.46652	0.00158	9.53586	1.135636-03	2.7171E-03	610455.43	4206330.03	7168.46652	0.00045	9.53586	1.135636-03	1.5837E-03
610462.43	4206330.03	7489.90371	0.00165	9.57424	1.140206-03	2.7926E-03	610462.43	4206330.03	7489.90371	0.00047	9.57424	1.140206-03	1.6084E-03
610469.43	4206330.03	7834.27631	0.00173	9.61697	1.145296-03	2.8736E-03	610469.43	4206330.03	7834.27631	0.00049	9.61697	1.145296-03	1.6350E-03
610476.43	4206330.03	8203.73577	0.00181	9.66510	1.151026-03	2.9609E-03	610476.43	4206330.03	8203.73577	0.00051	9.66510	1.151026-03	1.6638E-03
610497.43	4206330.03	9491.93043	0.00209	9.79300	1.166256-03	3.2601E-03	610497.43	4206330.03	9491.93043	0.00059	9.79300	1.166256-03	1.7596E-03
610504.43	4206330.03	9992.80326	0.00220	9.83830	1.171646-03	3.3762E-03	610504.43	4206330.03	9992.80326	0.00062	9.83830	1.171646-03	1.7963E-03
610511.43	4206330.03	10536.6255	0.00232	9.88626	1.177366-03	3.5019E-03	610511.43	4206330.03	10536.6255	0.00066	9.88626	1.177366

610672.43	4206337.03	99177.73137	0.02188	5.64432	6.721838-04	2.25526-02	610672.43	4206337.03	99177.73137	0.00620	5.64432	6.721838-04	6.871BE-03	
610679.43	4206337.03	110871.7268	0.02446	4.74095	5.646008-04	2.50246-02	610679.43	4206337.03	110871.7268	0.00693	4.74095	5.646008-04	7.495ZE-03	
610686.43	4206337.03	121837.9164	0.02688	3.85999	4.596878-04	2.73398-02	610686.43	4206337.03	121837.9164	0.00762	3.85999	4.596878-04	8.075BE-03	
610294.43	4206344.03	3080.03573	0.00068	5.23918	6.23935E-04	1.30346-03	610294.43	4206344.03	3080.03573	0.00019	5.23918	6.23935E-04	8.1647E-04	
610301.43	4206344.03	3162.67949	0.00070	5.25896	6.26290E-04	1.32406-03	610301.43	4206344.03	3162.67949	0.00020	5.25896	6.26290E-04	8.2399E-04	
610308.43	4206344.03	3248.65882	0.00072	5.28026	6.28827E-04	1.34556-03	610308.43	4206344.03	3248.65882	0.00020	5.28026	6.28827E-04	8.3150E-04	
610315.43	4206344.03	3338.63742	0.00074	5.29970	6.31142E-04	1.36776-03	610315.43	4206344.03	3338.63742	0.00021	5.29970	6.31142E-04	8.3984E-04	
610322.43	4206344.03	3432.35775	0.00076	5.31976	6.33531E-04	1.39086-03	610322.43	4206344.03	3432.35775	0.00021	5.31976	6.33531E-04	8.4809E-04	
610329.43	4206344.03	3530.29879	0.00078	5.33920	6.35846E-04	1.41476-03	610329.43	4206344.03	3530.29879	0.00022	5.33920	6.35846E-04	8.5653E-04	
610336.43	4206344.03	3633.04062	0.00080	5.35681	6.37943E-04	1.43946-03	610336.43	4206344.03	3633.04062	0.00023	5.35681	6.37943E-04	8.6505E-04	
610343.43	4206344.03	3743.13294	0.00083	5.36493	6.38910E-04	1.46476-03	610343.43	4206344.03	3743.13294	0.00023	5.36493	6.38910E-04	8.7288E-04	
610350.43	4206344.03	3858.9023	0.00085	5.37201	6.39753E-04	1.49116-03	610350.43	4206344.03	3858.9023	0.00024	5.37201	6.39753E-04	8.8097E-04	
610357.43	4206344.03	3980.28462	0.00088	5.37954	6.40650E-04	1.51886-03	610357.43	4206344.03	3980.28462	0.00025	5.37954	6.40650E-04	8.8946E-04	
610364.43	4206344.03	4107.79486	0.00091	5.38786	6.41641E-04	1.54766-03	610364.43	4206344.03	4107.79486	0.00026	5.38786	6.41641E-04	8.9842E-04	
610371.43	4206344.03	4241.70333	0.00094	5.39723	6.42757E-04	1.57856-03	610371.43	4206344.03	4241.70333	0.00027	5.39723	6.42757E-04	9.0791E-04	
610378.43	4206344.03	4382.53342	0.00097	5.40753	6.43983E-04	1.61086-03	610378.43	4206344.03	4382.53342	0.00027	5.40753	6.43983E-04	9.1794E-04	
610385.43	4206344.03	4530.80727	0.00100	5.41859	6.45301E-04	1.64496-03	610385.43	4206344.03	4530.80727	0.00028	5.41859	6.45301E-04	9.2852E-04	
610392.43	4206344.03	4686.94025	0.00103	5.43025	6.46689E-04	1.68076-03	610392.43	4206344.03	4686.94025	0.00029	5.43025	6.46689E-04	9.3967E-04	
610399.43	4206344.03	4851.60491	0.00107	5.44239	6.48135E-04	1.71856-03	610399.43	4206344.03	4851.60491	0.00030	5.44239	6.48135E-04	9.5143E-04	
610406.43	4206344.03	5025.35985	0.00111	5.45491	6.49626E-04	1.75836-03	610406.43	4206344.03	5025.35985	0.00031	5.45491	6.49626E-04	9.6376E-04	
610413.43	4206344.03	5208.84994	0.00115	5.46772	6.51151E-04	1.80036-03	610413.43	4206344.03	5208.84994	0.00033	5.46772	6.51151E-04	9.7676E-04	
610420.43	4206344.03	5402.87862	0.00119	5.48075	6.52703E-04	1.84476-03	610420.43	4206344.03	5402.87862	0.00034	5.48075	6.52703E-04	9.9044E-04	
610427.43	4206344.03	5608.20124	0.00124	5.49403	6.54285E-04	1.89156-03	610427.43	4206344.03	5608.20124	0.00035	5.49403	6.54285E-04	1.0049E-03	
610434.43	4206344.03	5825.75592	0.00129	5.50756	6.55896E-04	1.94116-03	610434.43	4206344.03	5825.75592	0.00036	5.50756	6.55896E-04	1.0201E-03	
610441.43	4206344.03	6056.4996	0.00134	5.52141	6.57545E-04	1.9937E-03	610441.43	4206344.03	6056.4996	0.00038	5.52141	6.57545E-04	1.0361E-03	
610448.43	4206344.03	6301.46147	0.00139	5.53560	6.59235E-04	2.04946-03	610448.43	4206344.03	6301.46147	0.00039	5.53560	6.59235E-04	1.0531E-03	
610455.43	4206344.03	6561.90108	0.00145	5.55030	6.60886E-04	2.10806-03	610455.43	4206344.03	6561.90108	0.00041	5.55030	6.60886E-04	1.0712E-03	
610462.43	4206344.03	6839.13405	0.00151	5.56564	6.62613E-04	2.17166-03	610462.43	4206344.03	6839.13405	0.00043	5.56564	6.62613E-04	1.0903E-03	
610469.43	4206344.03	7134.72958	0.00157	5.58159	6.64712E-04	2.23876-03	610469.43	4206344.03	7134.72958	0.00045	5.58159	6.64712E-04	1.1107E-03	
610476.43	4206344.03	7450.24361	0.00164	5.59796	6.66662E-04	2.31036-03	610476.43	4206344.03	7450.24361	0.00047	5.59796	6.66662E-04	1.1324E-03	
610497.43	4206344.03	8536.46521	0.00188	5.64720	6.72526E-04	2.55586-03	610497.43	4206344.03	8536.46521	0.00053	5.64720	6.72526E-04	1.2061E-03	
610504.43	4206344.03	8953.23264	0.00198	5.66316	6.74426E-04	2.64966-03	610504.43	4206344.03	8953.23264	0.00056	5.66316	6.74426E-04	1.2341E-03	
610511.43	4206344.03	9402.28785	0.00207	5.67870	6.76277E-04	2.75086-03	610511.43	4206344.03	9402.28785	0.00059	5.67870	6.76277E-04	1.2640E-03	
610518.43	4206344.03	9887.23079	0.00218	5.69361	6.78053E-04	2.87036-03	610518.43	4206344.03	9887.23079	0.00062	5.69361	6.78053E-04	1.2961E-03	
610525.43	4206344.03	10412.32592	0.00230	5.70786	6.79750E-04	2.97686-03	610525.43	4206344.03	10412.32592	0.00065	5.70786	6.79750E-04	1.3306E-03	
610532.43	4206344.03	10982.35104	0.00242	5.72130	6.81350E-04	3.1042E-03	610532.43	4206344.03	10982.35104	0.00069	5.72130	6.81350E-04	1.3679E-03	
610539.43	4206344.03	11603.22099	0.00256	5.73377	6.82835E-04	3.2427E-03	610539.43	4206344.03	11603.22099	0.00073	5.73377	6.82835E-04	1.4082E-03	
610546.43	4206344.03	12281.48155	0.00271	5.74508	6.84182E-04	3.3936E-03	610546.43	4206344.03	12281.48155	0.00077	5.74508	6.84182E-04	1.4519E-03	
610553.43	4206344.03	13025.20621	0.00287	5.75505	6.85370E-04	3.5589E-03	610553.43	4206344.03	13025.20621	0.00081	5.75505	6.85370E-04	1.4996E-03	
610560.43	4206344.03	13853.52051	0.00306	5.76088	6.86064E-04	3.7423E-03	610560.43	4206344.03	13853.52051	0.00087	5.76088	6.86064E-04	1.5521E-03	
610567.43	4206344.03	14780.75576	0.00326	5.76372	6.86402E-04	3.9472E-03	610567.43	4206344.03	14780.75576	0.00092	5.76372	6.86402E-04	1.6103E-03	
610574.43	4206344.03	15809.87934	0.00349	5.76642	6.86724E-04	4.1746E-03	610574.43	4206344.03	15809.87934	0.00099	5.76642	6.86724E-04	1.6750E-03	
610581.43	4206344.03	16962.85108	0.00374	5.76777	6.86884E-04	4.4291E-03	610581.43	4206344.03	16962.85108	0.00106	5.76777	6.86884E-04	1.7472E-03	
610588.43	4206344.03	18256.80496	0.00403	5.76823	6.86939E-04	4.7146E-03	610588.43	4206344.03	18256.80496	0.00114	5.76823	6.86939E-04	1.8282E-03	
610595.43	4206344.03	19724.33773	0.00435	5.76528	6.85588E-04	5.0380E-03	610595.43	4206344.03	19724.33773	0.00123	5.76528	6.86588E-04	1.9196E-03	
610602.43	4206344.03	21401.89138	0.00472	5.75751	6.85563E-04	5.4072E-03	610602.43	4206344.03	21401.89138	0.00134	5.75751	6.85663E-04	2.0235E-03	
610609.43	4206344.03	23150.12455	0.00515	5.74389	6.84043E-04	5.8354E-03	610609.43	4206344.03	23150.12455	0.00146	5.74389	6.84043E-04	2.1437E-03	
610616.43	4206344.03	25680.7921	0.00567	5.72073	6.81282E-04	6.3468E-03	610616.43	4206344.03	25680.7921	0.00161	5.72073	6.81282E-04	2.2866E-03	
610623.43	4206344.03	28523.01939	0.00629	5.68730	6.77301E-04	6.9699E-03	610623.43	4206344.03	28523.01939	0.00178	5.68730	6.77301E-04	2.4603E-03	
610630.43	4206344.03	32044.32128	0.00707	5.63829	6.71405E-04	7.7408E-03	610630.43	4206344.03	32044.32128	0.00200	5.63829	6.71405E-04	2.6740E-03	
610637.43	4206344.03	36488.06545	0.00805	5.57219	6.63593E-04	8.7134E-03	610637.43	4206344.03	36488.06545	0.00228	5.57219	6.63593E-04	2.9445E-03	
610644.43	4206344.03	42319.98036	0.00934	5.47373	6.51867E-04	9.9882E-03	610644.43	4206344.03	42319.98036	0.00265	5.47373	6.51867E-04	3.2973E-03	
610651.43	4206344.03	49698.35638	0.01096	5.33029	6.34795E-04	1.1598E-02	610651.43	4206344.03	49698.35638	0.00311	5.33029	6.34795E-04	3.7414E-03	
610658.43	4206344.03	58375.82093	0.01288	5.12691	6.10564E-04	1.3488E-02	610658.43	4206344.03	58375.82093	0.00365	5.12691	6.10564E-04	4.2596E-03	
610665.43	4206344.03	68586.37375	0.01496	4.85815	5.78508E-04	1.5534E-02	610665.43	4206344.03	68586.37375	0.00979	4.85815	5.78508E-04	4.8161E-03	
610672.43	4206344.03	77394.7381	0.01707	4.49268	5.35034E-04	1.7609E-02	610672.43	4206344.03	77394.7381	0.00484	4.49268	5.35034E-04	5.3730E-03	
610679.43	4206344.03	86937.86345	0.01918	4.00396	4.76832E-04	1.9657E-02	610679.43	4206344.03	86937.86345	0.00543	4.00396	4.76832E-04	5.9113E-03	
610686.43	4206344.03	96152.30849	0.02121	3.46250	4.12350E-04	2.1625E-02	610686.43	4206344.03	96152.30849	0.00601	3.46250	4.12350E-04	6.4228E-03	
610693.43	4206344.03	104913.6028	0.02315	2.95223	3.51581E-04	2.3497E-02	610693.43	4206344.03	104913.6028	0.00656	2.95223	3.51581E-04	6.9098E-03	
610700.43	4206344.03	113150.5393	0.02496	2.51399	2.99391E-04	2.5262E-02	610700.43	4206344.03	113150.5393	0.00707	2.51399	2.99391E-04	7.3725E-03	
610707.43	4206344.03	121011.5115	0.02670	2.15321	2.56426E-04	2.6953E-02	610707.43	4206344.03	121011.5115	0.00756	2.15321	2.56426E-04	7.8208E-03	
610714.43	4206344.03	128501.6357	0.02835	1.86086	2.21610E-04	2.8571E-02	610714.43	4206344.03	128501.6357	0.00803	1.86086	2.21610E-04	8.2543E-03	
610721.43	4206344.03	135321.5284	0.02985	1.62422	1.93429E-04	3.0047E-02	610721.43	4206344.03	135321.5284	0.00846	1.62422	1.93429E-04	8.6524E-03	
610728.43	4206344.03	141619.4817	0.03124	1.43101	1.70419E-04	3.1414E-02	610728.43	4206344.03	141619.4817	0.00885	1.43101	1.70419E-04	9.0231E-03	
610735.43	4206344.03	147254.3594	0.03249	1.27141	1.51412E-04	3.2638E-02	610735.43	4206344.03	147254.3594	0.00920	1.27141	1.51412E-04	9.3563E-03	
610742.43	4206344.03	152002.4739	0.03353	1.13805	1.35531E-04	3.3668E-02	610742.43	4206344.03	152002.4739	0.00950	1.13805	1.35531E-04	9.6372E-03	
610749.43	4206344.03	155663.5934	0.03434	1.02548	1.22125E-04	3.4464E-02	610749.43	4206344.03	155663.5934	0.00973	1.02548	1.22125E-04	9.8527E-03	
610756.43	4206344.03	158314.1794	0.03493	0.92964	1.10711E-04	3.5037E-02	610756.43	4206344.03	158314.1794	0.00990	0.92964	1.10711E-04	1.0007E-02	
610763.43	4206344.03	159395.7853	0.03516	0.84738	1.00915E-04	3.5266E-02	610763.43	4206344.03	159395.7853	0.00996	0.84738	1.00915E-04	1.0065E-02	
610770.43	4206344.03	158908.8202	0.03506	0.77616	9.24330E-05	3.5150E-02	610770.43	4206344.03	158908.8202	0.00993	0.77616	9.24330E-05	1.0026E-02	
610777.43	4206344.03	156676.3775	0.03456	0.71411	8.50434E-05	3.4650E-02	610777.43	4206344.03	156676.3775	0.00979	0.71411	8.50434E-05	9.8780E-03	
610784.43	4206344.03	152481.1192	0.03364	0.65968	7.85614E-05	3.3718E-02	610784.43	4206344.03	152481.1192	0.00953	0.65968	7.85614E-05	9.6102E-03	
610791.43	4206344.03	146990.524	0.03243	0.61163	7.28391E-05	3.2501E-02	610791.43	4206344.03	146990.524	0.00919	0.61163	7.28391E-05	9.2612E-03	
610798.43	4206344.03	140867.4778	0.03108	0.56897	6.77587E-05	3.1145E-02	610798.43	4206344.03	140867.4778	0.00881	0.56897	6.77587E-05	8.8734E-03	
610805.43	4206344.03	134539.4342	0.02968	0.53089	6.32238E-05	2.9744E-02	610805.43	4206344.03	134539.4342	0.00841	0.53089	6.32238E-05	8.4733E-03	
610812.43	4206344.03	128294.0353	0.02830	0.49673	5.91556E-05	2.8363E-02	610812.43	4206344.03	128294.0353	0.00802	0.49673	5.91556E-05	8.0788E-03	
610833.43	4206344.03	111173.9126	0.02453	0.41290	4.91723E-05	2.4576E-02	610833.43	4206344.03	111173.9126	0.00695	0.41290	4.91723E-05	6.9987E-03	
610840.43	4206344.03	106111.9147	0.02341	0.38989	4.64320E-05	2.3456E-02	610840.43	4206344.03	106111.9147	0.00663	0.38989	4.64320E-05	6.6795E-03	
610847.43	4206344.03	101168.192	0.02236	0.36886	4.39276E-05	2.2407E-02	610847.43	4206344.03	101168.192	0.00634	0.36886	4.39276E-05	6.3805E-03	
610854.43	4206344.03	96929.47769	0.02138	0.34960	4.16399E-05	2.1426E-02	610854.43	4206344.03	96929.47769	0.00606	0.34960	4.16399E-05	6.1007E-03	
610861.43	4206344.03	92769.84606	0.02047	0.33190	3.95260E-05	2.0506E-02	610861.43	4206344.03	92769.84606	0.00580	0.33190	3.95260E-05	5.8186E-03	
610868.43	4206344.03	88864.03306	0.01960	0.31557	3.75813E-05	1.9642E-02	610868.43	4206344.03	88864.03306	0.00555	0.31557	3.75813E-05	5.5925E-03	
610875.43	4206344.03	85192.1455	0.01879	0.30049	3.57854E-05	1.8830E-02	610875.43	4206344.03	85192.1455	0.00533	0.30049	3.57854E-05	5.3612E-03	
610882.43	4206344.03	81735.34994	0.01803	0.28652	3.41217E-05	1.8066E-02	610882.43	4206344.03	81735.34994	0.00511	0.28652	3.41217E-05	5.1434E-03	
610889.43	4206344.03	78476.20398	0.01731	0.27355	3.25771E-05	1.7346E-02	610889.43	4206344.03	78476.20398	0.00491	0.27355	3.25771E-05	4.9381E-03	
610896.43	4206344.03	75398.70846	0.01663	0.26149	3.11409E-05	1.6665E-02	610896.43	4206344.03	75398.70846	0.00471	0.26149	3.11409E-05	4.7443E-03	
610903.43	4206344.03	72488.293	0.01599	0.25024	2.98011E-05	1.6022E-02	610903.43	4206344.03	72488.293	0.00453	0.25024	2.98011E-05	4.5631E-03	
610910.43	4206344.03	69731.80291	0.01538	0.23974	2.85507E-05	1.5412E-02	610910.43	4206344.03	69731.80291	0.00436	0.23974	2.85507E-05	4.3875E-03	
610917.43	4206344.03	67117.41526	0.01481	0.22992	2.73812E-05	1.4834E-02	610917.43	4206344.03	67117.41526	0.00420	0.22992	2.73812E-05	4.2226E-03	
610924.43	4206344.03	64634.51464	0.01426	0.22071	2.62844E-05	1.4286E-02	610924.43	4206344.03	64634.51464	0.00404	0.22071	2.62844E-05	4.0666E-03	
610931.43	4206344.03	62273.14121	0.01374	0.21208	2.52566E-05	1.3764E-02	610931.43	4206344.03	62273.14121	0.00389	0.21208	2.52566E-05	3.9180E-03	
610938.43	4206344.03	60024.93376	0.01324	0.20396	2.42896E-05	1.3267E-02	610938.43	4206344.03	60024.93376	0.00375	0.20396	2.42896E-05	3.7765E-03	
610945.43	4206344.03	57882.10013	0.01277	0.19632	2.33798E-05	1.2793E-02	610945.43	4206344.03	57882.10013	0.00362	0.19632	2.33798E-05	3.6416E-03	
610952.43	4206344.03	55837.40559	0.01232	0.18911	2.25211E-05	1.2341E-02	610952.43	4206344.03	55837.40559	0.00349	0.18911	2.25211E-05	3.5128E-03	
610959.43	4206344.03	53884.62857	0.01189	0.18232	2.17125E-05	1.1908E-02	610959.43	4206344.03	53884.62857	0.00337	0.18232	2.17125E-05	3.3901E-03	
610966.43	4206344.03	52017.82042	0.01148	0.17590	2.09480E-05	1.1497E-02	610966.43	4206344.03	52017.82042	0.00325	0.17590	2.09480E-05	3.2726E-03	
610973.43	4206344.03	50231.88475	0.01108	0.16982	2.02239E-05	1.1102E-02	610973.43	4206344.03	50231.88475	0.00314	0.16982	2.02239E-05	3.1602E-03	
610980.43	4206344.03	48522.01951	0.01070	0.16406	1.95379E-05	1.0724E-02	610980.43	4206344.03	48522.01951	0.00303	0.16406	1.95379E-05	3.0527E-03	
610987.43	4206344.03	46883.6928	0.01034	0.15861	1.88889E-05	1.0362E-02	610987.43	4206344.03	46883.6928	0.00293	0.15861	1.88889E-05	2.9496E-03	
610994.43	4206344.03	45313.14983	0.01000	0.15343	1.82720E-05	1.0015E-02	610994.43	4206344.03	45313.14983	0.00283	0.15343	1.82720E-05	2.8508E-03	
611001.43	4206344.03	43806.60175	0.00966	0.14851	1.76861E-05	9.6820E-03	611001.43	4206344.03	43806.60175	0.00274	0.14851	1.76861E-05	2.7560E-03	
611008.43	4206344.03	42360.67406	0.00935	0.14383	1.71287E-05	9.3625E-03	611008.43	4206344.03	42360.67406	0.00265	0.14383	1.71287E-05	2.6651E-03	
611029.43	4206344.03	38356.55383	0.00846	0.13109	1.56115E-05	8.4776E-03	611029.43	4206344.03	38356.55383	0.00240	0.13109	1.56115E-05	2.4133E-03	
611036.43	4206344.03	37124.11581	0.00819	0.12722	1.51506E-05	8.2052E-03	611036.43	4206344.03	37124.11581	0.00232	0.12722	1.51506E-05	2.3358E-03	
611043.43	4206344.03	35938.88137	0.00793	0.12354	1.47124E-05	7.9438E-03	611043.43	4206344.03	35938.88137	0.00225	0.12354	1.47124E-05	2.2613E-03	
611050.43	4206344.03	34798.444	0.00768	0.12001	1.42920E-05	7.6913E-03	611050.43	4206344.03	34798.444	0.00218	0.12001	1.42920E-05	2.1895E-03	
611057.43	4206344.03	33701.10228	0.00743	0.11664	1.38907E-05	7.4488E-03	611057.43	4206344.03	33701.10228	0.00211	0.11664	1.38907E-05	2.1206E-03	
611064.43	4206344.03	32644.65953	0.00720	0.11341	1.35060E-05	7.2154E-03	611064.43	4206344.03	32644.65953	0.00204	0.11341	1.35060E-05	2.0541E-03	
611078.43	4206344.03	30647.56586	0.00676	0.10736	1.27855E-05	6.7741E-03	611078.43	4206344.03	30647.56586	0.00192	0.10736	1.27855E-05	1.9286E-03	
611085.43	4206344.03	29703.76766	0.00655	0.10451	1.24461E-05	6.5659E-03	611085.43	4206344.03	29703.76766	0.00186	0.10451	1.24461E-05	1.8692E-03	
611092.43	4206344.03	28794.17947	0.00635	0.10179	1.21222E-05	6.3645E-03	611092.43	4206344.03	28794.17947	0.00180	0.10179	1.21222E-05	1.8121E-03	
610294.43	4206351.03	2994.69533	0.00066	4.30830	5.13076E-04	1.1737E-03	610294.43	4206351.03	2994.69533	0.00019	4.30830	5.13076E-04	7.0027E-04	
610301.43	4206351.03	3073.76402	0.00068	4.32384	5.14927E-04	1.1938E-03	610301.43	4206351.03	3073.76402	0.00019	4.32384	5.14927E-04	7.0707E-04	
610308.43	4206351.03	3155.95664	0.00070	4.34076	5.16942E-04	1.2132E-03	610308.43	4206351.03	3155.95664	0.00020	4.34076	5.16942E-04	7.1422E-04	
610315.43	4206351.03	3241.67296	0.00072	4.35692	5.18860E-04	1.2306E-03	610315.43	4206351.03	3241.67296	0.00020	4.35692	5.18860E-04	7.2150E-04	
610322.43	4206351.03	3331.4066	0.00073	4.37134	5.20583E-04	1.2555E-03	610322.43	4206351.03	3331.4066	0.00021	4.37134	5.20583E-04	7.2883E-04	
610329.43	4206351.03	3424.83496	0.00076	4.38623	5.22357E-04	1.2779E-03	610329.43	4206351.03	3424.83496	0.00021	4.38623	5.22357E-04	7.3644E-04	
610336.43	4206351.03	3522.77411	0.00078	4.39916	5.23896E-04	1.3011E-03	610336.43	4206351.03	3522.77411	0.00022	4.39916	5.23896E-04	7.4411E-04	
610343.43	4206351.03	3627.67999	0.00080	4.40249	5.24293E-04	1.3246E-03	610343.43	4206351.03	3627.67999	0.00023	4.40249	5.24293E-04	7.5106E-04	
610350.43	4206351.03	3737.80569	0.00082	4.40473	5.24560E-04	1.3492E-03	610350.43	4206351.03	3737.80569	0.00023	4.40473	5.24560E-04	7.5821E-04	
610357.43	4206351.03	3853.28792	0.00085	4.40746	5.24885E-04	1.3750E-03	610357.43	4206351.03	3853.28792	0.00024	4.40746	5.24885E-04	7.6575E-04	
610364.43	4206351.03	3974.35291	0.00088	4.41094	5.25299E-04	1.4021E-03	610364.43	4206351.03	3974.35291	0.00025	4.41094	5.25299E-04	7.7374E-04	
610371.43	4206351.03	4101.44953	0.00090	4.41533	5.25822E-04	1.4307E-03	610371.43	4206351.03	4101.44953	0.00026	4.41533	5.25822E-04	7.8220E-04	
610378.43	4206351.03	4234.9771	0.00093	4.42058	5.26447E-04	1.4607E-03	610378.43	4206351.03	4234.9771	0.00026	4.42058	5.26447E-04	7.9118E-04	
610385.43	4206351.03	4375.27513	0.00097	4.42655	5.27158E-04	1.4924E-03	610385.43	4206351.03	4375.27513	0.00027	4.42655	5.27158E-04	8.0068E-04	
610392.43	4206351.03	4522.96228	0.00100	4.43308	5.27936E-04	1.5258E-03	610392.43	4206351.03	4522.96228	0.00028	4.43308	5.27936E-04	8.1067E-04	
610399.43	4206351.03	4678.43493	0.00103	4.44006	5.28767E-04	1.5609E-03	610399.43	4206351.03	4678.43493	0.00029	4.44006	5.28767E-04	8.2122E-04	
610406.43	4206351.03	4842.2777	0.00107	4.44742	5.29644E-04	1.5979E-03	610406.43	4206351.03	4842.2777	0.00030	4.44742	5.29644E-04	8.3234E-04	
610413.43	4206351.03	5015.03111	0.00111	4.45507	5.30555E-04	1.6369E-03	610413.43	4206351.03	5015.03111	0.00031	4.45507	5.30555E-04	8.4405E-04	
610420.43	4206351.03	5197.43792	0.00115	4.46294	5.31492E-04	1.6781E-03	610420.43	4206351.03	5197.43792	0.00032	4.46294	5.31492E-04	8.5638E-04	
610427.43	4206351.03	5390.14296	0.00119	4.47100	5.32452E-04	1.7216E-03	610427.43	4206351.03	5390.14296	0.00034	4.47100	5.32452E-04	8.6939E-04	
610434.43	4206351.03	5593.98974	0.00123	4.47925	5.33434E-04	1.7675E-03	610434.43	4206351.03	5593.98974	0.00035	4.47925	5.33434E-04	8.8312E-04	
610441.43	4206351.03	5809.71893	0.00128	4.48768	5.34438E-04	1.8161E-03	610441.43	4206351.03	5809.71893	0.00036	4.48768	5.34438E-04	8.9760E-04	
610448.43	4206351.03	6038.3666	0.00133	4.49630	5.35465E-04	1.8676E-03	610448.43	4206351.03	6038.3666	0.00038	4.49630	5.35465E-04	9.1252E-04	
610455.43	4206351.03	6280.93388	0.00139	4.50514	5.36518E-04	1.9222E-03	610455.43	4206351.03	6280.93388	0.00039	4.50514	5.36518E-04	9.2914E-04	
610462.43	4206351.03	6538.59647	0.00144	4.51423	5.37600E-04	1.9801E-03	610462.43	4206351.03	6538.59647	0.00041	4.51423	5.37600E-04	9.4631E-04	
610469.43	4206351.03	6812.56731	0.00150	4.52362	5.38718E-04	2.0417E-03	610469.43	4206351.03

611036.43	4206351.03	36903.76744	0.00814	0.13238	1.57651E-05	8.15726E-03	611036.43	4206351.03	36903.76744	0.00231	0.13238	1.57651E-05	2.3226E-03	
611043.43	4206351.03	35754.18194	0.00789	0.12850	1.53031E-05	7.90326E-03	611043.43	4206351.03	35754.18194	0.00224	0.12850	1.53031E-05	2.2503E-03	
611050.43	4206351.03	34646.59424	0.00764	0.12479	1.48613E-05	7.65846E-03	611050.43	4206351.03	34646.59424	0.00217	0.12479	1.48613E-05	2.1808E-03	
611057.43	4206351.03	33579.25376	0.00741	0.12124	1.44385E-05	7.42256E-03	611057.43	4206351.03	33579.25376	0.00210	0.12124	1.44385E-05	2.1135E-03	
611064.43	4206351.03	32550.32764	0.00718	0.11784	1.40336E-05	7.19516-03	611064.43	4206351.03	32550.32764	0.00203	0.11784	1.40336E-05	2.0488E-03	
611078.43	4206351.03	30601.83472	0.00675	0.11148	1.32762E-05	6.76456-03	611078.43	4206351.03	30601.83472	0.00191	0.11148	1.32762E-05	1.9262E-03	
611085.43	4206351.03	29679.14453	0.00655	0.10849	1.29201E-05	6.56055-03	611085.43	4206351.03	29679.14453	0.00186	0.10849	1.29201E-05	1.8682E-03	
611092.43	4206351.03	28789.04245	0.00635	0.10562	1.257838-05	6.36388-03	611092.43	4206351.03	28789.04245	0.00180	0.10562	1.25783E-05	1.8122E-03	
610294.43	4206358.03	2911.77112	0.00064	3.64549	4.34142E-04	1.0765E-03	610294.43	4206358.03	2911.77112	0.00018	3.64549	4.34142E-04	6.1616E-04	
610301.43	4206358.03	2987.17988	0.00066	3.65906	4.35758E-04	1.0948E-03	610301.43	4206358.03	2987.17988	0.00019	3.65906	4.35758E-04	6.2249E-04	
610308.43	4206358.03	3065.98135	0.00068	3.67152	4.37242E-04	1.1138E-03	610308.43	4206358.03	3065.98135	0.00019	3.67152	4.37242E-04	6.2880E-04	
610315.43	4206358.03	3147.88249	0.00069	3.68463	4.38803E-04	1.1333E-03	610315.43	4206358.03	3147.88249	0.00020	3.68463	4.38803E-04	6.3558E-04	
610322.43	4206358.03	3233.55558	0.00071	3.69608	4.40167E-04	1.1535E-03	610322.43	4206358.03	3233.55558	0.00020	3.69608	4.40167E-04	6.4238E-04	
610329.43	4206358.03	3322.69802	0.00073	3.70781	4.41564E-04	1.1746E-03	610329.43	4206358.03	3322.69802	0.00021	3.70781	4.41564E-04	6.4927E-04	
610336.43	4206358.03	3416.0731	0.00075	3.71774	4.42746E-04	1.1964E-03	610336.43	4206358.03	3416.0731	0.00021	3.71774	4.42746E-04	6.5629E-04	
610343.43	4206358.03	3515.88513	0.00078	3.71902	4.42899E-04	1.2186E-03	610343.43	4206358.03	3515.88513	0.00022	3.71902	4.42899E-04	6.6268E-04	
610350.43	4206358.03	3620.86522	0.00080	3.71912	4.42910E-04	1.2417E-03	610350.43	4206358.03	3620.86522	0.00023	3.71912	4.42910E-04	6.6925E-04	
610357.43	4206358.03	3730.64512	0.00082	3.71949	4.42954E-04	1.2660E-03	610357.43	4206358.03	3730.64512	0.00023	3.71949	4.42954E-04	6.7616E-04	
610364.43	4206358.03	3845.71656	0.00085	3.72050	4.43075E-04	1.2915E-03	610364.43	4206358.03	3845.71656	0.00024	3.72050	4.43075E-04	6.8347E-04	
610371.43	4206358.03	3966.30277	0.00088	3.72221	4.43278E-04	1.3183E-03	610371.43	4206358.03	3966.30277	0.00025	3.72221	4.43278E-04	6.9121E-04	
610378.43	4206358.03	4092.85752	0.00090	3.72460	4.43563E-04	1.3465E-03	610378.43	4206358.03	4092.85752	0.00026	3.72460	4.43563E-04	6.9941E-04	
610385.43	4206358.03	4225.74671	0.00093	3.72757	4.43917E-04	1.3762E-03	610385.43	4206358.03	4225.74671	0.00026	3.72757	4.43917E-04	7.0807E-04	
610392.43	4206358.03	4365.42008	0.00096	3.73104	4.44330E-04	1.4074E-03	610392.43	4206358.03	4365.42008	0.00027	3.73104	4.44330E-04	7.1721E-04	
610399.43	4206358.03	4512.24109	0.00100	3.73493	4.44793E-04	1.4403E-03	610399.43	4206358.03	4512.24109	0.00028	3.73493	4.44793E-04	7.2685E-04	
610406.43	4206358.03	4666.74789	0.00103	3.73916	4.45297E-04	1.4748E-03	610406.43	4206358.03	4666.74789	0.00029	3.73916	4.45297E-04	7.3702E-04	
610413.43	4206358.03	4829.5422	0.00107	3.74365	4.45832E-04	1.5113E-03	610413.43	4206358.03	4829.5422	0.00030	3.74365	4.45832E-04	7.4773E-04	
610420.43	4206358.03	5001.02173	0.00110	3.74835	4.46391E-04	1.5497E-03	610420.43	4206358.03	5001.02173	0.00031	3.74835	4.46391E-04	7.5901E-04	
610427.43	4206358.03	5181.99336	0.00114	3.75323	4.46973E-04	1.5902E-03	610427.43	4206358.03	5181.99336	0.00032	3.75323	4.46973E-04	7.7090E-04	
610434.43	4206358.03	5372.96871	0.00119	3.75825	4.47570E-04	1.6329E-03	610434.43	4206358.03	5372.96871	0.00034	3.75825	4.47570E-04	7.8344E-04	
610441.43	4206358.03	5574.8716	0.00123	3.76339	4.48183E-04	1.6781E-03	610441.43	4206358.03	5574.8716	0.00035	3.76339	4.48183E-04	7.9667E-04	
610448.43	4206358.03	5788.35444	0.00128	3.76862	4.48805E-04	1.7258E-03	610448.43	4206358.03	5788.35444	0.00036	3.76862	4.48805E-04	8.1064E-04	
610455.43	4206358.03	6014.41069	0.00133	3.77395	4.49440E-04	1.7763E-03	610455.43	4206358.03	6014.41069	0.00038	3.77395	4.49440E-04	8.2540E-04	
610462.43	4206358.03	6254.02887	0.00138	3.77940	4.50089E-04	1.8298E-03	610462.43	4206358.03	6254.02887	0.00039	3.77940	4.50089E-04	8.4103E-04	
610469.43	4206358.03	6508.17259	0.00144	3.78494	4.50749E-04	1.8855E-03	610469.43	4206358.03	6508.17259	0.00041	3.78494	4.50749E-04	8.5758E-04	
610476.43	4206358.03	6778.19795	0.00150	3.79053	4.51415E-04	1.9468E-03	610476.43	4206358.03	6778.19795	0.00042	3.79053	4.51415E-04	8.7512E-04	
610497.43	4206358.03	7697.40507	0.00170	3.80678	4.53350E-04	2.1515E-03	610497.43	4206358.03	7697.40507	0.00048	3.80678	4.53350E-04	9.3452E-04	
610504.43	4206358.03	8045.89284	0.00178	3.81169	4.53935E-04	2.2290E-03	610504.43	4206358.03	8045.89284	0.00050	3.81169	4.53935E-04	9.5688E-04	
610511.43	4206358.03	8418.80486	0.00186	3.81617	4.54468E-04	2.3118E-03	610511.43	4206358.03	8418.80486	0.00053	3.81617	4.54468E-04	9.8073E-04	
610518.43	4206358.03	8818.61836	0.00195	3.82012	4.54939E-04	2.4004E-03	610518.43	4206358.03	8818.61836	0.00055	3.82012	4.54939E-04	1.0082E-03	
610525.43	4206358.03	9248.10175	0.00204	3.82345	4.55335E-04	2.4956E-03	610525.43	4206358.03	9248.10175	0.00058	3.82345	4.55335E-04	1.0334E-03	
610532.43	4206358.03	9710.55415	0.00214	3.82599	4.55638E-04	2.5979E-03	610532.43	4206358.03	9710.55415	0.00061	3.82599	4.55638E-04	1.0626E-03	
610539.43	4206358.03	10209.57416	0.00225	3.82761	4.55831E-04	2.7082E-03	610539.43	4206358.03	10209.57416	0.00064	3.82761	4.55831E-04	1.0948E-03	
610546.43	4206358.03	10749.65219	0.00237	3.82817	4.55897E-04	2.8274E-03	610546.43	4206358.03	10749.65219	0.00067	3.82817	4.55897E-04	1.1279E-03	
610553.43	4206358.03	11335.67743	0.00250	3.82754	4.55822E-04	2.9566E-03	610553.43	4206358.03	11335.67743	0.00071	3.82754	4.55822E-04	1.1644E-03	
610560.43	4206358.03	11980.80798	0.00264	3.82576	4.55610E-04	3.0987E-03	610560.43	4206358.03	11980.80798	0.00075	3.82576	4.55610E-04	1.2045E-03	
610567.43	4206358.03	12693.68691	0.00280	3.82305	4.55287E-04	3.2557E-03	610567.43	4206358.03	12693.68691	0.00079	3.82305	4.55287E-04	1.2488E-03	
610574.43	4206358.03	13476.05837	0.00297	3.81886	4.54788E-04	3.4278E-03	610574.43	4206358.03	13476.05837	0.00084	3.81886	4.54788E-04	1.2972E-03	
610581.43	4206358.03	14336.63449	0.00316	3.81299	4.54089E-04	3.6169E-03	610581.43	4206358.03	14336.63449	0.00090	3.81299	4.54089E-04	1.3503E-03	
610588.43	4206358.03	15292.24595	0.00337	3.80516	4.53157E-04	3.8268E-03	610588.43	4206358.03	15292.24595	0.00096	3.80516	4.53157E-04	1.4091E-03	
610595.43	4206358.03	16357.60029	0.00361	3.79462	4.51926E-04	4.0606E-03	610595.43	4206358.03	16357.60029	0.00102	3.79462	4.51926E-04	1.4744E-03	
610602.43	4206358.03	17563.58848	0.00387	3.78069	4.50243E-04	4.3250E-03	610602.43	4206358.03	17563.58848	0.00110	3.78069	4.50243E-04	1.5481E-03	
610609.43	4206358.03	18944.72004	0.00418	3.76197	4.48013E-04	4.6275E-03	610609.43	4206358.03	18944.72004	0.00118	3.76197	4.48013E-04	1.6323E-03	
610616.43	4206358.03	20558.3885	0.00454	3.73701	4.45041E-04	4.9805E-03	610616.43	4206358.03	20558.3885	0.00129	3.73701	4.45041E-04	1.7301E-03	
610623.43	4206358.03	22467.35657	0.00496	3.70451	4.41171E-04	5.3978E-03	610623.43	4206358.03	22467.35657	0.00140	3.70451	4.41171E-04	1.8456E-03	
610630.43	4206358.03	24731.71859	0.00546	3.66400	4.36346E-04	5.8925E-03	610630.43	4206358.03	24731.71859	0.00155	3.66400	4.36346E-04	1.9823E-03	
610637.43	4206358.03	27404.78361	0.00605	3.61450	4.30451E-04	6.4763E-03	610637.43	4206358.03	27404.78361	0.00171	3.61450	4.30451E-04	2.1435E-03	
610644.43	4206358.03	30646.90009	0.00676	3.55097	4.22885E-04	7.1840E-03	610644.43	4206358.03	30646.90009	0.00192	3.55097	4.22885E-04	2.3386E-03	
610651.43	4206358.03	34559.7631	0.00762	3.47084	4.13343E-04	8.0777E-03	610651.43	4206358.03	34559.7631	0.00216	3.47084	4.13343E-04	2.5737E-03	
610658.43	4206358.03	39186.84658	0.00865	3.37092	4.01443E-04	9.0466E-03	610658.43	4206358.03	39186.84658	0.00245	3.37092	4.01443E-04	2.8510E-03	
610665.43	4206358.03	44445.67848	0.00981	3.24949	3.86982E-04	1.0192E-02	610665.43	4206358.03	44445.67848	0.00278	3.24949	3.86982E-04	3.1653E-03	
610672.43	4206358.03	50200.73919	0.01107	3.10231	3.69454E-04	1.1444E-02	610672.43	4206358.03	50200.73919	0.00314	3.10231	3.69454E-04	3.5075E-03	
610679.43	4206358.03	56224.01844	0.01240	2.92052	3.47805E-04	1.2752E-02	610679.43	4206358.03	56224.01844	0.00351	2.92052	3.47805E-04	3.8624E-03	
610686.43	4206358.03	62369.96632	0.01376	2.70383	3.21999E-04	1.4082E-02	610686.43	4206358.03	62369.96632	0.00390	2.70383	3.21999E-04	4.2208E-03	
610693.43	4206358.03	68532.81052	0.01512	2.46677	2.93768E-04	1.5413E-02	610693.43	4206358.03	68532.81052	0.00428	2.46677	2.93768E-04	4.5778E-03	
610700.43	4206358.03	74548.20305	0.01645	2.22859	2.65403E-04	1.6721E-02	610700.43	4206358.03	74548.20305	0.00466	2.22859	2.65403E-04	4.9254E-03	
610707.43	4206358.03	80533.70461	0.01777	2.00328	2.38571E-04	1.8005E-02	610707.43	4206358.03	80533.70461	0.00503	2.00328	2.38571E-04	5.2727E-03	
610714.43	4206358.03	86375.52651	0.01906	1.79858	2.14193E-04	1.9270E-02	610714.43	4206358.03	86375.52651	0.00540	1.79858	2.14193E-04	5.6135E-03	
610721.43	4206358.03	91931.57157	0.02028	1.61695	1.92563E-04	2.0474E-02	610721.43	4206358.03	91931.57157	0.00575	1.61695	1.92563E-04	5.9392E-03	
610728.43	4206358.03	97118.2564	0.02143	1.45749	1.73573E-04	2.1598E-02	610728.43	4206358.03	97118.2564	0.00607	1.45749	1.73573E-04	6.2445E-03	
610735.43	4206358.03	101966.0897	0.02250	1.31796	1.56956E-04	2.2652E-02	610735.43	4206358.03	101966.0897	0.00637	1.31796	1.56956E-04	6.5309E-03	
610742.43	4206358.03	106389.9747	0.02347	1.19608	1.42441E-04	2.3614E-02	610742.43	4206358.03	106389.9747	0.00665	1.19608	1.42441E-04	6.7929E-03	
610749.43	4206358.03	110273.4933	0.02433	1.08954	1.29753E-04	2.4458E-02	610749.43	4206358.03	110273.4933	0.00689	1.08954	1.29753E-04	7.0230E-03	
610756.43	4206358.03	113371.027	0.02501	0.99616	1.18633E-04	2.5130E-02	610756.43	4206358.03	113371.027	0.00709	0.99616	1.18633E-04	7.2055E-03	
610763.43	4206358.03	115695.3138	0.02552	0.91407	1.08857E-04	2.5633E-02	610763.43	4206358.03	115695.3138	0.00723	0.91407	1.08857E-04	7.3410E-03	
610770.43	4206358.03	117203.677	0.02586	0.84168	1.00236E-04	2.5957E-02	610770.43	4206358.03	117203.677	0.00733	0.84168	1.00236E-04	7.4267E-03	
610777.43	4206358.03	117777.6503	0.02598	0.77756	9.25997E-05	2.6076E-02	610777.43	4206358.03	117777.6503	0.00736	0.77756	9.25997E-05	7.4548E-03	
610784.43	4206358.03	117336.2683	0.02589	0.72056	8.58116E-05	2.5972E-02	610784.43	4206358.03	117336.2683	0.00733	0.72056	8.58116E-05	7.4205E-03	
610791.43	4206358.03	115942.5337	0.02558	0.66970	7.97547E-05	2.5658E-02	610791.43	4206358.03	115942.5337	0.00725	0.66970	7.97547E-05	7.3273E-03	
610798.43	4206358.03	113739.0521	0.02509	0.62413	7.43277E-05	2.5167E-02	610798.43	4206358.03	113739.0521	0.00711	0.62413	7.43277E-05	7.1842E-03	
610805.43	4206358.03	110968.2511	0.02448	0.58314	6.94462E-05	2.4551E-02	610805.43	4206358.03	110968.2511	0.00694	0.58314	6.94462E-05	7.0061E-03	
610812.43	4206358.03	107825.3529	0.02379	0.54415	6.50411E-05	2.3853E-02	610812.43	4206358.03	107825.3529	0.00674	0.54415	6.50411E-05	6.8052E-03	
610833.43	4206358.03	97561.8957	0.02152	0.45453	5.41300E-05	2.1578E-02	610833.43	4206358.03	97561.8957	0.00610	0.45453	5.41300E-05	6.1527E-03	
610840.43	4206358.03	94139.7292	0.02077	0.42920	5.11135E-05	2.0820E-02	610840.43	4206358.03	94139.7292	0.00588	0.42920	5.11135E-05	5.9358E-03	
610847.43	4206358.03	90794.75794	0.02003	0.40599	4.83494E-05	2.0079E-02	610847.43	4206358.03	90794.75794	0.00568	0.40599	4.83494E-05	5.7238E-03	
610854.43	4206358.03	87559.30233	0.01932	0.38470	4.58140E-05	1.9361E-02	610854.43	4206358.03	87559.30233	0.00547	0.38470	4.58140E-05	5.5192E-03	
610861.43	4206358.03	84437.56096	0.01863	0.36509	4.34786E-05	1.8672E-02	610861.43	4206358.03	84437.56096	0.00528	0.36509	4.34786E-05	5.3217E-03	
610868.43	4206358.03	81432.18972	0.01797	0.34699	4.13231E-05	1.8006E-02	610868.43	4206358.03	81432.18972	0.00509	0.34699	4.13231E-05	5.1317E-03	
610875.43	4206358.03	78545.49394	0.01733	0.33024	3.93283E-05	1.7368E-02	610875.43	4206358.03	78545.49394	0.00491	0.33024	3.93283E-05	4.9492E-03	
610882.43	4206358.03	75776.97665	0.01672	0.31471	3.74789E-05	1.6755E-02	610882.43	4206358.03	75776.97665	0.00474	0.31471	3.74789E-05	4.7743E-03	
610889.43	4206358.03	73124.05766	0.01613	0.30029	3.57616E-05	1.6168E-02	610889.43	4206358.03	73124.05766	0.00457	0.30029	3.57616E-05	4.6068E-03	
610896.43	4206358.03	70582.91519	0.01557	0.28686	3.41622E-05	1.5606E-02	610896.43	4206358.03	70582.91519	0.00441	0.28686	3.41622E-05	4.4463E-03	
610903.43	4206358.03	68149.19907	0.01503	0.27434	3.26712E-05	1.5067E-02	610903.43	4206358.03	68149.19907	0.00426	0.27434	3.26712E-05	4.2927E-03	
610910.43	4206358.03	65818.08302	0.01452	0.26265	3.12790E-05	1.4552E-02	610910.43	4206358.03	65818.08302	0.00411	0.26265	3.12790E-05	4.1456E-03	
610917.43	4206358.03	63584.65524	0.01403	0.25172	2.99774E-05	1.4058E-02	610917.43	4206358.03	63584.65524	0.00397	0.25172	2.99774E-05	4.0047E-03	
610924.43	4206358.03	61444.0256	0.01356	0.24147	2.87567E-05	1.3584E-02	610924.43	4206358.03	61444.0256	0.00384	0.24147	2.87567E-05	3.8696E-03	
610931.43	4206358.03	59391.48436	0.01310	0.23185	2.76110E-05	1.3130E-02	610931.43	4206358.03	59391.48436	0.00371	0.23185	2.76110E-05	3.7402E-03	
610938.43	4206358.03	57422.38097	0.01267	0.22281	2.65345E-05	1.2695E-02	610938.43	4206358.03	57422.38097	0.00359	0.22281	2.65345E-05	3.6160E-03	
610945.43	4206358.03	55532.44697	0.01225	0.21431	2.55222E-05	1.2277E-02	610945.43	4206358.03	55532.44697	0.00347	0.21431	2.55222E-05	3.4969E-03	
610952.43	4206358.03	53717.61774	0.01185	0.20629	2.45671E-05	1.1875E-02	610952.43	4206358.03	53717.61774	0.00336	0.20629	2.45671E-05	3.3825E-03	
610959.43	4206358.03	51973.9903	0.01147	0.19873	2.36668E-05	1.1490E-02	610959.43	4206358.03	51973.9903	0.00325	0.19873	2.36668E-05	3.2726E-03	
610966.43	4206358.03	50298.11093	0.01110	0.19159	2.28165E-05	1.1119E-02	610966.43	4206358.03	50298.11093	0.00314	0.19159	2.28165E-05	3.1670E-03	
610973.43	4206358.03	48686.47345	0.01074	0.18484	2.20126E-05	1.0763E-02	610973.43	4206358.03	48686.47345	0.00304	0.18484	2.20126E-05	3.0654E-03	
610980.43	4206358.03	47136.05427	0.01040	0.17844	2.12504E-05	1.0420E-02	610980.43	4206358.03	47136.05427	0.00295	0.17844	2.12504E-05	2.9677E-03	
610987.43	4206358.03	45643.88377	0.01007	0.17238	2.05288E-05	1.0090E-02	610987.43	4206358.03	45643.88377	0.00285	0.17238	2.05288E-05	2.8737E-03	
610994.43	4206358.03	44207.20204	0.00975	0.16664	1.98452E-05	9.7728E-03	610994.43	4206358.03	44207.20204	0.00276	0.16664	1.98452E-05	2.7832E-03	
611001.43	4206358.03	42823.56602	0.00945	0.16118	1.91949E-05	9.4667E-03	611001.43	4206358.03	42823.56602	0.00268	0.16118	1.91949E-05	2.6961E-03	
611008.43	4206358.03	41490.41548	0.00915	0.15599	1.85769E-05	9.1719E-03	611008.43	4206358.03	41490.41548	0.00259	0.15599	1.85769E-05	2.6122E-03	
611029.43	4206358.03	37772.91035	0.00833	0.14187	1.68953E-05	8.3501E-03	611029.43	4206358.03	37772.91035	0.00236	0.14187	1.68953E-05	2.3781E-03	
611036.43	4206358.03	36621.11914	0.00808	0.13760	1.63868E-05	8.0955E-03	611036.43	4206358.03	36621.11914	0.00229	0.13760	1.63868E-05	2.3056E-03	
611043.43	4206358.03	35509.85976	0.00783	0.13352	1.59009E-05	7.8498E-03	611043.43	4206358.03	35509.85976	0.00222	0.13352	1.59009E-05	2.2356E-03	
611050.43	4206358.03	34437.66514	0.00760	0.12962	1.54365E-05	7.6128E-03	611050.43	4206358.03	34437.66514	0.00215	0.12962	1.54365E-05	2.1681E-03	
611057.43	4206358.03	33402.80223	0.00737	0.12590	1.49934E-05	7.3841E-03	611057.43	4206358.03	33402.80223	0.00209	0.12590	1.49934E-05	2.1030E-03	
611064.43	4206358.03	32403.91834	0.00715	0.12234	1.45695E-05	7.1638-03	611064.43	4206358.03	32403.91834	0.00203	0.12234	1.45695E-05	2.0401E-03	
611078.43	4206358.03	30508.3297	0.00673	0.11566	1.37740E-05	6.7443E-03	611078.43	4206358.03	30508.3297	0.00191	0.11566	1.37740E-05	1.9209E-03	
611085.43	4206358.03	29608.96874	0.00653	0.11253	1.34012E-05	6.5455E-03	611085.43	4206358.03	29608.96874	0.00185	0.11253	1.34012E-05	1.8643E-03	
611092.43	4206358.03	28740.29136	0.00634	0.10952	1.30427E-05	6.3535E-03	611092.43	4206358.03	28740.29136	0.00180	0.10952	1.30427E-05	1.8096E-03	
610294.43	4206365.03	2831.19965	0.00062	3.15091	3.75242E-04	9.9984E-04	610294.43	4206365.03	2831.19965	0.00018	3.15091	3.75242E-04	5.5222E-04	
610301.43	4206365.03	2903.31662	0.00064	3.16180	3.76539E-04	1.0171E-03	610301.43	4206365.03	2903.31662	0.00018	3.16180	3.76539E-04	5.5803E-04	
610308.43	4206365.03	2978.69331	0.00066	3.17175	3.77724E-04	1.0349E-03	610308.43	4206365.03	2978.69331	0.00019	3.17175	3.77724E-04	5.6392E-04	
610315.43	4206365.03	3056.93095	0.00067	3.18229	3.78979E-04	1.0534E-03	610315.43	4206365.03	3056.93095	0.00019	3.18229	3.78979E-04	5.7007E-04	
610322.43	4206365.03	3138.76089	0.00069	3.19145	3.80070E-04	1.0725E-03	610322.43	4206365.03	3138.76089	0.00020	3.19145	3.80070E-04	5.7627E-04	
610329.43	4206365.03	3223.83048	0.00071	3.20094	3.81200E-04	1.0924E-03	610329.43	4206365.03	3223.83048	0.00020	3.20094	3.81200E-04	5.8272E-04	
610336.43	4206365.03	3312.58405	0.00073	3.20984	3.82260E-04	1.1131E-03	610336.43	4206365.03	3312.58405	0.00021	3.20984	3.82260E-04	5.8933E-04	
610343.43	4206365.03	3408.07259	0.00075	3.22050	3.83622E-04	1.1341E-03	610343.43	4206365.03	3408.07259	0.00021	3.22050	3.83622E-04	5.9526E-04	
610350.43	4206365.03	3507.92127	0.00077	3.20894	3.82153E-04	1.1560E-03	610350.43	4206365.03	3507.92127	0.00022	3.20894	3.82153E-04	6.0143E-04	
610357.43	4206365.03	3612.54564	0.00080	3.20852	3.82103E-04	1.1790E-03	610357.43	4206365.03	3612.54564	0.00023	3.20852	3.82103E-04	6.0701E-04	
610364.43	4206365.03	3721.68249	0.00082	3.20843	3.82092E-04	1.2031E-03	610364.43	4206365.03	3721.68249	0.00023	3.20843	3.82092E-04	6.1474E-04	
610371.43	4206365.03	3836.15189	0.00085	3.20879	3.82135E-04	1.2284E-03	610371.43	4206365.03	3836.15189	0.00024	3.20879	3.82135E-04	6.2193E-04	
610378.43	4206365.03	3956.16855	0.00087	3.20960	3.82232E-04	1.2550E-03	610378.43	4206365.03	3956.16855	0.00025	3.20960	3.82232E-04	6.2953E-04	
610385.43	4206365.03	4082.08513	0.00090	3.21085	3.82381E-04	1.2829E-03	610385.43	4206365.03	4082.08513	0.00026	3.21085	3.82381E-04	6.3755E-04	
610392.43	4206365.03	4214.16563	0.00093	3.21249	3.82576E-04	1.3123E-03	610392.43	4206365.03	4214.16563	0.00026	3.21249	3.82576E-04	6.4608E-04	
610399.43	4206365.03	4352.89874	0.00096	3.21446	3.82810E-04	1.3431E-03	610399.43	4206365.03	4352.89874	0.00027	3.21446	3.82810E-04	6.5491E-04	
610406.43	4206365.03	4498.7412	0.00099	3.21673	3.83081E-04	1.3756E-03	610406.43	4206365.03	4498.7412	0.00028	3.21673	3.83081E-04	6.6430E-04	
610413.43	4206365.03	4652.05086	0.00103	3.21923	3.83378E-04	1.4097E-03	610413.43	4206365.03	4652.05086	0.00029	3.21923	3.83378E-04	6.7418E-04	
610420.43	4206365.03	4813.48157	0.00106	3.22193	3.83700E-04	1.4456E-03	610420.43	4206365.03	4813.48157	0.00030	3.22193	3.83700E-04	6.8459E-04	
610427.43	4206365.03	4983.43075	0.00110	3.22476	3.84037E-04	1.4835E-03	610427.43	4206365.03	4983.43075	0.00031	3.22476	3.84037E-04	6.9555E-04	
610434.43	4206365.03	5162.57047	0.00114	3.22772

610987.43	4206365.03	44898.89635	0.00991	0.17930	2.13529E-05	9.92676-03	610987.43	4206365.03	44898.89635	0.00281	0.17930	2.13529E-05	2.82808-03		
610994.43	4206365.03	43534.74146	0.00960	0.17328	2.06359E-05	9.62508-03	610994.43	4206365.03	43534.74146	0.00272	0.17328	2.06359E-05	2.7420E-03		
611001.43	4206365.03	42217.71055	0.00931	0.16756	1.99547E-05	9.33388-03	611001.43	4206365.03	42217.71055	0.00264	0.16756	1.99547E-05	2.6590E-03		
611022.43	4206365.03	38531.45418	0.00850	0.15203	1.81053E-05	8.51876-03	611022.43	4206365.03	38531.45418	0.00241	0.15203	1.81053E-05	2.4267E-03		
611029.43	4206365.03	37385.31848	0.00825	0.14733	1.75455E-05	8.26558-03	611029.43	4206365.03	37385.31848	0.00234	0.14733	1.75455E-05	2.3545E-03		
611036.43	4206365.03	36277.78697	0.00800	0.14286	1.70132E-05	8.02045-03	611036.43	4206365.03	36277.78697	0.00227	0.14286	1.70132E-05	2.2847E-03		
611043.43	4206365.03	35207.5777	0.00777	0.13859	1.65047E-05	7.78388-03	611043.43	4206365.03	35207.5777	0.00220	0.13859	1.65047E-05	2.2173E-03		
611050.43	4206365.03	34173.1153	0.00754	0.13451	1.60188E-05	7.55516-03	611050.43	4206365.03	34173.1153	0.00214	0.13451	1.60188E-05	2.1522E-03		
611057.43	4206365.03	33173.16815	0.00732	0.13061	1.55544E-05	7.33406-03	611057.43	4206365.03	33173.16815	0.00207	0.13061	1.55544E-05	2.0892E-03		
611064.43	4206365.03	32206.5385	0.00711	0.12688	1.51102E-05	7.12016-03	611064.43	4206365.03	32206.5385	0.00201	0.12688	1.51102E-05	2.0283E-03		
611078.43	4206365.03	30167.94777	0.00670	0.11989	1.42777E-05	6.71398-03	611078.43	4206365.03	30167.94777	0.00190	0.11989	1.42777E-05	1.9126E-03		
611085.43	4206365.03	29493.8623	0.00651	0.11661	1.38871E-05	6.5206E-03	611085.43	4206365.03	29493.8623	0.00184	0.11661	1.38871E-05	1.8576E-03		
611092.43	4206365.03	28648.49513	0.00632	0.11347	1.35132E-05	6.33388-03	611092.43	4206365.03	28648.49513	0.00179	0.11347	1.35132E-05	1.8043E-03		
610294.43	4206373.03	2753.02562	0.00061	0.76742	3.29572E-04	9.36938-04	610294.43	4206373.03	2753.02562	0.00017	0.76742	3.29572E-04	5.0166E-04		
610301.43	4206373.03	2822.0649	0.00062	0.77603	3.30598E-04	9.5318E-04	610301.43	4206373.03	2822.0649	0.00018	0.77603	3.30598E-04	5.0701E-04		
610308.43	4206373.03	2894.13305	0.00064	0.78389	3.31534E-04	9.7002E-04	610308.43	4206373.03	2894.13305	0.00018	0.78389	3.31534E-04	5.1245E-04		
610315.43	4206373.03	2968.93132	0.00065	0.79230	3.32535E-04	9.8752E-04	610315.43	4206373.03	2968.93132	0.00019	0.79230	3.32535E-04	5.1812E-04		
610322.43	4206373.03	3046.81967	0.00067	0.80040	3.33500E-04	1.0057E-03	610322.43	4206373.03	3046.81967	0.00019	0.80040	3.33500E-04	5.2396E-04		
610329.43	4206373.03	3128.28484	0.00069	0.80739	3.34332E-04	1.0245E-03	610329.43	4206373.03	3128.28484	0.00020	0.80739	3.34332E-04	5.2988E-04		
610336.43	4206373.03	3212.92776	0.00070	0.81468	3.35201E-04	1.0440E-03	610336.43	4206373.03	3212.92776	0.00020	0.81468	3.35201E-04	5.3604E-04		
610343.43	4206373.03	3303.96335	0.00073	0.81461	3.35192E-04	1.0641E-03	610343.43	4206373.03	3303.96335	0.00021	0.81461	3.35192E-04	5.4172E-04		
610350.43	4206373.03	3399.01678	0.00075	0.81422	3.35146E-04	1.0850E-03	610350.43	4206373.03	3399.01678	0.00021	0.81422	3.35146E-04	5.4762E-04		
610357.43	4206373.03	3498.41824	0.00077	0.81373	3.35087E-04	1.1069E-03	610357.43	4206373.03	3498.41824	0.00022	0.81373	3.35087E-04	5.5377E-04		
610364.43	4206373.03	3602.30627	0.00079	0.81331	3.35037E-04	1.1298E-03	610364.43	4206373.03	3602.30627	0.00023	0.81331	3.35037E-04	5.6022E-04		
610371.43	4206373.03	3711.0577	0.00082	0.81308	3.35010E-04	1.1537E-03	610371.43	4206373.03	3711.0577	0.00023	0.81308	3.35010E-04	5.6699E-04		
610378.43	4206373.03	3824.90927	0.00084	0.81310	3.35012E-04	1.1788E-03	610378.43	4206373.03	3824.90927	0.00024	0.81310	3.35012E-04	5.7411E-04		
610385.43	4206373.03	3944.18041	0.00087	0.81339	3.35047E-04	1.2052E-03	610385.43	4206373.03	3944.18041	0.00025	0.81339	3.35047E-04	5.8160E-04		
610392.43	4206373.03	4069.21468	0.00090	0.81395	3.35114E-04	1.2328E-03	610392.43	4206373.03	4069.21468	0.00025	0.81395	3.35114E-04	5.8948E-04		
610399.43	4206373.03	4200.39532	0.00093	0.81477	3.35211E-04	1.2619E-03	610399.43	4206373.03	4200.39532	0.00026	0.81477	3.35211E-04	5.9778E-04		
610406.43	4206373.03	4338.01232	0.00096	0.81581	3.35335E-04	1.2924E-03	610406.43	4206373.03	4338.01232	0.00027	0.81581	3.35335E-04	6.0651E-04		
610413.43	4206373.03	4482.59474	0.00099	0.81704	3.35482E-04	1.3244E-03	610413.43	4206373.03	4482.59474	0.00028	0.81704	3.35482E-04	6.1569E-04		
610420.43	4206373.03	4634.54146	0.00102	0.81842	3.35646E-04	1.3581E-03	610420.43	4206373.03	4634.54146	0.00029	0.81842	3.35646E-04	6.2535E-04		
610427.43	4206373.03	4794.30302	0.00106	0.81993	3.35826E-04	1.3935E-03	610427.43	4206373.03	4794.30302	0.00030	0.81993	3.35826E-04	6.3552E-04		
610434.43	4206373.03	4962.45538	0.00109	0.82153	3.36016E-04	1.4308E-03	610434.43	4206373.03	4962.45538	0.00031	0.82153	3.36016E-04	6.4622E-04		
610441.43	4206373.03	5139.4926	0.00113	0.82318	3.36213E-04	1.4701E-03	610441.43	4206373.03	5139.4926	0.00032	0.82318	3.36213E-04	6.5748E-04		
610448.43	4206373.03	5326.14186	0.00118	0.82487	3.36414E-04	1.5114E-03	610448.43	4206373.03	5326.14186	0.00033	0.82487	3.36414E-04	6.6935E-04		
610455.43	4206373.03	5522.93676	0.00122	0.82656	3.36615E-04	1.5551E-03	610455.43	4206373.03	5522.93676	0.00035	0.82656	3.36615E-04	6.8188E-04		
610462.43	4206373.03	5730.74992	0.00126	0.82824	3.36815E-04	1.6011E-03	610462.43	4206373.03	5730.74992	0.00036	0.82824	3.36815E-04	6.9505E-04		
610469.43	4206373.03	5950.27354	0.00131	0.82988	3.37013E-04	1.6497E-03	610469.43	4206373.03	5950.27354	0.00037	0.82988	3.37013E-04	7.0898E-04		
610476.43	4206373.03	6182.37037	0.00136	0.83145	3.37198E-04	1.7031E-03	610476.43	4206373.03	6182.37037	0.00039	0.83145	3.37198E-04	7.2366E-04		
610497.43	4206373.03	6964.93814	0.00154	0.83531	3.37657E-04	1.8742E-03	610497.43	4206373.03	6964.93814	0.00044	0.83531	3.37657E-04	7.7304E-04		
610504.43	4206373.03	7258.51866	0.00160	0.83611	3.37758E-04	1.9391E-03	610504.43	4206373.03	7258.51866	0.00045	0.83611	3.37758E-04	7.9148E-04		
610511.43	4206373.03	7570.89559	0.00167	0.83654	3.37804E-04	2.0080E-03	610511.43	4206373.03	7570.89559	0.00047	0.83654	3.37804E-04	8.1106E-04		
610518.43	4206373.03	7903.83732	0.00174	0.83653	3.37803E-04	2.0815E-03	610518.43	4206373.03	7903.83732	0.00049	0.83653	3.37803E-04	8.3187E-04		
610525.43	4206373.03	8259.09421	0.00182	0.83598	3.37737E-04	2.1598E-03	610525.43	4206373.03	8259.09421	0.00052	0.83598	3.37737E-04	8.5402E-04		
610532.43	4206373.03	8639.08743	0.00191	0.83481	3.37598E-04	2.2435E-03	610532.43	4206373.03	8639.08743	0.00054	0.83481	3.37598E-04	8.7763E-04		
610539.43	4206373.03	9046.3183	0.00200	0.83288	3.37368E-04	2.3331E-03	610539.43	4206373.03	9046.3183	0.00057	0.83288	3.37368E-04	9.0288E-04		
610546.43	4206373.03	9483.57804	0.00209	0.83007	3.37035E-04	2.4292E-03	610546.43	4206373.03	9483.57804	0.00059	0.83007	3.37035E-04	9.2985E-04		
610553.43	4206373.03	9954.49273	0.00220	0.82625	3.36578E-04	2.5327E-03	610553.43	4206373.03	9954.49273	0.00062	0.82625	3.36578E-04	9.5884E-04		
610560.43	4206373.03	10469.21908	0.00231	0.82206	3.36079E-04	2.6457E-03	610560.43	4206373.03	10469.21908	0.00065	0.82206	3.36079E-04	9.9051E-04		
610567.43	4206373.03	11030.11383	0.00243	0.81730	3.35513E-04	2.7698E-03	610567.43	4206373.03	11030.11383	0.00069	0.81730	3.35513E-04	1.0250E-03		
610574.43	4206373.03	11641.17694	0.00257	0.81136	3.34805E-04	2.9030E-03	610574.43	4206373.03	11641.17694	0.00073	0.81136	3.34805E-04	1.0625E-03		
610581.43	4206373.03	12307.54998	0.00272	0.80387	3.33913E-04	3.0491E-03	610581.43	4206373.03	12307.54998	0.00077	0.80387	3.33913E-04	1.1033E-03		
610588.43	4206373.03	13041.72423	0.00288	0.79490	3.32845E-04	3.2100E-03	610588.43	4206373.03	13041.72423	0.00082	0.79490	3.32845E-04	1.1481E-03		
610595.43	4206373.03	13856.58914	0.00306	0.78394	3.31540E-04	3.3885E-03	610595.43	4206373.03	13856.58914	0.00087	0.78394	3.31540E-04	1.1977E-03		
610602.43	4206373.03	14768.76389	0.00326	0.77031	3.29917E-04	3.5881E-03	610602.43	4206373.03	14768.76389	0.00092	0.77031	3.29917E-04	1.2531E-03		
610609.43	4206373.03	15805.10914	0.00349	0.75346	3.27910E-04	3.8147E-03	610609.43	4206373.03	15805.10914	0.00099	0.75346	3.27910E-04	1.3159E-03		
610616.43	4206373.03	16989.33236	0.00375	0.73279	3.25448E-04	4.0735E-03	610616.43	4206373.03	16989.33236	0.00106	0.73279	3.25448E-04	1.3977E-03		
610623.43	4206373.03	18355.89264	0.00405	0.70758	3.22466E-04	4.3720E-03	610623.43	4206373.03	18355.89264	0.00115	0.70758	3.22466E-04	1.4699E-03		
610630.43	4206373.03	19925.59817	0.00440	0.67788	3.18909E-04	4.7148E-03	610630.43	4206373.03	19925.59817	0.00125	0.67788	3.18909E-04	1.5645E-03		
610637.43	4206373.03	21707.21212	0.00479	0.64352	3.14817E-04	5.1037E-03	610637.43	4206373.03	21707.21212	0.00136	0.64352	3.14817E-04	1.6737E-03		
610644.43	4206373.03	23766.36105	0.00524	0.60251	3.09931E-04	5.5531E-03	610644.43	4206373.03	23766.36105	0.00149	0.60251	3.09931E-04	1.7956E-03		
610651.43	4206373.03	26148.36046	0.00577	0.55387	3.04141E-04	6.0728E-03	610651.43	4206373.03	26148.36046	0.00163	0.55387	3.04141E-04	1.9387E-03		
610658.43	4206373.03	28910.14311	0.00638	0.49646	2.97304E-04	6.6753E-03	610658.43	4206373.03	28910.14311	0.00181	0.49646	2.97304E-04	2.1045E-03		
610665.43	4206373.03	32058.76686	0.00707	0.42978	2.89363E-04	7.3620E-03	610665.43	4206373.03	32058.76686	0.00200	0.42978	2.89363E-04	2.2934E-03		
610672.43	4206373.03	35568.88345	0.00785	0.35260	2.80182E-04	8.1272E-03	610672.43	4206373.03	35568.88345	0.00222	0.35269	2.80182E-04	2.5098E-03		
610679.43	4206373.03	39383.78553	0.00869	0.26267	2.69462E-04	8.9581E-03	610679.43	4206373.03	39383.78553	0.00246	0.26267	2.69462E-04	2.7313E-03		
610686.43	4206373.03	43428.75987	0.00958	0.15762	2.56851E-04	9.8379E-03	610686.43	4206373.03	43428.75987	0.00271	0.15762	2.56851E-04	2.9717E-03		
610693.43	4206373.03	47604.45721	0.01050	0.03856	2.42772E-04	1.0745E-02	610693.43	4206373.03	47604.45721	0.00298	0.03856	2.42772E-04	3.2185E-03		
610700.43	4206373.03	51872.65498	0.01144	1.90986	2.27445E-04	1.1671E-02	610700.43	4206373.03	51872.65498	0.00324	1.90986	2.27445E-04	3.4700E-03		
610707.43	4206373.03	56279.99763	0.01242	1.77729	2.11658E-04	1.2628E-02	610707.43	4206373.03	56279.99763	0.00352	1.77729	2.11658E-04	3.7297E-03		
610714.43	4206373.03	60716.29057	0.01339	1.64618	1.96044E-04	1.3591E-02	610714.43	4206373.03	60716.29057	0.00380	1.64618	1.96044E-04	3.9914E-03		
610721.43	4206373.03	65061.16891	0.01435	1.52038	1.81062E-04	1.4534E-02	610721.43	4206373.03	65061.16891	0.00407	1.52038	1.81062E-04	4.2488E-03		
610728.43	4206373.03	69234.05289	0.01527	1.40232	1.67002E-04	1.5441E-02	610728.43	4206373.03	69234.05289	0.00433	1.40232	1.67002E-04	4.4948E-03		
610735.43	4206373.03	73238.43472	0.01616	1.29309	1.53994E-04	1.6311E-02	610735.43	4206373.03	73238.43472	0.00458	1.29309	1.53994E-04	4.7321E-03		
610742.43	4206373.03	76999.64267	0.01699	1.19305	1.42080E-04	1.7129E-02	610742.43	4206373.03	76999.64267	0.00481	1.19305	1.42080E-04	4.9553E-03		
610749.43	4206373.03	80444.43594	0.01775	1.10201	1.31238E-04	1.7878E-02	610749.43	4206373.03	80444.43594	0.00503	1.10201	1.31238E-04	5.1598E-03		
610756.43	4206373.03	83577.25718	0.01844	1.01944	1.21405E-04	1.8560E-02	610756.43	4206373.03	83577.25718	0.00522	1.01944	1.21405E-04	5.3458E-03		
610763.43	4206373.03	86291.4793	0.01904	0.94470	1.12504E-04	1.9158E-02	610763.43	4206373.03	86291.4793	0.00539	0.94470	1.12504E-04	5.5066E-03		
610770.43	4206373.03	88314.49065	0.01948	0.87710	1.04454E-04	1.9588E-02	610770.43	4206373.03	88314.49065	0.00552	0.87710	1.04454E-04	5.6250E-03		
610777.43	4206373.03	89831.60268	0.01982	0.81593	9.71602E-05	1.9931E-02	610777.43	4206373.03	89831.60268	0.00562	0.81593	9.71602E-05	5.7126E-03		
610784.43	4206373.03	90787.55669	0.02003	0.76054	9.05728E-05	2.0120E-02	610784.43	4206373.03	90787.55669	0.00568	0.76054	9.05728E-05	5.7657E-03		
610791.43	4206373.03	91158.84619	0.02011	0.71033	8.45933E-05	2.0195E-02	610791.43	4206373.03	91158.84619	0.00570	0.71033	8.45933E-05	5.7830E-03		
610798.43	4206373.03	90965.88978	0.02007	0.66471	7.91604E-05	2.0147E-02	610798.43	4206373.03	90965.88978	0.00569	0.66471	7.91604E-05	5.7655E-03		
610805.43	4206373.03	90253.96436	0.01991	0.62319	7.42158E-05	1.9985E-02	610805.43	4206373.03	90253.96436	0.00564	0.62319	7.42158E-05	5.7160E-03		
610812.43	4206373.03	89113.18246	0.01966	0.58535	6.97094E-05	1.9726E-02	610812.43	4206373.03	89113.18246	0.00557	0.58535	6.97094E-05	5.6402E-03		
610819.43	4206373.03	83998.6501	0.01853	0.49008	5.83637E-05	1.8590E-02	610819.43	4206373.03	83998.6501	0.00525	0.49008	5.83637E-05	5.3091E-03		
610840.43	4206373.03	81965.8825	0.01808	0.46338	5.51840E-05	1.8138E-02	610840.43	4206373.03	81965.8825	0.00512	0.46338	5.51840E-05	5.1789E-03		
610847.43	4206373.03	79859.45557	0.01762	0.43881	5.22579E-05	1.7670E-02	610847.43	4206373.03	79859.45557	0.00499	0.43881	5.22579E-05	5.0443E-03		
610854.43	4206373.03	77723.49543	0.01715	0.41615	4.95594E-05	1.7196E-02	610854.43	4206373.03	77723.49543	0.00486	0.41615	4.95594E-05	4.9081E-03		
610861.43	4206373.03	75576.9344	0.01667	0.39521	4.70656E-05	1.6720E-02	610861.43	4206373.03	75576.9344	0.00472	0.39521	4.70656E-05	4.7714E-03		
610868.43	4206373.03	73437.81709	0.01620	0.37581	4.47553E-05	1.6246E-02	610868.43	4206373.03	73437.81709	0.00459	0.37581	4.47553E-05	4.6354E-03		
610875.43	4206373.03	71321.7556	0.01573	0.35781	4.26116E-05	1.5777E-02	610875.43	4206373.03	71321.7556	0.00446	0.35781	4.26116E-05	4.5009E-03		
610882.43	4206373.03	69239.91145	0.01528	0.34108	4.06193E-05	1.5316E-02	610882.43	4206373.03	69239.91145	0.00433	0.34108	4.06193E-05	4.3688E-03		
610889.43	4206373.03	67200.42521	0.01483	0.32550	3.87638E-05	1.4864E-02	610889.43	4206373.03	67200.42521	0.00420	0.32550	3.87638E-05	4.2395E-03		
610896.43	4206373.03	65208.60768	0.01439	0.31096	3.70323E-05	1.4423E-02	610896.43	4206373.03	65208.60768	0.00408	0.31096	3.70323E-05	4.1132E-03		
610903.43	4206373.03	63268.13659	0.01396	0.29739	3.54162E-05	1.3991E-02	610903.43	4206373.03	63268.13659	0.00395	0.29739	3.54162E-05	3.9903E-03		
610910.43	4206373.03	61380.97483	0.01354	0.28470	3.39050E-05	1.3575E-02	610910.43	4206373.03	61380.97483	0.00384	0.28470	3.39050E-05	3.8708E-03		
610917.43	4206373.03	59548.03776	0.01314	0.27280	3.24878E-05	1.3170E-02	610917.43	4206373.03	59548.03776	0.00372	0.27280	3.24878E-05	3.7548E-03		
610924.43	4206373.03	57769.7511	0.01274	0.26164	3.11587E-05	1.2776E-02	610924.43	4206373.03	57769.7511	0.00361	0.26164	3.11587E-05	3.6424E-03		
610931.43	4206373.03	56045.78778	0.01236	0.25116	2.99107E-05	1.2394E-02	610931.43	4206373.03	56045.78778	0.00350	0.25116	2.99107E-05	3.5333E-03		
610938.43	4206373.03	54375.19463	0.01200	0.24131	2.87376E-05	1.2025E-02	610938.43	4206373.03	54375.19463	0.00340	0.24131	2.87376E-05	3.4277E-03		
610945.43	4206373.03	52757.15514	0.01164	0.23202	2.76313E-05	1.1667E-02	610945.43	4206373.03	52757.15514	0.00330	0.23202	2.76313E-05	3.3256E-03		
610952.43	4206373.03	51190.52172	0.01129	0.22327	2.65893E-05	1.1320E-02	610952.43	4206373.03	51190.52172	0.00320	0.22327	2.65893E-05	3.2265E-03		
610959.43	4206373.03	49673.6558	0.01096	0.21501	2.56056E-05	1.0984E-02	610959.43	4206373.03	49673.6558	0.00311	0.21501	2.56056E-05	3.1307E-03		
610966.43	4206373.03	48205.43666	0.01063	0.20720	2.46755E-05	1.0659E-02	610966.43	4206373.03	48205.43666	0.00301	0.20720	2.46755E-05	3.0380E-03		
610973.43	4206373.03	46784.17433	0.01032	0.19982	2.37666E-05	1.0345E-02	610973.43	4206373.03	46784.17433	0.00292	0.19982	2.37666E-05	2.9483E-03		
610980.43	4206373.03	45408.53233	0.01002	0.19283	2.29641E-05	1.0041E-02	610980.43	4206373.03	45408.53233	0.00284	0.19283	2.29641E-05	2.8615E-03		
610987.43	4206373.03	44076.99724	0.00972	0.18620	2.21746E-05	9.7462E-03	610987.43	4206373.03	44076.99724	0.00276	0.18620	2.21746E-05	2.7774E-03		
610994.43	4206373.03	42788.25976	0.00944	0.17991	2.14255E-05	9.4611E-03	610994.43	4206373.03	42788.25976	0.00267	0.17991	2.14255E-05	2.6946E-03		
611001.43	4206373.03	41540.76527	0.00916	0.17394	2.07145E-05	9.1852E-03	611001.43	4206373.03	41540.76527	0.00260	0.17394	2.07145E-05	2.6174E-03		
611022.43	4206373.03	38032.50937	0.00839	0.15772	1.87829E-05	8.40931-03	611022.43	4206373.03	38032.50937	0.00238	0.15772	1.87829E-05	2.3962E-03		
611029.43	4206373.03	36936.94639	0.00815	0.15281	1.81982E-05	8.16706-03	611029.43	4206373.03	36936.94639	0.00231	0.15281	1.81982E-05	2.3271E-03		
611036.43	4206373.03	35876.0946	0.00791	0.14814	1.76420E-05	7.93246-03	611036.43	4206373.03	35876.0946	0.00224	0.14814	1.76420E-05	2.2603E-03		
611043.43	4206373.03	34849.19304	0.00769	0.14368	1.71109E-05	7.70536-03	611043.43	4206373.03	34849.19304	0.00218	0.14368	1.71109E-05	2.1955E-03		
611050.43	4206373.03	33854.69949	0.00747	0.13942	1.66035E-05	7.48546-03	611050.43	4206373.03	33854.69949	0.00212	0.13942	1.66035E-05	2.1329E-03		
611057.43	4206373.03	32891.83239	0.00726	0.13535	1.61188E-05	7.27256-03	611057.43	4206373.03	32891.83239	0.00206	0.13535	1.61188E-05	2.0722E-03		
611064.43	4206373.03	31959.30311	0.00705	0.13145	1.56544E-05	7.06638-03	611064.43	4206373.03	31959.30311	0.00200	0.13145	1.56544E-05	2.0134E-03		
611078.43	4206373.03	30181.74774	0.00666	0.12416	1.47862E-05	6.67336-03	611078.43	4206373.03	30181.74774	0.00189	0.12416	1.47862E-05	1.9015E-03		
611085.43	4206373.03	29334.78028	0.00647	0.12074	1.43789E-05	6.48068-03	611085.43	4206373.03	29334.78028	0.00183	0.12074	1.43789E-05	1.8481E-03		
611092.43	4206373.03	28514.37707	0.00629	0.11746	1.39883E-05	6.3047E-03	611092.43	4206373.03	28514.37707	0.00178	0.11746	1.39883E-05	1.7964E-03		
610294.43	4206379.03	2677.20668	0.00059	2.46088	2.93066E-04	8.8369E-04	610294.43	4206379.03	2677.20668	0.00017	2.46088	2.93066E-04	4.6042E-04		
610301.43	4206379.03	2743.2985	0.00061	2.46763	2.93870E-04	8.9088E-04	610301.43	4206379.03	2743.2985	0.00017	2.46763	2.93870E-04	4.6135E-04		
610308.43	4206379.03	2812.03764	0.00062	2.47437	2.94673E-04	2.1505E-04	610308.43	4206379.03	2812.03764	0.00018	2.47437	2.94673E-04	4.7045E-04		
610315.43	4206379.03	2883.76155	0.00064	2.48048	2.95401E-04	9.3160E-04	610315.43	4206379.03	2883.76155	0.00018	2.48048	2.95401E-04	4.7567E-04		
610322.43	4206379.03	2958.19608	0.00065	2.48698	2.96175E-04	9.4879E-04	610322.43	4206379.03	2958.19608	0.00018	2.48698	2.96175E-04	4.8120E-04		
610329.43	4206379.03	3035.94862	0.00067	2.49272	2.96858E-04	9.6663E-04	610329.43	4206379.03	3035.94862	0.00019	2.49272	2.96858E-04	4.8664E-04		
610336.43	4206379.03	3116.72961	0.00069	2.49873	2.97574E-04	9.8537E-04	610336.43	4206379.03	3116.72961	0.00019	2.49873	2.97574E-04	4.9240E-04		
610343.43	4206379.03	3203.51688	0.00071	2.49921	2.97631E-04	1.0044E-03	610343.43	4206379.03	3203.51688	0.00020	2.49921	2.97631E-04	4.9788E-04		
610350.43	4206379.03	3294.11663	0.00073	2.49926	2.97637E-04	1.0244E-03	610350.43	4206379.03	3294.11663	0.00021	2.49926	2.97637E-04	5.0355E-04		
610357.43	4206379.03	3388.66947	0.00075	2.49902	2.97609E-04	1.0452E-03	610357.43	4206379.03	3388.66947	0.00021	2.49902	2.97609E-04	5.0943E-04		
610364.43	4206379.03	3487.53662	0.00077	2.49865	2.97565E-04	1.0670E-03	610364.43	4206379.03	3487.53662	0.00022	2.49865	2.97565E-04	5.1557E-04		
610371.43	4206379.03	3590.81921	0.00079	2.49825	2.97517E-04	1.0897E-03	610371.43	4206379.03	3590.81921	0.00022	2.49825	2.97517E-04	5.2198E-04		
610378.43	4206379.03	3698.90027	0.00082	2.49794	2.97480E-04	1.1135E-03	610378.43	4206379.03	3698.90027	0.00023	2.49794	2.97480E-04	5.2870E-04		
610385.43	4206379.03	3811.98519	0.00084	2.49775	2.97457E-04	1.1384E-03	610385.43	4206379.03	3811.98519	0.00024	2.49775	2.97457E-04	5.3575E-04		
610392.43	4206379.03	3930.42943	0.00087

610966.43	4206379.03	47037.84436	0.01038	0.21486	2.55877E-05	1.04018E-02	610966.43	4206379.03	47037.84436	0.00294	0.21486	2.55877E-05	2.96598E-03
610973.43	4206379.03	45715.60507	0.01009	0.20719	2.46743E-05	1.01106E-02	610973.43	4206379.03	45715.60507	0.00286	0.20719	2.46743E-05	2.88824E-03
610980.43	4206379.03	44431.25188	0.00980	0.19992	2.38085E-05	9.82608E-03	610980.43	4206379.03	44431.25188	0.00278	0.19992	2.38085E-05	2.80123E-03
610987.43	4206379.03	43183.93026	0.00953	0.19303	2.29880E-05	9.55008E-03	610987.43	4206379.03	43183.93026	0.00270	0.19303	2.29880E-05	2.72244E-03
610994.43	4206379.03	41972.77037	0.00926	0.18649	2.22091E-05	9.28200E-03	610994.43	4206379.03	41972.77037	0.00262	0.18649	2.22091E-05	2.64591E-03
611015.43	4206379.03	38548.40211	0.00850	0.16874	2.00953E-05	8.52444E-03	611015.43	4206379.03	38548.40211	0.00241	0.16874	2.00953E-05	2.42981E-03
611022.43	4206379.03	37473.55189	0.00827	0.16339	1.94581E-05	8.28666E-03	611022.43	4206379.03	37473.55189	0.00234	0.16339	1.94581E-05	2.3619E-03
611029.43	4206379.03	36430.61165	0.00804	0.15829	1.88508E-05	8.05598E-03	611029.43	4206379.03	36430.61165	0.00228	0.15829	1.88508E-05	2.29616E-03
611036.43	4206379.03	35418.74483	0.00781	0.15342	1.82708E-05	7.83251E-03	611036.43	4206379.03	35418.74483	0.00221	0.15342	1.82708E-05	2.23236E-03
611043.43	4206379.03	34436.93634	0.00760	0.14878	1.77182E-05	7.61500E-03	611043.43	4206379.03	34436.93634	0.00215	0.14878	1.77182E-05	2.17045E-03
611050.43	4206379.03	33484.41832	0.00739	0.14434	1.71895E-05	7.40418E-03	611050.43	4206379.03	33484.41832	0.00209	0.14434	1.71895E-05	2.11018E-03
611057.43	4206379.03	32560.4366	0.00718	0.14010	1.66845E-05	7.20008E-03	611057.43	4206379.03	32560.4366	0.00204	0.14010	1.66845E-05	2.05208E-03
611064.43	4206379.03	31663.99935	0.00699	0.13604	1.62010E-05	7.00117E-03	611064.43	4206379.03	31663.99935	0.00198	0.13604	1.62010E-05	1.99955E-03
611078.43	4206379.03	29950.93739	0.00661	0.12865	1.53971E-05	6.62283E-03	611078.43	4206379.03	29950.93739	0.00187	0.12865	1.53971E-05	1.88875E-03
611085.43	4206379.03	29132.73271	0.00643	0.12488	1.48720E-05	6.44206E-03	611085.43	4206379.03	29132.73271	0.00182	0.12488	1.48720E-05	1.83606E-03
611092.43	4206379.03	28339.05794	0.00625	0.12147	1.44659E-05	6.26055E-03	611092.43	4206379.03	28339.05794	0.00177	0.12147	1.44659E-05	1.78598E-03
610294.43	4206386.03	2603.5586	0.00057	2.21040	2.63237E-04	8.37626E-04	610294.43	4206386.03	2603.5586	0.00016	2.21040	2.63237E-04	4.2599E-04
610301.43	4206386.03	2667.07022	0.00059	2.21525	2.63814E-04	8.52216E-04	610301.43	4206386.03	2667.07022	0.00017	2.21525	2.63814E-04	4.3053E-04
610308.43	4206386.03	2732.85546	0.00060	2.22053	2.64443E-04	8.67350E-04	610308.43	4206386.03	2732.85546	0.00017	2.22053	2.64443E-04	4.3527E-04
610315.43	4206386.03	2801.48267	0.00062	2.22544	2.65028E-04	8.83070E-04	610315.43	4206386.03	2801.48267	0.00018	2.22544	2.65028E-04	4.4015E-04
610322.43	4206386.03	2872.63619	0.00063	2.23068	2.65652E-04	8.99396E-04	610322.43	4206386.03	2872.63619	0.00018	2.23068	2.65652E-04	4.4522E-04
610329.43	4206386.03	2946.89281	0.00065	2.23542	2.66216E-04	9.16344E-04	610329.43	4206386.03	2946.89281	0.00018	2.23542	2.66216E-04	4.5043E-04
610336.43	4206386.03	3023.98323	0.00067	2.24041	2.66811E-04	9.33994E-04	610336.43	4206386.03	3023.98323	0.00019	2.24041	2.66811E-04	4.5584E-04
610343.43	4206386.03	3106.8142	0.00069	2.24537	2.66925E-04	9.52316E-04	610343.43	4206386.03	3106.8142	0.00019	2.24537	2.66925E-04	4.6113E-04
610350.43	4206386.03	3193.13888	0.00070	2.24186	2.66983E-04	9.71418E-04	610350.43	4206386.03	3193.13888	0.00020	2.24186	2.66983E-04	4.6659E-04
610357.43	4206386.03	3283.22843	0.00072	2.24196	2.66995E-04	9.91324E-04	610357.43	4206386.03	3283.22843	0.00021	2.24196	2.66995E-04	4.7223E-04
610364.43	4206386.03	3377.24906	0.00075	2.24179	2.66975E-04	1.01206E-03	610364.43	4206386.03	3377.24906	0.00021	2.24179	2.66975E-04	4.7809E-04
610371.43	4206386.03	3475.4808	0.00077	2.24147	2.66937E-04	1.03370E-03	610371.43	4206386.03	3475.4808	0.00022	2.24147	2.66937E-04	4.8419E-04
610378.43	4206386.03	3578.11044	0.00079	2.24109	2.66892E-04	1.05630E-03	610378.43	4206386.03	3578.11044	0.00022	2.24109	2.66892E-04	4.9056E-04
610385.43	4206386.03	3685.39991	0.00081	2.24072	2.66848E-04	1.07996E-03	610385.43	4206386.03	3685.39991	0.00023	2.24072	2.66848E-04	4.9722E-04
610392.43	4206386.03	3797.59968	0.00084	2.24040	2.66809E-04	1.10406E-03	610392.43	4206386.03	3797.59968	0.00024	2.24040	2.66809E-04	5.0408E-04
610399.43	4206386.03	3915.06409	0.00086	2.24015	2.66780E-04	1.13050E-03	610399.43	4206386.03	3915.06409	0.00024	2.24015	2.66780E-04	5.1151E-04
610406.43	4206386.03	4038.00591	0.00089	2.23999	2.66761E-04	1.15768E-03	610406.43	4206386.03	4038.00591	0.00025	2.23999	2.66761E-04	5.1918E-04
610413.43	4206386.03	4166.75786	0.00092	2.23991	2.66751E-04	1.18606E-03	610413.43	4206386.03	4166.75786	0.00026	2.23991	2.66751E-04	5.2722E-04
610420.43	4206386.03	4301.80145	0.00095	2.23991	2.66751E-04	1.21588E-03	610420.43	4206386.03	4301.80145	0.00027	2.23991	2.66751E-04	5.3566E-04
610427.43	4206386.03	4443.29577	0.00098	2.23996	2.66757E-04	1.24706E-03	610427.43	4206386.03	4443.29577	0.00028	2.23996	2.66757E-04	5.4451E-04
610434.43	4206386.03	4591.82371	0.00101	2.24004	2.66767E-04	1.27988E-03	610434.43	4206386.03	4591.82371	0.00029	2.24004	2.66767E-04	5.5388E-04
610441.43	4206386.03	4747.75368	0.00105	2.24014	2.66779E-04	1.31426E-03	610441.43	4206386.03	4747.75368	0.00030	2.24014	2.66779E-04	5.6356E-04
610448.43	4206386.03	4911.54094	0.00108	2.24024	2.66790E-04	1.35016E-03	610448.43	4206386.03	4911.54094	0.00031	2.24024	2.66790E-04	5.7381E-04
610455.43	4206386.03	5083.73305	0.00112	2.24031	2.66799E-04	1.38838E-03	610455.43	4206386.03	5083.73305	0.00032	2.24031	2.66799E-04	5.8458E-04
610462.43	4206386.03	5264.82156	0.00116	2.24032	2.66800E-04	1.42835E-03	610462.43	4206386.03	5264.82156	0.00033	2.24032	2.66800E-04	5.9590E-04
610469.43	4206386.03	5455.43819	0.00120	2.24026	2.66793E-04	1.47038E-03	610469.43	4206386.03	5455.43819	0.00034	2.24026	2.66793E-04	6.0781E-04
610476.43	4206386.03	5656.23905	0.00125	2.24011	2.66775E-04	1.51466E-03	610476.43	4206386.03	5656.23905	0.00035	2.24011	2.66775E-04	6.2035E-04
610497.43	4206386.03	6327.34205	0.00140	2.23871	2.66608E-04	1.66251E-03	610497.43	4206386.03	6327.34205	0.00040	2.23871	2.66608E-04	6.6213E-04
610504.43	4206386.03	6576.9763	0.00145	2.23781	2.66501E-04	1.71675E-03	610504.43	4206386.03	6576.9763	0.00041	2.23781	2.66501E-04	6.7763E-04
610511.43	4206386.03	6841.25058	0.00151	2.23659	2.66356E-04	1.77566E-03	610511.43	4206386.03	6841.25058	0.00043	2.23659	2.66356E-04	6.9400E-04
610518.43	4206386.03	7121.40615	0.00157	2.23501	2.66168E-04	1.83726E-03	610518.43	4206386.03	7121.40615	0.00045	2.23501	2.66168E-04	7.1133E-04
610525.43	4206386.03	7418.96758	0.00164	2.23300	2.65928E-04	1.90276E-03	610525.43	4206386.03	7418.96758	0.00046	2.23300	2.65928E-04	7.2969E-04
610532.43	4206386.03	7735.33299	0.00171	2.23050	2.65631E-04	1.97226E-03	610532.43	4206386.03	7735.33299	0.00048	2.23050	2.65631E-04	7.4917E-04
610539.43	4206386.03	8072.44848	0.00178	2.22741	2.65263E-04	2.04962E-03	610539.43	4206386.03	8072.44848	0.00050	2.22741	2.65263E-04	7.6987E-04
610546.43	4206386.03	8432.35605	0.00186	2.22364	2.64814E-04	2.12515E-03	610546.43	4206386.03	8432.35605	0.00053	2.22364	2.64814E-04	7.9192E-04
610553.43	4206386.03	8817.39131	0.00195	2.21910	2.64273E-04	2.20955E-03	610553.43	4206386.03	8817.39131	0.00055	2.21910	2.64273E-04	8.1545E-04
610560.43	4206386.03	9234.49855	0.00204	2.21422	2.63602E-04	2.30089E-03	610560.43	4206386.03	9234.49855	0.00058	2.21422	2.63602E-04	8.4094E-04
610567.43	4206386.03	9686.72253	0.00214	2.20903	2.63074E-04	2.40010E-03	610567.43	4206386.03	9686.72253	0.00061	2.20903	2.63074E-04	8.6859E-04
610574.43	4206386.03	10175.54274	0.00224	2.20281	2.62333E-04	2.50726E-03	610574.43	4206386.03	10175.54274	0.00064	2.20281	2.62333E-04	8.9841E-04
610581.43	4206386.03	10706.73293	0.00236	2.19555	2.61468E-04	2.62356E-03	610581.43	4206386.03	10706.73293	0.00067	2.19555	2.61468E-04	9.3075E-04
610588.43	4206386.03	11288.05177	0.00249	2.18714	2.60467E-04	2.75088E-03	610588.43	4206386.03	11288.05177	0.00071	2.18714	2.60467E-04	9.6609E-04
610595.43	4206386.03	11928.48306	0.00263	2.17720	2.59283E-04	2.89069E-03	610595.43	4206386.03	11928.48306	0.00075	2.17720	2.59283E-04	1.0048E-03
610602.43	4206386.03	12642.08454	0.00279	2.16572	2.57916E-04	3.04698E-03	610602.43	4206386.03	12642.08454	0.00079	2.16572	2.57916E-04	1.0482E-03
610609.43	4206386.03	13442.27246	0.00297	2.15215	2.56300E-04	3.22188E-03	610609.43	4206386.03	13442.27246	0.00084	2.15215	2.56300E-04	1.0966E-03
610616.43	4206386.03	14343.63463	0.00316	2.13620	2.54420E-04	3.41488E-03	610616.43	4206386.03	14343.63463	0.00090	2.13620	2.54420E-04	1.1518E-03
610623.43	4206386.03	15360.85229	0.00339	2.11751	2.52175E-04	3.64108E-03	610623.43	4206386.03	15360.85229	0.00096	2.11751	2.52175E-04	1.2124E-03
610630.43	4206386.03	16506.04981	0.00364	2.09598	2.49611E-04	3.89111E-03	610630.43	4206386.03	16506.04981	0.00103	2.09598	2.49611E-04	1.2814E-03
610637.43	4206386.03	17772.02353	0.00392	2.07176	2.46726E-04	4.16756E-03	610637.43	4206386.03	17772.02353	0.00111	2.07176	2.46726E-04	1.3577E-03
610644.43	4206386.03	19198.25601	0.00424	2.04385	2.43402E-04	4.47488E-03	610644.43	4206386.03	19198.25601	0.00120	2.04385	2.43402E-04	1.4435E-03
610651.43	4206386.03	20806.24259	0.00459	2.01185	2.39591E-04	4.82976E-03	610651.43	4206386.03	20806.24259	0.00130	2.01185	2.39591E-04	1.5402E-03
610658.43	4206386.03	22621.44989	0.00499	1.97537	2.35247E-04	5.25588E-03	610658.43	4206386.03	22621.44989	0.00141	1.97537	2.35247E-04	1.6493E-03
610665.43	4206386.03	24656.95339	0.00544	1.93415	2.30338E-04	5.67008E-03	610665.43	4206386.03	24656.95339	0.00154	1.93415	2.30338E-04	1.7716E-03
610672.43	4206386.03	26933.85114	0.00594	1.88769	2.24805E-04	6.16688E-03	610672.43	4206386.03	26933.85114	0.00168	1.88769	2.24805E-04	1.9084E-03
610679.43	4206386.03	29437.85418	0.00649	1.83516	2.18549E-04	6.71298E-03	610679.43	4206386.03	29437.85418	0.00184	1.83516	2.18549E-04	2.0587E-03
610686.43	4206386.03	32145.85175	0.00709	1.77550	2.11445E-04	7.30318E-03	610686.43	4206386.03	32145.85175	0.00201	1.77550	2.11445E-04	2.2209E-03
610693.43	4206386.03	35010.86364	0.00772	1.70824	2.03435E-04	7.92736E-03	610693.43	4206386.03	35010.86364	0.00219	1.70824	2.03435E-04	2.3920E-03
610700.43	4206386.03	38017.34645	0.00839	1.63393	1.94585E-04	8.58137E-03	610700.43	4206386.03	38017.34645	0.00238	1.63393	1.94585E-04	2.5711E-03
610707.43	4206386.03	41204.5958	0.00909	1.55421	1.85091E-04	9.27546E-03	610707.43	4206386.03	41204.5958	0.00258	1.55421	1.85091E-04	2.7608E-03
610714.43	4206386.03	44481.68458	0.00981	1.47133	1.75221E-04	9.98851E-03	610714.43	4206386.03	44481.68458	0.00278	1.47133	1.75221E-04	2.9558E-03
610721.43	4206386.03	47791.72648	0.01054	1.38752	1.65240E-04	1.07098E-02	610721.43	4206386.03	47791.72648	0.00299	1.38752	1.65240E-04	3.1527E-03
610749.43	4206386.03	60274.88121	0.01330	1.07505	1.28028E-04	1.3425E-02	610749.43	4206386.03	60274.88121	0.00377	1.07505	1.28028E-04	3.8958E-03
610756.43	4206386.03	63031.05041	0.01391	1.00690	1.19912E-04	1.40251E-02	610756.43	4206386.03	63031.05041	0.00394	1.00690	1.19912E-04	4.0600E-03
610763.43	4206386.03	65543.26886	0.01446	0.94333	1.12341E-04	1.45726E-02	610763.43	4206386.03	65543.26886	0.00410	0.94333	1.12341E-04	4.2095E-03
610770.43	4206386.03	67795.06385	0.01496	0.88426	1.05307E-04	1.50626E-02	610770.43	4206386.03	67795.06385	0.00424	0.88426	1.05307E-04	4.3432E-03
610777.43	4206386.03	69550.36223	0.01534	0.82952	9.87876E-05	1.54416E-02	610777.43	4206386.03	69550.36223	0.00435	0.82952	9.87876E-05	4.4464E-03
610784.43	4206386.03	70979.92214	0.01566	0.77892	9.27617E-05	1.57526E-02	610784.43	4206386.03	70979.92214	0.00444	0.77892	9.27617E-05	4.5297E-03
610791.43	4206386.03	72056.09616	0.01590	0.73216	8.71930E-05	1.59844E-02	610791.43	4206386.03	72056.09616	0.00450	0.73216	8.71930E-05	4.5914E-03
610798.43	4206386.03	72764.93083	0.01605	0.68800	8.20531E-05	1.61358E-02	610798.43	4206386.03	72764.93083	0.00455	0.68800	8.20531E-05	4.6306E-03
610805.43	4206386.03	73110.91016	0.01613	0.64914	7.73062E-05	1.62076E-02	610805.43	4206386.03	73110.91016	0.00457	0.64914	7.73062E-05	4.6475E-03
610812.43	4206386.03	73103.06844	0.01613	0.61233	7.29225E-05	1.62006E-02	610812.43	4206386.03	73103.06844	0.00457	0.61233	7.29225E-05	4.6426E-03
610833.43	4206386.03	71398.28978	0.01575	0.51772	6.16553E-05	1.58316E-02	610833.43	4206386.03	71398.28978	0.00446	0.51772	6.16553E-05	4.5248E-03
610840.43	4206386.03	70409.55186	0.01553	0.49073	5.84411E-05	1.55922E-02	610840.43	4206386.03	70409.55186	0.00440	0.49073	5.84411E-05	4.4598E-03
610847.43	4206386.03	69276.57194	0.01528	0.46570	5.54608E-05	1.53398E-02	610847.43	4206386.03	69276.57194	0.00433	0.46570	5.54603E-05	4.3860E-03
610854.43	4206386.03	68039.63323	0.01501	0.44248	5.26950E-05	1.50636E-02	610854.43	4206386.03	68039.63323	0.00425	0.44248	5.26950E-05	4.3059E-03
610861.43	4206386.03	66718.94845	0.01472	0.42089	5.01238E-05	1.47691E-02	610861.43	4206386.03	66718.94845	0.00417	0.42089	5.01238E-05	4.2207E-03
610868.43	4206386.03	65335.71571	0.01441	0.40079	4.77301E-05	1.44642E-02	610868.43	4206386.03	65335.71571	0.00408	0.40079	4.77301E-05	4.1319E-03
610875.43	4206386.03	63909.59062	0.01410	0.38204	4.54972E-05	1.41456E-02	610875.43	4206386.03	63909.59062	0.00400	0.38204	4.54972E-05	4.0405E-03
610882.43	4206386.03	62456.6924	0.01378	0.36455	4.34143E-05	1.38226E-02	610882.43	4206386.03	62456.6924	0.00390	0.36455	4.34143E-05	3.9476E-03
610889.43	4206386.03	60990.02159	0.01346	0.34819	4.14660E-05	1.34975E-02	610889.43	4206386.03	60990.02159	0.00381	0.34819	4.14660E-05	3.8540E-03
610896.43	4206386.03	59519.79202	0.01313	0.33289	3.96439E-05	1.31716E-02	610896.43	4206386.03	59519.79202	0.00372	0.33289	3.96439E-05	3.7602E-03
610903.43	4206386.03	58054.54156	0.01281	0.31856	3.79373E-05	1.28466E-02	610903.43	4206386.03	58054.54156	0.00363	0.31856	3.79373E-05	3.6669E-03
610910.43	4206386.03	56600.75696	0.01249	0.30511	3.63356E-05	1.25216E-02	610910.43	4206386.03	56600.75696	0.00354	0.30511	3.63356E-05	3.5745E-03
610917.43	4206386.03	55163.50699	0.01217	0.29248	3.48315E-05	1.22055E-02	610917.43	4206386.03	55163.50699	0.00345	0.29248	3.48315E-05	3.4831E-03
610924.43	4206386.03	53746.76042	0.01186	0.28061	3.34179E-05	1.18916E-02	610924.43	4206386.03	53746.76042	0.00336	0.28061	3.34179E-05	3.3931E-03
610931.43	4206386.03	52353.59444	0.01155	0.26943	3.20805E-05	1.15822E-02	610931.43	4206386.03	52353.59444	0.00327	0.26943	3.20805E-05	3.3047E-03
610938.43	4206386.03	50986.23093	0.01125	0.25891	3.08336E-05	1.12796E-02	610938.43	4206386.03	50986.23093	0.00319	0.25891	3.08336E-05	3.2186E-03
610945.43	4206386.03	49646.32224	0.01095	0.24898	2.96511E-05	1.09826E-02	610945.43	4206386.03	49646.32224	0.00310	0.24898	2.96511E-05	3.1331E-03
610952.43	4206386.03	48334.94081	0.01066	0.23960	2.85340E-05	1.06926E-02	610952.43	4206386.03	48334.94081	0.00302	0.23960	2.85340E-05	3.0500E-03
610959.43	4206386.03	47053.08591	0.01038	0.23074	2.74789E-05	1.04085E-02	610959.43	4206386.03	47053.08591	0.00294	0.23074	2.74789E-05	2.9688E-03
610966.43	4206386.03	45800.94803	0.01010	0.22235	2.64797E-05	1.01315E-02	610966.43	4206386.03	45800.94803	0.00286	0.22235	2.64797E-05	2.8895E-03
610973.43	4206386.03	44579.17527	0.00983	0.21442	2.55353E-05	9.86016E-03	610973.43	4206386.03	44579.17527	0.00279	0.21442	2.55353E-05	2.8122E-03
610980.43	4206386.03	43387.47172	0.00957	0.20689	2.46386E-05	9.59653E-03	610980.43	4206386.03	43387.47172	0.00271	0.20689	2.46386E-05	2.7368E-03
610987.43	4206386.03	42225.89962	0.00932	0.19975	2.37883E-05	9.33940E-03	610987.43	4206386.03	42225.89962	0.00264	0.19975	2.37883E-05	2.6633E-03
611015.43	4206386.03	37874.48884	0.00836	0.17458	2.07908E-05	8.37645E-03	611015.43	4206386.03	37874.48884	0.00237	0.17458	2.07908E-05	2.3883E-03
611022.43	4206386.03	36858.29887	0.00813	0.16902	2.01286E-05	8.15166E-03	611022.43	4206386.03	36858.29887	0.00230	0.16902	2.01286E-05	2.3241E-03
611029.43	4206386.03	35869.80572	0.00791	0.16373	1.94986E-05	7.93206E-03	611029.43	4206386.03	35869.80572	0.00224	0.16373	1.94986E-05	2.2617E-03
611036.43	4206386.03	34908.41925	0.00770	0.15868	1.88972E-05	7.72026E-03	611036.43	4206386.03	34908.41925	0.00218	0.15868	1.88972E-05	2.2010E-03
611043.43	4206386.03	33973.55153	0.00750	0.15386	1.83232E-05	7.51344E-03	611043.43	4206386.03	33973.55153	0.00212	0.15386	1.83232E-05	2.1420E-03
611050.43	4206386.03	33064.78712	0.00729	0.14925	1.77742E-05	7.31216E-03	611050.43	4206386.03	33064.78712	0.00207	0.14925	1.77742E-05	2.0847E-03
611057.43	4206386.03	32181.29352	0.00710	0.14485	1.72502E-05	7.11698E-03	611057.43	4206386.03	32181.29352	0.00201	0.14485	1.72502E-05	2.0289E-03
611064.43	4206386.03	31322.58072	0.00691	0.14064	1.67488E-05	6.92696E-03	611064.43	4206386.03	31322.58072	0.00196	0.14064	1.67488E-05	1.9747E-03
611078.43	4206386.03	29677.14838	0.00655	0.13274	1.58080E-05	6.56308E-03	611078.43	4206386.03	29677.14838	0.00186	0.13274	1.58080E-05	1.8709E-03
611085.43	4206386.03	28889.14753	0.00637	0.12904	1.53674E-05	6.38870E-03	611085.43	4206386.03	28889.14753	0.00181	0.12904	1.53674E-05	1.8212E-03
611092.43	4206386.03	28123.67096	0.00620	0.12549	1.49446E-05	6.21944E-03	611092.43	4206386.03	28123.67096	0.00176	0.12549	1.49446E-05	1.7730E-03
610294.43	4206393.03	2532.50585	0.00056	2.00926	2.38306E-04	3.97010E-04	610294.43	4206393.03	2532.50585	0.00016	2.00926	2.38306E-04	3.9661E-04
610301.43	4206393.03	2593.34405	0.00057	2.00496	2.38771E-04	8.10906E-04	610301.43	4206393.03	2593.34405	0.00016	2.00496	2.38771E-04	4.0088E-04
610308.43	4206393.03	2656.3205	0.00059	2.00917	2.39272E-04	8.25286E-04	610308.43	4206393.03	2656.3205	0.00017	2.00917	2.39272E-04	4.0532E-04
610315.43	4206393.03	2721.98728	0.00060	2.01319	2.39751E-04	8.40266E-04	610315.43	4206393.03	2721.98728	0.00017	2.01319	2.39751E-04	4.0990E-04
610322.43	4206393.03	2790.02209	0.00062	2.01744	2.40257E-04	8.55776E-04	610322.43	4206393.03	2790.02209	0.00017	2.01744	2.40257E-04	4.1466E-04
610329.43	4206393.03	2861.02403	0.00063	2.02138	2.40726E-04	8.73191E-04	610329.43	4206393.03	2861.02403	0.00018	2.02138	2.40726E-04	4.1957E-04
610336.43	4206393.03	2934.66612	0.00065	2.02555	2.41223E-04	8.88656E-04	610336.43	4206393.03	2934.66612	0.00018	2.02555	2.41223E-04	4.2467E-04
610343.43	4206393.03	3013.67224	0.00066	2.02685	2.41378E-04	9.06244E-04	610343.43	4206393.03	3013.67224	0.00019	2.02685	2.41378E-04	4.2976E-04
610350.43	4206393.03	3096.03958	0.00068	2.02768	2.41477E-04	9.24514E-04	610350.43	4206393.03	3096.03958	0.00019	2.02768	2.41477E-04	4.3501E-04
610357.43	4206393.03	3181.88606	0.00070	2.02809	2.41525E-04	9.43491E-04	610357.43	4206393.03	3181.88606	0.00020	2.02809	2.41525E-04	4.4043E-04
610364.43	4206393.03	3271.42731	0.00072	2.02817	2.41535E-04	9.63226E-04	610364.43	4206393.03	3271.42731	0.00020	2.02817	2.41535E-04	4.4603E-04
610371.43	4206393.03	3364.85494	0.00074	2.02802	2.41517E-04	9.83385E-04	610371.43	4206393.03	3364.85494	0.00021	2.02802	2.41517E-04	4.5185E-04
610378.43	4206393.03	3462.39554	0.00076	2.02772	2.41481E-04	1.00053E-03	610378.43	4206393.03	3462.39554	0.00022	2.02772	2.41481E-04	4.5792E-04
610385.43	4206393.03	3564.23191	0.00079	2.02733	2.41435E-04	1.02078E-03	610385.43	4206393.03	3564.23191	0.00022	2.02733	2.41435E-04	4.6424E-04
610392.43	4206393.03	3670.09936	0.00081	2.02691	2.41385E-04	1.0512E-03	610392.43	4206393.03	3670.09936	0.00023	2.02691	2.41385E-04	4.7084E-04
610399.43	4206393.03	3781.91571	0.00083	2.02650	2.41336E-04	1.07576E-03	610399.43	4206393.03	3781.91571	0.00024	2.02650	2.41336E-04	4.7774E-04
610406.43	4206393.03	3898.24155	0.00086	2.02611	2.41290E-04	1.10136E-03	610406.43	4206393.03	3898.24155	0.00024	2.02611	2.41290E-04	4.8497E-04
610413.43	4206393.03	4020.00742	0.00089	2.02574	2.41246E

610973.43	4206393.03	43383.17884	0.00957	0.22146	2.63737E-05	9.59758-03	610973.43	4206393.03	43383.17884	0.00271	0.22146	2.63737E-05	2.73838-03	
610980.43	4206393.03	42284.66526	0.00933	0.21370	2.54496E-05	9.3540E-03	610980.43	4206393.03	42284.66526	0.00264	0.21370	2.54496E-05	2.66870-03	
610987.43	4206393.03	41209.702	0.00909	0.20634	2.45731E-05	9.1160E-03	610987.43	4206393.03	41209.702	0.00258	0.20634	2.45731E-05	2.60080-03	
611008.43	4206393.03	38126.88561	0.00841	0.18636	2.21936E-05	8.4335E-03	611008.43	4206393.03	38126.88561	0.00238	0.18636	2.21936E-05	2.40556-03	
611015.43	4206393.03	37146.94216	0.00820	0.18034	2.14767E-05	8.2166E-03	611015.43	4206393.03	37146.94216	0.00232	0.18034	2.14767E-05	2.3435E-03	
611022.43	4206393.03	36190.76234	0.00798	0.17459	2.07919E-05	8.0050E-03	611022.43	4206393.03	36190.76234	0.00226	0.17459	2.07919E-05	2.2831E-03	
611029.43	4206393.03	35258.00394	0.00778	0.16912	2.01405E-05	7.7985E-03	611029.43	4206393.03	35258.00394	0.00220	0.16912	2.01405E-05	2.2241E-03	
611036.43	4206393.03	34348.53917	0.00758	0.16389	1.95177E-05	7.5973E-03	611036.43	4206393.03	34348.53917	0.00215	0.16389	1.95177E-05	2.1667E-03	
611043.43	4206393.03	33462.11424	0.00738	0.15890	1.89234E-05	7.4011E-03	611043.43	4206393.03	33462.11424	0.00209	0.15890	1.89234E-05	2.1106E-03	
611050.43	4206393.03	32598.27253	0.00719	0.15413	1.83554E-05	7.2100E-03	611050.43	4206393.03	32598.27253	0.00204	0.15413	1.83554E-05	2.0561E-03	
611057.43	4206393.03	31756.72987	0.00701	0.14957	1.78123E-05	7.0238E-03	611057.43	4206393.03	31756.72987	0.00199	0.14957	1.78123E-05	2.0029E-03	
611064.43	4206393.03	30937.14476	0.00683	0.14521	1.72931E-05	6.8425E-03	611064.43	4206393.03	30937.14476	0.00193	0.14521	1.72931E-05	1.9512E-03	
611078.43	4206393.03	29362.01341	0.00648	0.13703	1.63189E-05	6.4940E-03	611078.43	4206393.03	29362.01341	0.00184	0.13703	1.63189E-05	1.8517E-03	
611085.43	4206393.03	28605.67914	0.00631	0.13320	1.58628E-05	6.3267E-03	611085.43	4206393.03	28605.67914	0.00179	0.13320	1.58628E-05	1.8040E-03	
611092.43	4206393.03	27869.5979	0.00615	0.12952	1.54246E-05	6.1638E-03	611092.43	4206393.03	27869.5979	0.00174	0.12952	1.54246E-05	1.7576E-03	
610294.43	4206400.03	3663.79097	0.00054	1.82385	2.17203E-04	7.6075E-04	610294.43	4206400.03	3663.79097	0.00015	1.82385	2.17203E-04	3.7121E-04	
610301.43	4206400.03	2522.10384	0.00056	1.82709	2.17588E-04	7.7400E-04	610301.43	4206400.03	2522.10384	0.00016	1.82709	2.17588E-04	3.7525E-04	
610308.43	4206400.03	2582.44814	0.00057	1.83053	2.17998E-04	7.8772E-04	610308.43	4206400.03	2582.44814	0.00016	1.83053	2.17998E-04	3.7943E-04	
610315.43	4206400.03	2645.32287	0.00058	1.83387	2.18396E-04	8.0196E-04	610315.43	4206400.03	2645.32287	0.00017	1.83387	2.18396E-04	3.8376E-04	
610322.43	4206400.03	2710.41485	0.00060	1.83738	2.18814E-04	8.1677E-04	610322.43	4206400.03	2710.41485	0.00017	1.83738	2.18814E-04	3.8824E-04	
610329.43	4206400.03	2778.10128	0.00061	1.84088	2.19231E-04	8.3212E-04	610329.43	4206400.03	2778.10128	0.00017	1.84088	2.19231E-04	3.9288E-04	
610336.43	4206400.03	2848.65698	0.00063	1.84420	2.19626E-04	8.4808E-04	610336.43	4206400.03	2848.65698	0.00018	1.84420	2.19626E-04	3.9770E-04	
610343.43	4206400.03	2924.14608	0.00065	1.84571	2.19806E-04	8.6491E-04	610343.43	4206400.03	2924.14608	0.00018	1.84571	2.19806E-04	4.0259E-04	
610350.43	4206400.03	3002.73879	0.00066	1.84678	2.19933E-04	8.8238E-04	610350.43	4206400.03	3002.73879	0.00019	1.84678	2.19933E-04	4.0764E-04	
610357.43	4206400.03	3084.58266	0.00068	1.84745	2.20013E-04	9.0051E-04	610357.43	4206400.03	3084.58266	0.00019	1.84745	2.20013E-04	4.1283E-04	
610364.43	4206400.03	3169.92699	0.00070	1.84778	2.20052E-04	9.1918E-04	610364.43	4206400.03	3169.92699	0.00020	1.84778	2.20052E-04	4.1821E-04	
610371.43	4206400.03	3258.85993	0.00072	1.84783	2.20058E-04	9.3901E-04	610371.43	4206400.03	3258.85993	0.00020	1.84783	2.20058E-04	4.2377E-04	
610378.43	4206400.03	3351.60792	0.00074	1.84768	2.20040E-04	9.5945E-04	610378.43	4206400.03	3351.60792	0.00021	1.84768	2.20040E-04	4.2955E-04	
610385.43	4206400.03	3448.42058	0.00076	1.84738	2.20005E-04	9.8077E-04	610385.43	4206400.03	3448.42058	0.00022	1.84738	2.20005E-04	4.3557E-04	
610392.43	4206400.03	3549.40314	0.00078	1.84698	2.19957E-04	1.0030E-03	610392.43	4206400.03	3549.40314	0.00022	1.84698	2.19957E-04	4.4183E-04	
610399.43	4206400.03	3654.90966	0.00081	1.84653	2.19903E-04	1.0262E-03	610399.43	4206400.03	3654.90966	0.00023	1.84653	2.19903E-04	4.4837E-04	
610406.43	4206400.03	3765.11797	0.00083	1.84604	2.19845E-04	1.0505E-03	610406.43	4206400.03	3765.11797	0.00024	1.84604	2.19845E-04	4.5520E-04	
610413.43	4206400.03	3880.23643	0.00086	1.84554	2.19786E-04	1.0758E-03	610413.43	4206400.03	3880.23643	0.00024	1.84554	2.19786E-04	4.6234E-04	
610420.43	4206400.03	4000.64464	0.00088	1.84502	2.19724E-04	1.1023E-03	610420.43	4206400.03	4000.64464	0.00025	1.84502	2.19724E-04	4.6980E-04	
610427.43	4206400.03	4126.58557	0.00091	1.84448	2.19659E-04	1.1300E-03	610427.43	4206400.03	4126.58557	0.00026	1.84448	2.19659E-04	4.7761E-04	
610434.43	4206400.03	4258.34866	0.00094	1.84393	2.19594E-04	1.1590E-03	610434.43	4206400.03	4258.34866	0.00027	1.84393	2.19594E-04	4.8578E-04	
610441.43	4206400.03	4396.30754	0.00097	1.84335	2.19525E-04	1.1894E-03	610441.43	4206400.03	4396.30754	0.00027	1.84335	2.19525E-04	4.9434E-04	
610448.43	4206400.03	4540.80378	0.00100	1.84273	2.19451E-04	1.2212E-03	610448.43	4206400.03	4540.80378	0.00028	1.84273	2.19451E-04	5.0330E-04	
610455.43	4206400.03	4692.2544	0.00104	1.84206	2.19371E-04	1.2545E-03	610455.43	4206400.03	4692.2544	0.00029	1.84206	2.19371E-04	5.1268E-04	
610462.43	4206400.03	4851.01522	0.00107	1.84131	2.19283E-04	1.2895E-03	610462.43	4206400.03	4851.01522	0.00030	1.84131	2.19283E-04	5.2252E-04	
610469.43	4206400.03	5017.5923	0.00111	1.84048	2.19183E-04	1.3261E-03	610469.43	4206400.03	5017.5923	0.00031	1.84048	2.19183E-04	5.3283E-04	
610476.43	4206400.03	5192.51614	0.00115	1.83954	2.19072E-04	1.3640E-03	610476.43	4206400.03	5192.51614	0.00032	1.83954	2.19072E-04	5.4368E-04	
610497.43	4206400.03	5772.64488	0.00127	1.83583	2.18629E-04	1.4922E-03	610497.43	4206400.03	5772.64488	0.00036	1.83583	2.18629E-04	5.7948E-04	
610504.43	4206400.03	5986.79266	0.00132	1.83420	2.18435E-04	1.5392E-03	610504.43	4206400.03	5986.79266	0.00037	1.83420	2.18435E-04	5.9267E-04	
610511.43	4206400.03	6212.5145	0.00137	1.83231	2.18210E-04	1.5888E-03	610511.43	4206400.03	6212.5145	0.00039	1.83231	2.18210E-04	6.0656E-04	
610518.43	4206400.03	6450.82741	0.00142	1.83012	2.17949E-04	1.6411E-03	610518.43	4206400.03	6450.82741	0.00040	1.83012	2.17949E-04	6.2119E-04	
610525.43	4206400.03	6702.70574	0.00148	1.82759	2.17648E-04	1.6964E-03	610525.43	4206400.03	6702.70574	0.00042	1.82759	2.17648E-04	6.3664E-04	
610532.43	4206400.03	6969.3164	0.00154	1.82466	2.17299E-04	1.7548E-03	610532.43	4206400.03	6969.3164	0.00044	1.82466	2.17299E-04	6.5290E-04	
610539.43	4206400.03	7252.0292	0.00160	1.82128	2.16896E-04	1.8168E-03	610539.43	4206400.03	7252.0292	0.00045	1.82128	2.16896E-04	6.7022E-04	
610546.43	4206400.03	7552.32943	0.00167	1.81738	2.16432E-04	1.8826E-03	610546.43	4206400.03	7552.32943	0.00047	1.81738	2.16432E-04	6.8853E-04	
610553.43	4206400.03	7872.13676	0.00174	1.81289	2.15897E-04	1.9526E-03	610553.43	4206400.03	7872.13676	0.00049	1.81289	2.15897E-04	7.0799E-04	
610560.43	4206400.03	8216.59241	0.00181	1.80812	2.15329E-04	2.0280E-03	610560.43	4206400.03	8216.59241	0.00051	1.80812	2.15329E-04	7.2895E-04	
610567.43	4206400.03	8586.93844	0.00189	1.80280	2.14708E-04	2.1051E-03	610567.43	4206400.03	8586.93844	0.00054	1.80280	2.14708E-04	7.5148E-04	
610574.43	4206400.03	8985.68351	0.00198	1.79697	2.14001E-04	2.1964E-03	610574.43	4206400.03	8985.68351	0.00056	1.79697	2.14001E-04	7.7570E-04	
610581.43	4206400.03	9418.09557	0.00208	1.79040	2.13219E-04	2.2910E-03	610581.43	4206400.03	9418.09557	0.00059	1.79040	2.13219E-04	8.0195E-04	
610588.43	4206400.03	9888.67922	0.00218	1.78281	2.12315E-04	2.3939E-03	610588.43	4206400.03	9888.67922	0.00062	1.78281	2.12315E-04	8.3046E-04	
610595.43	4206400.03	10405.79199	0.00230	1.77439	2.11312E-04	2.5070E-03	610595.43	4206400.03	10405.79199	0.00065	1.77439	2.11312E-04	8.6178E-04	
610602.43	4206400.03	10975.72478	0.00242	1.76481	2.10171E-04	2.6316E-03	610602.43	4206400.03	10975.72478	0.00069	1.76481	2.10171E-04	8.9627E-04	
610609.43	4206400.03	11607.61584	0.00256	1.75400	2.08884E-04	2.7697E-03	610609.43	4206400.03	11607.61584	0.00073	1.75400	2.08884E-04	9.3448E-04	
610616.43	4206400.03	12311.18149	0.00272	1.74184	2.07436E-04	2.9235E-03	610616.43	4206400.03	12311.18149	0.00077	1.74184	2.07436E-04	9.7701E-04	
610623.43	4206400.03	13091.4644	0.00289	1.72798	2.05785E-04	3.0939E-03	610623.43	4206400.03	13091.4644	0.00082	1.72798	2.05785E-04	1.0241E-03	
610630.43	4206400.03	13957.02353	0.00308	1.71231	2.03919E-04	3.2830E-03	610630.43	4206400.03	13957.02353	0.00087	1.71231	2.03919E-04	1.0764E-03	
610637.43	4206400.03	14904.56098	0.00329	1.69465	2.01816E-04	3.4908E-03	610637.43	4206400.03	14904.56098	0.00093	1.69465	2.01816E-04	1.1335E-03	
610644.43	4206400.03	15950.70959	0.00352	1.67480	1.99452E-04	3.7184E-03	610644.43	4206400.03	15950.70959	0.00100	1.67480	1.99452E-04	1.1965E-03	
610651.43	4206400.03	17107.09803	0.00377	1.65252	1.96799E-04	3.9709E-03	610651.43	4206400.03	17107.09803	0.00107	1.65252	1.96799E-04	1.2662E-03	
610658.43	4206400.03	18391.52752	0.00406	1.62765	1.93837E-04	4.2513E-03	610658.43	4206400.03	18391.52752	0.00115	1.62765	1.93837E-04	1.3435E-03	
610665.43	4206400.03	19811.51403	0.00437	1.60005	1.90550E-04	4.5612E-03	610665.43	4206400.03	19811.51403	0.00124	1.60005	1.90550E-04	1.4290E-03	
610672.43	4206400.03	21381.73418	0.00472	1.56949	1.86911E-04	4.9040E-03	610672.43	4206400.03	21381.73418	0.00134	1.56949	1.86911E-04	1.5235E-03	
610679.43	4206400.03	23107.42762	0.00510	1.53562	1.82877E-04	5.2807E-03	610679.43	4206400.03	23107.42762	0.00144	1.53562	1.82877E-04	1.6273E-03	
610686.43	4206400.03	24986.28198	0.00551	1.49795	1.78391E-04	5.6907E-03	610686.43	4206400.03	24986.28198	0.00156	1.49795	1.78391E-04	1.7403E-03	
610693.43	4206400.03	27007.63771	0.00596	1.45607	1.73404E-04	6.1317E-03	610693.43	4206400.03	27007.63771	0.00169	1.45607	1.73404E-04	1.8617E-03	
610700.43	4206400.03	29154.00575	0.00643	1.40989	1.67904E-04	6.5997E-03	610700.43	4206400.03	29154.00575	0.00182	1.40989	1.67904E-04	1.9903E-03	
610707.43	4206400.03	31472.33159	0.00694	1.35969	1.61926E-04	7.1052E-03	610707.43	4206400.03	31472.33159	0.00197	1.35969	1.61926E-04	2.1293E-03	
610714.43	4206400.03	33905.44659	0.00748	1.30822	1.55558E-04	7.6356E-03	610714.43	4206400.03	33905.44659	0.00212	1.30822	1.55558E-04	2.2750E-03	
610721.43	4206400.03	36386.86036	0.00803	1.25044	1.48915E-04	8.1764E-03	610721.43	4206400.03	36386.86036	0.00227	1.25044	1.48915E-04	2.4235E-03	
610735.43	4206400.03	41417.18998	0.00914	1.13596	1.35282E-04	9.2726E-03	610735.43	4206400.03	41417.18998	0.00259	1.13596	1.35282E-04	2.7243E-03	
610742.43	4206400.03	43905.17772	0.00969	1.07913	1.28514E-04	9.8146E-03	610742.43	4206400.03	43905.17772	0.00274	1.07913	1.28514E-04	2.8730E-03	
610749.43	4206400.03	46330.33686	0.01022	1.02356	1.21896E-04	1.0341E-02	610749.43	4206400.03	46330.33686	0.00290	1.02356	1.21896E-04	3.0180E-03	
610756.43	4206400.03	48646.02621	0.01073	0.96979	1.15492E-04	1.0847E-02	610756.43	4206400.03	48646.02621	0.00304	0.96979	1.15492E-04	3.1564E-03	
610763.43	4206400.03	50863.18322	0.01122	0.91817	1.09345E-04	1.1330E-02	610763.43	4206400.03	50863.18322	0.00318	0.91817	1.09345E-04	3.2888E-03	
610770.43	4206400.03	53896.42042	0.01167	0.86897	1.03486E-04	1.1775E-02	610770.43	4206400.03	53896.42042	0.00331	0.86897	1.03486E-04	3.4102E-03	
610777.43	4206400.03	54603.12586	0.01205	0.82229	9.79266E-05	1.2144E-02	610777.43	4206400.03	54603.12586	0.00341	0.82229	9.79266E-05	3.5112E-03	
610784.43	4206400.03	56117.20601	0.01238	0.77821	9.26771E-05	1.2473E-02	610784.43	4206400.03	56117.20601	0.00351	0.77821	9.26771E-05	3.6006E-03	
610791.43	4206400.03	57416.8293	0.01267	0.73669	8.77325E-05	1.2755E-02	610791.43	4206400.03	57416.8293	0.00359	0.73669	8.77325E-05	3.6769E-03	
610798.43	4206400.03	58484.28122	0.01290	0.69768	8.30868E-05	1.2986E-02	610798.43	4206400.03	58484.28122	0.00366	0.69768	8.30868E-05	3.7390E-03	
610805.43	4206400.03	59309.05125	0.01308	0.66109	7.87293E-05	1.3161E-02	610805.43	4206400.03	59309.05125	0.00371	0.66109	7.87293E-05	3.7861E-03	
610812.43	4206400.03	59880.10295	0.01321	0.62680	7.46457E-05	1.3285E-02	610812.43	4206400.03	59880.10295	0.00374	0.62680	7.46457E-05	3.8178E-03	
610833.43	4206400.03	60232.73863	0.01329	0.53658	6.39014E-05	1.3352E-02	610833.43	4206400.03	60232.73863	0.00377	0.53658	6.39014E-05	3.8291E-03	
610840.43	4206400.03	59957.14518	0.01323	0.51029	6.07705E-05	1.3288E-02	610840.43	4206400.03	59957.14518	0.00375	0.51029	6.07705E-05	3.8087E-03	
610847.43	4206400.03	59523.06534	0.01313	0.48570	5.78421E-05	1.3189E-02	610847.43	4206400.03	59523.06534	0.00372	0.48570	5.78421E-05	3.7786E-03	
610854.43	4206400.03	58959.17701	0.01301	0.46270	5.51030E-05	1.3062E-02	610854.43	4206400.03	58959.17701	0.00369	0.46270	5.51030E-05	3.7407E-03	
610861.43	4206400.03	58280.69634	0.01286	0.44116	5.25378E-05	1.2910E-02	610861.43	4206400.03	58280.69634	0.00364	0.44116	5.25378E-05	3.6957E-03	
610868.43	4206400.03	57505.25222	0.01269	0.42097	5.01334E-05	1.2737E-02	610868.43	4206400.03	57505.25222	0.00359	0.42097	5.01334E-05	3.6448E-03	
610875.43	4206400.03	56650.41466	0.01250	0.40204	4.78790E-05	1.2546E-02	610875.43	4206400.03	56650.41466	0.00354	0.40204	4.78790E-05	3.5891E-03	
610882.43	4206400.03	55731.99862	0.01230	0.38427	4.57628E-05	1.2341E-02	610882.43	4206400.03	55731.99862	0.00348	0.38427	4.57628E-05	3.5296E-03	
610889.43	4206400.03	54763.5381	0.01208	0.36758	4.37751E-05	1.2125E-02	610889.43	4206400.03	54763.5381	0.00342	0.36758	4.37751E-05	3.4671E-03	
610896.43	4206400.03	53756.41634	0.01186	0.35189	4.19066E-05	1.1901E-02	610896.43	4206400.03	53756.41634	0.00336	0.35189	4.19066E-05	3.4022E-03	
610903.43	4206400.03	52720.98781	0.01163	0.33712	4.01477E-05	1.1671E-02	610903.43	4206400.03	52720.98781	0.00330	0.33712	4.01477E-05	3.3357E-03	
610910.43	4206400.03	51665.51663	0.01140	0.32323	3.84935E-05	1.1437E-02	610910.43	4206400.03	51665.51663	0.00323	0.32323	3.84935E-05	3.2681E-03	
610917.43	4206400.03	50597.32761	0.01116	0.31013	3.69134E-05	1.1196E-02	610917.43	4206400.03	50597.32761	0.00316	0.31013	3.69134E-05	3.1998E-03	
610924.43	4206400.03	49522.22297	0.01093	0.29778	3.54627E-05	1.0961E-02	610924.43	4206400.03	49522.22297	0.00310	0.29778	3.54627E-05	3.1311E-03	
610931.43	4206400.03	48445.2642	0.01069	0.28612	3.40741E-05	1.0726E-02	610931.43	4206400.03	48445.2642	0.00303	0.28612	3.40741E-05	3.0624E-03	
610938.43	4206400.03	47370.6674	0.01045	0.27511	3.27629E-05	1.0483E-02	610938.43	4206400.03	47370.6674	0.00296	0.27511	3.27629E-05	2.9939E-03	
610945.43	4206400.03	46302.11681	0.01021	0.26469	3.15220E-05	1.0246E-02	610945.43	4206400.03	46302.11681	0.00289	0.25484	3.15220E-05	2.9250E-03	
610952.43	4206400.03	45242.07178	0.00998	0.25484	3.03489E-05	1.0013E-02	610952.43	4206400.03	45242.07178	0.00283	0.25484	3.03489E-05	2.8584E-03	
610959.43	4206400.03	44193.2913	0.00975	0.24551	2.92378E-05	9.7788E-03	610959.43	4206400.03	44193.2913	0.00276	0.24551	2.92378E-05	2.7918E-03	
610966.43	4206400.03	43157.46334	0.00952	0.23666	2.81839E-05	9.5493E-03	610966.43	4206400.03	43157.46334	0.00270	0.23666	2.81839E-05	2.7260E-03	
610973.43	4206400.03	42136.1683	0.00930	0.22828	2.71859E-05	9.3280E-03	610973.43	4206400.03	42136.1683	0.00263	0.22828	2.71859E-05	2.6611E-03	
610980.43	4206400.03	41130.93404	0.00907	0.22031	2.62367E-05	9.1033E-03	610980.43	4206400.03	41130.93404	0.00257	0.22031	2.62367E-05	2.5973E-03	
611008.43	4206400.03	37285.30098	0.00823	0.19219	2.28879E-05	8.2485E-03	611008.43	4206400.03	37285.30098	0.00233	0.19219	2.28879E-05	2.2665E-03	
611015.43	4206400.03	36370.62172	0.00802	0.18599	2.21496E-05	8.0460E-03	611015.43	4206400.03	36370.62172	0.00227	0.18599	2.21496E-05	2.2957E-03	
611022.43	4206400.03	35475.1813	0.00783	0.18007	2.14466E-05	7.8478E-03	611022.43	4206400.03	35475.1813	0.00222	0.18007	2.14466E-05	2.2390E-03	
611029.43	4206400.03	34599.25068	0.00763	0.17442	2.07717E-05	7.6538E-03	611029.43	4206400.03	34599.25068	0.00216	0.17442	2.07717E-05	2.2138E-03	
611036.43	4206400.03	33742.71983	0.00744	0.16903	2.01298E-05	7.4642E-03	611036.43	4206400.03	33742.71983	0.00211	0.16903	2.01298E-05	2.1294E-03	
611043.43	4206400.03	32905.69878	0.00726	0.16388	1.95165E-05	7.2790E-03	611043.43	4206400.03	32905.69878	0.00206	0.16388	1.95165E-05	2.0765E-03	
611050.43	4206400.03	32087.95138	0.00708	0.15896	1.89306E-05	7.0980E-03	611050.43	4206400.03	32087.95138	0.00201	0.15896	1.89306E-05	2.0248E-03	
611057.43	4206400.03	31289.47618	0.00690	0.15425	1.83697E-05	6.9213E-03	611057.43	4206400.03	31289.47618	0.00196	0.15425	1.83697E-05	1.9743E-03	
611064.43	4206400.03	30510.10606	0.00673	0.14974	1.78326E-05	6.7488E-03	611064.43	4206400.03	30510.10606	0.00191	0.14974	1.78326E-05	1.9250E-03	
611078.43	4206400.03	29007.61214	0.00640	0.14129	1.68262E-05	6.4163E-03	611078.43	4206400.03	29007.61214	0.00181	0.14129	1.68262E-05	1.8301E-03	
611085.43	4206400.03	28284.04603	0.00624	0.13733	1.63546E-05	6.2562E-03	611085.43	4206400.03	28284.04603	0.00177	0.13733	1.63546E-05	1.7844E-03	
611092.43	4206400.03	27578.58513	0.00608	0.13353	1.59021E-05	6.1031E-03	611092.43	4206400.03	27578.58513	0.00172	0.13353	1.59021E-05	1.7398E-03	
610294.43	4206407.03	2397.1967	0.00053	1.67189	1.99106E-04	7.2800E-04	610294.43	4206407.03	2397.1967	0.00015	1.67189	1.99106E-04	3.4897E-04	
610301.43	4206407.03	2453.31665	0.00054	1.67467	1.99437E-04	7.4067E-04	610301.43	4206407.03	2453.31665	0.00015	1.67467	1.99437E-04	3.5279E-04	
610308.43	4206407.03	2511.17056	0.00055	1.67756	1.99781E-04	7.5378E-04	610308.43	4206407.03	2511.17056	0.00016	1.67756	1.99781E-04	3.5675E-04	
610315.43	4206407.03	2571.18232	0.00057	1.68051	2.00132E-04	7.6737E-04	610315.43	4206407.03	2571.18232	0.00016	1.68051	2.00132E-04	3.6086E-04	
610322.43	4206407.03	2633.7422	0.00058	1.68335	2.00470E-04	7.8151E-04	610322.43	4206407.03	2633.7422	0.00016	1.68335	2.00470E-04	3.6511E-04	
610329.43	4206407.03	2698.47538	0.00060	1.68630	2.00822E-04	7.9614E-04	610329.43	4206407.03	2698.47538	0.00017	1.68630	2.00822E-04	3.6950E-04	
610336.43	4206407.03	2765.97692	0.00061	1.68916	2.01162E-04	8.1137E-04	610336.43	4206407.03	2765.97692	0.00017	1.68916	2.01162E-04	3.7406E-04	
610343.43	4206407.03	2838.10638	0.00063	1.69079	2.01356E-04	8.2748E-04	610343.43	4206407.03	2838.10638	0.00018	1.69079	2.01356E-04	3.7877E-04	
610350.43	4206407.03	2913.14669	0.00064	1.69204	2.01505E-04	8.4419E-04	610350.43	4206407.03	2913.14669	0.00018	1.69204	2.01505E-04	3.8361E-04	
610357.43	4206407.03	2991.2956	0.00066	1.69291	2.01609E-04	8.6153E-04	610357.43	4206407.03	2991.2956	0.00019	1.69291	2.01609E-04	3.8860E-04	
610364.43	4206407.03	3072.61997	0.00068	1.69345	2.01673E-04	8.7954E-04	610364.43	4206407.03	3072.61997	0.00019	1.69345	2.01673E-04	3.9374E-04	
610371.43	4206407.03	3157.39266	0.00070	1.69371	2.01704E-04	8.9827E-04	610371.43	4206407.03	3157.39266	0.00020	1.69371	2.01704E-04	3.9907E-04	
610378.43	4206407.03	3245.67226	0.00072	1.69373	2.01707E-04	9.1775E-04	610378.43	4206407.03	3245.67226	0.00020	1.69373	2.01707E-04	4.0458E-04	
610385.43	4206407.03	3337.69822	0.00074	1.69357	2.01687E-04	9.3803E-04	610385.43	4206407.03	3337.69822	0.00021	1.69357	2.01687E-04	4.1033E-04	
610392.43	4206407.03	3433.67655	0.00076	1.69327	2.01652E-04	9.5917E-04	610392.43	4206407.03	3433.67655	0.00021	1.69327	2.01652E-04	4.1629E-04	
610399.43	4206407.03	3533.80716	0.00078	1.

610959.43	4206407.03	42700.55048	0.00942	0.25242	3.00607E-05	9.45048-03	610959.43	4206407.03	42700.55048	0.00267	0.25242	3.00607E-05	2.69938-03		
610966.43	4206407.03	41770.14005	0.00922	0.24339	2.89853E-05	9.24416-03	610966.43	4206407.03	41770.14005	0.00261	0.24339	2.89853E-05	2.64008-03		
610973.43	4206407.03	40847.46715	0.00901	0.23483	2.79659E-05	9.03956-03	610973.43	4206407.03	40847.46715	0.00255	0.23483	2.79659E-05	2.58138-03		
610980.43	4206407.03	39934.01916	0.00881	0.22668	2.69953E-05	8.83706-03	610980.43	4206407.03	39934.01916	0.00250	0.22668	2.69953E-05	2.52336-03		
611001.43	4206407.03	37263.27429	0.00822	0.20456	2.43611E-05	8.24516-03	611001.43	4206407.03	37263.27429	0.00233	0.20456	2.43611E-05	2.35376-03		
611008.43	4206407.03	36399.5613	0.00803	0.19787	2.35644E-05	8.05386-03	611008.43	4206407.03	36399.5613	0.00228	0.19787	2.35644E-05	2.29886-03		
611015.43	4206407.03	35550.39782	0.00784	0.19150	2.28058E-05	7.86576-03	611015.43	4206407.03	35550.39782	0.00222	0.19150	2.28058E-05	2.24516-03		
611022.43	4206407.03	34716.27938	0.00766	0.18542	2.20817E-05	7.68326-03	611022.43	4206407.03	34716.27938	0.00217	0.18542	2.20817E-05	2.19326-03		
611029.43	4206407.03	33897.6394	0.00748	0.17962	2.13910E-05	7.49976-03	611029.43	4206407.03	33897.6394	0.00212	0.17962	2.13910E-05	2.14036-03		
611036.43	4206407.03	33094.69339	0.00730	0.17408	2.07312E-05	7.32196-03	611036.43	4206407.03	33094.69339	0.00207	0.17408	2.07312E-05	2.08956-03		
611043.43	4206407.03	32307.80949	0.00713	0.16878	2.01000E-05	7.14766-03	611043.43	4206407.03	32307.80949	0.00202	0.16878	2.01000E-05	2.03976-03		
611050.43	4206407.03	31536.97955	0.00696	0.16371	1.94962E-05	6.97706-03	611050.43	4206407.03	31536.97955	0.00197	0.16371	1.94962E-05	1.99096-03		
611057.43	4206407.03	30782.50729	0.00679	0.15887	1.89198E-05	6.81006-03	611057.43	4206407.03	30782.50729	0.00192	0.15887	1.89198E-05	1.94316-03		
611064.43	4206407.03	30044.13199	0.00663	0.15422	1.83661E-05	6.64656-03	611064.43	4206407.03	30044.13199	0.00188	0.15422	1.83661E-05	1.89646-03		
611078.43	4206407.03	28616.13751	0.00631	0.14552	1.73300E-05	6.33046-03	611078.43	4206407.03	28616.13751	0.00179	0.14552	1.73300E-05	1.80616-03		
611085.43	4206407.03	27926.32136	0.00616	0.14143	1.68429E-05	6.17786-03	611085.43	4206407.03	27926.32136	0.00175	0.14143	1.68429E-05	1.76256-03		
611092.43	4206407.03	27252.32605	0.00601	0.13751	1.63766E-05	6.02866-03	611092.43	4206407.03	27252.32605	0.00170	0.13751	1.63766E-05	1.71996-03		
610294.43	4206414.03	2333.29478	0.00051	1.54013	1.83414E-04	6.98176-04	610294.43	4206414.03	2333.29478	0.00015	1.54013	1.83414E-04	3.29276-04		
610301.43	4206414.03	2386.79153	0.00053	1.54269	1.83718E-04	7.10286-04	610301.43	4206414.03	2386.79153	0.00015	1.54269	1.83718E-04	3.29256-04		
610308.43	4206414.03	2442.44009	0.00054	1.54509	1.84005E-04	7.22846-04	610308.43	4206414.03	2442.44009	0.00015	1.54509	1.84005E-04	3.36686-04		
610315.43	4206414.03	2499.99991	0.00055	1.54764	1.84309E-04	7.35846-04	610315.43	4206414.03	2499.99991	0.00016	1.54764	1.84309E-04	3.40586-04		
610322.43	4206414.03	2559.90941	0.00056	1.55010	1.84602E-04	7.49356-04	610322.43	4206414.03	2559.90941	0.00016	1.55010	1.84602E-04	3.44626-04		
610329.43	4206414.03	2621.92004	0.00058	1.55265	1.84905E-04	7.63346-04	610329.43	4206414.03	2621.92004	0.00016	1.55265	1.84905E-04	3.48806-04		
610336.43	4206414.03	2686.49835	0.00059	1.55515	1.85203E-04	7.77886-04	610336.43	4206414.03	2686.49835	0.00017	1.55515	1.85203E-04	3.53146-04		
610343.43	4206414.03	2755.48408	0.00061	1.55684	1.85404E-04	7.93306-04	610343.43	4206414.03	2755.48408	0.00017	1.55684	1.85404E-04	3.57656-04		
610350.43	4206414.03	2827.21724	0.00062	1.55820	1.85566E-04	8.09266-04	610350.43	4206414.03	2827.21724	0.00018	1.55820	1.85566E-04	3.62306-04		
610357.43	4206414.03	2901.83223	0.00064	1.55923	1.85689E-04	8.25876-04	610357.43	4206414.03	2901.83223	0.00018	1.55923	1.85689E-04	3.67086-04		
610364.43	4206414.03	2979.48377	0.00066	1.55995	1.85775E-04	8.43096-04	610364.43	4206414.03	2979.48377	0.00019	1.55995	1.85775E-04	3.72026-04		
610371.43	4206414.03	3060.27773	0.00068	1.56039	1.85827E-04	8.60976-04	610371.43	4206414.03	3060.27773	0.00019	1.56039	1.85827E-04	3.7716-04		
610378.43	4206414.03	3144.39225	0.00069	1.56059	1.85851E-04	8.79556-04	610378.43	4206414.03	3144.39225	0.00020	1.56059	1.85851E-04	3.82416-04		
610385.43	4206414.03	3232.00612	0.00071	1.56059	1.85851E-04	8.99886-04	610385.43	4206414.03	3232.00612	0.00020	1.56059	1.85851E-04	3.87886-04		
610392.43	4206414.03	3323.31714	0.00073	1.56041	1.85829E-04	9.19006-04	610392.43	4206414.03	3323.31714	0.00021	1.56041	1.85829E-04	3.93576-04		
610399.43	4206414.03	3418.42828	0.00075	1.56010	1.85792E-04	9.39946-04	610399.43	4206414.03	3418.42828	0.00021	1.56010	1.85792E-04	3.99486-04		
610406.43	4206414.03	3517.56465	0.00078	1.55968	1.85742E-04	9.61776-04	610406.43	4206414.03	3517.56465	0.00022	1.55968	1.85742E-04	4.05636-04		
610413.43	4206414.03	3621.0156	0.00080	1.55916	1.85681E-04	9.84536-04	610413.43	4206414.03	3621.0156	0.00023	1.55916	1.85681E-04	4.12036-04		
610420.43	4206414.03	3728.83078	0.00082	1.55856	1.85609E-04	1.00826-03	610420.43	4206414.03	3728.83078	0.00023	1.55856	1.85609E-04	4.18706-04		
610427.43	4206414.03	3841.45495	0.00085	1.55790	1.85530E-04	1.03306-03	610427.43	4206414.03	3841.45495	0.00024	1.55790	1.85530E-04	4.25666-04		
610434.43	4206414.03	3958.9504	0.00087	1.55716	1.85442E-04	1.05886-03	610434.43	4206414.03	3958.9504	0.00025	1.55716	1.85442E-04	4.32926-04		
610441.43	4206414.03	4081.66641	0.00090	1.55637	1.85348E-04	1.08586-03	610441.43	4206414.03	4081.66641	0.00026	1.55637	1.85348E-04	4.40406-04		
610448.43	4206414.03	4209.82442	0.00093	1.55549	1.85243E-04	1.11406-03	610448.43	4206414.03	4209.82442	0.00026	1.55549	1.85243E-04	4.48406-04		
610455.43	4206414.03	4343.79937	0.00096	1.55455	1.85132E-04	1.14346-03	610455.43	4206414.03	4343.79937	0.00027	1.55455	1.85132E-04	4.56666-04		
610462.43	4206414.03	4483.87978	0.00099	1.55351	1.85008E-04	1.17426-03	610462.43	4206414.03	4483.87978	0.00028	1.55351	1.85008E-04	4.65306-04		
610469.43	4206414.03	4630.36029	0.00102	1.55237	1.84872E-04	1.20646-03	610469.43	4206414.03	4630.36029	0.00029	1.55237	1.84872E-04	4.74326-04		
610476.43	4206414.03	4783.72072	0.00106	1.55113	1.84724E-04	1.24016-03	610476.43	4206414.03	4783.72072	0.00030	1.55113	1.84724E-04	4.83766-04		
610497.43	4206414.03	5289.02165	0.00117	1.54653	1.84176E-04	1.35106-03	610497.43	4206414.03	5289.02165	0.00033	1.54653	1.84176E-04	5.14796-04		
610504.43	4206414.03	5474.19374	0.00121	1.54465	1.83953E-04	1.39166-03	610504.43	4206414.03	5474.19374	0.00034	1.54465	1.83953E-04	5.26156-04		
610511.43	4206414.03	5668.6799	0.00125	1.54255	1.83702E-04	1.43416-03	610511.43	4206414.03	5668.6799	0.00035	1.54255	1.83702E-04	5.38056-04		
610518.43	4206414.03	5873.14671	0.00130	1.54021	1.83424E-04	1.47916-03	610518.43	4206414.03	5873.14671	0.00037	1.54021	1.83424E-04	5.50566-04		
610525.43	4206414.03	6088.4538	0.00134	1.53758	1.83111E-04	1.52616-03	610525.43	4206414.03	6088.4538	0.00038	1.53758	1.83111E-04	5.63706-04		
610532.43	4206414.03	6315.3301	0.00139	1.53463	1.82759E-04	1.57606-03	610532.43	4206414.03	6315.3301	0.00039	1.53463	1.82759E-04	5.77536-04		
610539.43	4206414.03	6555.03853	0.00145	1.53133	1.82366E-04	1.62856-03	610539.43	4206414.03	6555.03853	0.00041	1.53133	1.82366E-04	5.92126-04		
610546.43	4206414.03	6808.56386	0.00150	1.52763	1.81926E-04	1.68406-03	610546.43	4206414.03	6808.56386	0.00043	1.52763	1.81926E-04	6.07536-04		
610553.43	4206414.03	7077.54476	0.00156	1.52348	1.81431E-04	1.74286-03	610553.43	4206414.03	7077.54476	0.00044	1.52348	1.81431E-04	6.23856-04		
610560.43	4206414.03	7365.69848	0.00162	1.51900	1.80898E-04	1.80596-03	610560.43	4206414.03	7365.69848	0.00046	1.51900	1.80898E-04	6.41336-04		
610567.43	4206414.03	7674.42838	0.00169	1.51416	1.80321E-04	1.87346-03	610567.43	4206414.03	7674.42838	0.00048	1.51416	1.80321E-04	6.60056-04		
610574.43	4206414.03	8005.84141	0.00177	1.50882	1.79686E-04	1.94596-03	610574.43	4206414.03	8005.84141	0.00050	1.50882	1.79686E-04	6.80136-04		
610581.43	4206414.03	8363.68401	0.00185	1.50291	1.78982E-04	2.02416-03	610581.43	4206414.03	8363.68401	0.00052	1.50291	1.78982E-04	7.01806-04		
610588.43	4206414.03	8752.26165	0.00193	1.49639	1.78205E-04	2.10916-03	610588.43	4206414.03	8752.26165	0.00055	1.49639	1.78205E-04	7.25316-04		
610595.43	4206414.03	9176.20115	0.00202	1.48918	1.77347E-04	2.20176-03	610595.43	4206414.03	9176.20115	0.00057	1.48918	1.77347E-04	7.50956-04		
610602.43	4206414.03	9640.0856	0.00213	1.48122	1.76399E-04	2.30316-03	610602.43	4206414.03	9640.0856	0.00060	1.48122	1.76399E-04	7.79006-04		
610609.43	4206414.03	10150.38653	0.00224	1.47245	1.75354E-04	2.41476-03	610609.43	4206414.03	10150.38653	0.00063	1.47245	1.75354E-04	8.09866-04		
610616.43	4206414.03	10711.55795	0.00236	1.46287	1.74213E-04	2.53736-03	610616.43	4206414.03	10711.55795	0.00067	1.46287	1.74213E-04	8.43796-04		
610623.43	4206414.03	11327.62367	0.00250	1.45233	1.72946E-04	2.67286-03	610623.43	4206414.03	11327.62367	0.00071	1.45233	1.72946E-04	8.81046-04		
610630.43	4206414.03	12002.77849	0.00265	1.44046	1.71545E-04	2.81056-03	610630.43	4206414.03	12002.77849	0.00075	1.44046	1.71545E-04	9.21846-04		
610637.43	4206414.03	12737.4575	0.00281	1.42732	1.69980E-04	2.98006-03	610637.43	4206414.03	12737.4575	0.00080	1.42732	1.69980E-04	9.66206-04		
610644.43	4206414.03	13536.74931	0.00299	1.41272	1.68241E-04	3.15486-03	610644.43	4206414.03	13536.74931	0.00085	1.41272	1.68241E-04	1.03446-03		
610651.43	4206414.03	14410.19042	0.00318	1.39667	1.66330E-04	3.34546-03	610651.43	4206414.03	14410.19042	0.00090	1.39667	1.66330E-04	1.06716-03		
610658.43	4206414.03	15363.89668	0.00339	1.37890	1.64213E-04	3.55376-03	610658.43	4206414.03	15363.89668	0.00096	1.37890	1.64213E-04	1.12466-03		
610665.43	4206414.03	16403.72002	0.00362	1.35942	1.61893E-04	3.78086-03	610665.43	4206414.03	16403.72002	0.00103	1.35942	1.61893E-04	1.18736-03		
610672.43	4206414.03	17544.96186	0.00387	1.33804	1.59347E-04	4.03006-03	610672.43	4206414.03	17544.96186	0.00110	1.33804	1.59347E-04	1.25616-03		
610679.43	4206414.03	18791.97863	0.00415	1.31467	1.56564E-04	4.30216-03	610679.43	4206414.03	18791.97863	0.00117	1.31467	1.56564E-04	1.34116-03		
610686.43	4206414.03	20142.987	0.00444	1.28910	1.53519E-04	4.59736-03	610686.43	4206414.03	20142.987	0.00126	1.28910	1.53519E-04	1.41276-03		
610693.43	4206414.03	21608.04795	0.00477	1.26108	1.50182E-04	4.91726-03	610693.43	4206414.03	21608.04795	0.00135	1.26108	1.50182E-04	1.50086-03		
610700.43	4206414.03	23169.0133	0.00511	1.23048	1.46538E-04	5.25796-03	610700.43	4206414.03	23169.0133	0.00145	1.23048	1.46538E-04	1.59486-03		
610707.43	4206414.03	24864.77269	0.00549	1.19721	1.42576E-04	5.62816-03	610707.43	4206414.03	24864.77269	0.00155	1.19721	1.42576E-04	1.69696-03		
610714.43	4206414.03	26667.46917	0.00588	1.16146	1.38318E-04	6.02816-03	610714.43	4206414.03	26667.46917	0.00167	1.16146	1.38318E-04	1.80536-03		
610721.43	4206414.03	28544.45177	0.00630	1.12356	1.33805E-04	6.43116-03	610721.43	4206414.03	28544.45177	0.00178	1.12356	1.33805E-04	1.91816-03		
610735.43	4206414.03	32424.50533	0.00715	1.04312	1.24225E-04	7.27756-03	610735.43	4206414.03	32424.50533	0.00203	1.04312	1.24225E-04	2.15116-03		
610742.43	4206414.03	34382.21033	0.00759	1.00164	1.19285E-04	7.70456-03	610742.43	4206414.03	34382.21033	0.00215	1.00164	1.19285E-04	2.26856-03		
610749.43	4206414.03	36342.24812	0.00802	0.95998	1.14324E-04	8.13186-03	610749.43	4206414.03	36342.24812	0.00227	0.95998	1.14324E-04	2.38616-03		
610756.43	4206414.03	38255.06891	0.00844	0.91864	1.09401E-04	8.54906-03	610756.43	4206414.03	38255.06891	0.00239	0.91864	1.09401E-04	2.50776-03		
610763.43	4206414.03	40131.309	0.00885	0.87796	1.04556E-04	8.95816-03	610763.43	4206414.03	40131.309	0.00251	0.87796	1.04556E-04	2.61326-03		
610770.43	4206414.03	41901.40413	0.00924	0.83827	9.98297E-05	9.34396-03	610770.43	4206414.03	41901.40413	0.00262	0.83827	9.98297E-05	2.73916-03		
610777.43	4206414.03	43443.16825	0.00958	0.79979	9.52472E-05	9.67946-03	610777.43	4206414.03	43443.16825	0.00272	0.79979	9.52472E-05	2.83096-03		
610784.43	4206414.03	44873.05245	0.00990	0.76270	9.08300E-05	9.99046-03	610784.43	4206414.03	44873.05245	0.00281	0.76270	9.08300E-05	2.89596-03		
610791.43	4206414.03	46173.72428	0.01019	0.72712	8.65928E-05	1.02736-02	610791.43	4206414.03	46173.72428	0.00289	0.72712	8.65928E-05	2.97296-03		
610798.43	4206414.03	47310.8422	0.01044	0.69310	8.25414E-05	1.05246-02	610798.43	4206414.03	47310.8422	0.00296	0.69310	8.25414E-05	3.04126-03		
610805.43	4206414.03	48331.53786	0.01066	0.66069	7.86816E-05	1.07416-02	610805.43	4206414.03	48331.53786	0.00302	0.66069	7.86816E-05	3.09996-03		
610812.43	4206414.03	49160.44136	0.01085	0.62987	7.50113E-05	1.09206-02	610812.43	4206414.03	49160.44136	0.00307	0.62987	7.50113E-05	3.14806-03		
610833.43	4206414.03	50638.55226	0.01117	0.54671	6.51078E-05	1.12376-02	610833.43	4206414.03	50638.55226	0.00317	0.54671	6.51078E-05	3.23056-03		
610840.43	4206414.03	50811.98165	0.01121	0.52192	6.21555E-05	1.12726-02	610840.43	4206414.03	50811.98165	0.00318	0.52192	6.21555E-05	3.23846-03		
610847.43	4206414.03	50840.58849	0.01122	0.49850	5.93664E-05	1.12756-02	610847.43	4206414.03	50840.58849	0.00318	0.49850	5.93664E-05	3.23746-03		
610854.43	4206414.03	50744.47275	0.01119	0.47642	5.67369E-05	1.12526-02	610854.43	4206414.03	50744.47275	0.00317	0.47642	5.67369E-05	3.22886-03		
610861.43	4206414.03	50530.26801	0.01115	0.45556	5.42527E-05	1.12026-02	610861.43	4206414.03	50530.26801	0.00316	0.45556	5.42527E-05	3.21286-03		
610868.43	4206414.03	50210.52904	0.01108	0.43586	5.19066E-05	1.11266-02	610868.43	4206414.03	50210.52904	0.00314	0.43586	5.19066E-05	3.19066-03		
610875.43	4206414.03	49798.41879	0.01099	0.41726	4.96915E-05	1.10366-02	610875.43	4206414.03	49798.41879	0.00311	0.41726	4.96915E-05	3.16266-03		
610882.43	4206414.03	49306.00252	0.01088	0.39969	4.75901E-05	1.09256-02	610882.43	4206414.03	49306.00252	0.00308	0.39969	4.75901E-05	3.12976-03		
610889.43	4206414.03	48744.92459	0.01075	0.38309	4.56222E-05	1.07996-02	610889.43	4206414.03	48744.92459	0.00305	0.38309	4.56222E-05	3.09276-03		
610896.43	4206414.03	48125.39523	0.01062	0.36740	4.37537E-05	1.06616-02	610896.43	4206414.03	48125.39523	0.00301	0.36740	4.37537E-05	3.05216-03		
610903.43	4206414.03	47457.14059	0.01047	0.35256	4.19864E-05	1.05126-02	610903.43	4206414.03	47457.14059	0.00297	0.35256	4.19864E-05	3.00856-03		
610910.43	4206414.03	46748.3448	0.01031	0.33853	4.03156E-05	1.03546-02	610910.43	4206414.03	46748.3448	0.00292	0.33853	4.03156E-05	2.96266-03		
610917.43	4206414.03	46006.63295	0.01015	0.32525	3.87341E-05	1.01886-02	610917.43	4206414.03	46006.63295	0.00288	0.32525	3.87341E-05	2.91466-03		
610924.43	4206414.03	45238.53856	0.00998	0.31268	3.72371E-05	1.00176-02	610924.43	4206414.03	45238.53856	0.00283	0.31268	3.72371E-05	2.86516-03		
610931.43	4206414.03	44449.80919	0.00981	0.30077	3.58187E-05	9.84216-03	610931.43	4206414.03	44449.80919	0.00278	0.30077	3.58187E-05	2.81446-03		
610938.43	4206414.03	43645.56536	0.00963	0.28948	3.44742E-05	9.66336-03	610938.43	4206414.03	43645.56536	0.00273	0.28948	3.44742E-05	2.76286-03		
610945.43	4206414.03	42830.05094	0.00945	0.27877	3.31988E-05	9.48216-03	610945.43	4206414.03	42830.05094	0.00268	0.27877	3.31988E-05	2.71056-03		
610952.43	4206414.03	42007.22748	0.00927	0.26861	3.19888E-05	9.29946-03	610952.43	4206414.03	42007.22748	0.00263	0.26861	3.19888E-05	2.65796-03		
610959.43	4206414.03	41180.41082	0.00908	0.25890	3.08396E-05	9.11586-03	610959.43	4206414.03	41180.41082	0.00257	0.25890	3.08396E-05	2.60506-03		
610966.43	4206414.03	40352.41225	0.00890	0.24979	2.97475E-05	8.93206-03	610966.43	4206414.03	40352.41225	0.00252	0.24979	2.97475E-05	2.55226-03		
610973.43	4206414.03	39525.6852	0.00872	0.24107	2.87091E-05	8.74866-03	610973.43	4206414.03	39525.6852	0.00247	0.24107	2.87091E-05	2.49956-03		
610980.43	4206414.03	38702.28125	0.00854	0.23278	2.77218E-05	8.56606-03	610980.43	4206414.03	38702.28125	0.00242	0.23278	2.77218E-05	2.44706-03		
611001.43	4206414.03	36269.52798	0.00800	0.21021	2.50339E-05	8.02666-03	611001.43	4206414.03	36269.52798	0.00227	0.21021	2.50339E-05	2.29226-03		
611008.43	4206414.03	35475.4287	0.00783	0.20338	2.42205E-05	7.85086-03	611008.43	4206414.03	35475.4287	0.00222	0.20338	2.42205E-05	2.24186-03		
611015.43	4206414.03	34691.64288	0.00765	0.19686	2.34441E-05	7.67696-03	611015.43	4206414.03	34691.64288	0.00217	0.19686	2.34441E-05	2.19206-03		
611022.43	4206414.03	33918.74785	0.00748	0.19063	2.27021E-05	7.50566-03	611022.43	4206414.03	33918.74785	0.00212	0.19063	2.27021E-05	2.14306-03		
611029.43	4206414.03	33157.44842	0.00731	0.18469	2.19948E-05	7.33706-03	611029.43	4206414.03	33157.44842	0.00207	0.18469	2.19948E-05	2.09476-03		
611036.43	4206414.03	32408.5259	0.00715	0.17901	2.13183E-05	7.17116-03	611036.43	4206414.03	32408.5259	0.00203	0.17901	2.13183E-05	2.04726-03		
611043.43	4206414.03	31672.09208	0.00699	0.17358	2.06717E-05	7.00806-03	611043.43	4206414.03	31672.09208	0.00198	0.17358	2.06717E-05	2.00056-03		
611050.43	4206414.03	30948.74084	0.00683	0.16838	2.00524E-05	6.84786-03	611050.43	4206414.03	30948.74084	0.00193	0.16838	2.00524E-05	1.95476-03		
611057.43	4206414.03	30238.66593	0.00667	0.16340	1.94593E-05	6.69056-03	611057.43	4206414.03	30238.66593	0.00189	0.16340	1.94593E-05	1.90976-03		
611064.43	4206414.03	29542.04508	0.00652	0.15861	1.88913E-05	6.53636-03	611064.43	4206414.03	29542.04508	0.00185	0.15861	1.88913E-05	1.86566-03		
611078.43	4206414.03	28189.9812	0.00622	0.14968	1.78254E-05	6.23696-03	611078.43	4206414.03	28189.9812	0.00176	0.14968	1.78254E-05	1.78006-03		
611085.43	4206414.03	27534.5082	0.00607	0.14548	1.73252E-05	6.09186-03	611085.43	4206414.03	27534.5082	0.00172	0.14548	1.73252E-05	1.73856-03		
611092.43	4206414.03	26892.91815	0.00593	0.14145	1.68453E-05	5.94986-03	611092.43	4206414.03	26892.91815	0.00168	0.14145	1.68453E-05	1.69796-03		
610294.43	4206421.03	2271.46196	0.00050	1.42478	1.69677E-04	6.70706-04	610294.43	4206421.03	2271.46196	0.00014	1.42478	1.69677E-04	3.11676-04		
610301.43	4206421.03	2322.82724	0.00051	1.42709	1.69952E-04	6.82406-04	610301.43	4206421.03	2322.82724	0.00015	1.42709	1.69952E-04	3.15196-04		
610308.43	4206421.03	2376.26461	0.00052	1.42927	1.70212E-04	6.94456-04	610308.43	4206421.03	2376.26461	0.00015	1.42927	1.70212E-04	3.18756-04		
610315.43	4206421.03	2431.45334	0.00054	1.43153	1.70481E-04	7.06886-04	610315.43	4206421.03	2431.45334	0.00015	1.43153	1.70481E-04	3.22476-04		
610322.43	4206421.03	2488.91874	0.00055	1.43372	1.70742E-04	7.19836-04	610322.43	4206421.03	2488.91874	0.00016	1.43372	1.70742E-04	3.26326-04		
610329.43	4206421.03	2548.29465	0.00056	1.43596	1.71009E-04	7.33206-04	610329.43	4206421.03	2548.29465	0.00016	1.43596	1.71009E-04	3.30306-04		
610336.43	4206421.03	2610.17328	0.00058	1.43818	1.71273E-04	7.47116-04	610336.43	4206421.03	2610.17328	0.00016	1.43818	1.71273E-04	3.34446-04		
610343.43	4206421.03	2676.22943	0.00059	1.43990	1.71478E-04	7.61896-04	610343.43	4206421.03	2676.22943	0.00017	1.43990	1.71478E-04	3.38776-04		
610350.43	4206421.03	2744.84631	0.00061	1.44134	1.71649E-04	7.77206-04	610350.43	4206421.03	2744.84631	0.00017	1.44134	1.71649E-04	3.43236-04		
610357.43	4206421.03	2816.14262	0.00062	1.44249	1.71786E-04	7.93076-04	610357.43	4206421.03	2816.14262	0.00018	1.44249	1.71786E-04	3.47826-04		
610364.43	4206421.03	2890.33887	0.00064	1.44336	1.71890E-04	8.09546-04	610364.43	4206421.03	2890.33887	0.00018	1.44336	1.71890E-04	3.52576-04		
610371.43	4206421.03	2967.43886	0.00065	1.44395	1.71961E-04	8.26626-04	610371.43	4206421.03	2967.43886	0.00019	1.44395	1.71961E-04	3.57466-04		
610378.43	4206421.03	3047.66075	0.00067	1.44433	1.72005E-04	8.44366-04	610378.43	4206421.03	3047.66075	0.00019	1.44433	1.72005E-04	3.62526-04		
610385.43	4206421.03	3131.15913	0.00069	1.44448	1.72023E-04

610938.43	4206421.03	41775.89273	0.00922	0.29586	3.52340E-05	9.25168-03	610938.43	4206421.03	41775.89273	0.00261	0.29586	3.52340E-05	2.64676-03		
610945.43	4206421.03	41077.62313	0.00906	0.28508	3.39502E-05	9.09626-03	610945.43	4206421.03	41077.62313	0.00257	0.28508	3.39502E-05	2.60170-03		
610952.43	4206421.03	40365.44665	0.00891	0.27483	3.27295E-05	8.93978-03	610952.43	4206421.03	40365.44665	0.00252	0.27483	3.27295E-05	2.55608-03		
610959.43	4206421.03	39643.14004	0.00875	0.26508	3.15684E-05	8.77744-03	610959.43	4206421.03	39643.14004	0.00248	0.26508	3.15684E-05	2.50976-03		
610966.43	4206421.03	38913.65239	0.00858	0.25581	3.04644E-05	8.61535-03	610966.43	4206421.03	38913.65239	0.00243	0.25581	3.04644E-05	2.46308-03		
610973.43	4206421.03	38179.7598	0.00842	0.24698	2.94129E-05	8.45244-03	610973.43	4206421.03	38179.7598	0.00239	0.24698	2.94129E-05	2.41628-03		
610980.43	4206421.03	37443.89174	0.00826	0.23857	2.84113E-05	8.28906-03	610980.43	4206421.03	37443.89174	0.00234	0.23857	2.84113E-05	2.36906-03		
611001.43	4206421.03	35244.11051	0.00778	0.21563	2.56794E-05	7.80326-03	611001.43	4206421.03	35244.11051	0.00220	0.21563	2.56794E-05	2.22886-03		
611008.43	4206421.03	34518.72805	0.00762	0.20867	2.48505E-05	7.64026-03	611008.43	4206421.03	34518.72805	0.00216	0.20867	2.48505E-05	2.18266-03		
611015.43	4206421.03	33799.5107	0.00746	0.20202	2.40586E-05	7.48076-03	611015.43	4206421.03	33799.5107	0.00211	0.20202	2.40586E-05	2.13696-03		
611022.43	4206421.03	33087.44386	0.00730	0.19568	2.33036E-05	7.32286-03	611022.43	4206421.03	33087.44386	0.00207	0.19568	2.33036E-05	2.09166-03		
611029.43	4206421.03	32383.37495	0.00714	0.18961	2.25807E-05	7.16686-03	611029.43	4206421.03	32383.37495	0.00202	0.18961	2.25807E-05	2.04696-03		
611036.43	4206421.03	31688.1633	0.00699	0.18380	2.18888E-05	7.01276-03	611036.43	4206421.03	31688.1633	0.00198	0.18380	2.18888E-05	2.00276-03		
611043.43	4206421.03	31002.39737	0.00684	0.17825	2.12278E-05	6.86086-03	611043.43	4206421.03	31002.39737	0.00194	0.17825	2.12278E-05	1.95926-03		
611050.43	4206421.03	30326.61793	0.00669	0.17293	2.05943E-05	6.71116-03	611050.43	4206421.03	30326.61793	0.00190	0.17293	2.05943E-05	1.91636-03		
611057.43	4206421.03	29651.25417	0.00654	0.16783	1.99808E-05	6.56376-03	611057.43	4206421.03	29651.25417	0.00185	0.16783	1.99808E-05	1.87416-03		
611064.43	4206421.03	29006.77864	0.00640	0.16295	1.94057E-05	6.41876-03	611064.43	4206421.03	29006.77864	0.00181	0.16295	1.94057E-05	1.83266-03		
611078.43	4206421.03	27731.45673	0.00612	0.15378	1.83137E-05	6.13636-03	611078.43	4206421.03	27731.45673	0.00173	0.15378	1.83137E-05	1.75186-03		
611085.43	4206421.03	27111.0482	0.00598	0.14947	1.78004E-05	5.99886-03	611085.43	4206421.03	27111.0482	0.00169	0.14947	1.78004E-05	1.71256-03		
611092.43	4206421.03	26502.36346	0.00585	0.14533	1.73074E-05	5.86416-03	611092.43	4206421.03	26502.36346	0.00166	0.14533	1.73074E-05	1.67406-03		
611099.43	4206421.03	25893.87645	0.00571	0.14129	1.68144E-05	5.73536-03	611099.43	4206421.03	25893.87645	0.00162	0.14129	1.68144E-05	1.63556-03		
611106.43	4206421.03	25301.03051	0.00558	0.13731	1.63348E-05	5.60666-03	611106.43	4206421.03	25301.03051	0.00158	0.13731	1.63348E-05	1.59716-03		
611113.43	4206421.03	24724.7265	0.00545	0.13341	1.58726E-05	5.48026-03	611113.43	4206421.03	24724.7265	0.00154	0.13341	1.58726E-05	1.55966-03		
611120.43	4206421.03	24163.46469	0.00532	0.12960	1.54227E-05	5.35726-03	611120.43	4206421.03	24163.46469	0.00150	0.12960	1.54227E-05	1.52296-03		
611127.43	4206421.03	23617.19231	0.00520	0.12588	1.49768E-05	5.23766-03	611127.43	4206421.03	23617.19231	0.00147	0.12588	1.49768E-05	1.48706-03		
611134.43	4206421.03	23085.90977	0.00508	0.12225	1.45350E-05	5.11146-03	611134.43	4206421.03	23085.90977	0.00143	0.12225	1.45350E-05	1.45176-03		
611141.43	4206421.03	22569.61607	0.00496	0.11872	1.41172E-05	4.99026-03	611141.43	4206421.03	22569.61607	0.00140	0.11872	1.41172E-05	1.41706-03		
611148.43	4206421.03	22067.31312	0.00485	0.11529	1.37134E-05	4.87426-03	611148.43	4206421.03	22067.31312	0.00136	0.11529	1.37134E-05	1.38296-03		
611155.43	4206421.03	21578.01017	0.00474	0.11196	1.33137E-05	4.75886-03	611155.43	4206421.03	21578.01017	0.00133	0.11196	1.33137E-05	1.34946-03		
611162.43	4206421.03	21100.70716	0.00463	0.10873	1.29180E-05	4.65406-03	611162.43	4206421.03	21100.70716	0.00129	0.10873	1.29180E-05	1.31646-03		
611169.43	4206421.03	20634.41399	0.00453	0.10560	1.25263E-05	4.55466-03	611169.43	4206421.03	20634.41399	0.00126	0.10560	1.25263E-05	1.28426-03		
611176.43	4206421.03	20177.12802	0.00443	0.10256	1.21386E-05	4.45966-03	611176.43	4206421.03	20177.12802	0.00122	0.10256	1.21386E-05	1.25246-03		
611183.43	4206421.03	19728.93297	0.00433	0.09960	1.17548E-05	4.36946-03	611183.43	4206421.03	19728.93297	0.00119	0.09960	1.17548E-05	1.22106-03		
611190.43	4206421.03	19289.82116	0.00423	0.09673	1.13750E-05	4.28346-03	611190.43	4206421.03	19289.82116	0.00116	0.09673	1.13750E-05	1.19046-03		
611197.43	4206421.03	18860.59284	0.00414	0.09394	1.10000E-05	4.20146-03	611197.43	4206421.03	18860.59284	0.00113	0.09394	1.10000E-05	1.16046-03		
611204.43	4206421.03	18441.22139	0.00404	0.09122	1.06298E-05	4.12186-03	611204.43	4206421.03	18441.22139	0.00110	0.09122	1.06298E-05	1.13126-03		
611211.43	4206421.03	18031.70107	0.00395	0.08856	1.02643E-05	4.04426-03	611211.43	4206421.03	18031.70107	0.00107	0.08856	1.02643E-05	1.10246-03		
611218.43	4206421.03	17631.98107	0.00386	0.08596	9.90966E-06	3.96926-03	611218.43	4206421.03	17631.98107	0.00104	0.08596	9.90966E-06	1.07426-03		
611225.43	4206421.03	17241.96111	0.00377	0.08343	9.59274E-06	3.89146-03	611225.43	4206421.03	17241.96111	0.00101	0.08343	9.59274E-06	1.04666-03		
611232.43	4206421.03	16861.64111	0.00369	0.08098	9.29587E-06	3.81446-03	611232.43	4206421.03	16861.64111	0.00098	0.08098	9.29587E-06	1.02026-03		
611239.43	4206421.03	16490.92116	0.00360	0.07861	9.01132E-06	3.73856-03	611239.43	4206421.03	16490.92116	0.00095	0.07861	9.01132E-06	9.97476-04		
611246.43	4206421.03	16129.90121	0.00352	0.07633	8.74009E-06	3.66406-03	611246.43	4206421.03	16129.90121	0.00092	0.07633	8.74009E-06	9.73016-04		
611253.43	4206421.03	15778.58127	0.00343	0.07415	8.48716E-06	3.59116-03	611253.43	4206421.03	15778.58127	0.00089	0.07415	8.48716E-06	9.48556-04		
611260.43	4206421.03	15437.26132	0.00335	0.07206	8.25138E-06	3.51966-03	611260.43	4206421.03	15437.26132	0.00086	0.07206	8.25138E-06	9.24196-04		
611267.43	4206421.03	15106.94137	0.00327	0.07008	8.02460E-06	3.44926-03	611267.43	4206421.03	15106.94137	0.00084	0.07008	8.02460E-06	8.99926-04		
611274.43	4206421.03	14786.62142	0.00319	0.06820	7.80703E-06	3.37996-03	611274.43	4206421.03	14786.62142	0.00081	0.06820	7.80703E-06	8.75926-04		
611281.43	4206421.03	14476.30147	0.00312	0.06643	7.59067E-06	3.31186-03	611281.43	4206421.03	14476.30147	0.00078	0.06643	7.59067E-06	8.53026-04		
611288.43	4206421.03	14166.18152	0.00304	0.06476	7.37530E-06	3.24496-03	611288.43	4206421.03	14166.18152	0.00076	0.06476	7.37530E-06	8.30226-04		
611295.43	4206421.03	13856.06157	0.00297	0.06319	7.16093E-06	3.17896-03	611295.43	4206421.03	13856.06157	0.00073	0.06319	7.16093E-06	8.07526-04		
611302.43	4206421.03	13545.94162	0.00290	0.06172	6.94756E-06	3.11206-03	611302.43	4206421.03	13545.94162	0.00071	0.06172	6.94756E-06	7.84926-04		
611309.43	4206421.03	13235.82167	0.00283	0.06035	6.73419E-06	3.04516-03	611309.43	4206421.03	13235.82167	0.00069	0.06035	6.73419E-06	7.62726-04		
611316.43	4206421.03	12925.70172	0.00276	0.05908	6.52082E-06	2.97826-03	611316.43	4206421.03	12925.70172	0.00067	0.05908	6.52082E-06	7.40626-04		
611323.43	4206421.03	12615.58177	0.00269	0.05791	6.30745E-06	2.91136-03	611323.43	4206421.03	12615.58177	0.00065	0.05791	6.30745E-06	7.18626-04		
611330.43	4206421.03	12305.46182	0.00262	0.05674	6.09408E-06	2.84446-03	611330.43	4206421.03	12305.46182	0.00063	0.05674	6.09408E-06	6.96626-04		
611337.43	4206421.03	11995.34187	0.00255	0.05557	5.88071E-06	2.77756-03	611337.43	4206421.03	11995.34187	0.00061	0.05557	5.88071E-06	6.74626-04		
611344.43	4206421.03	11685.22192	0.00248	0.05440	5.66734E-06	2.71066-03	611344.43	4206421.03	11685.22192	0.00059	0.05440	5.66734E-06	6.52626-04		
611351.43	4206421.03	11375.10197	0.00241	0.05323	5.45397E-06	2.64376-03	611351.43	4206421.03	11375.10197	0.00057	0.05323	5.45397E-06	6.30626-04		
611358.43	4206421.03	11064.98202	0.00234	0.05206	5.24060E-06	2.57686-03	611358.43	4206421.03	11064.98202	0.00055	0.05206	5.24060E-06	6.08626-04		
611365.43	4206421.03	10754.86207	0.00227	0.05089	5.02723E-06	2.50996-03	611365.43	4206421.03	10754.86207	0.00053	0.05089	5.02723E-06	5.86626-04		
611372.43	4206421.03	10444.74212	0.00220	0.04972	4.81386E-06	2.44306-03	611372.43	4206421.03	10444.74212	0.00051	0.04972	4.81386E-06	5.64626-04		
611379.43	4206421.03	10134.62217	0.00213	0.04855	4.60049E-06	2.37616-03	611379.43	4206421.03	10134.62217	0.00049	0.04855	4.60049E-06	5.42626-04		
611386.43	4206421.03	9824.502221	0.00206	0.04738	4.38712E-06	2.30926-03	611386.43	4206421.03	9824.502221	0.00047	0.04738	4.38712E-06	5.20626-04		
611393.43	4206421.03	9514.382272	0.00199	0.04621	4.17375E-06	2.24236-03	611393.43	4206421.03	9514.382272	0.00045	0.04621	4.17375E-06	4.98626-04		
611400.43	4206421.03	9204.262322	0.00192	0.04504	3.96038E-06	2.17546-03	611400.43	4206421.03	9204.262322	0.00043	0.04504	3.96038E-06	4.76626-04		
611407.43	4206421.03	8894.142372	0.00185	0.04387	3.74701E-06	2.10856-03	611407.43	4206421.03	8894.142372	0.00041	0.04387	3.74701E-06	4.54626-04		
611414.43	4206421.03	8584.022422	0.00178	0.04270	3.53364E-06	2.04166-03	611414.43	4206421.03	8584.022422	0.00039	0.04270	3.53364E-06	4.32626-04		
611421.43	4206421.03	8273.902472	0.00171	0.04153	3.32027E-06	1.97476-03	611421.43	4206421.03	8273.902472	0.00037	0.04153	3.32027E-06	4.10626-04		
611428.43	4206421.03	7963.782522	0.00164	0.04036	3.10690E-06	1.90786-03	611428.43	4206421.03	7963.782522	0.00035	0.04036	3.10690E-06	3.88626-04		
611435.43	4206421.03	7653.662572	0.00157	0.03919	2.89353E-06	1.84096-03	611435.43	4206421.03	7653.662572	0.00033	0.03919	2.89353E-06	3.66626-04		
611442.43	4206421.03	7343.542622	0.00150	0.03802	2.68016E-06	1.77406-03	611442.43	4206421.03	7343.542622	0.00031	0.03802	2.68016E-06	3.44626-04		
611449.43	4206421.03	7033.422672	0.00143	0.03685	2.46679E-06	1.70716-03	611449.43	4206421.03	7033.422672	0.00029	0.03685	2.46679E-06	3.22626-04		
611456.43	4206421.03	6723.302722	0.00136	0.03568	2.25342E-06	1.64026-03	611456.43	4206421.03	6723.302722	0.00027	0.03568	2.25342E-06	3.00626-04		
611463.43	4206421.03	6413.182772	0.00129	0.03451	2.04005E-06	1.57336-03	611463.43	4206421.03	6413.182772	0.00025	0.03451	2.04005E-06	2.78626-04		
611470.43	4206421.03	6102.962822	0.00122	0.03334	1.82668E-06	1.50646-03	611470.43	4206421.03	6102.962822	0.00023	0.03334	1.82668E-06	2.56626-04		
611477.43	4206421.03	5792.842872	0.00115	0.03217	1.61331E-06	1.43956-03	611477.43	4206421.03	5792.842872	0.00021	0.03217	1.61331E-06	2.34626-04		
611484.43	4206421.03	5482.722922	0.00108	0.03100	1.39994E-06	1.37266-03	611484.43	4206421.03	5482.722922	0.00019	0.03100	1.39994E-06	2.12626-04		
611491.43	4206421.03	5172.602972	0.00101	0.02983	1.18657E-06	1.30576-03	611491.43	4206421.03	5172.602972	0.00017	0.02983	1.18657E-06	1.90626-04		
611498.43	4206421.03	4862.483022	0.00094	0.02866	9.73203E-07	1.23886-03	611498.43	4206421.03	4862.483022	0.00016	0.02866	9.73203E-07	1.68626-04		
611505.43	4206421.03	4552.363072	0.00087	0.02749	7.74876E-07	1.17196-03	611505.43	4206421.03	4552.363072	0.00014	0.02749	7.74876E-07	1.46626-04		
611512.43	4206421.03	4242.243122	0.00080	0.02632	5.76574E-07	1.10506-03	611512.43	4206421.03	4242.243122	0.00012	0.02632	5.76574E-07	1.24626-04		
611519.43	4206421.03	3932.123172	0.00073	0.02515	3.78272E-07	1.03816-03	611519.43	4206421.03	3932.123172	0.00010	0.02515	3.78272E-07	1.02626-04		
611526.43	4206421.03	3622.003222	0.00066	0.02398	1.79969E-07	9.71256-04	611526.43	4206421.03	3622.003222	0.00009	0.02398	1.79969E-07	8.80626-05		
611533.43	4206421.03	3311.883272	0.00059	0.02281	1.45577E-07	9.04136-04	611533.43	4206421.03	3311.883272	0.00007	0.02281	1.45577E-07	7.58626-05		
611540.43	4206421.03	3001.763322	0.00052	0.02164	1.11155E-07	8.36946-04	611540.43	4206421.03	3001.763322	0.00006	0.02164	1.11155E-07	6.36626-05		
611547.43	4206421.03	2691.643372	0.00045	0.02047	8.57733E-08	7.69756-04	611547.43	4206421.03	2691.643372	0.00005	0.02047	8.57733E-08	5.14626-05		
611554.43	4206421.03	2381.523422	0.00038	0.01930	6.33911E-08	7.02566-04	611554.43	4206421.03	2381.523422	0.00003	0.01930	6.33911E-08	3.92626-05		
611561.43	4206421.03	2071.403472	0.00031	0.01813	4.34049E-08	6.35376-04	611561.43	4206421.03	2071.403472	0.00002	0.01813	4.34049E-08	2.70626-05		
611568.43	4206421.03	1761.283522	0.00024	0.01696	2.68187E-08	5.68186-04	611568.43	4206421.03	1761.283522	0.00002	0.01696	2.68187E-08	1.68626-05		
611575.43	4206421.03	1451.163572	0.00017	0.01579	1.36325E-08	5.01006-04	611575.43	4206421.03	1451.163572	0.00001	0.01579	1.36325E-08	8.46266-06		
611582.43	4206421.03	1141.043622	0.00010	0.01462	6.04629E-09	4.33816-04	611582.43	4206421.03	1141.043622	0.00001	0.01462	6.04629E-09	3.74626-06		
611589.43	4206421.03	830.9236722	0.00003	0.01345	1.98298E-09	3.66626-04	611589.43	4206421.03	830.9236722	0.00000	0.01345	1.98298E-09	1.22626-06		
611596.43	4206421.03	520.8036772	0.00001	0.01228	4.08124E-10	2.99436-04	611596.43	4206421.03	520.8036772	0.00000	0.01228	4.08124E-10	2.52626-07		
611603.43	4206421.03	210.6836822	0.00000	0.01111	3.40103E-11	2.72196-04	611603.43	4206421.03	210.6836822	0.00000	0.01111	3.40103E-11	2.10626-08		
611610.43	4206421.03	100.5636872	0.00000	0.01053	7.74875E-12	2.58116-04	611610.43	4206421.03	100.5636872	0.00000	0.01053	7.74875E-12	1.00626-09		
611617.43	4206421.03	90.44369222	0.00000	0.01000	1.77125E-12	2.45116-04	611617.43	4206421.03	90.44369222	0.00000	0.01000	1.77125E-12	9.05626-10		
611624.43	4206421.03	80.30369722	0.00000	0.00947	4.05124E-13	2.32106-04	611624.43	4206421.03	80.30369722	0.00000	0.00947	4.05124E-13	8.04626-11		
611631.43	4206421.03	70.16370222	0.00000	0.00894	9.26124E-14	2.19106-04	611631.43	4206421.03	70.16370222	0.00000	0.00894	9.26124E-14	7.04626-12		
611638.43	4206421.03	60.02370722	0.00000	0.00841	2.11725E-14	2.06116-04	611638.43	4206421.03	60.02370722	0.00000	0.00841	2.11725E-14	6.02626-13		
611645.43	4206421.03	49.88371222	0.00000	0.00788	4.84005E-15	1.93126-04	611645.43	4206421.03	49.88371222	0.00000	0.00788	4.84005E-15	5.00626-14		
611652.43	4206421.03	39.74371722	0.00000	0.00735	1.10658E-15	1.80136-04	611652.43	4206421.03	39.74371722	0.00000	0.00735	1.10658E-15	3.98626-15		
611659.43	4206421.03	29.60372222	0.00000	0.00682	2.52955E-16	1.67146-04	611659.43	4206421.03	29.60372222	0.00000	0.00682	2.52955E-16	2.98626-16		
611666.43	4206421.03	19.46372722	0.00000	0.00629	5.78252E-17	1.54156-04	611666.43	4206421.03	19.46372722	0.00000	0.00629	5.78252E-17	1.98626-17		
611673.43	4206421.03	9.323232222	0.00000	0.00576	1.32172E-17	1.41176-04	611673.43	4206421.03	9.323232222	0.00000	0.00576	1.32172E-17	9.35376-04		
611680.43	4206421.03	0.817732722	0.00000	0.00523	3.02163E-18	1.28176-04	611680.43	4206421.03	0.817732722	0.00000	0.00523	3.02163E-18	1.08626-18		
611687.43	4206421.03	0.687732722	0.00000	0.00470	6.90744E-19	1.15176-04	611687.43	4206421.03	0.687732722	0.00000	0.00470	6.90744E-19	9.14626-19		
611694.43	4206421.03	0.557732722	0.00000	0.00417	1.57844E-19	1.02176-04	611694.43	4206421.03	0.557732722	0.00000	0.00417	1.57844E-19	7.94626-20		
611701.43	4206421.03	0.427732722	0.00000	0.00364	3.60744E-20	8.91756-05	611701.43	4206421.03	0.427732722	0.00000	0.00364	3.60744E-20	6.74626-21		
611708.43	4206421.03	0.297732722	0.00000	0.00311	8.24544E-21	7.61926-05	611708.43	4206421.03	0.297732722	0.00000	0.00311	8.24544E-21	4.74626-22		
611715.43	4206421.03	0.167732722	0.00000	0.00258	1.88436E-21	6.32746-05	611715.43	4206421.03	0.167732722	0.00000	0.00258	1.88436E-21	2.74626-23		
611722.43	4206421.03	0.037732722	0.00000	0.00205	4.30572E-22	5.03566-05	611722.43	4206421.03	0.037732722	0.00000	0.00205	4.30572E-22	7.74626-25		
611729.43	4206421.03	-0.09226728	0.00000	0.00152	9.83736E-23	3.73986-05	611729.43	4206421.03	-0.09226728	0.00000	0.00152	9.83736E-23	1.74626-26		
611736.43	4206421.03	-0.21226728	0.00000	0.00099	2.24808E-23	2.43546-05	611736.43	4206421.03	-0.21226728	0.00000	0.00099	2.24808E-23	1.26626-27		
611743.43	4206421.03	-0.31226728	0.00000	0.00046	5.13615E-24	1.13116-05	611743.43	4206421.03	-0.31226728	0.00000	0.00046	5.13615E-24	5.74626-29		
611750.43	4206421.03	-0.39226728	0.00000	0.00008	1.17324E-24	2.08116-06	611750.43	4206421.03	-0.39226728	0.00000	0.00008	1.17324E-24	9.74626-30		
611757.43	4206421.03	-0.45226728	0.00000	-0.00029	2.68062E-25	7.68116-06	611757.43	4206421.03	-0.45226728	0.00000	-0.00029	2.68062E-25	1.24626-31		
611764.43	4206421.03	-0.49226728	0.00000	-0.00066	6.12504E-26	1.23116-05	611764.43	4206421.03	-0.49226728	0.00000	-0.00066	6.12504E-26	1.98626-33		
611771.43	4206421.03	-0.51226728	0.00000	-0.00097	1.39944E-26	1.58116-05	611771.43	4206421.03	-0.51226728	0.00000	-0.00097	1.39944E-26	3.18626-34		
611778.43	4206421.03	-0.53226728	0.00000	-0.00120	3.19719E-27	1.93116-05	611778.43	4206421.03	-0.53226728	0.00000	-0.00120	3.19719E-27	5.14626-35		
611785.43	4206421.03	-0.55226728	0.00000	-0.00139	7.30284E-28	2.28116-05	611785.43	4206421.03	-0.55226728	0.00000	-0.00139	7.30284E-28	8.26626-36		
611792.43	4206421.03	-0.57226728	0.00000	-0.00156	1.66835E-28	2.63116-05	611792.43	4206421.03	-0.57226728	0.00000	-0.00156	1.66835E-28	1.33626-37		
611799.43	4206421.03	-0.59226728	0.00000	-0.00171	3.81216E-29	3.03116-05	611799.43	4206421.03	-0.59226728	0.00000	-0.00171	3.81216E-29	2.14626-38		
611806.43	4206421.03	-0.61226728	0.00000	-0.00185	8.71104E-30	3.48116-05	611806.43	4206421.03	-0.61226728	0.00000	-0.00185	8.71104E-30	3.42626-39		
611813.43	4206421.03	-0.63226728	0.00000	-0.00198	1.99044E-30	3.98116-05	611813.43	4206421.03	-0.63226728	0.00000	-0.00198	1.99044E-30	5.38626-40		
611820.43	4206421.03	-0.65226728	0.00000	-0.00210	4.54944E-31	4.53116-05	611820.43	4206421.03	-0.65226728	0.00000	-0.00210	4.54944E-31	7.70626-41		
611827.43	4206421.03	-0.67226728	0.00000	-0.00222	1.03984E-31	5.13116-05	611827.43	4206421.03	-0.67226728	0.00000	-0.00222	1.03984E-31	1.26626-41		
611834.43	4206421.03	-0.69226728	0.00000	-0.00233	2.37672E-32	5.78116-05	611834.43	4206421.03	-0.69226728	0.00000	-0.00233	2.37672E-32	3.02626-42		
611841.43	4206421.03	-0.71226728	0.00000	-0.00244	5.43264E-33	6.48116-05	611841.43	4206421.03	-0.71226728	0.00000	-0.00244	5.43264E-33	7.70626-43		
611848.43	4206421.03	-0.73226728	0.00000	-0.00254	1.24176E-33	7.23116-05	611848.43	4206421.03	-0.73226728	0.00000	-0.00254	1.24176E-33	1.02626-43		
611855.43	4206421.03	-0.75226728	0.00000	-0.00264	2.83824E-34	8.03116-05	611855.43	4206421.03	-0.75226728	0.00000	-0.00264	2.83824E-34	1.38626-44		
611862.43	4206421.03	-0.77226728	0.00000	-0.00273	6.48672E-35	8.88116-05	611862.43	4206421.03	-0.77226728	0.00000	-0.00273	6.48672E-35	1.98626-45		
611869.43	4206421.03	-0.79226728	0.00000	-0.00282	1.48224E-35	9.78116-05	611869.43	4206421.03	-0.79226728	0.00000	-0.00282	1.48224E-35	2.82626-46		
611876.43	4206421.03	-0.81226728	0.00000	-0.00290	3.38736E-36	1.07716-04	611876.43	4206421.03	-0.81226728	0.00000	-0.00290	3.38736E-36	4.02626-47		
611883.43	4206421.03	-0.83226728	0.00000	-0.00298	7.74336E-37	1.17116-04	611883.43	4206421.03	-0.83226728	0.00000	-0.00298	7.74336E-37	5.70626-48		
611890.43	4206421.03	-0.85226728	0.00000	-0.00305	1.76976E-37	1.26116-04	611890.43	4206421.03	-0.85226728	0.00000	-0.00305	1.76976E-37	8.10626-49		
611897.43	4206421.03	-0.87226728	0.00000	-0.00312	4.04544E-38	1.35116-04	611897.43	4206421.03	-0.87226728	0.00000	-0.00312	4.04544E-38	1.14626-49		
611904.43	4206421.03	-0.89226728	0.00000	-0.00318	9.24624E-39	1.43116-04	611904.43	4206421.03	-0.89226728	0.00000	-0.00318	9.24624E-39	1.58626-50		
611911.43	4206421.03	-0.91226728	0.00000	-0.00324	2.11328E-39	1.50116-04	611911.43	4206421.03	-0.91226728	0.00000	-0.00324	2.11328E-39	2.14626-51		
611918.43	4206421.03	-0.93226728	0.00000	-0.00330	4.82976E

610917.43	4206435.03	39358.57338	0.00868	0.34248	4.07860E-05	8.7238E-03	610917.43	4206435.03	39358.57338	0.00246	0.34248	4.07860E-05	2.50116E-03
610924.43	4206435.03	38968.46895	0.00860	0.33005	3.93057E-05	8.6361E-03	610924.43	4206435.03	38968.46895	0.00244	0.33005	3.93057E-05	2.47520E-03
610931.43	4206435.03	38541.46028	0.00850	0.31820	3.78945E-05	8.5407E-03	610931.43	4206435.03	38541.46028	0.00241	0.31820	3.78945E-05	2.44731E-03
610938.43	4206435.03	38082.5245	0.00840	0.30689	3.65476E-05	8.4381E-03	610938.43	4206435.03	38082.5245	0.00238	0.30689	3.65476E-05	2.41751E-03
610945.43	4206435.03	37596.0294	0.00829	0.29610	3.52626E-05	8.3295E-03	610945.43	4206435.03	37596.0294	0.00235	0.29610	3.52626E-05	2.38540E-03
610952.43	4206435.03	37086.01787	0.00818	0.28581	3.40371E-05	8.2157E-03	610952.43	4206435.03	37086.01787	0.00232	0.28581	3.40371E-05	2.35238E-03
610959.43	4206435.03	36556.08413	0.00806	0.27600	3.28689E-05	8.0976E-03	610959.43	4206435.03	36556.08413	0.00229	0.27600	3.28689E-05	2.3180E-03
610966.43	4206435.03	36009.60172	0.00794	0.26662	3.17518E-05	7.9760E-03	610966.43	4206435.03	36009.60172	0.00225	0.26662	3.17518E-05	2.28237E-03
610973.43	4206435.03	35449.49271	0.00782	0.25767	3.06860E-05	7.8513E-03	610973.43	4206435.03	35449.49271	0.00222	0.25767	3.06860E-05	2.24660E-03
610980.43	4206435.03	34878.61643	0.00769	0.24912	2.96677E-05	7.7244E-03	610980.43	4206435.03	34878.61643	0.00218	0.24912	2.96677E-05	2.20991E-03
611001.43	4206435.03	33123.32078	0.00731	0.22568	2.68763E-05	7.3343E-03	611001.43	4206435.03	33123.32078	0.00207	0.22568	2.68763E-05	2.09744E-03
611008.43	4206435.03	32530.65488	0.00718	0.21854	2.60260E-05	7.2027E-03	611008.43	4206435.03	32530.65488	0.00203	0.21854	2.60260E-05	2.05955E-03
611015.43	4206435.03	31936.92569	0.00705	0.21170	2.52114E-05	7.0708E-03	611015.43	4206435.03	31936.92569	0.00200	0.21170	2.52114E-05	2.02166E-03
611022.43	4206435.03	31343.41012	0.00691	0.20516	2.44325E-05	6.9392E-03	611022.43	4206435.03	31343.41012	0.00196	0.20516	2.44325E-05	1.98376E-03
611029.43	4206435.03	30751.52247	0.00678	0.19889	2.36858E-05	6.8079E-03	611029.43	4206435.03	30751.52247	0.00192	0.19889	2.36858E-05	1.94601E-03
611036.43	4206435.03	30162.20188	0.00665	0.19289	2.29713E-05	6.6772E-03	611036.43	4206435.03	30162.20188	0.00189	0.19289	2.29713E-05	1.90846E-03
611043.43	4206435.03	29576.57177	0.00652	0.18714	2.22865E-05	6.5473E-03	611043.43	4206435.03	29576.57177	0.00185	0.18714	2.22865E-05	1.87116E-03
611050.43	4206435.03	28995.18473	0.00640	0.18162	2.16291E-05	6.4184E-03	611050.43	4206435.03	28995.18473	0.00181	0.18162	2.16291E-05	1.83410E-03
611057.43	4206435.03	28419.26101	0.00627	0.17633	2.09892E-05	6.2907E-03	611057.43	4206435.03	28419.26101	0.00178	0.17633	2.09892E-05	1.79751E-03
611062.74	4206435.14	27976.36826	0.00617	0.17252	2.05454E-05	6.1925E-03	611062.74	4206435.14	27976.36826	0.00175	0.17252	2.05454E-05	1.76944E-03
611078.43	4206435.03	26728.21131	0.00590	0.16169	1.92557E-05	5.9159E-03	611078.43	4206435.03	26728.21131	0.00167	0.16169	1.92557E-05	1.69005E-03
611085.43	4206435.03	26178.61488	0.00578	0.15719	1.87198E-05	5.7941E-03	611085.43	4206435.03	26178.61488	0.00164	0.15719	1.87198E-05	1.65516E-03
611092.43	4206435.03	25636.73975	0.00566	0.15286	1.82041E-05	5.6740E-03	611092.43	4206435.03	25636.73975	0.00160	0.15286	1.82041E-05	1.62081E-03
610294.43	4206442.03	2098.97479	0.00046	0.15142	1.37123E-04	6.0059E-04	610294.43	4206442.03	2098.97479	0.00013	0.15142	1.37123E-04	2.68338E-04
610301.43	4206442.03	2144.84039	0.00047	0.15338	1.37356E-04	6.1054E-04	610301.43	4206442.03	2144.84039	0.00013	0.15338	1.37356E-04	2.71438E-04
610308.43	4206442.03	2192.14921	0.00048	0.15534	1.37578E-04	6.2120E-04	610308.43	4206442.03	2192.14921	0.00014	0.15534	1.37578E-04	2.74616E-04
610315.43	4206442.03	2241.25345	0.00049	0.15708	1.37797E-04	6.3225E-04	610315.43	4206442.03	2241.25345	0.00014	0.15708	1.37797E-04	2.77908E-04
610322.43	4206442.03	2291.9835	0.00051	0.15886	1.38009E-04	6.4365E-04	610322.43	4206442.03	2291.9835	0.00014	0.15886	1.38009E-04	2.81286E-04
610329.43	4206442.03	2344.68723	0.00052	0.16061	1.38217E-04	6.5498E-04	610329.43	4206442.03	2344.68723	0.00015	0.16061	1.38217E-04	2.84766E-04
610336.43	4206442.03	2399.33554	0.00053	0.16235	1.38424E-04	6.6755E-04	610336.43	4206442.03	2399.33554	0.00015	0.16235	1.38424E-04	2.88441E-04
610343.43	4206442.03	2457.56894	0.00054	0.16409	1.38632E-04	6.8080E-04	610343.43	4206442.03	2457.56894	0.00015	0.16409	1.38632E-04	2.92255E-04
610350.43	4206442.03	2517.94153	0.00056	0.16585	1.38817E-04	6.9431E-04	610350.43	4206442.03	2517.94153	0.00016	0.16585	1.38817E-04	2.96210E-04
610357.43	4206442.03	2580.58435	0.00057	0.16701	1.38979E-04	7.0820E-04	610357.43	4206442.03	2580.58435	0.00016	0.16701	1.38979E-04	3.00208E-04
610364.43	4206442.03	2645.58213	0.00058	0.16817	1.39118E-04	7.2227E-04	610364.43	4206442.03	2645.58213	0.00017	0.16817	1.39118E-04	3.04488E-04
610371.43	4206442.03	2713.01686	0.00060	0.16913	1.39232E-04	7.3776E-04	610371.43	4206442.03	2713.01686	0.00017	0.16913	1.39232E-04	3.08822E-04
610378.43	4206442.03	2783.02712	0.00061	0.16988	1.39321E-04	7.5330E-04	610378.43	4206442.03	2783.02712	0.00017	0.16988	1.39321E-04	3.13291E-04
610385.43	4206442.03	2855.69542	0.00063	0.17044	1.39388E-04	7.6939E-04	610385.43	4206442.03	2855.69542	0.00018	0.17044	1.39388E-04	3.17904E-04
610392.43	4206442.03	2931.1042	0.00065	0.17082	1.39433E-04	7.8607E-04	610392.43	4206442.03	2931.1042	0.00018	0.17082	1.39433E-04	3.22660E-04
610399.43	4206442.03	3009.484	0.00066	0.17102	1.39457E-04	8.0396E-04	610399.43	4206442.03	3009.484	0.00019	0.17102	1.39457E-04	3.27268E-04
610406.43	4206442.03	3090.82859	0.00068	0.17106	1.39462E-04	8.2134E-04	610406.43	4206442.03	3090.82859	0.00019	0.17106	1.39462E-04	3.3267E-04
610413.43	4206442.03	3175.31786	0.00070	0.17095	1.39449E-04	8.3997E-04	610413.43	4206442.03	3175.31786	0.00020	0.17095	1.39449E-04	3.37944E-04
610420.43	4206442.03	3263.18728	0.00072	0.17070	1.39418E-04	8.5932E-04	610420.43	4206442.03	3263.18728	0.00020	0.17070	1.39418E-04	3.43408E-04
610427.43	4206442.03	3354.385	0.00074	0.17032	1.39374E-04	8.7940E-04	610427.43	4206442.03	3354.385	0.00021	0.17032	1.39374E-04	3.49066E-04
610434.43	4206442.03	3449.23365	0.00076	0.16982	1.39314E-04	9.0026E-04	610434.43	4206442.03	3449.23365	0.00022	0.16982	1.39314E-04	3.54931E-04
610441.43	4206442.03	3547.79099	0.00078	0.16920	1.39240E-04	9.2193E-04	610441.43	4206442.03	3547.79099	0.00022	0.16920	1.39240E-04	3.61031E-04
610448.43	4206442.03	3650.26007	0.00081	0.16846	1.39152E-04	9.4445E-04	610448.43	4206442.03	3650.26007	0.00023	0.16846	1.39152E-04	3.6733E-04
610455.43	4206442.03	3756.79384	0.00083	0.16762	1.39052E-04	9.6785E-04	610455.43	4206442.03	3756.79384	0.00023	0.16762	1.39052E-04	3.73806E-04
610462.43	4206442.03	3867.57199	0.00085	0.16665	1.38936E-04	9.9218E-04	610462.43	4206442.03	3867.57199	0.00024	0.16665	1.38936E-04	3.80705E-04
610469.43	4206442.03	3982.83733	0.00088	0.16558	1.38809E-04	1.0175E-03	610469.43	4206442.03	3982.83733	0.00025	0.16558	1.38809E-04	3.87788E-04
610476.43	4206442.03	4102.74538	0.00091	0.16438	1.38666E-04	1.0438E-03	610476.43	4206442.03	4102.74538	0.00026	0.16438	1.38666E-04	3.95133E-04
610497.43	4206442.03	4492.89882	0.00099	0.16000	1.38145E-04	1.1293E-03	610497.43	4206442.03	4492.89882	0.00028	0.16000	1.38145E-04	4.19006E-04
610504.43	4206442.03	4633.96571	0.00102	0.15824	1.37935E-04	1.1603E-03	610504.43	4206442.03	4633.96571	0.00029	0.15824	1.37935E-04	4.27161E-04
610511.43	4206442.03	4781.20119	0.00105	0.15632	1.37706E-04	1.1925E-03	610511.43	4206442.03	4781.20119	0.00030	0.15632	1.37706E-04	4.3658E-04
610518.43	4206442.03	4934.90886	0.00109	0.15422	1.37456E-04	1.2262E-03	610518.43	4206442.03	4934.90886	0.00031	0.15422	1.37456E-04	4.45984E-04
610525.43	4206442.03	5095.63727	0.00112	0.15192	1.37182E-04	1.2613E-03	610525.43	4206442.03	5095.63727	0.00032	0.15192	1.37182E-04	4.55710E-04
610532.43	4206442.03	5264.02559	0.00116	0.14941	1.36838E-04	1.2982E-03	610532.43	4206442.03	5264.02559	0.00033	0.14941	1.36838E-04	4.65594E-04
610539.43	4206442.03	5440.74745	0.00120	0.14666	1.36556E-04	1.3369E-03	610539.43	4206442.03	5440.74745	0.00034	0.14666	1.36556E-04	4.76660E-04
610546.43	4206442.03	5626.68226	0.00124	0.14366	1.36199E-04	1.3775E-03	610546.43	4206442.03	5626.68226	0.00035	0.14366	1.36199E-04	4.87921E-04
610553.43	4206442.03	5823.01219	0.00128	0.14038	1.35808E-04	1.4204E-03	610553.43	4206442.03	5823.01219	0.00036	0.14038	1.35808E-04	4.99811E-04
610560.43	4206442.03	6031.58592	0.00133	0.13683	1.35385E-04	1.4660E-03	610560.43	4206442.03	6031.58592	0.00038	0.13683	1.35385E-04	5.12422E-04
610567.43	4206442.03	6253.86958	0.00138	0.13297	1.34926E-04	1.5146E-03	610567.43	4206442.03	6253.86958	0.00039	0.13297	1.34926E-04	5.25861E-04
610574.43	4206442.03	6491.5133	0.00143	0.12883	1.34432E-04	1.5665E-03	610574.43	4206442.03	6491.5133	0.00041	0.12883	1.34432E-04	5.40226E-04
610581.43	4206442.03	6746.62699	0.00149	0.12438	1.33903E-04	1.6223E-03	610581.43	4206442.03	6746.62699	0.00042	0.12438	1.33903E-04	5.55644E-04
610588.43	4206442.03	7021.72524	0.00155	0.11960	1.33333E-04	1.6824E-03	610588.43	4206442.03	7021.72524	0.00044	0.11960	1.33333E-04	5.72266E-04
610595.43	4206442.03	7319.23205	0.00161	0.11443	1.32718E-04	1.7474E-03	610595.43	4206442.03	7319.23205	0.00046	0.11443	1.32718E-04	5.90204E-04
610602.43	4206442.03	7641.36381	0.00169	0.10889	1.32058E-04	1.8178E-03	610602.43	4206442.03	7641.36381	0.00048	0.10889	1.32058E-04	6.09721E-04
610609.43	4206442.03	7990.35158	0.00176	0.10294	1.31349E-04	1.8941E-03	610609.43	4206442.03	7990.35158	0.00050	0.10294	1.31349E-04	6.30831E-04
610616.43	4206442.03	8368.12589	0.00185	0.09655	1.30588E-04	1.9767E-03	610616.43	4206442.03	8368.12589	0.00052	0.09655	1.30588E-04	6.53606E-04
610623.43	4206442.03	8776.80687	0.00194	0.08968	1.29770E-04	2.0661E-03	610623.43	4206442.03	8776.80687	0.00055	0.08968	1.29770E-04	6.7841E-04
610630.43	4206442.03	9217.06827	0.00203	0.08228	1.28889E-04	2.1623E-03	610630.43	4206442.03	9217.06827	0.00058	0.08228	1.28889E-04	7.05059E-04
610637.43	4206442.03	9691.7447	0.00214	0.07442	1.27953E-04	2.2663E-03	610637.43	4206442.03	9691.7447	0.00061	0.07442	1.27953E-04	7.33179E-04
610644.43	4206442.03	10201.72905	0.00225	0.06592	1.26941E-04	2.3776E-03	610644.43	4206442.03	10201.72905	0.00064	0.06592	1.26941E-04	7.6465E-04
610651.43	4206442.03	10746.68743	0.00237	0.05669	1.25841E-04	2.4967E-03	610651.43	4206442.03	10746.68743	0.00067	0.05669	1.25841E-04	7.97626E-04
610658.43	4206442.03	11331.63625	0.00250	0.04674	1.24656E-04	2.6246E-03	610658.43	4206442.03	11331.63625	0.00071	0.04674	1.24656E-04	8.33005E-04
610665.43	4206442.03	11958.60686	0.00264	0.03595	1.23171E-04	2.7616E-03	610665.43	4206442.03	11958.60686	0.00075	0.03595	1.23171E-04	8.70915E-04
610672.43	4206442.03	12629.42843	0.00279	0.02426	1.21979E-04	2.9082E-03	610672.43	4206442.03	12629.42843	0.00079	0.02426	1.21979E-04	9.11456E-04
610679.43	4206442.03	13352.4144	0.00295	0.01167	1.20480E-04	3.0662E-03	610679.43	4206442.03	13352.4144	0.00083	0.01167	1.20480E-04	9.55146E-04
610686.43	4206442.03	14126.43647	0.00312	0.99808	1.18861E-04	3.2351E-03	610686.43	4206442.03	14126.43647	0.00088	0.99808	1.18861E-04	1.00019E-03
610693.43	4206442.03	14956.81417	0.00330	0.98350	1.17125E-04	3.4168E-03	610693.43	4206442.03	14956.81417	0.00093	0.98350	1.17125E-04	1.05216E-03
610700.43	4206442.03	15849.43357	0.00350	0.96785	1.15261E-04	3.6119E-03	610700.43	4206442.03	15849.43357	0.00099	0.96785	1.15261E-04	1.10682E-03
610707.43	4206442.03	16811.13995	0.00371	0.95107	1.13263E-04	3.8220E-03	610707.43	4206442.03	16811.13995	0.00105	0.95107	1.13263E-04	1.16431E-03
610714.43	4206442.03	17832.86307	0.00393	0.93311	1.11124E-04	4.0453E-03	610714.43	4206442.03	17832.86307	0.00111	0.93311	1.11124E-04	1.22598E-03
610721.43	4206442.03	18917.50181	0.00417	0.91395	1.08842E-04	4.2823E-03	610721.43	4206442.03	18917.50181	0.00118	0.91395	1.08842E-04	1.29141E-03
610735.43	4206442.03	21228.44056	0.00468	0.87222	1.03837E-04	4.7972E-03	610735.43	4206442.03	21228.44056	0.00133	0.87222	1.03837E-04	1.43089E-03
610742.43	4206442.03	22447.32047	0.00495	0.84984	1.01208E-04	5.0534E-03	610742.43	4206442.03	22447.32047	0.00140	0.84984	1.01208E-04	1.50440E-03
610749.43	4206442.03	23684.77485	0.00523	0.82664	9.84447E-05	5.3236E-03	610749.43	4206442.03	23684.77485	0.00148	0.82664	9.84447E-05	1.57980E-03
610756.43	4206442.03	24950.38522	0.00550	0.80279	9.56044E-05	5.6000E-03	610756.43	4206442.03	24950.38522	0.00156	0.80279	9.56044E-05	1.65530E-03
610763.43	4206442.03	26213.4202	0.00578	0.77848	9.27093E-05	5.8757E-03	610763.43	4206442.03	26213.4202	0.00164	0.77848	9.27093E-05	1.73113E-03
610770.43	4206442.03	27461.4828	0.00606	0.75398	8.97820E-05	6.1482E-03	610770.43	4206442.03	27461.4828	0.00172	0.75398	8.97820E-05	1.80964E-03
610777.43	4206442.03	28596.71063	0.00631	0.72922	8.68429E-05	6.3957E-03	610777.43	4206442.03	28596.71063	0.00179	0.72922	8.68429E-05	1.87446E-03
610784.43	4206442.03	29701.77852	0.00655	0.70462	8.39133E-05	6.6365E-03	610784.43	4206442.03	29701.77852	0.00186	0.70462	8.39133E-05	1.94061E-03
610791.43	4206442.03	30767.1175	0.00679	0.68022	8.10075E-05	6.8687E-03	610791.43	4206442.03	30767.1175	0.00192	0.68022	8.10075E-05	2.00438E-03
610798.43	4206442.03	31783.57843	0.00701	0.65618	7.81446E-05	7.0900E-03	610798.43	4206442.03	31783.57843	0.00199	0.65618	7.81446E-05	2.06498E-03
610805.43	4206442.03	32741.97008	0.00722	0.63259	7.53352E-05	7.2987E-03	610805.43	4206442.03	32741.97008	0.00205	0.63259	7.53352E-05	2.12208E-03
610812.43	4206442.03	33630.48656	0.00742	0.60953	7.25808E-05	7.4936E-03	610812.43	4206442.03	33630.48656	0.00210	0.60953	7.25808E-05	2.17748E-03
610833.43	4206442.03	35823.28084	0.00790	0.54418	6.48065E-05	7.9679E-03	610833.43	4206442.03	35823.28084	0.00224	0.54418	6.48065E-05	2.30431E-03
610840.43	4206442.03	36381.34364	0.00803	0.52380	6.23794E-05	8.0886E-03	610840.43	4206442.03	36381.34364	0.00227	0.52380	6.23794E-05	2.31666E-03
610847.43	4206442.03	36850.09322	0.00813	0.50415	6.00393E-05	8.1897E-03	610847.43	4206442.03	36850.09322	0.00230	0.50415	6.00393E-05	2.3635E-03
610854.43	4206442.03	37233.2334	0.00821	0.48527	5.77909E-05	8.2720E-03	610854.43	4206442.03	37233.2334	0.00233	0.48527	5.77909E-05	2.38520E-03
610861.43	4206442.03	37529.39719	0.00828	0.46713	5.56306E-05	8.3351E-03	610861.43	4206442.03	37529.39719	0.00235	0.46713	5.56306E-05	2.40168E-03
610868.43	4206442.03	37741.11922	0.00833	0.44971	5.35560E-05	8.3798E-03	610868.43	4206442.03	37741.11922	0.00236	0.44971	5.35560E-05	2.41288E-03
610875.43	4206442.03	37872.45486	0.00836	0.43301	5.15672E-05	8.4067E-03	610875.43	4206442.03	37872.45486	0.00237	0.43301	5.15672E-05	2.41908E-03
610882.43	4206442.03	37928.18104	0.00837	0.41700	4.96606E-05	8.4171E-03	610882.43	4206442.03	37928.18104	0.00237	0.41700	4.96606E-05	2.42066E-03
610889.43	4206442.03	37913.32934	0.00836	0.40167	4.78349E-05	8.4120E-03	610889.43	4206442.03	37913.32934	0.00237	0.40167	4.78349E-05	2.41788E-03
610896.43	4206442.03	37833.07874	0.00835	0.38699	4.60867E-05	8.3938E-03	610896.43	4206442.03	37833.07874	0.00236	0.38699	4.60867E-05	2.41108E-03
610903.43	4206442.03	37693.20644	0.00832	0.37296	4.44158E-05	8.3602E-03	610903.43	4206442.03	37693.20644	0.00236	0.37296	4.44158E-05	2.40086E-03
610910.43	4206442.03	37498.94253	0.00827	0.35953	4.28165E-05	8.3156E-03	610910.43	4206442.03	37498.94253	0.00234	0.35953	4.28165E-05	2.38656E-03
610917.43	4206442.03	37255.54746	0.00822	0.34670	4.12885E-05	8.2648E-03	610917.43	4206442.03	37255.54746	0.00233	0.34670	4.12885E-05	2.37031E-03
610924.43	4206442.03	36967.93707	0.00816	0.33443	3.98273E-05	8.1955E-03	610924.43	4206442.03	36967.93707	0.00231	0.33443	3.98273E-05	2.35270E-03
610931.43	4206442.03	36641.02229	0.00808	0.32270	3.84304E-05	8.1218E-03	610931.43	4206442.03	36641.02229	0.00229	0.32270	3.84304E-05	2.32885E-03
610938.43	4206442.03	36279.13075	0.00800	0.31149	3.70954E-05	8.0408E-03	610938.43	4206442.03	36279.13075	0.00227	0.31149	3.70954E-05	2.30499E-03
610945.43	4206442.03	35886.50971	0.00792	0.30077	3.58187E-05	7.9526E-03	610945.43	4206442.03	35886.50971	0.00224	0.30077	3.58187E-05	2.27951E-03
610952.43	4206442.03	35466.95667	0.00782	0.29053	3.45993E-05	7.8591E-03	610952.43	4206442.03	35466.95667	0.00222	0.29053	3.45993E-05	2.25180E-03
610959.43	4206442.03	35024.09691	0.00773	0.28073	3.34322E-05	7.7602E-03	610959.43	4206442.03	35024.09691	0.00219	0.28073	3.34322E-05	2.22288E-03
610966.43	4206442.03	34561.02844	0.00762	0.27136	3.23163E-05	7.6578E-03	610966.43	4206442.03	34561.02844	0.00216	0.27136	3.23163E-05	2.19271E-03
610973.43	4206442.03	34080.93826	0.00752	0.26241	3.12504E-05	7.5508E-03	610973.43	4206442.03	34080.93826	0.00213	0.26241	3.12504E-05	2.16170E-03
610980.43	4206442.03	33586.50057	0.00741	0.25383	3.02286E-05	7.4399E-03	610980.43	4206442.03	33586.50057	0.00210	0.25383	3.02286E-05	2.12976E-03
611001.43	4206442.03	32040.27155	0.00707	0.23027	2.74229E-05	7.0959E-03	611001.43	4206442.03	32040.27155	0.00200	0.23027	2.74229E-05	2.03030E-03
611008.43	4206442.03	31510.68529	0.00695	0.22307	2.65654E-05	6.9783E-03	611008.43	4206442.03	31510.68529	0.00197	0.22307	2.65654E-05	1.99635E-03
611015.43	4206442.03	30976.99098	0.00683	0.21617	2.57437E-05	6.8597E-03	611015.43	4206442.03	30976.99098	0.00194	0.21617	2.57437E-05	1.96121E-03
611022.43	4206442.03	30440.64928	0.00672	0.20956	2.49565E-05	6.7406E-03	611022.43	4206442.03	30440.64928	0.00190	0.20956	2.49565E-05	1.92788E-03
611029.43	4206442.03	29902.90225	0.00660	0.20322	2.42015E-05	6.6212E-03	611029.43	4206442.03	29902.90225	0.00187	0.20322	2.42015E-05	1.89340E-03
611036.43	4206442.03	29365.1812	0.00648	0.19715	2.34786E-05	6.5038E-03	611036.43	4206442.03	29365.1812	0.00184	0.19715	2.34786E-05	1.85931E-03
611043.43	4206442.03	28828.2501	0.00636	0.19132	2.27843E-05	6.3827E-03	611043.43	4206442.03	28828.2501	0.00180	0.19132	2.27843E-05	1.82488E-03
611050.43	4206442.03	28293.44746	0.00624	0.18572	2.21174E-05	6.2640E-03	611050.43	4206442.03	28293.44746	0.00177	0.18572	2.21174E-05	1.79077E-03
611057.43	4206442.03	27761.28666	0.00612	0.18035	2.14479E-05	6.1460E-03	611057.43	4206442.03	27761.28666	0.00174	0.18035	2.14479E-05	1.75688E-03
611062.74	4206442.14	27349.95331	0.00603	0.17648	2.10170E-05	6.0548E-03	611062.74	4206442.14	27349.95331	0.00171	0.17648	2.10170E-05	1.73070E-03
611078.43	4206442.03	26188.88916	0.00578	0.16547	1.97058E-05	5.7976E-03	611078.43	4206442.03	26188.88916	0.00164	0.16547	1.97058E-05	1.69268E-03
611085.43	4206442.03	25674.73178	0.00566	0.16089	1.91604E-05	5.6834E-03	611085.43	4206442.03	25674.73178	0.00160	0.16089	1.91604E-05	1.62416E-03
611092.43	4206442.03	25166.35849	0.00555	0.15649	1.86364E-05	5.5707E-03	611092.43	4206442.03	25166.35849	0.00157	0.15649	1.86364E-05	1.59180E-03
610294.43	4206449.03	2045.8161	0.00045	0.07847	1.28435E-04	5.7977E-04	610294.43	4206449.03	2045.8161	0.00013	0.07847	1.28435E-04	2.56320E-04
610301.43	4206449.03	2089.96546	0.00046	0.08040	1.28665E-04	5.8974E-04	610301.43	4206449.03	2089.96546	0.00013	0.08040	1.28665E-04	2.59316E-04
610308.43	4206449.03	2135.51091	0.00047	0.08222	1.28882E-04	6.0000E-04	610308.43	4206449.03	2135.51091	0.00013	0.08222	1.28882E-04	2.62376E-04
610315.43	4206449.03	2182.80668	0.00048	0.08401	1.29095E-04	6.1065E-04	610315.43	4206449.03	2182.80668	0.00014	0.08401	1.29095E-04	2.65545E-04
610322.43	4206449.03	2231.58784	0.00049	0.08573	1.29300E-04	6.2162E-04	610322.43	4206449.03	2231.58784	0.00014	0.08573	1.29300E-04	2.68800E-04
610329.43	4206449.03	2282.14085	0.00050	0.08740	1.29499E-04	6.3297E-04	610329.43	4206449.03	2282.14085	0.00014	0.08740	1.29499E-04	2.72168E-04
610336.43	4206449.03	2334.79142	0.00052	0.08908	1.29699E-04	6.4479E-04	610336.43	4206449.03	2334.79142	0.00015	0.08908	1.29699E-04	2.7565E-04
610343.43	4206449.03	2390.73193	0.00053	0.09083	1.29907E-04

611015.43	4206449.03	30004.89833	0.00662	0.22036	2.62427E-05	6.64576-03	611015.43	4206449.03	30004.89833	0.00188	0.22036	2.62427E-05	1.9019E-03	
611022.43	4206449.03	29523.71277	0.00651	0.21371	2.54507E-05	6.5388E-03	611022.43	4206449.03	29523.71277	0.00185	0.21371	2.54507E-05	1.8710E-03	
611029.43	4206449.03	29038.62854	0.00641	0.20732	2.46898E-05	6.4310E-03	611029.43	4206449.03	29038.62854	0.00182	0.20732	2.46898E-05	1.8399E-03	
611036.43	4206449.03	28550.94597	0.00630	0.20119	2.39597E-05	6.3227E-03	611036.43	4206449.03	28550.94597	0.00178	0.20119	2.39597E-05	1.8087E-03	
611043.43	4206449.03	28061.86771	0.00619	0.19530	2.32583E-05	6.2141E-03	611043.43	4206449.03	28061.86771	0.00175	0.19530	2.32583E-05	1.7774E-03	
611050.43	4206449.03	27572.33038	0.00608	0.18964	2.25842E-05	6.1054E-03	611050.43	4206449.03	27572.33038	0.00172	0.18964	2.25842E-05	1.7461E-03	
611057.43	4206449.03	27083.46537	0.00597	0.18420	2.19364E-05	5.9969E-03	611057.43	4206449.03	27083.46537	0.00169	0.18420	2.19364E-05	1.7149E-03	
611062.74	4206449.14	26703.12008	0.00589	0.18028	2.14696E-05	5.9125E-03	611062.74	4206449.14	26703.12008	0.00167	0.18028	2.14696E-05	1.6907E-03	
611078.43	4206449.03	25628.17794	0.00565	0.16912	2.01405E-05	5.6741E-03	611078.43	4206449.03	25628.17794	0.00160	0.16912	2.01405E-05	1.6222E-03	
611085.43	4206449.03	25149.13228	0.00555	0.16448	1.95879E-05	5.5678E-03	611085.43	4206449.03	25149.13228	0.00157	0.16448	1.95879E-05	1.5917E-03	
611092.43	4206449.03	24674.22419	0.00544	0.16000	1.90544E-05	5.4625E-03	611092.43	4206449.03	24674.22419	0.00154	0.16000	1.90544E-05	1.5614E-03	
610294.43	4206456.03	1994.64307	0.00044	1.01246	1.20574E-04	5.6062E-04	610294.43	4206456.03	1994.64307	0.00012	1.01246	1.20574E-04	2.4526E-04	
610301.43	4206456.03	2037.24618	0.00045	1.01438	1.20803E-04	5.7025E-04	610301.43	4206456.03	2037.24618	0.00013	1.01438	1.20803E-04	2.4815E-04	
610308.43	4206456.03	2081.12422	0.00046	1.01618	1.21017E-04	5.8014E-04	610308.43	4206456.03	2081.12422	0.00013	1.01618	1.21017E-04	2.5111E-04	
610315.43	4206456.03	2126.53405	0.00047	1.01792	1.21224E-04	5.9037E-04	610315.43	4206456.03	2126.53405	0.00013	1.01792	1.21224E-04	2.5415E-04	
610322.43	4206456.03	2173.69273	0.00048	1.01963	1.21428E-04	6.0097E-04	610322.43	4206456.03	2173.69273	0.00014	1.01963	1.21428E-04	2.5731E-04	
610329.43	4206456.03	2222.29946	0.00049	1.02126	1.21622E-04	6.1189E-04	610329.43	4206456.03	2222.29946	0.00014	1.02126	1.21622E-04	2.6054E-04	
610336.43	4206456.03	2272.99598	0.00050	1.02289	1.21816E-04	6.2327E-04	610336.43	4206456.03	2272.99598	0.00014	1.02289	1.21816E-04	2.6390E-04	
610343.43	4206456.03	2326.78397	0.00051	1.02465	1.22026E-04	6.3535E-04	610343.43	4206456.03	2326.78397	0.00015	1.02465	1.22026E-04	2.6747E-04	
610350.43	4206456.03	2382.48984	0.00053	1.02625	1.22216E-04	6.4783E-04	610350.43	4206456.03	2382.48984	0.00015	1.02625	1.22216E-04	2.7115E-04	
610357.43	4206456.03	2440.18039	0.00054	1.02769	1.22388E-04	6.6072E-04	610357.43	4206456.03	2440.18039	0.00015	1.02769	1.22388E-04	2.7492E-04	
610364.43	4206456.03	2500.01285	0.00055	1.02897	1.22540E-04	6.7408E-04	610364.43	4206456.03	2500.01285	0.00016	1.02897	1.22540E-04	2.7882E-04	
610371.43	4206456.03	2561.9591	0.00057	1.03008	1.22672E-04	6.8788E-04	610371.43	4206456.03	2561.9591	0.00016	1.03008	1.22672E-04	2.8282E-04	
610378.43	4206456.03	2626.16573	0.00058	1.03102	1.22784E-04	7.0215E-04	610378.43	4206456.03	2626.16573	0.00016	1.03102	1.22784E-04	2.8695E-04	
610385.43	4206456.03	2692.75452	0.00059	1.03179	1.22876E-04	7.1693E-04	610385.43	4206456.03	2692.75452	0.00017	1.03179	1.22876E-04	2.9120E-04	
610392.43	4206456.03	2761.70415	0.00061	1.03239	1.22947E-04	7.3222E-04	610392.43	4206456.03	2761.70415	0.00017	1.03239	1.22947E-04	2.9558E-04	
610399.43	4206456.03	2833.26437	0.00063	1.03282	1.22999E-04	7.4806E-04	610399.43	4206456.03	2833.26437	0.00018	1.03282	1.22999E-04	3.0031E-04	
610406.43	4206456.03	2907.43442	0.00064	1.03309	1.23031E-04	7.6445E-04	610406.43	4206456.03	2907.43442	0.00018	1.03309	1.23031E-04	3.0478E-04	
610413.43	4206456.03	2984.3145	0.00066	1.03322	1.23046E-04	7.8143E-04	610413.43	4206456.03	2984.3145	0.00019	1.03322	1.23046E-04	3.0960E-04	
610420.43	4206456.03	3064.03333	0.00068	1.03320	1.23044E-04	7.9901E-04	610420.43	4206456.03	3064.03333	0.00019	1.03320	1.23044E-04	3.1458E-04	
610427.43	4206456.03	3146.70694	0.00069	1.03304	1.23025E-04	8.1723E-04	610427.43	4206456.03	3146.70694	0.00020	1.03304	1.23025E-04	3.1971E-04	
610434.43	4206456.03	3232.4084	0.00071	1.03276	1.22992E-04	8.3631E-04	610434.43	4206456.03	3232.4084	0.00020	1.03276	1.22992E-04	3.2505E-04	
610441.43	4206456.03	3321.28492	0.00073	1.03234	1.22941E-04	8.5566E-04	610441.43	4206456.03	3321.28492	0.00021	1.03234	1.22941E-04	3.3056E-04	
610448.43	4206456.03	3413.46274	0.00075	1.03180	1.22877E-04	8.7593E-04	610448.43	4206456.03	3413.46274	0.00021	1.03180	1.22877E-04	3.3625E-04	
610455.43	4206456.03	3509.03939	0.00077	1.03114	1.22799E-04	8.9694E-04	610455.43	4206456.03	3509.03939	0.00022	1.03114	1.22799E-04	3.4215E-04	
610462.43	4206456.03	3608.21869	0.00080	1.03036	1.22706E-04	9.1873E-04	610462.43	4206456.03	3608.21869	0.00023	1.03036	1.22706E-04	3.4826E-04	
610469.43	4206456.03	3711.04867	0.00082	1.02946	1.22599E-04	9.4131E-04	610469.43	4206456.03	3711.04867	0.00023	1.02946	1.22599E-04	3.5458E-04	
610476.43	4206456.03	3817.76982	0.00084	1.02844	1.22477E-04	9.6473E-04	610476.43	4206456.03	3817.76982	0.00024	1.02844	1.22477E-04	3.6113E-04	
610497.43	4206456.03	4162.76312	0.00092	1.02460	1.22020E-04	1.0404E-03	610497.43	4206456.03	4162.76312	0.00026	1.02460	1.22020E-04	3.8223E-04	
610504.43	4206456.03	4286.83867	0.00095	1.02305	1.21835E-04	1.0676E-03	610504.43	4206456.03	4286.83867	0.00027	1.02305	1.21835E-04	3.8981E-04	
610511.43	4206456.03	4415.82919	0.00097	1.02134	1.21631E-04	1.0958E-03	610511.43	4206456.03	4415.82919	0.00028	1.02134	1.21631E-04	3.9767E-04	
610518.43	4206456.03	4550.16728	0.00100	1.01948	1.21410E-04	1.1252E-03	610518.43	4206456.03	4550.16728	0.00028	1.01948	1.21410E-04	4.0584E-04	
610525.43	4206456.03	4690.23059	0.00103	1.01744	1.21167E-04	1.1559E-03	610525.43	4206456.03	4690.23059	0.00029	1.01744	1.21167E-04	4.1435E-04	
610532.43	4206456.03	4836.62483	0.00107	1.01522	1.20903E-04	1.1879E-03	610532.43	4206456.03	4836.62483	0.00030	1.01522	1.20903E-04	4.2324E-04	
610539.43	4206456.03	4990.00165	0.00110	1.01281	1.20616E-04	1.2215E-03	610539.43	4206456.03	4990.00165	0.00031	1.01281	1.20616E-04	4.3254E-04	
610546.43	4206456.03	5151.07649	0.00114	1.01019	1.20304E-04	1.2567E-03	610546.43	4206456.03	5151.07649	0.00032	1.01019	1.20304E-04	4.4230E-04	
610553.43	4206456.03	5320.89625	0.00117	1.00735	1.19965E-04	1.2938E-03	610553.43	4206456.03	5320.89625	0.00033	1.00735	1.19965E-04	4.5258E-04	
610560.43	4206456.03	5500.8117	0.00121	1.00427	1.19599E-04	1.3332E-03	610560.43	4206456.03	5500.8117	0.00034	1.00427	1.19599E-04	4.6346E-04	
610567.43	4206456.03	5692.34531	0.00126	1.00095	1.19203E-04	1.3750E-03	610567.43	4206456.03	5692.34531	0.00036	1.00095	1.19203E-04	4.7503E-04	
610574.43	4206456.03	5896.42953	0.00130	0.99738	1.18778E-04	1.4196E-03	610574.43	4206456.03	5896.42953	0.00037	0.99738	1.18778E-04	4.8737E-04	
610581.43	4206456.03	6115.33167	0.00135	0.99357	1.18324E-04	1.4675E-03	610581.43	4206456.03	6115.33167	0.00038	0.99357	1.18324E-04	5.0059E-04	
610588.43	4206456.03	6350.35876	0.00140	0.98949	1.17838E-04	1.5188E-03	610588.43	4206456.03	6350.35876	0.00040	0.98949	1.17838E-04	5.1480E-04	
610595.43	4206456.03	6603.77064	0.00146	0.98515	1.17322E-04	1.5742E-03	610595.43	4206456.03	6603.77064	0.00041	0.98515	1.17322E-04	5.3012E-04	
610602.43	4206456.03	6876.99301	0.00152	0.98051	1.16769E-04	1.6339E-03	610602.43	4206456.03	6876.99301	0.00043	0.98051	1.16769E-04	5.4665E-04	
610609.43	4206456.03	7170.90644	0.00158	0.97553	1.16176E-04	1.6982E-03	610609.43	4206456.03	7170.90644	0.00045	0.97553	1.16176E-04	5.6444E-04	
610616.43	4206456.03	7487.95015	0.00165	0.97023	1.15545E-04	1.7675E-03	610616.43	4206456.03	7487.95015	0.00047	0.97023	1.15545E-04	5.8362E-04	
610623.43	4206456.03	7828.21997	0.00173	0.96454	1.14867E-04	1.8419E-03	610623.43	4206456.03	7828.21997	0.00049	0.96454	1.14867E-04	6.0421E-04	
610630.43	4206456.03	8193.29738	0.00181	0.95849	1.14147E-04	1.9217E-03	610630.43	4206456.03	8193.29738	0.00051	0.95849	1.14147E-04	6.2631E-04	
610637.43	4206456.03	8586.77589	0.00189	0.95221	1.13399E-04	2.0078E-03	610637.43	4206456.03	8586.77589	0.00054	0.95221	1.13399E-04	6.5016E-04	
610644.43	4206456.03	9006.34588	0.00199	0.94544	1.12593E-04	2.0995E-03	610644.43	4206456.03	9006.34588	0.00056	0.94544	1.12593E-04	6.7558E-04	
610651.43	4206456.03	9452.94388	0.00209	0.93818	1.11728E-04	2.1972E-03	610651.43	4206456.03	9452.94388	0.00059	0.93818	1.11728E-04	7.0263E-04	
610658.43	4206456.03	9927.76979	0.00219	0.93040	1.10801E-04	2.3010E-03	610658.43	4206456.03	9927.76979	0.00062	0.93040	1.10801E-04	7.3139E-04	
610665.43	4206456.03	10432.87869	0.00230	0.92203	1.09805E-04	2.4134E-03	610665.43	4206456.03	10432.87869	0.00065	0.92203	1.09805E-04	7.6197E-04	
610672.43	4206456.03	10970.79193	0.00242	0.91302	1.08732E-04	2.5290E-03	610672.43	4206456.03	10970.79193	0.00069	0.91302	1.08732E-04	7.9452E-04	
610679.43	4206456.03	11544.19981	0.00255	0.90335	1.07580E-04	2.6544E-03	610679.43	4206456.03	11544.19981	0.00072	0.90335	1.07580E-04	8.2921E-04	
610686.43	4206456.03	12155.89482	0.00268	0.89297	1.06344E-04	2.7881E-03	610686.43	4206456.03	12155.89482	0.00076	0.89297	1.06344E-04	8.6621E-04	
610693.43	4206456.03	12808.71232	0.00283	0.88186	1.05021E-04	2.9308E-03	610693.43	4206456.03	12808.71232	0.00080	0.88186	1.05021E-04	9.0570E-04	
610700.43	4206456.03	13504.67743	0.00298	0.87004	1.03613E-04	3.0829E-03	610700.43	4206456.03	13504.67743	0.00084	0.87004	1.03613E-04	9.4779E-04	
610707.43	4206456.03	14249.10705	0.00314	0.85744	1.02113E-04	3.2457E-03	610707.43	4206456.03	14249.10705	0.00089	0.85744	1.02113E-04	9.9283E-04	
610714.43	4206456.03	15043.70475	0.00332	0.84403	1.00516E-04	3.4194E-03	610714.43	4206456.03	15043.70475	0.00094	0.84403	1.00516E-04	1.0409E-03	
610721.43	4206456.03	15879.20886	0.00350	0.82978	9.88186E-05	3.6020E-03	610721.43	4206456.03	15879.20886	0.00099	0.82978	9.88186E-05	1.0914E-03	
610742.43	4206456.03	18641.84327	0.00411	0.78192	9.31189E-05	4.2058E-03	610742.43	4206456.03	18641.84327	0.00117	0.78192	9.31189E-05	1.2584E-03	
610749.43	4206456.03	19634.07469	0.00433	0.76439	9.10313E-05	4.4228E-03	610749.43	4206456.03	19634.07469	0.00123	0.76439	9.10313E-05	1.3184E-03	
610910.43	4206456.03	33339.60316	0.00736	0.36511	4.34810E-05	7.3987E-03	610910.43	4206456.03	33339.60316	0.00208	0.36511	4.34810E-05	2.1275E-03	
610917.43	4206456.03	33268.63582	0.00734	0.35283	4.20186E-05	7.3815E-03	610917.43	4206456.03	33268.63582	0.00208	0.35283	4.20186E-05	2.1216E-03	
610924.43	4206456.03	33152.52149	0.00731	0.34104	4.06145E-05	7.3545E-03	610924.43	4206456.03	33152.52149	0.00207	0.34104	4.06145E-05	2.1138E-03	
610931.43	4206456.03	32995.05403	0.00728	0.32970	3.92640E-05	7.3184E-03	610931.43	4206456.03	32995.05403	0.00206	0.32970	3.92640E-05	2.1018E-03	
610938.43	4206456.03	32799.80651	0.00724	0.31881	3.79671E-05	7.2741E-03	610938.43	4206456.03	32799.80651	0.00205	0.31881	3.79671E-05	2.0883E-03	
610945.43	4206456.03	32570.32186	0.00719	0.30836	3.67226E-05	7.2226E-03	610945.43	4206456.03	32570.32186	0.00204	0.30836	3.67226E-05	2.0727E-03	
610952.43	4206456.03	32309.72926	0.00713	0.29833	3.55282E-05	7.1635E-03	610952.43	4206456.03	32309.72926	0.00202	0.29833	3.55282E-05	2.0552E-03	
610959.43	4206456.03	32021.26001	0.00706	0.28869	3.43801E-05	7.0987E-03	610959.43	4206456.03	32021.26001	0.00200	0.28869	3.43801E-05	2.0360E-03	
610966.43	4206456.03	31707.89942	0.00700	0.27944	3.32785E-05	7.0285E-03	610966.43	4206456.03	31707.89942	0.00198	0.27944	3.32785E-05	2.0153E-03	
610973.43	4206456.03	31372.25545	0.00692	0.27057	3.22222E-05	6.9534E-03	610973.43	4206456.03	31372.25545	0.00196	0.27057	3.22222E-05	1.9933E-03	
610980.43	4206456.03	31017.11754	0.00684	0.26205	3.12076E-05	6.8740E-03	610980.43	4206456.03	31017.11754	0.00194	0.26205	3.12076E-05	1.9701E-03	
611008.43	4206456.03	29445.93818	0.00650	0.23123	2.75372E-05	6.5237E-03	611008.43	4206456.03	29445.93818	0.00184	0.23123	2.75372E-05	1.8682E-03	
611015.43	4206456.03	29025.46353	0.00640	0.22427	2.67083E-05	6.4301E-03	611015.43	4206456.03	29025.46353	0.00181	0.22427	2.67083E-05	1.8411E-03	
611022.43	4206456.03	28597.30086	0.00631	0.21759	2.59128E-05	6.3348E-03	611022.43	4206456.03	28597.30086	0.00179	0.21759	2.59128E-05	1.8135E-03	
611029.43	4206456.03	28162.93827	0.00621	0.21117	2.51483E-05	6.2383E-03	611029.43	4206456.03	28162.93827	0.00176	0.21117	2.51483E-05	1.7856E-03	
611036.43	4206456.03	27723.79185	0.00612	0.20500	2.44135E-05	6.1407E-03	611036.43	4206456.03	27723.79185	0.00173	0.20500	2.44135E-05	1.7574E-03	
611043.43	4206456.03	27281.00275	0.00602	0.19907	2.37073E-05	6.0423E-03	611043.43	4206456.03	27281.00275	0.00171	0.19907	2.37073E-05	1.7290E-03	
611050.43	4206456.03	26835.76525	0.00592	0.19336	2.30273E-05	5.9434E-03	611050.43	4206456.03	26835.76525	0.00168	0.19336	2.30273E-05	1.7005E-03	
611057.43	4206456.03	26388.9836	0.00582	0.18788	2.23747E-05	5.8441E-03	611057.43	4206456.03	26388.9836	0.00165	0.18788	2.23747E-05	1.6720E-03	
611062.74	4206456.14	26039.17014	0.00574	0.18391	2.19019E-05	5.7665E-03	611062.74	4206456.14	26039.17014	0.00163	0.18391	2.19019E-05	1.6496E-03	
611078.43	4206456.03	25048.73116	0.00553	0.17263	2.05585E-05	5.5467E-03	611078.43	4206456.03	25048.73116	0.00157	0.17263	2.05585E-05	1.5864E-03	
611085.43	4206456.03	24604.54864	0.00543	0.16792	1.99976E-05	5.4481E-03	611085.43	4206456.03	24604.54864	0.00154	0.16792	1.99976E-05	1.5580E-03	
611092.43	4206456.03	24162.65906	0.00533	0.16339	1.94581E-05	5.3501E-03	611092.43	4206456.03	24162.65906	0.00151	0.16339	1.94581E-05	1.5298E-03	
610294.43	4206463.03	1945.50638	0.00043	0.95246	1.13429E-04	5.4263E-04	610294.43	4206463.03	1945.50638	0.00012	0.95246	1.13429E-04	2.3504E-04	
610301.43	4206463.03	1986.44138	0.00044	0.95435	1.13654E-04	5.5189E-04	610301.43	4206463.03	1986.44138	0.00012	0.95435	1.13654E-04	2.3783E-04	
610308.43	4206463.03	2028.92599	0.00045	0.95618	1.13872E-04	5.6148E-04	610308.43	4206463.03	2028.92599	0.00013	0.95618	1.13872E-04	2.4070E-04	
610315.43	4206463.03	2072.70158	0.00046	0.95790	1.14076E-04	5.7134E-04	610315.43	4206463.03	2072.70158	0.00013	0.95790	1.14076E-04	2.4364E-04	
610322.43	4206463.03	2118.1288	0.00047	0.95960	1.14279E-04	5.8157E-04	610322.43	4206463.03	2118.1288	0.00013	0.95960	1.14279E-04	2.4668E-04	
610329.43	4206463.03	2164.99323	0.00048	0.96119	1.14468E-04	5.9210E-04	610329.43	4206463.03	2164.99323	0.00014	0.96119	1.14468E-04	2.4980E-04	
610336.43	4206463.03	2213.79539	0.00049	0.96281	1.14661E-04	6.0305E-04	610336.43	4206463.03	2213.79539	0.00014	0.96281	1.14661E-04	2.5305E-04	
610343.43	4206463.03	2265.56486	0.00050	0.96457	1.14871E-04	6.1469E-04	610343.43	4206463.03	2265.56486	0.00014	0.96457	1.14871E-04	2.5649E-04	
610350.43	4206463.03	2319.12008	0.00051	0.96619	1.15064E-04	6.2669E-04	610350.43	4206463.03	2319.12008	0.00014	0.96619	1.15064E-04	2.6003E-04	
610357.43	4206463.03	2374.61506	0.00052	0.96767	1.15240E-04	6.3911E-04	610357.43	4206463.03	2374.61506	0.00015	0.96767	1.15240E-04	2.6368E-04	
610364.43	4206463.03	2432.03607	0.00054	0.96900	1.15398E-04	6.5194E-04	610364.43	4206463.03	2432.03607	0.00015	0.96900	1.15398E-04	2.6743E-04	
610371.43	4206463.03	2491.52042	0.00055	0.97017	1.15538E-04	6.6520E-04	610371.43	4206463.03	2491.52042	0.00016	0.97017	1.15538E-04	2.7128E-04	
610378.43	4206463.03	2553.11203	0.00056	0.97118	1.15658E-04	6.7891E-04	610378.43	4206463.03	2553.11203	0.00016	0.97118	1.15658E-04	2.7525E-04	
610385.43	4206463.03	2616.87748	0.00058	0.97203	1.15759E-04	6.9308E-04	610385.43	4206463.03	2616.87748	0.00016	0.97203	1.15759E-04	2.7934E-04	
610392.43	4206463.03	2682.97416	0.00059	0.97272	1.15841E-04	7.0774E-04	610392.43	4206463.03	2682.97416	0.00017	0.97272	1.15841E-04	2.8355E-04	
610399.43	4206463.03	2751.41623	0.00061	0.97326	1.15906E-04	7.2291E-04	610399.43	4206463.03	2751.41623	0.00017	0.97326	1.15906E-04	2.8790E-04	
610406.43	4206463.03	2822.28751	0.00062	0.97364	1.15951E-04	7.3859E-04	610406.43	4206463.03	2822.28751	0.00018	0.97364	1.15951E-04	2.9237E-04	
610413.43	4206463.03	2895.71142	0.00064	0.97388	1.15979E-04	7.5481E-04	610413.43	4206463.03	2895.71142	0.00018	0.97388	1.15979E-04	2.9699E-04	
610420.43	4206463.03	2971.78883	0.00066	0.97397	1.15990E-04	7.7161E-04	610420.43	4206463.03	2971.78883	0.00019	0.97397	1.15990E-04	3.0176E-04	
610427.43	4206463.03	3050.53105	0.00067	0.97392	1.15984E-04	7.8897E-04	610427.43	4206463.03	3050.53105	0.00019	0.97392	1.15984E-04	3.0667E-04	
610434.43	4206463.03	3132.13977	0.00069	0.97374	1.15963E-04	8.0696E-04	610434.43	4206463.03	3132.13977	0.00020	0.97374	1.15963E-04	3.1175E-04	
610441.43	4206463.03	3216.63754	0.00071	0.97344	1.15927E-04	8.2556E-04	610441.43	4206463.03	3216.63754	0.00020	0.97344	1.15927E-04	3.1708E-04	
610448.43	4206463.03	3304.17424	0.00073	0.97301	1.15876E-04	8.4482E-04	610448.43	4206463.03	3304.17424	0.00021	0.97301	1.15876E-04	3.2242E-04	
610455.43	4206463.03	3394.83311	0.00075	0.97245	1.15809E-04	8.6476E-04	610455.43	4206463.03	3394.83311	0.00021	0.97245	1.15809E-04	3.2802E-04	
610462.43	4206463.03	3488.69022	0.00077	0.97178	1.15729E-04	8.8538E-04	610462.43	4206463.03	3488.69022	0.00022	0.97178	1.15729E-04	3.3381E-04	
610469.43	4206463.03	3585.97105	0.00079	0.97098	1.15634E-04	9.0675E-04	610469.43	4206463.03	3585.97105	0.00022	0.97098	1.15634E-04	3.3979E-04	
610476.43	4206463.03	3686.72177	0.00081	0.97006	1.15525E-04	9.2887E-04	610476.43	4206463.03	3686.72177	0.00023	0.97006	1.15525E-04	3.4598E-04	
610497.43	4206463.03	4011.51956	0.00088	0.96654	1.15105E-04	1.0001E-03	610497.43	4206463.03	4011.51956	0.00025	0.96654	1.15105E-04	3.6587E-04	
610504.43	4206463.03	4127.95407	0.00091	0.96510	1.14934E-04	1.0256E-03	610504.43	4206463.03	4127.95407	0.00026	0.96510	1.14934E-04	3.7297E-04	
610511.43	4206463.03	4248.91355	0.00094	0.96351	1.14745E-04	1.0521E-03	610511.43	4206463.03	4248.91355	0.00027	0.96351	1.14745E-04	3.8034E-04	
610518.43	4206463.03	4374.68277	0.00097	0.96178	1.14538E-04	1.0797E-03	610518.43	4206463.03	4374.68277	0.00027	0.96178	1.14538E-04	3.8800E-04	
610525.43	4206463.03	4505.72611	0.00099	0.95988	1.14312E-04	1.1083E-03	610525.43	4206463.03	4505.72611	0.00028	0.95988	1.14312E-04	3.9597E-04	
610532.43	4206463.03	4642.49062	0.00102	0.95781	1.14066E-04	1.1383E-03	610532.43	4206463.03	4642.49062	0.00029	0.95781	1.14066E-04	4.0427E-04	
610539.43	4206463.03	4785.67101	0.00106	0.95557	1.13799E-04	1.1696E-03	610539.43	4206463.03	4785.67101	0.00030	0.95557	1.13799E-04	4.1295E-04	
610546.43	4206463.03	4935.99189	0.00109	0.95314	1.13510E-04	1.2025E-03	610546.43	4206463.03	4935.99189	0.00031	0.95314	1.13510E-04	4.2206E-04	
610553.43	4206463.03	5094.36356	0.00112	0.95050	1.13195E-04	1.2371E-03	610553.43	4206463.03	5094.36356	0.00032	0.95050	1.13195E-04	4.3164E-04	
610560.43	4206463.03	5262.09126	0.00116	0.94765	1.12856E-04	1.2737E-03	610560.43	4206463.03	5262.09126	0.00033	0.94765	1.12856E-04	4.4178E-04	
610567.43	4206463.03	5439.97997	0.00120	0.94460	1.12493E-04	1.3126E-03	610567.43	4206463.03	5439.97997	0.00034	0.94460	1.12493E-04	4.5253E-04	
610574.43	4206463.03	5629.93958	0.00124	0.94131	1.12101E-04	1.3541E-03	610574.43	4206463.03	5629.93958	0.00035	0.94131	1.12101E-04	4.6403E-04	
610581.43	4206463.03	5833.25447	0.00129	0.93780	1.11668E-04	1.3986E-03	610581.43	4206463.03	5833.25447	0.00036	0.93780	1.11668E-04	4.7631E-04	
610588.43	4206463.03	6051.46829	0.00

610413.43	4206470.03	2811.40303	0.00062	0.91976	1.09534E-04	7.2977E-04	610413.43	4206470.03	2811.40303	0.00018	0.91976	1.09534E-04	2.8528E-04
610420.43	4206470.03	2883.94497	0.00064	0.91996	1.09558E-04	7.4580E-04	610420.43	4206470.03	2883.94497	0.00018	0.91996	1.09558E-04	2.8983E-04
610427.43	4206470.03	2959.11652	0.00065	0.92002	1.09565E-04	7.6238E-04	610427.43	4206470.03	2959.11652	0.00018	0.92002	1.09565E-04	2.9454E-04
610434.43	4206470.03	3036.77946	0.00067	0.91995	1.09557E-04	7.7951E-04	610434.43	4206470.03	3036.77946	0.00019	0.91995	1.09557E-04	2.9939E-04
610441.43	4206470.03	3117.2096	0.00069	0.91975	1.09533E-04	7.9723E-04	610441.43	4206470.03	3117.2096	0.00019	0.91975	1.09533E-04	3.0439E-04
610448.43	4206470.03	3200.35094	0.00071	0.91943	1.09495E-04	8.1554E-04	610448.43	4206470.03	3200.35094	0.00020	0.91943	1.09495E-04	3.0955E-04
610455.43	4206470.03	3286.35799	0.00073	0.91898	1.09441E-04	8.3446E-04	610455.43	4206470.03	3286.35799	0.00021	0.91898	1.09441E-04	3.1487E-04
610462.43	4206470.03	3375.34336	0.00074	0.91841	1.09374E-04	8.5402E-04	610462.43	4206470.03	3375.34336	0.00021	0.91841	1.09374E-04	3.2037E-04
610469.43	4206470.03	3467.3288	0.00076	0.91772	1.09291E-04	8.7423E-04	610469.43	4206470.03	3467.3288	0.00022	0.91772	1.09291E-04	3.2603E-04
610476.43	4206470.03	3562.53991	0.00079	0.91691	1.09195E-04	8.9514E-04	610476.43	4206470.03	3562.53991	0.00022	0.91691	1.09195E-04	3.3189E-04
610497.43	4206470.03	3868.53156	0.00085	0.91372	1.08815E-04	9.6227E-04	610497.43	4206470.03	3868.53156	0.00024	0.91372	1.08815E-04	3.5064E-04
610504.43	4206470.03	3977.94693	0.00088	0.91240	1.08658E-04	9.8625E-04	610504.43	4206470.03	3977.94693	0.00025	0.91240	1.08658E-04	3.5732E-04
610511.43	4206470.03	4091.39632	0.00090	0.91094	1.08484E-04	1.0116E-03	610511.43	4206470.03	4091.39632	0.00026	0.91094	1.08484E-04	3.6434E-04
610518.43	4206470.03	4209.27842	0.00093	0.90968	1.08329E-04	1.0396E-03	610518.43	4206470.03	4209.27842	0.00026	0.90914	1.08193E-04	3.7142E-04
610525.43	4206470.03	4331.99035	0.00096	0.90758	1.08084E-04	1.0618E-03	610525.43	4206470.03	4331.99035	0.00027	0.90758	1.08084E-04	3.7888E-04
610532.43	4206470.03	4459.3465	0.00098	0.90567	1.07856E-04	1.0918E-03	610532.43	4206470.03	4459.3465	0.00028	0.90567	1.07856E-04	3.8665E-04
610539.43	4206470.03	4593.81274	0.00101	0.90359	1.07609E-04	1.1221E-03	610539.43	4206470.03	4593.81274	0.00029	0.90359	1.07609E-04	3.9477E-04
610546.43	4206470.03	4734.28325	0.00104	0.90134	1.07341E-04	1.1518E-03	610546.43	4206470.03	4734.28325	0.00030	0.90134	1.07341E-04	4.0328E-04
610553.43	4206470.03	4882.19197	0.00108	0.89891	1.07051E-04	1.1841E-03	610553.43	4206470.03	4882.19197	0.00031	0.89891	1.07051E-04	4.1224E-04
610560.43	4206470.03	5038.61534	0.00111	0.89629	1.06739E-04	1.2183E-03	610560.43	4206470.03	5038.61534	0.00031	0.89629	1.06739E-04	4.2170E-04
610567.43	4206470.03	5204.67842	0.00115	0.89347	1.06403E-04	1.2546E-03	610567.43	4206470.03	5204.67842	0.00033	0.89347	1.06403E-04	4.3175E-04
610574.43	4206470.03	5381.5786	0.00119	0.89045	1.06044E-04	1.2938E-03	610574.43	4206470.03	5381.5786	0.00034	0.89045	1.06044E-04	4.4245E-04
610581.43	4206470.03	5570.73517	0.00123	0.88723	1.05660E-04	1.3346E-03	610581.43	4206470.03	5570.73517	0.00035	0.88723	1.05660E-04	4.5389E-04
610588.43	4206470.03	5773.49676	0.00127	0.88378	1.05249E-04	1.3790E-03	610588.43	4206470.03	5773.49676	0.00036	0.88378	1.05249E-04	4.6651E-04
610595.43	4206470.03	5991.37974	0.00132	0.88012	1.04814E-04	1.4266E-03	610595.43	4206470.03	5991.37974	0.00037	0.88012	1.04814E-04	4.7934E-04
610602.43	4206470.03	6225.01859	0.00137	0.87621	1.04348E-04	1.4777E-03	610602.43	4206470.03	6225.01859	0.00039	0.87621	1.04348E-04	4.9348E-04
610609.43	4206470.03	6475.76652	0.00143	0.87204	1.03851E-04	1.5325E-03	610609.43	4206470.03	6475.76652	0.00040	0.87204	1.03851E-04	5.0805E-04
610616.43	4206470.03	6744.25975	0.00149	0.86759	1.03321E-04	1.5912E-03	610616.43	4206470.03	6744.25975	0.00042	0.86759	1.03321E-04	5.2491E-04
610623.43	4206470.03	7031.1199	0.00155	0.86284	1.02756E-04	1.6539E-03	610623.43	4206470.03	7031.1199	0.00044	0.86284	1.02756E-04	5.4227E-04
610630.43	4206470.03	7339.11085	0.00162	0.85787	1.02164E-04	1.7213E-03	610630.43	4206470.03	7339.11085	0.00046	0.85787	1.02164E-04	5.6093E-04
610637.43	4206470.03	7669.67851	0.00169	0.85275	1.01554E-04	1.7936E-03	610637.43	4206470.03	7669.67851	0.00048	0.85275	1.01554E-04	5.8099E-04
610644.43	4206470.03	8021.36462	0.00177	0.84728	1.00903E-04	1.8705E-03	610644.43	4206470.03	8021.36462	0.00050	0.84728	1.00903E-04	6.0231E-04
610651.43	4206470.03	8392.99623	0.00185	0.84142	1.00205E-04	1.9518E-03	610651.43	4206470.03	8392.99623	0.00052	0.84142	1.00205E-04	6.2485E-04
610658.43	4206470.03	8786.85342	0.00194	0.83519	9.94628E-05	2.0380E-03	610658.43	4206470.03	8786.85342	0.00055	0.83519	9.94628E-05	6.4873E-04
610665.43	4206470.03	9202.20007	0.00203	0.82854	9.86709E-05	2.1288E-03	610665.43	4206470.03	9202.20007	0.00058	0.82854	9.86709E-05	6.7390E-04
610672.43	4206470.03	9641.31663	0.00213	0.82143	9.78242E-05	2.2248E-03	610672.43	4206470.03	9641.31663	0.00060	0.82143	9.78242E-05	7.0051E-04
610679.43	4206470.03	10107.89639	0.00223	0.81384	9.69203E-05	2.3269E-03	610679.43	4206470.03	10107.89639	0.00063	0.81384	9.69203E-05	7.2877E-04
610686.43	4206470.03	10600.49958	0.00234	0.80572	9.59583E-05	2.4346E-03	610686.43	4206470.03	10600.49958	0.00066	0.80572	9.59583E-05	7.5859E-04
610693.43	4206470.03	11125.06545	0.00245	0.79704	9.49198E-05	2.5493E-03	610693.43	4206470.03	11125.06545	0.00070	0.79704	9.49198E-05	7.9035E-04
610700.43	4206470.03	11679.24623	0.00258	0.78785	9.38253E-05	2.6704E-03	610700.43	4206470.03	11679.24623	0.00073	0.78785	9.38253E-05	8.2390E-04
610707.43	4206470.03	12266.72384	0.00271	0.77813	9.26676E-05	2.7989E-03	610707.43	4206470.03	12266.72384	0.00077	0.77813	9.26676E-05	8.5946E-04
610714.43	4206470.03	12891.77159	0.00284	0.76784	9.14422E-05	2.9355E-03	610714.43	4206470.03	12891.77159	0.00081	0.76784	9.14422E-05	8.9731E-04
610721.43	4206470.03	13552.36771	0.00299	0.75695	9.01453E-05	3.0800E-03	610721.43	4206470.03	13552.36771	0.00085	0.75695	9.01453E-05	9.3731E-04
610756.43	4206470.03	17334.21292	0.00382	0.69304	8.25342E-05	3.9067E-03	610756.43	4206470.03	17334.21292	0.00108	0.69304	8.25342E-05	1.1661E-03
610763.43	4206470.03	18176.08047	0.00401	0.67849	8.08015E-05	4.0907E-03	610763.43	4206470.03	18176.08047	0.00114	0.67849	8.08015E-05	1.2170E-03
610770.43	4206470.03	19012.55332	0.00419	0.66347	7.90127E-05	4.2734E-03	610770.43	4206470.03	19012.55332	0.00119	0.66347	7.90127E-05	1.2675E-03
610777.43	4206470.03	19800.06109	0.00437	0.64806	7.71775E-05	4.4453E-03	610777.43	4206470.03	19800.06109	0.00124	0.64806	7.71775E-05	1.3149E-03
610784.43	4206470.03	20587.95267	0.00454	0.63232	7.53031E-05	4.6178E-03	610784.43	4206470.03	20587.95267	0.00129	0.63232	7.53031E-05	1.3623E-03
610791.43	4206470.03	21371.1976	0.00471	0.61635	7.34012E-05	4.7882E-03	610791.43	4206470.03	21371.1976	0.00134	0.61635	7.34012E-05	1.4093E-03
610798.43	4206470.03	22144.81382	0.00489	0.60023	7.14815E-05	4.9568E-03	610798.43	4206470.03	22144.81382	0.00138	0.60023	7.14815E-05	1.4558E-03
610805.43	4206470.03	22903.30971	0.00505	0.58403	6.95522E-05	5.1223E-03	610805.43	4206470.03	22903.30971	0.00143	0.58403	6.95522E-05	1.5012E-03
610812.43	4206470.03	23639.5241	0.00522	0.56783	6.76229E-05	5.2828E-03	610812.43	4206470.03	23639.5241	0.00148	0.56783	6.76229E-05	1.5453E-03
610819.43	4206470.03	24349.41793	0.00537	0.55171	6.57032E-05	5.4375E-03	610819.43	4206470.03	24349.41793	0.00152	0.55171	6.57032E-05	1.5878E-03
610826.43	4206470.03	25027.39946	0.00552	0.53572	6.37990E-05	5.5852E-03	610826.43	4206470.03	25027.39946	0.00156	0.53572	6.37990E-05	1.6283E-03
610833.43	4206470.03	25688.42702	0.00566	0.51991	6.19161E-05	5.7247E-03	610833.43	4206470.03	25688.42702	0.00160	0.51991	6.19161E-05	1.6692E-03
610840.43	4206470.03	26268.40593	0.00580	0.50434	6.00619E-05	5.8552E-03	610840.43	4206470.03	26268.40593	0.00164	0.50434	6.00619E-05	1.7021E-03
610847.43	4206470.03	26822.98286	0.00592	0.48905	5.82410E-05	5.9758E-03	610847.43	4206470.03	26822.98286	0.00168	0.48905	5.82410E-05	1.7350E-03
610854.43	4206470.03	27331.89558	0.00603	0.47409	5.64594E-05	6.0862E-03	610854.43	4206470.03	27331.89558	0.00171	0.47409	5.64594E-05	1.7650E-03
610861.43	4206470.03	27790.26897	0.00613	0.45946	5.47171E-05	6.1856E-03	610861.43	4206470.03	27790.26897	0.00174	0.45946	5.47171E-05	1.7919E-03
610868.43	4206470.03	28196.69717	0.00622	0.44519	5.30177E-05	6.2736E-03	610868.43	4206470.03	28196.69717	0.00176	0.44519	5.30177E-05	1.8156E-03
610875.43	4206470.03	28550.49814	0.00630	0.43128	5.13612E-05	6.3500E-03	610875.43	4206470.03	28550.49814	0.00178	0.43128	5.13612E-05	1.8361E-03
610882.43	4206470.03	28851.6192	0.00637	0.41776	4.97511E-05	6.4148E-03	610882.43	4206470.03	28851.6192	0.00180	0.41776	4.97511E-05	1.8533E-03
610889.43	4206470.03	29100.64858	0.00642	0.40462	4.81862E-05	6.4682E-03	610889.43	4206470.03	29100.64858	0.00182	0.40462	4.81862E-05	1.8678E-03
610910.43	4206470.03	29549.54511	0.00652	0.36759	4.37763E-05	6.5628E-03	610910.43	4206470.03	29549.54511	0.00185	0.36759	4.37763E-05	1.8909E-03
610917.43	4206470.03	29606.0663	0.00653	0.35603	4.23997E-05	6.5739E-03	610917.43	4206470.03	29606.0663	0.00185	0.35603	4.23997E-05	1.8931E-03
610924.43	4206470.03	29620.08546	0.00653	0.34486	4.10694E-05	6.5757E-03	610924.43	4206470.03	29620.08546	0.00185	0.34486	4.10694E-05	1.8926E-03
610931.43	4206470.03	29593.94149	0.00653	0.33408	3.97856E-05	6.5686E-03	610931.43	4206470.03	29593.94149	0.00185	0.33408	3.97856E-05	1.8897E-03
610938.43	4206470.03	29530.43164	0.00651	0.32367	3.85459E-05	6.5534E-03	610938.43	4206470.03	29530.43164	0.00185	0.32367	3.85459E-05	1.8845E-03
610945.43	4206470.03	29432.04631	0.00649	0.31362	3.73490E-05	6.5305E-03	610945.43	4206470.03	29432.04631	0.00184	0.31362	3.73490E-05	1.8772E-03
610952.43	4206470.03	29301.4065	0.00646	0.30394	3.61963E-05	6.5005E-03	610952.43	4206470.03	29301.4065	0.00183	0.30394	3.61963E-05	1.8678E-03
610959.43	4206470.03	29141.04122	0.00643	0.29460	3.50839E-05	6.4640E-03	610959.43	4206470.03	29141.04122	0.00182	0.29460	3.50839E-05	1.8567E-03
610966.43	4206470.03	28953.42921	0.00639	0.28560	3.40121E-05	6.4215E-03	610966.43	4206470.03	28953.42921	0.00181	0.28560	3.40121E-05	1.8439E-03
610973.43	4206470.03	28740.90679	0.00634	0.27692	3.29784E-05	6.3736E-03	610973.43	4206470.03	28740.90679	0.00180	0.27692	3.29784E-05	1.8296E-03
610980.43	4206470.03	28505.7994	0.00629	0.26857	3.19840E-05	6.3208E-03	610980.43	4206470.03	28505.7994	0.00178	0.26857	3.19840E-05	1.8139E-03
610987.43	4206470.03	28250.21406	0.00623	0.26052	3.10254E-05	6.2634E-03	610987.43	4206470.03	28250.21406	0.00177	0.26052	3.10254E-05	1.7970E-03
611008.43	4206470.03	27380.76682	0.00604	0.23811	2.83565E-05	6.0688E-03	611008.43	4206470.03	27380.76682	0.00171	0.23811	2.83565E-05	1.7399E-03
611015.43	4206470.03	27062.71771	0.00597	0.23118	2.75313E-05	5.9979E-03	611015.43	4206470.03	27062.71771	0.00169	0.23118	2.75313E-05	1.7192E-03
611022.43	4206470.03	26733.31269	0.00590	0.22450	2.67357E-05	5.9245E-03	611022.43	4206470.03	26733.31269	0.00167	0.22450	2.67357E-05	1.6978E-03
611029.43	4206470.03	26393.93328	0.00582	0.21807	2.59700E-05	5.8488E-03	611029.43	4206470.03	26393.93328	0.00165	0.21807	2.59700E-05	1.6759E-03
611036.43	4206470.03	26046.15482	0.00575	0.21188	2.52328E-05	5.7724E-03	611036.43	4206470.03	26046.15482	0.00163	0.21188	2.52328E-05	1.6534E-03
611043.43	4206470.03	25693.03997	0.00567	0.20591	2.45218E-05	5.6928E-03	611043.43	4206470.03	25693.03997	0.00161	0.20591	2.45218E-05	1.6305E-03
611050.43	4206470.03	25329.83487	0.00559	0.20016	2.38371E-05	5.6119E-03	611050.43	4206470.03	25329.83487	0.00158	0.20016	2.38371E-05	1.6072E-03
611057.43	4206470.03	24963.80071	0.00551	0.19462	2.31773E-05	5.5305E-03	611057.43	4206470.03	24963.80071	0.00156	0.19462	2.31773E-05	1.5837E-03
611064.43	4206470.03	24722.40133	0.00545	0.19090	2.27343E-05	5.4768E-03	611064.43	4206470.03	24722.40133	0.00155	0.19090	2.27343E-05	1.5681E-03
611078.43	4206470.03	23845.38164	0.00526	0.17916	2.13362E-05	5.2820E-03	611078.43	4206470.03	23845.38164	0.00149	0.17916	2.13362E-05	1.5119E-03
611085.43	4206470.03	23468.71539	0.00518	0.17437	2.07657E-05	5.1983E-03	611085.43	4206470.03	23468.71539	0.00147	0.17437	2.07657E-05	1.4878E-03
611092.43	4206470.03	23091.34124	0.00509	0.16975	2.02155E-05	5.1145E-03	611092.43	4206470.03	23091.34124	0.00144	0.16975	2.02155E-05	1.4637E-03
611294.43	4206470.03	1854.37585	0.00041	0.84763	1.00944E-04	5.1005E-04	611294.43	4206470.03	1854.37585	0.00012	0.84763	1.00944E-04	2.1686E-04
611301.43	4206470.03	1892.61515	0.00042	0.84969	1.01190E-04	5.1873E-04	611301.43	4206470.03	1892.61515	0.00012	0.84969	1.01190E-04	2.1950E-04
610308.43	4206477.03	1932.0915	0.00043	0.85154	1.01410E-04	5.2766E-04	610308.43	4206477.03	1932.0915	0.00012	0.85154	1.01410E-04	2.2219E-04
610315.43	4206477.03	1973.06794	0.00044	0.85331	1.01621E-04	5.3691E-04	610315.43	4206477.03	1973.06794	0.00012	0.85331	1.01621E-04	2.2496E-04
610322.43	4206477.03	2015.25554	0.00044	0.85498	1.01820E-04	5.4641E-04	610322.43	4206477.03	2015.25554	0.00013	0.85498	1.01820E-04	2.2779E-04
610329.43	4206477.03	2058.87146	0.00045	0.85658	1.02010E-04	5.5623E-04	610329.43	4206477.03	2058.87146	0.00013	0.85658	1.02010E-04	2.3071E-04
610336.43	4206477.03	2104.26266	0.00046	0.85816	1.02198E-04	5.6643E-04	610336.43	4206477.03	2104.26266	0.00013	0.85816	1.02198E-04	2.3374E-04
610343.43	4206477.03	2152.18169	0.00047	0.85985	1.02400E-04	5.7726E-04	610343.43	4206477.03	2152.18169	0.00013	0.85985	1.02400E-04	2.3693E-04
610350.43	4206477.03	2201.73693	0.00049	0.86144	1.02589E-04	5.8832E-04	610350.43	4206477.03	2201.73693	0.00014	0.86144	1.02589E-04	2.4022E-04
610357.43	4206477.03	2252.97209	0.00050	0.86291	1.02764E-04	5.9980E-04	610357.43	4206477.03	2252.97209	0.00014	0.86291	1.02764E-04	2.4360E-04
610364.43	4206477.03	2305.9597	0.00051	0.86426	1.02925E-04	6.1165E-04	610364.43	4206477.03	2305.9597	0.00014	0.86426	1.02925E-04	2.4707E-04
610371.43	4206477.03	2360.72612	0.00052	0.86550	1.03072E-04	6.2388E-04	610371.43	4206477.03	2360.72612	0.00015	0.86550	1.03072E-04	2.5064E-04
610378.43	4206477.03	2417.39052	0.00053	0.86661	1.03205E-04	6.3651E-04	610378.43	4206477.03	2417.39052	0.00015	0.86661	1.03205E-04	2.5432E-04
610385.43	4206477.03	2475.9802	0.00055	0.86759	1.03321E-04	6.4956E-04	610385.43	4206477.03	2475.9802	0.00015	0.86759	1.03321E-04	2.5810E-04
610392.43	4206477.03	2536.51779	0.00056	0.86845	1.03424E-04	6.6301E-04	610392.43	4206477.03	2536.51779	0.00016	0.86845	1.03424E-04	2.6198E-04
610399.43	4206477.03	2599.17549	0.00057	0.86917	1.03510E-04	6.7692E-04	610399.43	4206477.03	2599.17549	0.00016	0.86917	1.03510E-04	2.6598E-04
610406.43	4206477.03	2663.90572	0.00059	0.86978	1.03582E-04	6.9128E-04	610406.43	4206477.03	2663.90572	0.00017	0.86978	1.03582E-04	2.7010E-04
610413.43	4206477.03	2730.98899	0.00060	0.87021	1.03633E-04	7.0613E-04	610413.43	4206477.03	2730.98899	0.00017	0.87021	1.03633E-04	2.7435E-04
610420.43	4206477.03	2800.36048	0.00062	0.87051	1.03669E-04	7.2147E-04	610420.43	4206477.03	2800.36048	0.00018	0.87051	1.03669E-04	2.7872E-04
610427.43	4206477.03	2872.02137	0.00063	0.87067	1.03688E-04	7.3730E-04	610427.43	4206477.03	2872.02137	0.00018	0.87067	1.03688E-04	2.8322E-04
610434.43	4206477.03	2946.07649	0.00065	0.87071	1.03693E-04	7.5364E-04	610434.43	4206477.03	2946.07649	0.00018	0.87071	1.03693E-04	2.8785E-04
610441.43	4206477.03	3022.57261	0.00067	0.87062	1.03682E-04	7.7050E-04	610441.43	4206477.03	3022.57261	0.00019	0.87062	1.03682E-04	2.9262E-04
610448.43	4206477.03	3101.6328	0.00068	0.87040	1.03656E-04	7.8792E-04	610448.43	4206477.03	3101.6328	0.00019	0.87040	1.03656E-04	2.9754E-04
610455.43	4206477.03	3183.25221	0.00070	0.87006	1.03616E-04	8.0588E-04	610455.43	4206477.03	3183.25221	0.00020	0.87006	1.03616E-04	3.0260E-04
610462.43	4206477.03	3267.60002	0.00072	0.86960	1.03561E-04	8.2444E-04	610462.43	4206477.03	3267.60002	0.00020	0.86960	1.03561E-04	3.0782E-04
610469.43	4206477.03	3354.71998	0.00074	0.86902	1.03492E-04	8.4359E-04	610469.43	4206477.03	3354.71998	0.00021	0.86902	1.03492E-04	3.1320E-04
610476.43	4206477.03	3444.71108	0.00076	0.86831	1.03407E-04	8.6336E-04	610476.43	4206477.03	3444.71108	0.00022	0.86831	1.03407E-04	3.1874E-04
610497.43	4206477.03	3733.11234	0.00082	0.86547	1.03069E-04	9.2664E-04	610497.43	4206477.03	3733.11234	0.00023	0.86547	1.03069E-04	3.3643E-04
610504.43	4206477.03	3835.93897	0.00085	0.86427	1.02926E-04	9.4919E-04	610504.43	4206477.03	3835.93897	0.00024	0.86427	1.02926E-04	3.4271E-04
610511.43	4206477.03	3942.51277	0.00087	0.86293	1.02766E-04	9.7254E-04	610511.43	4206477.03	3942.51277	0.00025	0.86293	1.02766E-04	3.4921E-04
610518.43	4206477.03	4053.11156	0.00089	0.86146	1.02591E-04	9.9676E-04	610518.43	4206477.03	4053.11156	0.00025	0.86146	1.02591E-04	3.5595E-04
610525.43	4206477.03	4168.08364	0.00092	0.85985	1.02400E-04	1.0219E-03	610525.43	4206477.03	4168.08364	0.00026	0.85985	1.02400E-04	3.6295E-04
610532.43	4206477.03	4287.98509	0.00095	0.85808	1.02189E-04	1.0482E-03	610532.43	4206477.03	4287.98509	0.00027	0.85808	1.02189E-04	3.7023E-04
610539.43	4206477.03	4413.30345	0.00098	0.85617	1.01961E-04	1.0756E-03	610539.43	4206477.03	4413.30345	0.00028	0.85617	1.01961E-04	3.7784E-04
610546.43	4206477.03	4544.74334	0.00100	0.85410	1.01715E-04	1.1043E-03	610546.43	4206477.03	4544.74334	0.00028	0.85410	1.01715E-04	3.8581E-04
610553.43	4206477.03	4683.14811	0.00103	0.85186	1.01448E-04	1.1346E-03	610553.43	4206477.03	4683.14811	0.00029	0.85186	1.01448E-04	3.9410E-04
610560.43	4206477.03	4829.63765	0.00107	0.84943	1.01159E-04	1.1666E-03	610560.43	4206477.03	4829.63765	0.00030	0.84943	1.01159E-04	4.0306E-04
610567.43	4206477.03	4984.92643	0.00110	0.84685	1.00851E-04	1.2006E-03	610567.43	4206477.03	4984.92643	0.00031	0.84685	1.00851E-04	4.1246E-04
610574.43	4206477.03	5150.46748	0.00114	0.84408	1.00522E-04	1.2368E-03	610574.43	4206477.03	5150.46748	0.00032	0.84408	1.00522E-04	4.2248E-04
610581.43	4206477.03	5327.14662	0.00118	0.84114	1.00171E-04	1.2754E-03	610581.43	4206477.03	5327.14662	0.00033	0.84114	1.00171E-04	4.3317E-04
610588.43	4206477.03	5516.6089	0.00122	0.83799	9.97963E-05	1.3168E-03	610588.43	4206477.03	5516.6089	0.00034	0.83799	9.97963E-05	4.4464E-04
610595.43	4206477.03	5719.71737	0.00126	0.83465	9.93986E-05	1.3612E-03	610595.43	4206477.03	5719.71737	0.00036	0.83465	9.93986E-05	4.5694E-04
610602.43	4206477.03	5937.18537	0.00131	0.83110	9.89758E-05	1.4088E-03	610602.43	4206477.03	5937.18537	0.00037	0.83110	9.89758E-05	4.7011E-04
610609.43	4206477.03	6170.47698	0.00136	0.82734	9.85280E-05	1.4598E-03	610609.43	4206477.03	6170.47698	0.00039	0.82734	9.85280E-05	4.8425E-04
610616.43	4206477.03	6419.54672	0.00142	0.82332	9.80493E-05	1.5143E-03	610616.43	4206477.03	6419.54672	0.00040	0.82332	9.80493E-05	4.9934E-04
610623.43	4206477.03	6685.6409	0.00147	0.81905	9.75408E-05	1.5725E-03	610623.43	4206477.03	6685.6409	0.00042	0.81905	9.75408E-05	5.1546E-04
610630.43	4206477.03	6969.72389	0.00154	0.81453	9.70025E-05	1.6346E-03	610630.43	4206477.03	6969.72389	0.00044	0.81453	9.70025E-05	5.3263E-04
610637.43	4206477.03	7275.40014	0.00161	0.80987	9.64475E-05	1.7015E-03	610637.43	4206477.03	7275.40014	0.00045	0.80987	9.64475E-05	5.5123E-04
610644.43	4206477.03	7598.47061	0.00168	0.80489	9.58544E-05	1.7722E-03	610644.43	4206477.03	7598.47061	0.00047	0.80489	9.58544E-05	5.7084E-04
610651.43	4206477.03	7940.68585	0.00175	0.79960	9.52245E-05	1.8470E-03	610651.43	4206477.03	7940.68585	0.00050	0.79960	9.52245E-05	5.9160E-04
610658.43	4206477.03	8300.78655	0.00183	0.79394	9.45504E

610413.43	4206484.03	2654.35794	0.00059	0.82467	9.82100E-05	6.83808E-04	610413.43	4206484.03	2654.35794	0.00017	0.82467	9.82100E-05	2.6413E-04
610420.43	4206484.03	2720.61544	0.00060	0.82506	9.82565E-05	6.98466E-04	610420.43	4206484.03	2720.61544	0.00017	0.82506	9.82565E-05	2.6832E-04
610427.43	4206484.03	2788.99471	0.00062	0.82533	9.82886E-05	7.13568E-04	610427.43	4206484.03	2788.99471	0.00017	0.82533	9.82886E-05	2.7263E-04
610434.43	4206484.03	2859.63229	0.00063	0.82546	9.83041E-05	7.29188E-04	610434.43	4206484.03	2859.63229	0.00018	0.82546	9.83041E-05	2.7706E-04
610441.43	4206484.03	2932.47981	0.00065	0.82547	9.83053E-05	7.45251E-04	610441.43	4206484.03	2932.47981	0.00018	0.82547	9.83053E-05	2.8162E-04
610448.43	4206484.03	3007.61774	0.00066	0.82536	9.82922E-05	7.61831E-04	610448.43	4206484.03	3007.61774	0.00019	0.82536	9.82922E-05	2.8638E-04
610455.43	4206484.03	3085.15046	0.00068	0.82512	9.82636E-05	7.78886E-04	610455.43	4206484.03	3085.15046	0.00019	0.82512	9.82636E-05	2.9112E-04
610462.43	4206484.03	3165.11884	0.00070	0.82477	9.82220E-05	7.96406E-04	610462.43	4206484.03	3165.11884	0.00020	0.82477	9.82220E-05	2.9607E-04
610469.43	4206484.03	3247.6273	0.00072	0.82429	9.81648E-05	8.14644E-04	610469.43	4206484.03	3247.6273	0.00020	0.82429	9.81648E-05	3.0117E-04
610497.43	4206484.03	3604.6142	0.00080	0.82120	9.77968E-05	8.93026E-04	610497.43	4206484.03	3604.6142	0.00023	0.82120	9.77968E-05	3.2312E-04
610504.43	4206484.03	3701.41821	0.00082	0.82012	9.76682E-05	9.14255E-04	610504.43	4206484.03	3701.41821	0.00023	0.82012	9.76682E-05	3.2904E-04
610511.43	4206484.03	3801.53305	0.00084	0.81891	9.75241E-05	9.36169E-04	610511.43	4206484.03	3801.53305	0.00024	0.81891	9.75241E-05	3.3516E-04
610518.43	4206484.03	3905.37411	0.00086	0.81757	9.73645E-05	9.58984E-04	610518.43	4206484.03	3905.37411	0.00024	0.81757	9.73645E-05	3.4148E-04
610525.43	4206484.03	4013.29297	0.00089	0.81610	9.71894E-05	9.82584E-04	610525.43	4206484.03	4013.29297	0.00025	0.81610	9.71894E-05	3.4806E-04
610532.43	4206484.03	4125.73695	0.00091	0.81448	9.69965E-05	1.0072E-03	610532.43	4206484.03	4125.73695	0.00026	0.81448	9.69965E-05	3.5490E-04
610539.43	4206484.03	4243.19096	0.00094	0.81273	9.67881E-05	1.0329E-03	610539.43	4206484.03	4243.19096	0.00027	0.81273	9.67881E-05	3.6203E-04
610546.43	4206484.03	4366.41863	0.00096	0.81083	9.65618E-05	1.0599E-03	610546.43	4206484.03	4366.41863	0.00027	0.81083	9.65618E-05	3.6951E-04
610553.43	4206484.03	4496.10891	0.00099	0.80877	9.63165E-05	1.0882E-03	610553.43	4206484.03	4496.10891	0.00028	0.80877	9.63165E-05	3.7737E-04
610560.43	4206484.03	4633.3572	0.00102	0.80654	9.60509E-05	1.1182E-03	610560.43	4206484.03	4633.3572	0.00029	0.80654	9.60509E-05	3.8568E-04
610567.43	4206484.03	4779.16893	0.00105	0.80415	9.57663E-05	1.1501E-03	610567.43	4206484.03	4779.16893	0.00030	0.80415	9.57663E-05	3.9451E-04
610574.43	4206484.03	4934.17737	0.00109	0.80161	9.54638E-05	1.1840E-03	610574.43	4206484.03	4934.17737	0.00031	0.80161	9.54638E-05	4.0380E-04
610581.43	4206484.03	5099.7479	0.00113	0.79891	9.51423E-05	1.2202E-03	610581.43	4206484.03	5099.7479	0.00032	0.79891	9.51423E-05	4.1393E-04
610588.43	4206484.03	5277.21607	0.00116	0.79605	9.48017E-05	1.2590E-03	610588.43	4206484.03	5277.21607	0.00033	0.79605	9.48017E-05	4.2468E-04
610595.43	4206484.03	5466.92997	0.00121	0.79301	9.44397E-05	1.3005E-03	610595.43	4206484.03	5466.92997	0.00034	0.79301	9.44397E-05	4.3618E-04
610602.43	4206484.03	5670.12087	0.00125	0.78980	9.40574E-05	1.3450E-03	610602.43	4206484.03	5670.12087	0.00035	0.78980	9.40574E-05	4.4850E-04
610609.43	4206484.03	5887.47383	0.00130	0.78638	9.36501E-05	1.3925E-03	610609.43	4206484.03	5887.47383	0.00037	0.78638	9.36501E-05	4.6168E-04
610616.43	4206484.03	6119.91615	0.00135	0.78276	9.32190E-05	1.4434E-03	610616.43	4206484.03	6119.91615	0.00038	0.78276	9.32190E-05	4.7578E-04
610623.43	4206484.03	6367.13473	0.00140	0.77891	9.27605E-05	1.4974E-03	610623.43	4206484.03	6367.13473	0.00040	0.77891	9.27605E-05	4.9077E-04
610630.43	4206484.03	6631.09053	0.00146	0.77482	9.22734E-05	1.5552E-03	610630.43	4206484.03	6631.09053	0.00041	0.77482	9.22734E-05	5.0678E-04
610637.43	4206484.03	6913.46145	0.00153	0.77056	9.17661E-05	1.6170E-03	610637.43	4206484.03	6913.46145	0.00043	0.77056	9.17661E-05	5.2393E-04
610644.43	4206484.03	7212.74143	0.00159	0.76602	9.12254E-05	1.6825E-03	610644.43	4206484.03	7212.74143	0.00045	0.76602	9.12254E-05	5.4210E-04
610651.43	4206484.03	7527.66736	0.00166	0.76119	9.06502E-05	1.7534E-03	610651.43	4206484.03	7527.66736	0.00047	0.76119	9.06502E-05	5.6121E-04
610658.43	4206484.03	7860.15988	0.00173	0.75606	9.00393E-05	1.8241E-03	610658.43	4206484.03	7860.15988	0.00049	0.75606	9.00393E-05	5.8138E-04
610665.43	4206484.03	8208.95048	0.00181	0.75060	8.93800E-05	1.9004E-03	610665.43	4206484.03	8208.95048	0.00051	0.75060	8.93800E-05	6.0253E-04
610672.43	4206484.03	8576.9748	0.00189	0.74479	8.86971E-05	1.9809E-03	610672.43	4206484.03	8576.9748	0.00054	0.74479	8.86971E-05	6.2485E-04
610679.43	4206484.03	8962.93799	0.00198	0.73860	8.79600E-05	2.0653E-03	610679.43	4206484.03	8962.93799	0.00056	0.73860	8.79600E-05	6.4823E-04
610686.43	4206484.03	9370.72678	0.00207	0.73202	8.71763E-05	2.1545E-03	610686.43	4206484.03	9370.72678	0.00059	0.73202	8.71763E-05	6.7294E-04
610693.43	4206484.03	9798.8483	0.00216	0.72511	8.63534E-05	2.2481E-03	610693.43	4206484.03	9798.8483	0.00061	0.72511	8.63534E-05	6.9888E-04
610700.43	4206484.03	10252.29805	0.00226	0.71783	8.54685E-05	2.3473E-03	610700.43	4206484.03	10252.29805	0.00064	0.71783	8.54685E-05	7.2636E-04
610707.43	4206484.03	10725.958	0.00237	0.71017	8.45742E-05	2.4508E-03	610707.43	4206484.03	10725.958	0.00067	0.71017	8.45742E-05	7.5508E-04
610714.43	4206484.03	11224.68013	0.00248	0.70210	8.36132E-05	2.5599E-03	610714.43	4206484.03	11224.68013	0.00070	0.70210	8.36132E-05	7.8527E-04
610721.43	4206484.03	11752.38104	0.00259	0.69360	8.26009E-05	2.6753E-03	610721.43	4206484.03	11752.38104	0.00073	0.69360	8.26009E-05	8.1724E-04
610735.43	4206484.03	12880.96991	0.00284	0.67520	8.04096E-05	2.9221E-03	610735.43	4206484.03	12880.96991	0.00081	0.67520	8.04096E-05	8.8560E-04
610742.43	4206484.03	13488.94899	0.00298	0.66526	7.92250E-05	3.0551E-03	610742.43	4206484.03	13488.94899	0.00084	0.66526	7.92250E-05	9.2242E-04
610749.43	4206484.03	14117.52496	0.00311	0.65484	7.79850E-05	3.1925E-03	610749.43	4206484.03	14117.52496	0.00088	0.65484	7.79850E-05	9.6047E-04
610756.43	4206484.03	14769.53617	0.00326	0.64393	7.66857E-05	3.3350E-03	610756.43	4206484.03	14769.53617	0.00092	0.64393	7.66857E-05	9.9993E-04
610763.43	4206484.03	15449.17241	0.00341	0.63254	7.53239E-05	3.4836E-03	610763.43	4206484.03	15449.17241	0.00097	0.63254	7.53239E-05	1.0431E-03
610770.43	4206484.03	16121.86545	0.00356	0.62073	7.39228E-05	3.6306E-03	610770.43	4206484.03	16121.86545	0.00101	0.62073	7.39228E-05	1.0817E-03
610777.43	4206484.03	16772.45344	0.00370	0.60852	7.24687E-05	3.7727E-03	610777.43	4206484.03	16772.45344	0.00105	0.60852	7.24687E-05	1.1209E-03
610784.43	4206484.03	17429.68526	0.00385	0.59595	7.09718E-05	3.9162E-03	610784.43	4206484.03	17429.68526	0.00109	0.59595	7.09718E-05	1.1605E-03
610791.43	4206484.03	18089.94941	0.00399	0.58308	6.94391E-05	4.0603E-03	610791.43	4206484.03	18089.94941	0.00113	0.58308	6.94391E-05	1.2002E-03
610798.43	4206484.03	18749.83368	0.00414	0.56998	6.78790E-05	4.2043E-03	610798.43	4206484.03	18749.83368	0.00117	0.56998	6.78790E-05	1.2398E-03
610805.43	4206484.03	19405.10692	0.00428	0.55669	6.62963E-05	4.3478E-03	610805.43	4206484.03	19405.10692	0.00121	0.55669	6.62963E-05	1.2793E-03
610812.43	4206484.03	20050.81513	0.00442	0.54328	6.46993E-05	4.4882E-03	610812.43	4206484.03	20050.81513	0.00125	0.54328	6.46993E-05	1.3181E-03
610819.43	4206484.03	20683.1401	0.00456	0.52981	6.30955E-05	4.6261E-03	610819.43	4206484.03	20683.1401	0.00129	0.52981	6.30955E-05	1.3568E-03
610826.43	4206484.03	21298.23887	0.00470	0.51632	6.14886E-05	4.7602E-03	610826.43	4206484.03	21298.23887	0.00133	0.51632	6.14886E-05	1.3928E-03
610833.43	4206484.03	21891.20194	0.00483	0.50287	5.98868E-05	4.8894E-03	610833.43	4206484.03	21891.20194	0.00137	0.50287	5.98868E-05	1.4283E-03
610840.43	4206484.03	22458.5069	0.00495	0.48951	5.82958E-05	5.0128E-03	610840.43	4206484.03	22458.5069	0.00140	0.48951	5.82958E-05	1.4622E-03
610847.43	4206484.03	22995.85384	0.00507	0.47627	5.67190E-05	5.1299E-03	610847.43	4206484.03	22995.85384	0.00144	0.47627	5.67190E-05	1.4942E-03
610854.43	4206484.03	23501.71094	0.00518	0.46321	5.51637E-05	5.2400E-03	610854.43	4206484.03	23501.71094	0.00147	0.46321	5.51637E-05	1.5243E-03
610861.43	4206484.03	23971.90749	0.00529	0.45034	5.36310E-05	5.3422E-03	610861.43	4206484.03	23971.90749	0.00150	0.45034	5.36310E-05	1.5523E-03
610868.43	4206484.03	24403.98387	0.00538	0.43768	5.21234E-05	5.4360E-03	610868.43	4206484.03	24403.98387	0.00153	0.43768	5.21234E-05	1.5776E-03
610875.43	4206484.03	24796.07777	0.00547	0.42526	5.06443E-05	5.5258E-03	610875.43	4206484.03	24796.07777	0.00155	0.42526	5.06443E-05	1.6007E-03
610882.43	4206484.03	25147.27993	0.00555	0.41309	4.91949E-05	5.5970E-03	610882.43	4206484.03	25147.27993	0.00157	0.41309	4.91949E-05	1.6212E-03
610889.43	4206484.03	25457.00231	0.00562	0.40120	4.77790E-05	5.6639E-03	610889.43	4206484.03	25457.00231	0.00159	0.40120	4.77790E-05	1.6391E-03
610910.43	4206484.03	26137.86351	0.00577	0.36723	4.37335E-05	5.8101E-03	610910.43	4206484.03	26137.86351	0.00163	0.36723	4.37335E-05	1.6778E-03
610917.43	4206484.03	26284.37575	0.00580	0.35650	4.24556E-05	5.8411E-03	610917.43	4206484.03	26284.37575	0.00164	0.35650	4.24556E-05	1.6850E-03
610924.43	4206484.03	26392.70638	0.00582	0.34608	4.12147E-05	5.8638E-03	610924.43	4206484.03	26392.70638	0.00165	0.34608	4.12147E-05	1.6910E-03
610931.43	4206484.03	26464.4116	0.00584	0.33595	4.00083E-05	5.8784E-03	610931.43	4206484.03	26464.4116	0.00165	0.33595	4.00083E-05	1.6943E-03
610938.43	4206484.03	26501.05985	0.00585	0.32614	3.88401E-05	5.8853E-03	610938.43	4206484.03	26501.05985	0.00166	0.32614	3.88401E-05	1.6954E-03
610945.43	4206484.03	26504.55773	0.00585	0.31662	3.77063E-05	5.8850E-03	610945.43	4206484.03	26504.55773	0.00166	0.31662	3.77063E-05	1.6945E-03
610952.43	4206484.03	26476.70042	0.00584	0.30739	3.66071E-05	5.8777E-03	610952.43	4206484.03	26476.70042	0.00166	0.30739	3.66071E-05	1.6917E-03
610959.43	4206484.03	26413.31757	0.00583	0.29846	3.55436E-05	5.8640E-03	610959.43	4206484.03	26413.31757	0.00165	0.29846	3.55436E-05	1.6870E-03
610966.43	4206484.03	26234.38259	0.00581	0.28982	3.45147E-05	5.8442E-03	610966.43	4206484.03	26234.38259	0.00165	0.28982	3.45147E-05	1.6807E-03
610973.43	4206484.03	26223.84459	0.00579	0.28146	3.35191E-05	5.8189E-03	610973.43	4206484.03	26223.84459	0.00164	0.28146	3.35191E-05	1.6728E-03
610980.43	4206484.03	26089.4174	0.00576	0.27337	3.25557E-05	5.7882E-03	610980.43	4206484.03	26089.4174	0.00163	0.27337	3.25557E-05	1.6634E-03
610987.43	4206484.03	25932.91284	0.00572	0.26555	3.16244E-05	5.7528E-03	610987.43	4206484.03	25932.91284	0.00162	0.26555	3.16244E-05	1.6527E-03
611008.43	4206484.03	25348.90075	0.00559	0.24363	2.90139E-05	5.6231E-03	611008.43	4206484.03	25348.90075	0.00158	0.24363	2.90139E-05	1.6138E-03
611015.43	4206484.03	25121.41136	0.00554	0.23681	2.82017E-05	5.5703E-03	611015.43	4206484.03	25121.41136	0.00157	0.23681	2.82017E-05	1.5985E-03
611022.43	4206484.03	24880.01094	0.00549	0.23022	2.74169E-05	5.5163E-03	611022.43	4206484.03	24880.01094	0.00156	0.23022	2.74169E-05	1.5827E-03
611029.43	4206484.03	24626.15071	0.00543	0.22386	2.66595E-05	5.4595E-03	611029.43	4206484.03	24626.15071	0.00154	0.22386	2.66595E-05	1.5660E-03
611036.43	4206484.03	24361.02536	0.00537	0.21771	2.59271E-05	5.4003E-03	611036.43	4206484.03	24361.02536	0.00152	0.21771	2.59271E-05	1.5487E-03
611043.43	4206484.03	24086.14596	0.00531	0.21177	2.52197E-05	5.3390E-03	611043.43	4206484.03	24086.14596	0.00151	0.21177	2.52197E-05	1.5308E-03
611050.43	4206484.03	23802.27908	0.00525	0.20604	2.45373E-05	5.2756E-03	611050.43	4206484.03	23802.27908	0.00149	0.20604	2.45373E-05	1.5124E-03
611057.43	4206484.03	23510.79056	0.00519	0.20050	2.38776E-05	5.2107E-03	611057.43	4206484.03	23510.79056	0.00147	0.20050	2.38776E-05	1.4935E-03
611062.21	4206483.92	23319.03541	0.00514	0.19678	2.34346E-05	5.1679E-03	611062.21	4206483.92	23319.03541	0.00146	0.19678	2.34346E-05	1.4831E-03
611078.43	4206484.03	22600.25639	0.00499	0.18498	2.20239E-05	5.0080E-03	611078.43	4206484.03	22600.25639	0.00141	0.18498	2.20239E-05	1.4348E-03
611085.43	4206484.03	22287.52722	0.00492	0.18015	2.14541E-05	4.9384E-03	611085.43	4206484.03	22287.52722	0.00139	0.18015	2.14541E-05	1.4147E-03
611092.43	4206484.03	21971.80307	0.00485	0.17549	2.08991E-05	4.8682E-03	611092.43	4206484.03	21971.80307	0.00137	0.17549	2.08991E-05	1.3944E-03
610294.43	4206491.03	1770.77735	0.00039	0.75892	9.03799E-05	4.8104E-04	610294.43	4206491.03	1770.77735	0.00011	0.75892	9.03799E-05	2.0107E-04
610301.43	4206491.03	1806.58694	0.00040	0.76116	9.06466E-05	4.8920E-04	610301.43	4206491.03	1806.58694	0.00011	0.76116	9.06466E-05	2.0358E-04
610308.43	4206491.03	1843.54029	0.00041	0.76320	9.08896E-05	4.9760E-04	610308.43	4206491.03	1843.54029	0.00012	0.76320	9.08896E-05	2.0613E-04
610315.43	4206491.03	1881.8494	0.00042	0.76507	9.11123E-05	5.0627E-04	610315.43	4206491.03	1881.8494	0.00012	0.76507	9.11123E-05	2.0875E-04
610322.43	4206491.03	1921.28792	0.00042	0.76677	9.13147E-05	5.1518E-04	610322.43	4206491.03	1921.28792	0.00012	0.76677	9.13147E-05	2.1141E-04
610329.43	4206491.03	1962.01256	0.00043	0.76839	9.15077E-05	5.2435E-04	610329.43	4206491.03	1962.01256	0.00012	0.76839	9.15077E-05	2.1415E-04
610336.43	4206491.03	2004.3372	0.00044	0.76998	9.16970E-05	5.3388E-04	610336.43	4206491.03	2004.3372	0.00013	0.76998	9.16970E-05	2.1698E-04
610343.43	4206491.03	2048.72464	0.00045	0.77161	9.18911E-05	5.4387E-04	610343.43	4206491.03	2048.72464	0.00013	0.77161	9.18911E-05	2.1996E-04
610350.43	4206491.03	2094.7132	0.00046	0.77316	9.20757E-05	5.5420E-04	610350.43	4206491.03	2094.7132	0.00013	0.77316	9.20757E-05	2.2302E-04
610357.43	4206491.03	2142.01421	0.00047	0.77461	9.22484E-05	5.6481E-04	610357.43	4206491.03	2142.01421	0.00013	0.77461	9.22484E-05	2.2615E-04
610364.43	4206491.03	2191.03183	0.00048	0.77597	9.24104E-05	5.7578E-04	610364.43	4206491.03	2191.03183	0.00014	0.77597	9.24104E-05	2.2937E-04
610371.43	4206491.03	2241.63341	0.00049	0.77723	9.25604E-05	5.8710E-04	610371.43	4206491.03	2241.63341	0.00014	0.77723	9.25604E-05	2.3269E-04
610378.43	4206491.03	2293.69786	0.00051	0.77839	9.26986E-05	5.9872E-04	610378.43	4206491.03	2293.69786	0.00014	0.77839	9.26986E-05	2.3608E-04
610385.43	4206491.03	2347.65556	0.00052	0.77946	9.28260E-05	6.1075E-04	610385.43	4206491.03	2347.65556	0.00015	0.77946	9.28260E-05	2.3958E-04
610392.43	4206491.03	2403.14585	0.00053	0.78045	9.29439E-05	6.2311E-04	610392.43	4206491.03	2403.14585	0.00015	0.78045	9.29439E-05	2.4316E-04
610399.43	4206491.03	2460.59014	0.00054	0.78131	9.30463E-05	6.3589E-04	610399.43	4206491.03	2460.59014	0.00015	0.78131	9.30463E-05	2.4686E-04
610406.43	4206491.03	2519.88541	0.00056	0.78206	9.31356E-05	6.4906E-04	610406.43	4206491.03	2519.88541	0.00016	0.78206	9.31356E-05	2.5065E-04
610413.43	4206491.03	2581.16053	0.00057	0.78268	9.32095E-05	6.6265E-04	610413.43	4206491.03	2581.16053	0.00016	0.78268	9.32095E-05	2.5456E-04
610420.43	4206491.03	2644.49761	0.00058	0.78316	9.32668E-05	6.7668E-04	610420.43	4206491.03	2644.49761	0.00017	0.78316	9.32668E-05	2.5857E-04
610427.43	4206491.03	2709.81946	0.00060	0.78351	9.33083E-05	6.9113E-04	610427.43	4206491.03	2709.81946	0.00017	0.78351	9.33083E-05	2.6270E-04
610434.43	4206491.03	2777.15929	0.00061	0.78374	9.33357E-05	7.0602E-04	610434.43	4206491.03	2777.15929	0.00017	0.78374	9.33357E-05	2.6684E-04
610441.43	4206491.03	2846.52615	0.00063	0.78385	9.33488E-05	7.2133E-04	610441.43	4206491.03	2846.52615	0.00018	0.78385	9.33488E-05	2.7129E-04
610448.43	4206491.03	2917.99616	0.00064	0.78383	9.33464E-05	7.3710E-04	610448.43	4206491.03	2917.99616	0.00018	0.78383	9.33464E-05	2.7575E-04
610455.43	4206491.03	2991.64837	0.00066	0.78370	9.33309E-05	7.5333E-04	610455.43	4206491.03	2991.64837	0.00019	0.78370	9.33309E-05	2.8034E-04
610462.43	4206491.03	3067.49259	0.00068	0.78345	9.33012E-05	7.7003E-04	610462.43	4206491.03	3067.49259	0.00019	0.78345	9.33012E-05	2.8505E-04
610469.43	4206491.03	3145.6085	0.00069	0.78308	9.32571E-05	7.8722E-04	610469.43	4206491.03	3145.6085	0.00020	0.78308	9.32571E-05	2.8989E-04
610497.43	4206491.03	3482.67531	0.00077	0.78043	9.29415E-05	8.6127E-04	610497.43	4206491.03	3482.67531	0.00022	0.78043	9.29415E-05	3.1064E-04
610504.43	4206491.03	3573.76649	0.00079	0.77947	9.28272E-05	8.8125E-04	610504.43	4206491.03	3573.76649	0.00022	0.77947	9.28272E-05	3.1622E-04
610511.43	4206491.03	3667.92026	0.00081	0.77839	9.26986E-05	9.0189E-04	610511.43	4206491.03	3667.92026	0.00023	0.77839	9.26986E-05	3.2198E-04
610518.43	4206491.03	3765.50035	0.00083	0.77718	9.25545E-05	9.2328E-04	610518.43	4206491.03	3765.50035	0.00024	0.77718	9.25545E-05	3.2794E-04
610525.43	4206491.03	3866.84502	0.00085	0.77584	9.23949E-05	9.4547E-04	610525.43	4206491.03	3866.84502	0.00024	0.77584	9.23949E-05	3.3411E-04
610532.43	4206491.03	3972.40995	0.00088	0.77438	9.22210E-05	9.6859E-04	610532.43	4206491.03	3972.40995	0.00025	0.77438	9.22210E-05	3.4054E-04
610539.43	4206491.03	4082.67624	0.00090	0.77278	9.20305E-05	9.9272E-04	610539.43	4206491.03	4082.67624	0.00026	0.77278	9.20305E-05	3.4724E-04
610546.43	4206491.03	4198.36523	0.00093	0.77104	9.18232E-05	1.0180E-03	610546.43	4206491.03	4198.36523	0.00026	0.77104	9.18232E-05	3.5426E-04
610553.43	4206491.03	4320.12544	0.00095	0.76916	9.15994E-05	1.0447E-03	610553.43	4206491.03	4320.12544	0.00027	0.76916	9.15994E-05	3.6165E-04
610560.43	4206491.03	4449.04945	0.00098	0.76711	9.13552E-05	1.0729E-03	610560.43	4206491.03	4449.04945	0.00028	0.76711	9.13552E-05	3.6947E-04
610567.43	4206491.03	4585.82458	0.00101	0.76491	9.10932E-05	1.1023E-03	610567.43	4206491.03	4585.82458	0.00029	0.76491	9.10932E-05	3.7775E-04
610574.43	4206491.03	4731.39249	0.00104	0.76258	9.08157E-05	1.1346E-03	610574.43	4206491.03	4731.39249	0.00030	0.76258	9.08157E-05	3.8658E-04
610581.43	4206491.03	4886.82844	0.00108	0.76011	9.05216E-05	1.1698E-03	610581.43	4206491.03	4886.82844	0.00031	0.76011	9.05216E-05	3.9600E-04
610588.43	4206491.03	5053.10509	0.00111	0.75750	9.02108E-05	1.2050E-03	610588.43	4206491.03	5053.10509	0.00032	0.75750	9.02108E-05	4.0608E-04
610595.43	4206491.03	5230.98314	0.00115	0.75473	8.98809E-05	1.2439E-03	610595.43	4206491.03	5230.98314	0.00033	0.75473	8.98809E-05	4.1687E-04
610602.43	4206491.03	5421.21508	0.00120	0.75180	8.95319E-05	1.2859E-03	610602.43	4206491.03	5421.21508	0.00034	0.75180	8.95319E-05	4.2841E-04
610609.43	4206491.03	5624.45723	0.00124	0.74870	8.91628E-05	1.3300E-03	610609.43	4206491.03	5624.45723	0.00035	0.74870	8.91628E-05	4.4075E-04
610616.43	4206491.03	5841.22102	0.00129	0.74540	8.87698E-05	1.3774E-03	610616.43	4206491.03	5841.22102	0.00037	0.74540	8.87698E-05	4.5391E-04
610623.43	4206491.03	6071.74938	0.00134	0.74191	8.83541E-05	1.4279E-03	610623.43	4206491.03	6071.74938	0.00038	0.74191	8.83541E-05	4.6790E-04
610630.43	4206491.03	6317.72173	0.00139	0.73822	8.79147E-05	1.4817E-03	610630.43	4206491.03	6317.72173	0.00039	0.73822	8.79147E-05	4.8284E-04
610637.43	4206491.03	6579.93442	0.00145	0.73431	8.74401E-05	1.5391E-03	610637.43	4206491.03	6579.93442	0.00041	0.73431	8.74401E-05	4.9870E-04
610644.43	4206491.03	6857.30996	0.00151	0.73017	8.69560E-05	1.5998E-03	610644.43	4206491.03	6857.30996	0.00043	0.73017	8.69560E-05	5.1561E-04
610651.43	4206491.03	7148.78677	0.00158	0.72577	8.64320E-05	1.6

610406.43	4206498.03	2452.54259	0.00054	0.74315	8.85018E-05	6.29576-04	610406.43	4206498.03	2452.54259	0.00015	0.74315	8.85018E-05	2.41818-04
610413.43	4206498.03	2511.18474	0.00055	0.74384	8.85340E-05	6.42596-04	610413.43	4206498.03	2511.18474	0.00016	0.74384	8.85340E-05	2.45566-04
610420.43	4206498.03	2571.79202	0.00057	0.74440	8.86507E-05	6.56026-04	610420.43	4206498.03	2571.79202	0.00016	0.74440	8.86507E-05	2.49416-04
610427.43	4206498.03	2634.15127	0.00058	0.74483	8.87019E-05	6.69836-04	610427.43	4206498.03	2634.15127	0.00016	0.74483	8.87019E-05	2.53366-04
610434.43	4206498.03	2698.34629	0.00060	0.74515	8.87400E-05	6.84036-04	610434.43	4206498.03	2698.34629	0.00017	0.74515	8.87400E-05	2.57416-04
610441.43	4206498.03	2764.46231	0.00061	0.74535	8.87638E-05	6.98646-04	610441.43	4206498.03	2764.46231	0.00017	0.74535	8.87638E-05	2.61576-04
610448.43	4206498.03	2832.4453	0.00062	0.74543	8.87733E-05	7.13656-04	610448.43	4206498.03	2832.4453	0.00018	0.74543	8.87733E-05	2.65836-04
610455.43	4206498.03	2902.40749	0.00064	0.74539	8.87686E-05	7.29086-04	610455.43	4206498.03	2902.40749	0.00018	0.74539	8.87686E-05	2.70206-04
610462.43	4206498.03	2974.35326	0.00066	0.74524	8.87507E-05	7.44936-04	610462.43	4206498.03	2974.35326	0.00019	0.74524	8.87507E-05	2.74686-04
610469.43	4206498.03	3048.34784	0.00067	0.74498	8.87198E-05	7.61216-04	610469.43	4206498.03	3048.34784	0.00019	0.74498	8.87198E-05	2.79276-04
610497.43	4206498.03	3366.6977	0.00074	0.74276	8.84454E-05	8.31196-04	610497.43	4206498.03	3366.6977	0.00021	0.74276	8.84454E-05	2.98916-04
610504.43	4206498.03	3452.44531	0.00076	0.74192	8.83553E-05	8.50016-04	610504.43	4206498.03	3452.44531	0.00022	0.74192	8.83553E-05	3.04176-04
610511.43	4206498.03	3541.10066	0.00078	0.74096	8.82410E-05	8.69486-04	610511.43	4206498.03	3541.10066	0.00022	0.74096	8.82410E-05	3.09606-04
610518.43	4206498.03	3632.87004	0.00080	0.73988	8.81124E-05	8.89576-04	610518.43	4206498.03	3632.87004	0.00023	0.73988	8.81124E-05	3.15206-04
610525.43	4206498.03	3728.16612	0.00082	0.73868	8.79695E-05	9.10456-04	610525.43	4206498.03	3728.16612	0.00023	0.73868	8.79695E-05	3.21026-04
610532.43	4206498.03	3827.42202	0.00084	0.73735	8.78111E-05	9.32156-04	610532.43	4206498.03	3827.42202	0.00024	0.73735	8.78111E-05	3.27066-04
610539.43	4206498.03	3931.10213	0.00087	0.73590	8.76384E-05	9.54896-04	610539.43	4206498.03	3931.10213	0.00025	0.73590	8.76384E-05	3.33376-04
610546.43	4206498.03	4039.7497	0.00089	0.73433	8.74514E-05	9.78686-04	610546.43	4206498.03	4039.7497	0.00025	0.73433	8.74514E-05	3.39986-04
610553.43	4206498.03	4154.14507	0.00092	0.73262	8.72478E-05	1.00376-03	610553.43	4206498.03	4154.14507	0.00026	0.73262	8.72478E-05	3.46926-04
610560.43	4206498.03	4275.34813	0.00094	0.73074	8.70239E-05	1.03026-03	610560.43	4206498.03	4275.34813	0.00027	0.73074	8.70239E-05	3.54286-04
610567.43	4206498.03	4404.0596	0.00097	0.72871	8.67822E-05	1.05846-03	610567.43	4206498.03	4404.0596	0.00028	0.72871	8.67822E-05	3.62086-04
610574.43	4206498.03	4541.05044	0.00100	0.72657	8.65273E-05	1.08838-03	610574.43	4206498.03	4541.05044	0.00028	0.72657	8.65273E-05	3.70396-04
610581.43	4206498.03	4687.25434	0.00103	0.72431	8.62582E-05	1.12036-03	610581.43	4206498.03	4687.25434	0.00029	0.72431	8.62582E-05	3.79266-04
610588.43	4206498.03	4843.50054	0.00107	0.72192	8.59735E-05	1.15456-03	610588.43	4206498.03	4843.50054	0.00030	0.72192	8.59735E-05	3.88746-04
610595.43	4206498.03	5010.2582	0.00111	0.71939	8.56722E-05	1.19106-03	610595.43	4206498.03	5010.2582	0.00031	0.71939	8.56722E-05	3.98866-04
610602.43	4206498.03	5188.77877	0.00114	0.71672	8.53543E-05	1.23016-03	610602.43	4206498.03	5188.77877	0.00032	0.71672	8.53543E-05	4.09716-04
610609.43	4206498.03	5379.28665	0.00119	0.71389	8.50172E-05	1.27186-03	610609.43	4206498.03	5379.28665	0.00034	0.71389	8.50172E-05	4.21286-04
610616.43	4206498.03	5581.85205	0.00123	0.71091	8.46624E-05	1.31616-03	610616.43	4206498.03	5581.85205	0.00035	0.71091	8.46624E-05	4.33586-04
610623.43	4206498.03	5797.41802	0.00128	0.70773	8.42836E-05	1.36386-03	610623.43	4206498.03	5797.41802	0.00036	0.70773	8.42836E-05	4.46686-04
610630.43	4206498.03	6026.5667	0.00133	0.70436	8.38823E-05	1.41346-03	610630.43	4206498.03	6026.5667	0.00038	0.70436	8.38823E-05	4.60606-04
610637.43	4206498.03	6271.09201	0.00138	0.70079	8.34572E-05	1.46686-03	610637.43	4206498.03	6271.09201	0.00039	0.70079	8.34572E-05	4.75466-04
610644.43	4206498.03	6528.39268	0.00144	0.69700	8.30058E-05	1.52386-03	610644.43	4206498.03	6528.39268	0.00041	0.69700	8.30058E-05	4.91106-04
610651.43	4206498.03	6799.55293	0.00150	0.69298	8.25271E-05	1.58266-03	610651.43	4206498.03	6799.55293	0.00043	0.69298	8.25271E-05	5.07576-04
610658.43	4206498.03	7083.29217	0.00156	0.68871	8.20186E-05	1.64476-03	610658.43	4206498.03	7083.29217	0.00044	0.68871	8.20186E-05	5.24886-04
610665.43	4206498.03	7381.35062	0.00163	0.68418	8.14791E-05	1.70986-03	610665.43	4206498.03	7381.35062	0.00046	0.68418	8.14791E-05	5.42896-04
610672.43	4206498.03	7692.38611	0.00170	0.67936	8.09051E-05	1.77806-03	610672.43	4206498.03	7692.38611	0.00048	0.67936	8.09051E-05	5.61766-04
610679.43	4206498.03	8018.99603	0.00177	0.67429	8.03013E-05	1.84946-03	610679.43	4206498.03	8018.99603	0.00050	0.67429	8.03013E-05	5.81576-04
610686.43	4206498.03	8359.73163	0.00184	0.66896	7.96665E-05	1.92396-03	610686.43	4206498.03	8359.73163	0.00052	0.66896	7.96665E-05	6.02236-04
610693.43	4206498.03	8718.20466	0.00192	0.66337	7.90008E-05	2.00246-03	610693.43	4206498.03	8718.20466	0.00054	0.66337	7.90008E-05	6.23986-04
610700.43	4206498.03	9092.43221	0.00201	0.65751	7.83029E-05	2.08426-03	610700.43	4206498.03	9092.43221	0.00057	0.65751	7.83029E-05	6.46676-04
610707.43	4206498.03	9480.81066	0.00209	0.65137	7.75717E-05	2.16926-03	610707.43	4206498.03	9480.81066	0.00059	0.65137	7.75717E-05	6.70226-04
610714.43	4206498.03	9887.57915	0.00218	0.64493	7.68048E-05	2.25816-03	610714.43	4206498.03	9887.57915	0.00062	0.64493	7.68048E-05	6.94886-04
610721.43	4206498.03	10313.36188	0.00228	0.63818	7.60009E-05	2.35136-03	610721.43	4206498.03	10313.36188	0.00064	0.63818	7.60009E-05	7.20696-04
610735.43	4206498.03	11225.20803	0.00248	0.62362	7.42670E-05	2.55076-03	610735.43	4206498.03	11225.20803	0.00070	0.62362	7.42670E-05	7.75066-04
610742.43	4206498.03	11708.05499	0.00258	0.61580	7.33357E-05	2.65636-03	610742.43	4206498.03	11708.05499	0.00073	0.61580	7.33357E-05	8.05216-04
610749.43	4206498.03	12214.68394	0.00269	0.60758	7.23568E-05	2.76716-03	610749.43	4206498.03	12214.68394	0.00076	0.60758	7.23568E-05	8.35906-04
610756.43	4206498.03	12741.2876	0.00281	0.59897	7.13314E-05	2.88226-03	610756.43	4206498.03	12741.2876	0.00080	0.59897	7.13314E-05	8.67796-04
610763.43	4206498.03	13286.93006	0.00293	0.58998	7.02608E-05	3.00156-03	610763.43	4206498.03	13286.93006	0.00083	0.58998	7.02608E-05	9.00836-04
610770.43	4206498.03	13828.45291	0.00305	0.58061	6.91449E-05	3.11996-03	610770.43	4206498.03	13828.45291	0.00086	0.58061	6.91449E-05	9.33566-04
610777.43	4206498.03	14365.5825	0.00317	0.57088	6.79862E-05	3.23726-03	610777.43	4206498.03	14365.5825	0.00090	0.57088	6.79862E-05	9.65986-04
610784.43	4206498.03	14912.15093	0.00329	0.56081	6.67869E-05	3.35666-03	610784.43	4206498.03	14912.15093	0.00093	0.56081	6.67869E-05	9.98956-04
610791.43	4206498.03	15465.92332	0.00341	0.55043	6.55508E-05	3.47756-03	610791.43	4206498.03	15465.92332	0.00097	0.55043	6.55508E-05	1.03236-03
610798.43	4206498.03	16024.3931	0.00354	0.53979	6.42837E-05	3.59956-03	610798.43	4206498.03	16024.3931	0.00100	0.53979	6.42837E-05	1.06686-03
610805.43	4206498.03	16584.90977	0.00366	0.52891	6.29880E-05	3.72186-03	610805.43	4206498.03	16584.90977	0.00104	0.52891	6.29880E-05	1.09976-03
610812.43	4206498.03	17143.65366	0.00378	0.51786	6.16720E-05	3.84386-03	610812.43	4206498.03	17143.65366	0.00107	0.51786	6.16720E-05	1.13106-03
610819.43	4206498.03	10313.36188	0.00390	0.50666	6.03382E-05	3.96476-03	610819.43	4206498.03	17697.76855	0.00111	0.50666	6.03382E-05	1.16666-03
610826.43	4206498.03	18244.02001	0.00402	0.49535	5.89913E-05	4.08396-03	610826.43	4206498.03	18244.02001	0.00114	0.49535	5.89913E-05	1.19946-03
610833.43	4206498.03	18778.8976	0.00414	0.48400	5.76396E-05	4.20056-03	610833.43	4206498.03	18778.8976	0.00117	0.48400	5.76396E-05	1.23156-03
610840.43	4206498.03	19298.80003	0.00426	0.47261	5.62832E-05	4.31396-03	610840.43	4206498.03	19298.80003	0.00121	0.47261	5.62832E-05	1.26276-03
610847.43	4206498.03	19800.44236	0.00437	0.46125	5.49303E-05	4.42326-03	610847.43	4206498.03	19800.44236	0.00124	0.46125	5.49303E-05	1.29276-03
610854.43	4206498.03	20281.87377	0.00447	0.44996	5.35858E-05	4.52806-03	610854.43	4206498.03	20281.87377	0.00127	0.44996	5.35858E-05	1.32146-03
610861.43	4206498.03	20738.92042	0.00458	0.43874	5.22496E-05	4.62756-03	610861.43	4206498.03	20738.92042	0.00130	0.43874	5.22496E-05	1.34866-03
610868.43	4206498.03	21169.23283	0.00467	0.42763	5.09265E-05	4.72116-03	610868.43	4206498.03	21169.23283	0.00132	0.42763	5.09265E-05	1.37426-03
610875.43	4206498.03	21570.53623	0.00476	0.41666	4.96201E-05	4.80846-03	610875.43	4206498.03	21570.53623	0.00135	0.41666	4.96201E-05	1.39806-03
610882.43	4206498.03	21941.43769	0.00484	0.40583	4.83303E-05	4.88896-03	610882.43	4206498.03	21941.43769	0.00137	0.40583	4.83303E-05	1.41996-03
610889.43	4206498.03	22280.43031	0.00492	0.39518	4.70620E-05	4.96246-03	610889.43	4206498.03	22280.43031	0.00139	0.39518	4.70620E-05	1.43986-03
610910.43	4206498.03	23098.25705	0.00510	0.36438	4.33941E-05	5.13926-03	610910.43	4206498.03	23098.25705	0.00144	0.36438	4.33941E-05	1.48736-03
610917.43	4206498.03	23304.20757	0.00514	0.35454	4.22222E-05	5.18346-03	610917.43	4206498.03	23304.20757	0.00146	0.35454	4.22222E-05	1.49906-03
610924.43	4206498.03	23477.2851	0.00518	0.34493	4.10778E-05	5.22056-03	610924.43	4206498.03	23477.2851	0.00147	0.34493	4.10778E-05	1.50866-03
610931.43	4206498.03	23618.39842	0.00521	0.33555	3.99607E-05	5.25056-03	610931.43	4206498.03	23618.39842	0.00148	0.33555	3.99607E-05	1.51646-03
610938.43	4206498.03	23728.09484	0.00523	0.32641	3.88722E-05	5.27366-03	610938.43	4206498.03	23728.09484	0.00148	0.32641	3.88722E-05	1.52216-03
610945.43	4206498.03	23807.65907	0.00525	0.31750	3.78111E-05	5.29016-03	610945.43	4206498.03	23807.65907	0.00149	0.31750	3.78111E-05	1.52606-03
610952.43	4206498.03	23858.06392	0.00526	0.30882	3.67774E-05	5.30026-03	610952.43	4206498.03	23858.06392	0.00149	0.30882	3.67774E-05	1.52816-03
610959.43	4206498.03	23880.79156	0.00527	0.30038	3.57723E-05	5.30426-03	610959.43	4206498.03	23880.79156	0.00149	0.30038	3.57723E-05	1.52866-03
610966.43	4206498.03	23877.01082	0.00527	0.29218	3.47958E-05	5.30246-03	610966.43	4206498.03	23877.01082	0.00149	0.29218	3.47958E-05	1.52746-03
610973.43	4206498.03	23848.29463	0.00526	0.28422	3.38478E-05	5.29516-03	610973.43	4206498.03	23848.29463	0.00149	0.28422	3.38478E-05	1.52466-03
610980.43	4206498.03	23795.85415	0.00525	0.27648	3.29260E-05	5.28266-03	610980.43	4206498.03	23795.85415	0.00149	0.27648	3.29260E-05	1.52046-03
610987.43	4206498.03	23721.49192	0.00523	0.26897	3.20317E-05	5.26516-03	610987.43	4206498.03	23721.49192	0.00148	0.26897	3.20317E-05	1.51496-03
611008.43	4206498.03	23378.82899	0.00516	0.24777	2.95070E-05	5.18726-03	611008.43	4206498.03	23378.82899	0.00146	0.24777	2.95070E-05	1.49086-03
611015.43	4206498.03	23229.51849	0.00512	0.24114	2.87174E-05	5.15356-03	611015.43	4206498.03	23229.51849	0.00145	0.24114	2.87174E-05	1.48086-03
611022.43	4206498.03	23064.88801	0.00509	0.23475	2.79505E-05	5.11646-03	611022.43	4206498.03	23064.88801	0.00144	0.23470	2.79505E-05	1.46976-03
611029.43	4206498.03	22886.09217	0.00505	0.22847	2.72085E-05	5.07626-03	611029.43	4206498.03	22886.09217	0.00143	0.22847	2.72085E-05	1.45786-03
611036.43	4206498.03	22694.48459	0.00501	0.22244	2.64904E-05	5.03326-03	611036.43	4206498.03	22694.48459	0.00142	0.22244	2.64904E-05	1.44516-03
611043.43	4206498.03	22490.97411	0.00496	0.21659	2.57937E-05	4.98766-03	611043.43	4206498.03	22490.97411	0.00141	0.21659	2.57937E-05	1.43176-03
611050.43	4206498.03	22276.93147	0.00491	0.21093	2.51197E-05	4.93976-03	611050.43	4206498.03	22276.93147	0.00139	0.21093	2.51197E-05	1.41776-03
611057.43	4206498.03	22053.14985	0.00487	0.20545	2.44672E-05	4.88976-03	611057.43	4206498.03	22053.14985	0.00138	0.20545	2.44672E-05	1.40326-03
611062.21	4206497.92	21906.3403	0.00483	0.20177	2.40288E-05	4.85686-03	611062.21	4206497.92	21906.3403	0.00137	0.20177	2.40288E-05	1.39346-03
611078.43	4206498.03	21333.57186	0.00471	0.19002	2.26295E-05	4.72916-03	611078.43	4206498.03	21333.57186	0.00133	0.19002	2.26295E-05	1.35626-03
611085.43	4206498.03	21080.53429	0.00465	0.18520	2.20555E-05	4.67276-03	611085.43	4206498.03	21080.53429	0.00132	0.18520	2.20555E-05	1.33986-03
611092.43	4206498.03	20822.24385	0.00459	0.18054	2.15005E-05	4.61526-03	611092.43	4206498.03	20822.24385	0.00130	0.18054	2.15005E-05	1.32316-03
611094.43	4206505.03	1693.49487	0.00037	0.68301	8.13197E-05	4.54956-04	611094.43	4206505.03	1693.49487	0.00011	0.68301	8.13197E-05	1.87206-04
611101.43	4206505.03	1727.22758	0.00038	0.68527	8.16089E-05	4.62666-04	611101.43	4206505.03	1727.22758	0.00011	0.68527	8.16089E-05	1.89586-04
611038.43	4206505.03	1761.91502	0.00039	0.68744	8.18673E-05	4.70576-04	611038.43	4206505.03	1761.91502	0.00011	0.68744	8.18673E-05	1.92006-04
611015.43	4206505.03	1797.69362	0.00040	0.68944	8.21055E-05	4.78706-04	611015.43	4206505.03	1797.69362	0.00011	0.68944	8.21055E-05	1.94486-04
611022.43	4206505.03	1834.76696	0.00040	0.69129	8.23258E-05	4.87106-04	611022.43	4206505.03	1834.76696	0.00011	0.69129	8.23258E-05	1.97026-04
611029.43	4206505.03	1872.88142	0.00041	0.69297	8.25259E-05	4.95716-04	611029.43	4206505.03	1872.88142	0.00012	0.69297	8.25259E-05	1.99606-04
611036.43	4206505.03	1912.43285	0.00042	0.69459	8.27188E-05	5.04636-04	611036.43	4206505.03	1912.43285	0.00012	0.69459	8.27188E-05	2.02276-04
611043.43	4206505.03	1953.75984	0.00043	0.69619	8.29093E-05	5.13946-04	611043.43	4206505.03	1953.75984	0.00012	0.69619	8.29093E-05	2.05046-04
611050.43	4206505.03	1996.35858	0.00044	0.69772	8.30916E-05	5.23526-04	611050.43	4206505.03	1996.35858	0.00012	0.69772	8.30916E-05	2.07886-04
611057.43	4206505.03	2040.30209	0.00045	0.69918	8.32654E-05	5.33386-04	611057.43	4206505.03	2040.30209	0.00013	0.69918	8.32654E-05	2.10816-04
611064.43	4206505.03	2085.57962	0.00046	0.70054	8.34274E-05	5.43536-04	611064.43	4206505.03	2085.57962	0.00013	0.70054	8.34274E-05	2.13806-04
611071.43	4206505.03	2132.28191	0.00047	0.70183	8.35810E-05	5.53996-04	611071.43	4206505.03	2132.28191	0.00013	0.70183	8.35810E-05	2.16876-04
611078.43	4206505.03	2180.40227	0.00048	0.70305	8.37263E-05	5.64756-04	611078.43	4206505.03	2180.40227	0.00014	0.70305	8.37263E-05	2.20026-04
611085.43	4206505.03	2230.01267	0.00049	0.70417	8.38597E-05	5.75836-04	611085.43	4206505.03	2230.01267	0.00014	0.70417	8.38597E-05	2.23266-04
611092.43	4206505.03	2281.1317	0.00050	0.70522	8.39847E-05	5.87236-04	611092.43	4206505.03	2281.1317	0.00014	0.70522	8.39847E-05	2.26586-04
611099.43	4206505.03	2333.89174	0.00051	0.70618	8.40991E-05	5.98996-04	611099.43	4206505.03	2333.89174	0.00015	0.70618	8.40991E-05	2.29996-04
611040.43	4206505.03	2388.08558	0.00053	0.70706	8.42039E-05	6.11056-04	611040.43	4206505.03	2388.08558	0.00015	0.70706	8.42039E-05	2.33486-04
611043.43	4206505.03	2444.28575	0.00054	0.70781	8.42932E-05	6.23546-04	611043.43	4206505.03	2444.28575	0.00015	0.70781	8.42932E-05	2.37076-04
611040.43	4206505.03	2502.1762	0.00055	0.70844	8.43682E-05	6.36386-04	611040.43	4206505.03	2502.1762	0.00016	0.70844	8.43682E-05	2.40786-04
610427.43	4206505.03	2561.76415	0.00057	0.70895	8.44289E-05	6.49596-04	610427.43	4206505.03	2561.76415	0.00016	0.70895	8.44289E-05	2.44576-04
610434.43	4206505.03	2623.03136	0.00058	0.70935	8.44766E-05	6.63156-04	610434.43	4206505.03	2623.03136	0.00016	0.70935	8.44766E-05	2.48446-04
610441.43	4206505.03	2685.98682	0.00059	0.70963	8.45099E-05	6.77086-04	610441.43	4206505.03	2685.98682	0.00017	0.70963	8.45099E-05	2.52416-04
610448.43	4206505.03	2750.67029	0.00061	0.70980	8.45302E-05	6.91376-04	610448.43	4206505.03	2750.67029	0.00017	0.70980	8.45302E-05	2.56486-04
610455.43	4206505.03	2817.12924	0.00062	0.70986	8.45373E-05	7.06036-04	610455.43	4206505.03	2817.12924	0.00018	0.70986	8.45373E-05	2.60646-04
610462.43	4206505.03	2885.40261	0.00064	0.70981	8.45314E-05	7.21086-04	610462.43	4206505.03	2885.40261	0.00018	0.70981	8.45314E-05	2.64906-04
610469.43	4206505.03	2955.52578	0.00065	0.70964	8.45111E-05	7.36546-04	610469.43	4206505.03	2955.52578	0.00018	0.70964	8.45111E-05	2.69266-04
610497.43	4206505.03	3256.20805	0.00072	0.70785	8.42979E-05	8.02666-04	610497.43	4206505.03	3256.20805	0.00020	0.70785	8.42979E-05	2.87846-04
610504.43	4206505.03	3337.07812	0.00074	0.70712	8.42110E-05	8.20426-04	610504.43	4206505.03	3337.07812	0.00021	0.70712	8.42110E-05	2.92816-04
610511.43	4206505.03	3420.54824	0.00075	0.70628	8.41110E-05	8.38736-04	610511.43	4206505.03	3420.54824	0.00021	0.70628	8.41110E-05	2.97936-04
610518.43	4206505.03	3506.99037	0.00077	0.70533	8.39978E-05	8.57696-04	610518.43	4206505.03	3506.99037	0.00022	0.70533	8.39978E-05	3.03226-04
610525.43	4206505.03	3596.70407	0.00079	0.70426	8.38704E-05	8.77356-04	610525.43	4206505.03	3596.70407	0.00022	0.70426	8.38704E-05	3.08706-04
610532.43	4206505.03	3690.06517	0.00081	0.70307	8.37287E-05	8.97816-04	610532.43	4206505.03	3690.06517	0.00023	0.70307	8.37287E-05	3.14406-04
610539.43	4206505.03	3787.63766	0.00084	0.70176	8.35727E-05	9.19186-04	610539.43	4206505.03	3787.63766	0.00024	0.70176	8.35727E-05	3.20346-04
610546.43	4206505.03	3889.92595	0.00086	0.70034	8.34036E-05	9.41576-04	610546.43	4206505.03	3889.92595	0.00024	0.70034	8.34036E-05	3.26566-04
610553.43	4206505.03	3997.58069	0.00088	0.69879	8.32190E-05	9.65146-04	610553.43	4206505.03	3997.58069	0.00025	0.69879	8.32190E-05	3.33116-04
610560.43	4206505.03	4111.78216	0.00091	0.69706	8.30130E-05	9.90136-04	610560.43	4206505.03	4111.78216	0.00026	0.69706	8.30130E-05	3.40046-04
610567.43	4206505.03	4233.13739	0.00093	0.69520	8.27914E-05	1.01676-03	610567.43	4206505.03	4233.13739	0.00026	0.69520	8.27914E-05	3.47416-04
610574.43	4206505.03	4362.06184	0.00096	0.69323	8.25592E-05	1.04486-03	610574.43	4206505.03	4362.06184	0.00027	0.69325	8.25592E-05	3.55236-04
610581.43	4206505.03	4499.76782	0.00099	0.69117	8.23115E-05	1.07586-03	610581.43	4206505.03	4499.76782	0.00028	0.69117	8.23115E-05	3.63596-04
610588.43	4206505.03	4646.70194	0.00103	0.68898	8.20507E-05	1.10726-03	610588.43	4206505.03	4646.70194	0.00029	0.68898	8.20507E-05	3.72526-04
610595.43	4206505.03	4803.87909	0.00106	0.68667	8.17756E-05	1.14186-03	610595.43	4206505.03	4803.87909	0.00030	0.68667	8.17756E-05	3.82076-04
610602.43	4206505.03	4971.45733	0.00110	0.68423	8.14850E-05	1.17836-03	610602.43	4206505.03	4971.45733	0.00031	0.68423	8.14850E-05	3.92256-04
610609.43	4206505.03	5150.04241	0.00114	0.68166	8.11790E-05	1.21736-03	610609.43	4206505.03	5150.04241	0.00032	0.68166	8.11790E-05	4.03116-04
610616.43	4206505.03	5340.37498	0.00118	0.67892	8.08527E-05	1.25906-03	610616.43	4206505.03	5340.37498	0.00033	0.67892	8.08527E-05	4.14686-04
610623.43	4206505.03	5541.97328	0.00122	0.67604	8.05097E-05	1.30316-03	610623.43	4206505.03	5541.97328	0.00035	0.67604	8.05097E-05	4.26946-04
610630.43	4206505.03	5756.51814	0.00127	0.67297	8.01441E-05	1.35016-03	610630.43	4206505.03	5756.51814	0.00036	0.67297	8.01441E-05	4.39996-04
610637.43	4206505.03	5984.69934	0.00132	0.66969	7.97535E-05	1.40016-03	610637.43	4206505.03	5984.69934	0.00037	0.66969	7.97535E-05	4.53866-04
610644.43	4206505.03	6234.50766	0.00137	0.66622	7.93402E-05	1.45266-03	610644.43	4206505.03	6234.50766	0.00039	0.66622	7.93402E-05	4.68446-04
610651.43	4206505.03	6476.11349	0.00143	0.66255	7.89052E-05	1.50766-03	610651.43	4206505.03	6476.11349	0.00040	0.66255	7.89032E-05	4.83936-04
610658.43	4206505.03	6740.32086	0.00149	0.65864	7.84375E-05	1.56546-03	610658.43	4206505.03	6740.32086	0.00042	0.

610399.43	4206512.03	2274.49499	0.00050	0.67257	8.0096E-05	5.8188E-04	610399.43	4206512.03	2274.49499	0.00014	0.67257	8.0096E-05	2.2228E-04		
610406.43	4206512.03	2326.36645	0.00051	0.67348	8.0204E-05	5.9341E-04	610406.43	4206512.03	2326.36645	0.00015	0.67348	8.0204E-05	2.2561E-04		
610413.43	4206512.03	2380.15939	0.00053	0.67429	8.0301E-05	6.0540E-04	610413.43	4206512.03	2380.15939	0.00015	0.67429	8.0301E-05	2.2908E-04		
610420.43	4206512.03	2435.55472	0.00054	0.67499	8.0384E-05	6.1770E-04	610420.43	4206512.03	2435.55472	0.00015	0.67499	8.0384E-05	2.3263E-04		
610427.43	4206512.03	2492.45325	0.00055	0.67557	8.0453E-05	6.3032E-04	610427.43	4206512.03	2492.45325	0.00016	0.67557	8.0453E-05	2.3626E-04		
610434.43	4206512.03	2550.88785	0.00056	0.67605	8.0510E-05	6.4327E-04	610434.43	4206512.03	2550.88785	0.00016	0.67605	8.0510E-05	2.3997E-04		
610441.43	4206512.03	2610.8533	0.00058	0.67641	8.0553E-05	6.5654E-04	610441.43	4206512.03	2610.8533	0.00016	0.67641	8.0553E-05	2.4376E-04		
610448.43	4206512.03	2672.40799	0.00059	0.67667	8.0584E-05	6.7015E-04	610448.43	4206512.03	2672.40799	0.00017	0.67667	8.0584E-05	2.4764E-04		
610455.43	4206512.03	2735.5213	0.00060	0.67681	8.06014E-05	6.8409E-04	610455.43	4206512.03	2735.5213	0.00017	0.67681	8.0601E-05	2.5160E-04		
610462.43	4206512.03	2800.32381	0.00062	0.67685	8.0606E-05	6.9840E-04	610462.43	4206512.03	2800.32381	0.00018	0.67685	8.0606E-05	2.5565E-04		
610469.43	4206512.03	2866.79712	0.00063	0.67677	8.0596E-05	7.1305E-04	610469.43	4206512.03	2866.79712	0.00018	0.67677	8.0596E-05	2.5980E-04		
610497.43	4206512.03	3150.98203	0.00070	0.67539	8.0432E-05	7.7558E-04	610497.43	4206512.03	3150.98203	0.00020	0.67539	8.0432E-05	2.7740E-04		
610504.43	4206512.03	3227.2065	0.00071	0.67478	8.0359E-05	7.9231E-04	610504.43	4206512.03	3227.2065	0.00020	0.67478	8.0359E-05	2.8209E-04		
610511.43	4206512.03	3305.91846	0.00073	0.67405	8.0272E-05	8.0960E-04	610511.43	4206512.03	3305.91846	0.00021	0.67405	8.0272E-05	2.8693E-04		
610518.43	4206512.03	3387.35186	0.00075	0.67322	8.0173E-05	8.2747E-04	610518.43	4206512.03	3387.35186	0.00021	0.67322	8.0173E-05	2.9192E-04		
610525.43	4206512.03	3471.87633	0.00077	0.67227	8.0060E-05	8.4600E-04	610525.43	4206512.03	3471.87633	0.00022	0.67227	8.0060E-05	2.9700E-04		
610532.43	4206512.03	3559.8723	0.00079	0.67122	7.9935E-05	8.6529E-04	610532.43	4206512.03	3559.8723	0.00022	0.67122	7.9935E-05	3.0246E-04		
610539.43	4206512.03	3651.76041	0.00081	0.67005	7.9796E-05	8.8542E-04	610539.43	4206512.03	3651.76041	0.00023	0.67005	7.9796E-05	3.0807E-04		
610546.43	4206512.03	3748.16822	0.00083	0.66877	7.9643E-05	9.0654E-04	610546.43	4206512.03	3748.16822	0.00023	0.66877	7.9643E-05	3.1394E-04		
610553.43	4206512.03	3849.67313	0.00085	0.66738	7.9478E-05	9.2877E-04	610553.43	4206512.03	3849.67313	0.00024	0.66738	7.9478E-05	3.2012E-04		
610560.43	4206512.03	3957.48379	0.00087	0.66579	7.9289E-05	9.5236E-04	610560.43	4206512.03	3957.48379	0.00025	0.66579	7.9289E-05	3.2667E-04		
610567.43	4206512.03	4071.83139	0.00090	0.66410	7.9087E-05	9.7739E-04	610567.43	4206512.03	4071.83139	0.00025	0.66410	7.9087E-05	3.3362E-04		
610574.43	4206512.03	4193.50592	0.00093	0.66231	7.8874E-05	1.0040E-03	610574.43	4206512.03	4193.50592	0.00026	0.66231	7.8874E-05	3.4101E-04		
610581.43	4206512.03	4323.28626	0.00095	0.66041	7.8648E-05	1.0324E-03	610581.43	4206512.03	4323.28626	0.00027	0.66041	7.8648E-05	3.4890E-04		
610588.43	4206512.03	4462.06454	0.00098	0.65839	7.8407E-05	1.0628E-03	610588.43	4206512.03	4462.06454	0.00028	0.65839	7.8407E-05	3.5733E-04		
610595.43	4206512.03	4610.02465	0.00102	0.65629	7.8157E-05	1.0952E-03	610595.43	4206512.03	4610.02465	0.00029	0.65629	7.8157E-05	3.6633E-04		
610602.43	4206512.03	4767.87305	0.00105	0.65405	7.7890E-05	1.1297E-03	610602.43	4206512.03	4767.87305	0.00030	0.65405	7.7890E-05	3.7593E-04		
610609.43	4206512.03	4935.8804	0.00109	0.65170	7.7611E-05	1.1665E-03	610609.43	4206512.03	4935.8804	0.00031	0.65170	7.7611E-05	3.8615E-04		
610616.43	4206512.03	5114.49797	0.00113	0.64922	7.7315E-05	1.2059E-03	610616.43	4206512.03	5114.49797	0.00032	0.64922	7.7315E-05	3.9702E-04		
610623.43	4206512.03	5303.77983	0.00117	0.64658	7.7003E-05	1.2471E-03	610623.43	4206512.03	5303.77983	0.00033	0.64658	7.7003E-05	4.0854E-04		
610630.43	4206512.03	5505.02362	0.00121	0.64376	7.6665E-05	1.2911E-03	610630.43	4206512.03	5505.02362	0.00034	0.64376	7.6665E-05	4.2079E-04		
610637.43	4206512.03	5718.01336	0.00126	0.64076	7.6308E-05	1.3378E-03	610637.43	4206512.03	5718.01336	0.00036	0.64076	7.6308E-05	4.3374E-04		
610644.43	4206512.03	5942.4689	0.00131	0.63758	7.5929E-05	1.3869E-03	610644.43	4206512.03	5942.4689	0.00037	0.63758	7.5929E-05	4.4739E-04		
610651.43	4206512.03	6177.15549	0.00136	0.63422	7.5529E-05	1.4438E-03	610651.43	4206512.03	6177.15549	0.00039	0.63422	7.5529E-05	4.6166E-04		
610658.43	4206512.03	6423.1304	0.00142	0.63065	7.5104E-05	1.4921E-03	610658.43	4206512.03	6423.1304	0.00040	0.63065	7.5104E-05	4.7662E-04		
610665.43	4206512.03	6679.13159	0.00147	0.62688	7.4652E-05	1.5482E-03	610665.43	4206512.03	6679.13159	0.00042	0.62688	7.4652E-05	4.9217E-04		
610672.43	4206512.03	6946.66724	0.00153	0.62290	7.4181E-05	1.6067E-03	610672.43	4206512.03	6946.66724	0.00043	0.62290	7.4181E-05	5.0842E-04		
610679.43	4206512.03	7224.51352	0.00159	0.61874	7.3685E-05	1.6675E-03	610679.43	4206512.03	7224.51352	0.00045	0.61874	7.3685E-05	5.2529E-04		
610686.43	4206512.03	7513.7328	0.00166	0.61437	7.3165E-05	1.7308E-03	610686.43	4206512.03	7513.7328	0.00047	0.61437	7.3165E-05	5.4285E-04		
610693.43	4206512.03	7816.57923	0.00172	0.60979	7.2620E-05	1.8102E-03	610693.43	4206512.03	7816.57923	0.00049	0.60979	7.2620E-05	5.6124E-04		
610700.43	4206512.03	8131.045931	0.00179	0.60502	7.2051E-05	1.8659E-03	610700.43	4206512.03	8131.04593	0.00051	0.60502	7.2051E-05	5.8033E-04		
610707.43	4206512.03	8453.85025	0.00187	0.60004	7.1458E-05	1.9365E-03	610707.43	4206512.03	8453.85025	0.00053	0.60004	7.1458E-05	5.9991E-04		
610714.43	4206512.03	8787.98396	0.00194	0.59484	7.0839E-05	2.0096E-03	610714.43	4206512.03	8787.98396	0.00055	0.59484	7.0839E-05	6.2018E-04		
610721.43	4206512.03	9138.00904	0.00202	0.58939	7.0190E-05	2.0862E-03	610721.43	4206512.03	9138.00904	0.00057	0.58939	7.0190E-05	6.4141E-04		
610728.43	4206512.03	9880.4969	0.00218	0.57771	6.8799E-05	2.2488E-03	610728.43	4206512.03	9880.4969	0.00062	0.57771	6.8799E-05	6.9643E-04		
610742.43	4206512.03	10273.41966	0.00227	0.57145	6.8054E-05	2.3345E-03	610742.43	4206512.03	10273.41966	0.00064	0.57145	6.8054E-05	7.1025E-04		
610749.43	4206512.03	10685.44376	0.00236	0.56480	6.7272E-05	2.4246E-03	610749.43	4206512.03	10685.44376	0.00067	0.56480	6.7272E-05	7.3522E-04		
610756.43	4206512.03	11109.98844	0.00245	0.55802	6.6454E-05	2.5175E-03	610756.43	4206512.03	11109.98844	0.00069	0.55802	6.6454E-05	7.6094E-04		
610763.43	4206512.03	11554.30156	0.00255	0.55084	6.5599E-05	2.6146E-03	610763.43	4206512.03	11554.30156	0.00072	0.55084	6.5599E-05	7.8786E-04		
610770.43	4206512.03	11987.10255	0.00264	0.54335	6.4709E-05	2.7092E-03	610770.43	4206512.03	11987.10255	0.00075	0.54335	6.4709E-05	8.1402E-04		
610777.43	4206512.03	12431.2413	0.00274	0.53554	6.3777E-05	2.8063E-03	610777.43	4206512.03	12431.2413	0.00078	0.53554	6.3777E-05	8.4086E-04		
610784.43	4206512.03	12885.59308	0.00284	0.52742	6.2810E-05	2.9055E-03	610784.43	4206512.03	12885.59308	0.00081	0.52742	6.2810E-05	8.6829E-04		
610791.43	4206512.03	13348.98471	0.00294	0.51902	6.1810E-05	3.0068E-03	610791.43	4206512.03	13348.98471	0.00083	0.51902	6.1810E-05	8.9626E-04		
610798.43	4206512.03	13819.77337	0.00305	0.51036	6.0788E-05	3.1096E-03	610798.43	4206512.03	13819.77337	0.00086	0.51036	6.0788E-05	9.2466E-04		
610805.43	4206512.03	14296.1975	0.00315	0.50147	5.9720E-05	3.2137E-03	610805.43	4206512.03	14296.1975	0.00089	0.50147	5.9720E-05	9.5338E-04		
610812.43	4206512.03	14775.49115	0.00326	0.49236	5.8635E-05	3.3181E-03	610812.43	4206512.03	14775.49115	0.00092	0.49236	5.8635E-05	9.8225E-04		
610819.43	4206512.03	15255.77741	0.00337	0.48307	5.7528E-05	3.4232E-03	610819.43	4206512.03	15255.77741	0.00095	0.48307	5.7528E-05	1.0112E-03		
610826.43	4206512.03	15734.38246	0.00347	0.47364	5.6405E-05	3.5276E-03	610826.43	4206512.03	15734.38246	0.00098	0.47364	5.6405E-05	1.0400E-03		
610833.43	4206512.03	16208.72218	0.00358	0.46409	5.5268E-05	3.6311E-03	610833.43	4206512.03	16208.72218	0.00101	0.46409	5.5268E-05	1.0685E-03		
610840.43	4206512.03	16675.72735	0.00368	0.45445	5.4120E-05	3.7330E-03	610840.43	4206512.03	16675.72735	0.00104	0.45445	5.4120E-05	1.0965E-03		
610847.43	4206512.03	17132.83453	0.00378	0.44476	5.2960E-05	3.8327E-03	610847.43	4206512.03	17132.83453	0.00107	0.44476	5.2960E-05	1.1238E-03		
610854.43	4206512.03	17577.77255	0.00388	0.43506	5.1813E-05	3.9297E-03	610854.43	4206512.03	17577.77255	0.00110	0.43506	5.1813E-05	1.1506E-03		
610861.43	4206512.03	18007.28352	0.00397	0.42536	5.0656E-05	4.0233E-03	610861.43	4206512.03	18007.28352	0.00113	0.42536	5.0656E-05	1.1763E-03		
610868.43	4206512.03	18418.98819	0.00406	0.41569	4.9504E-05	4.1130E-03	610868.43	4206512.03	18418.98819	0.00115	0.41569	4.9504E-05	1.2009E-03		
610875.43	4206512.03	18810.77826	0.00415	0.40608	4.8360E-05	4.1983E-03	610875.43	4206512.03	18810.77826	0.00118	0.40608	4.8360E-05	1.2242E-03		
610882.43	4206512.03	19180.63983	0.00423	0.39653	4.7228E-05	4.2787E-03	610882.43	4206512.03	19180.63983	0.00120	0.39653	4.7228E-05	1.2462E-03		
610889.43	4206512.03	19526.73781	0.00431	0.38708	4.6097E-05	4.3540E-03	610889.43	4206512.03	19526.73781	0.00122	0.38708	4.6097E-05	1.2667E-03		
610910.43	4206512.03	20411.66969	0.00450	0.35944	4.2805E-05	4.5459E-03	610910.43	4206512.03	20411.66969	0.00128	0.35944	4.2805E-05	1.3187E-03		
610917.43	4206512.03	20653.01045	0.00456	0.35051	4.1742E-05	4.5981E-03	610917.43	4206512.03	20653.01045	0.00129	0.35051	4.1742E-05	1.3328E-03		
610924.43	4206512.03	20867.41477	0.00460	0.34174	4.0697E-05	4.6441E-03	610924.43	4206512.03	20867.41477	0.00130	0.34174	4.0697E-05	1.3451E-03		
610931.43	4206512.03	21054.6635	0.00464	0.33314	3.9673E-05	4.6846E-03	610931.43	4206512.03	21054.6635	0.00132	0.33314	3.9673E-05	1.3558E-03		
610938.43	4206512.03	21215.0338	0.00468	0.32471	3.8669E-05	4.7190E-03	610938.43	4206512.03	21215.0338	0.00133	0.32471	3.8669E-05	1.3648E-03		
610945.43	4206512.03	21348.76576	0.00471	0.31646	3.7687E-05	4.7475E-03	610945.43	4206512.03	21348.76576	0.00133	0.31646	3.7687E-05	1.3722E-03		
610952.43	4206512.03	21456.63637	0.00473	0.30839	3.6726E-05	4.7704E-03	610952.43	4206512.03	21456.63637	0.00134	0.30839	3.6726E-05	1.3780E-03		
610959.43	4206512.03	21539.27612	0.00475	0.30050	3.5786E-05	4.7876E-03	610959.43	4206512.03	21539.27612	0.00135	0.30050	3.5786E-05	1.3822E-03		
610966.43	4206512.03	21597.58163	0.00476	0.29281	3.4870E-05	4.7998E-03	610966.43	4206512.03	21597.58163	0.00135	0.29281	3.4870E-05	1.3849E-03		
610973.43	4206512.03	21632.53141	0.00477	0.28530	3.3976E-05	4.8064E-03	610973.43	4206512.03	21632.53141	0.00135	0.28530	3.3976E-05	1.3862E-03		
610980.43	4206512.03	21645.13738	0.00478	0.27798	3.3104E-05	4.8081E-03	610980.43	4206512.03	21645.13738	0.00135	0.27798	3.3104E-05	1.3861E-03		
610987.43	4206512.03	21636.34416	0.00477	0.27084	3.2254E-05	4.8055E-03	610987.43	4206512.03	21636.34416	0.00135	0.27084	3.2254E-05	1.3847E-03		
611008.43	4206512.03	21492.87534	0.00474	0.25056	2.9839E-05	4.7715E-03	611008.43	4206512.03	21492.87534	0.00134	0.25056	2.9839E-05	1.3734E-03		
611015.43	4206512.03	21409.51955	0.00472	0.24417	2.9078E-05	4.7528E-03	611015.43	4206512.03	21409.51955	0.00134	0.24417	2.9078E-05	1.3674E-03		
611022.43	4206512.03	21310.2606	0.00470	0.23795	2.8337E-05	4.7297E-03	611022.43	4206512.03	21310.2606	0.00133	0.23795	2.8337E-05	1.3604E-03		
611029.43	4206512.03	21196.19519	0.00468	0.23191	2.7618E-05	4.7038E-03	611029.43	4206512.03	21196.19519	0.00132	0.23191	2.7618E-05	1.3526E-03		
611036.43	4206512.03	21068.21667	0.00465	0.22604	2.6931E-05	4.6748E-03	611036.43	4206512.03	21068.21667	0.00132	0.22604	2.6931E-05	1.3438E-03		
611043.43	4206512.03	20927.50488	0.00462	0.22034	2.6240E-05	4.6431E-03	611043.43	4206512.03	20927.50488	0.00131	0.22034	2.6240E-05	1.3344E-03		
611050.43	4206512.03	20774.86499	0.00458	0.21481	2.5581E-05	4.6088E-03	611050.43	4206512.03	20774.86499	0.00130	0.21481	2.5581E-05	1.3242E-03		
611057.43	4206512.03	20611.27852	0.00455	0.20944	2.4942E-05	4.5721E-03	611057.43	4206512.03	20611.27852	0.00129	0.20944	2.4942E-05	1.3134E-03		
611062.21	4206511.92	20504.82582	0.00452	0.20583	2.4512E-05	4.5482E-03	611062.21	4206511.92	20504.82582	0.00128	0.20583	2.4512E-05	1.3063E-03		
611078.43	4206512.03	20064.10826	0.00443	0.19424	2.3132E-05	4.4495E-03	611078.43	4206512.03	20064.10826	0.00125	0.19424	2.3132E-05	1.2773E-03		
611085.43	4206512.03	19865.62872	0.00438	0.18948	2.2565E-05	4.4052E-03	611085.43	4206512.03	19865.62872	0.00124	0.18948	2.2565E-05	1.2644E-03		
611092.43	4206512.03	19660.2458	0.00434	0.18485	2.2013E-05	4.3591E-03	611092.43	4206512.03	19660.2458	0.00123	0.18485	2.2013E-05	1.2510E-03		
610294.43	4206519.03	1622.21182	0.00036	0.61747	7.3534E-05	4.3142E-04	610294.43	4206519.03	1622.21182	0.00010	0.61747	7.3534E-05	1.7494E-04		
610301.43	4206519.03	1653.95461	0.00036	0.61968	7.3797E-05	4.3868E-04	610301.43	4206519.03	1653.95461	0.00010	0.61968	7.3797E-05	1.7719E-04		
610308.43	4206519.03	1686.57707	0.00037	0.62184	7.4055E-05	4.4614E-04	610308.43	4206519.03	1686.57707	0.00011	0.62184	7.4055E-05	1.7948E-04		
610315.43	4206519.03	1720.19612	0.00038	0.62392	7.4302E-05	4.5380E-04	610315.43	4206519.03	1720.19612	0.00011	0.62392	7.4302E-05	1.8183E-04		
610322.43	4206519.03	1754.96719	0.00039	0.62587	7.4534E-05	4.6170E-04	610322.43	4206519.03	1754.96719	0.00011	0.62587	7.4534E-05	1.8424E-04		
610329.43	4206519.03	1790.69909	0.00040	0.62769	7.4751E-05	4.6980E-04	610329.43	4206519.03	1790.69909	0.00012	0.62769	7.4751E-05	1.8669E-04		
610336.43	4206519.03	1827.63604	0.00040	0.62937	7.4951E-05	4.7815E-04	610336.43	4206519.03	1827.63604	0.00011	0.62937	7.4951E-05	1.8920E-04		
610343.43	4206519.03	1866.1285	0.00041	0.63099	7.5144E-05	4.8684E-04	610343.43	4206519.03	1866.1285	0.00012	0.63099	7.5144E-05	1.9180E-04		
610350.43	4206519.03	1905.78219	0.00042	0.63253	7.5328E-05	4.9577E-04	610350.43	4206519.03	1905.78219	0.00012	0.63253	7.5328E-05	1.9446E-04		
610357.43	4206519.03	1946.50346	0.00043	0.63398	7.5500E-05	5.0493E-04	610357.43	4206519.03	1946.50346	0.00012	0.63398	7.5500E-05	1.9718E-04		
610364.43	4206519.03	1988.54818	0.00044	0.63537	7.5666E-05	5.1443E-04	610364.43	4206519.03	1988.54818	0.00012	0.63537	7.5666E-05	1.9997E-04		
610371.43	4206519.03	2031.70648	0.00045	0.63668	7.5822E-05	5.2404E-04	610371.43	4206519.03	2031.70648	0.00013	0.63668	7.5822E-05	2.0282E-04		
610378.43	4206519.03	2076.22316	0.00046	0.63793	7.5972E-05	5.3401E-04	610378.43	4206519.03	2076.22316	0.00013	0.63793	7.5972E-05	2.0576E-04		
610385.43	4206519.03	2121.99926	0.00047	0.63911	7.6117E-05	5.4425E-04	610385.43	4206519.03	2121.99926	0.00013	0.63911	7.6117E-05	2.0876E-04		
610392.43	4206519.03	2169.10928	0.00048	0.64020	7.6241E-05	5.5478E-04	610392.43	4206519.03	2169.10928	0.00014	0.64020	7.6241E-05	2.1183E-04		
610399.43	4206519.03	2217.38508	0.00049	0.64123	7.6364E-05	5.6555E-04	610399.43	4206519.03	2217.38508	0.00014	0.64123	7.6364E-05	2.1497E-04		
610406.43	4206519.03	2267.13969	0.00050	0.64218	7.6477E-05	5.7664E-04	610406.43	4206519.03	2267.13969	0.00014	0.64218	7.6477E-05	2.1828E-04		
610413.43	4206519.03	2318.66135	0.00051	0.64304	7.6579E-05	5.8811E-04	610413.43	4206519.03	2318.66135	0.00014	0.64304	7.6579E-05	2.2152E-04		
610420.43	4206519.03	2371.64642	0.00052	0.64380	7.6670E-05	5.9989E-04	610420.43	4206519.03	2371.64642	0.00015	0.64380	7.6670E-05	2.2492E-04		
610427.43	4206519.03	2425.98382	0.00054	0.64445	7.6747E-05	6.1195E-04	610427.43	4206519.03	2425.98382	0.00015	0.64445	7.6747E-05	2.2840E-04		
610434.43	4206519.03	2481.71473	0.00055	0.64500	7.6811E-05	6.2431E-04	610434.43	4206519.03	2481.71473	0.00016	0.64500	7.6811E-05	2.3195E-04		
610441.43	4206519.03	2538.86374	0.00056	0.64544	7.6865E-05	6.3697E-04	610441.43	4206519.03	2538.86374	0.00016	0.64544	7.6865E-05	2.3557E-04		
610448.43	4206519.03	2597.38219	0.00057	0.64577	7.6904E-05	6.4992E-04	610448.43	4206519.03	2597.38219	0.00016	0.64577	7.6904E-05	2.3927E-04		
610455.43	4206519.03	2657.42362	0.00059	0.64599	7.6931E-05	6.6320E-04	610455.43	4206519.03	2657.42362	0.00017	0.64599	7.6931E-05	2.4305E-04		
610462.43	4206519.03	2718.85082	0.00060	0.64612	7.6946E-05	6.7676E-04	610462.43	4206519.03	2718.85082	0.00017	0.64612	7.6946E-05	2.4690E-04		
610469.43	4206519.03	2781.88555	0.00061	0.64613	7.6947E-05	6.9067E-04	610469.43	4206519.03	2781.88555	0.00017	0.64613	7.6947E-05	2.5084E-04		
610497.43	4206519.03	3050.50628	0.00067	0.64514	7.6829E-05	7.4981E-04	610497.43	4206519.03	3050.50628	0.00019	0.64514	7.6829E-05	2.6752E-04		
610504.43	4206519.03	3122.51206	0.00069	0.64463	7.6769E-05	7.6564E-04	610504.43	4206519.03	3122.51206	0.00020	0.64463	7.6769E-05	2.7196E-04		
610511.43	4206519.03	3196.73171	0.00071	0.64402	7.6696E-05	7.8184E-04	610511.43	4206519.03	3196.73171	0.00020	0.64402	7.6696E-05	2.7652E-04		
610518.43	4206519.03	3273.56088	0.00072	0.64330	7.6610E-05	7.9880E-04	610518.43	4206519.03	3273.56088	0.00020	0.64330	7.6610E-05	2.8124E-04		
610525.43	4206519.03	3353.27046	0.00074	0.64248	7.6513E-05	8.1629E-04	610525.43	4206519.03	3353.27046	0.00021	0.64248	7.6513E-05	2.8613E-04		
610532.43	4206519.03	3436.35799	0.00076	0.64155	7.6402E-05	8.3449E-04	610532.43	4206519.03	3436.35799	0.00021	0.64155	7.6402E-05	2.9120E-04		
610539.43	4206519.03	3523.01351	0.00078	0.64052	7.6279E-05	8.5350E-04	610539.43	4206519.03	3523.01351	0.00022	0.64052	7.6279E-05	2.9650E-04		
610546.43	4206519.03	3613.94533	0.00080	0.63938	7.6143E-05	8.7343E-04	610546.43	4206519.03	3613.94533	0.00023	0.63938	7.6143E-05	3.0205E-04		
610553.43	4206519.03	3709.73123	0.00082	0.63813	7.5995E-05	8.9441E-04	610553.43	4206519.03	3709.73123	0.00023	0.63813	7.5995E-05	3.0788E-04		
610560.43	4206519.03	3811.51863	0.00084	0.63669	7.5823E-05	9.1670E-04	610560.43	4206519.03	3811.51863	0.00024	0.63669	7.5823E-05	3.1408E-04		
610567.43	4206519.03	3919.64576	0.00086	0.63514	7.5638E-05	9.4037E-04	610567.43	4206519.03	3919.64576	0.00025	0.63514	7.5638E-05	3.2066E-04		
610574.43	4206519.03	4034.65433	0.00089	0.63350	7.5443E-05	9.6554E-04	610574.43	4206519.03	4034.65433	0.00025	0.63350	7.5443E-05	3.2765E-04		
610581.43	4206519.03	4157.32365	0.00092	0.63176	7.5236E-05	9.9240E-04	610581.43	4206519.03	4157.32365	0.00026	0.63176	7.5236E-05	3.3511E-04		
610588.43	4206519.03	4288.2521	0.00095	0.62991	7.5018E-05	1.0211E-03	610588.43	4206519.03	4288.2521	0.00027	0.62993	7.5018E-05	3.4308E-04		
610595.43	4206519.03	4427.91909	0.00098	0.62799	7.4787E-05	1.0516E-03	610595.43	4206519.03	4427.91909	0.00028	0.62799	7.4787E-05	3.5158E-04		
610602.43	4206519.03	4576.82373	0.00101	0.62595	7.4544E-05	1.0843E-03	610602.43	4206519.03	4576.82373	0.00029	0.62595	7.4544E-05	3.6064E-04		
610609.43	4206519.03	4735.26385	0.00104	0.62380	7.4288E-05	1.1198E-03	610609.43	4206519.03	4735.26385	0.00030	0.62380	7.4288E-05	3.7029E-04		
610616.43	4206519.03	4903.47317	0.00108	0.62151	7.4015E-05	1.1558E-03	610616.43	4206519.03	4903.47317	0.00031	0.62151	7.4015E-05	3.8053E-04		
610623.

610392.43	4206526.03	2116.29026	0.00047	0.61090	7.27522E-05	5.39638-04	610392.43	4206526.03	2116.29026	0.00013	0.61090	7.27522E-05	2.0504E-04		
610399.43	4206526.03	2162.67197	0.00048	0.61195	7.28772E-05	5.4999E-04	610399.43	4206526.03	2162.67197	0.00014	0.61195	7.28772E-05	2.0807E-04		
610406.43	4206526.03	2210.26611	0.00049	0.61292	7.29927E-05	5.6061E-04	610406.43	4206526.03	2210.26611	0.00014	0.61292	7.29927E-05	2.1116E-04		
610413.43	4206526.03	2259.61216	0.00050	0.61383	7.31011E-05	5.7160E-04	610413.43	4206526.03	2259.61216	0.00014	0.61383	7.31011E-05	2.1435E-04		
610420.43	4206526.03	2310.25476	0.00051	0.61465	7.31987E-05	5.8287E-04	610420.43	4206526.03	2310.25476	0.00014	0.61465	7.31987E-05	2.1761E-04		
610427.43	4206526.03	2362.18431	0.00052	0.61536	7.32833E-05	5.9441E-04	610427.43	4206526.03	2362.18431	0.00015	0.61536	7.32833E-05	2.2094E-04		
610434.43	4206526.03	2415.32948	0.00053	0.61597	7.33598E-05	6.0621E-04	610434.43	4206526.03	2415.32948	0.00015	0.61597	7.33598E-05	2.2434E-04		
610441.43	4206526.03	2469.74385	0.00054	0.61648	7.34167E-05	6.1823E-04	610441.43	4206526.03	2469.74385	0.00015	0.61648	7.34167E-05	2.2780E-04		
610448.43	4206526.03	2525.46334	0.00056	0.61689	7.34655E-05	6.3062E-04	610448.43	4206526.03	2525.46334	0.00016	0.61689	7.34655E-05	2.3133E-04		
610455.43	4206526.03	2582.43628	0.00057	0.61719	7.35012E-05	6.4322E-04	610455.43	4206526.03	2582.43628	0.00016	0.61719	7.35012E-05	2.3493E-04		
610462.43	4206526.03	2640.82832	0.00058	0.61739	7.35250E-05	6.5631E-04	610462.43	4206526.03	2640.82832	0.00017	0.61739	7.35250E-05	2.3860E-04		
610469.43	4206526.03	2700.49244	0.00060	0.61749	7.35370E-05	6.6930E-04	610469.43	4206526.03	2700.49244	0.00017	0.61749	7.35370E-05	2.4235E-04		
610497.43	4206526.03	2954.60717	0.00065	0.61687	7.34631E-05	7.2528E-04	610497.43	4206526.03	2954.60717	0.00018	0.61687	7.34631E-05	2.5816E-04		
610504.43	4206526.03	3022.54918	0.00067	0.61647	7.34155E-05	7.4023E-04	610504.43	4206526.03	3022.54918	0.00019	0.61647	7.34155E-05	2.6286E-04		
610511.43	4206526.03	3092.64743	0.00068	0.61596	7.33547E-05	7.5564E-04	610511.43	4206526.03	3092.64743	0.00019	0.61596	7.33547E-05	2.6668E-04		
610518.43	4206526.03	3165.19397	0.00070	0.61535	7.32821E-05	7.7157E-04	610518.43	4206526.03	3165.19397	0.00020	0.61535	7.32821E-05	2.7114E-04		
610525.43	4206526.03	3240.45728	0.00071	0.61465	7.31987E-05	7.8809E-04	610525.43	4206526.03	3240.45728	0.00020	0.61465	7.31987E-05	2.7576E-04		
610532.43	4206526.03	3318.84631	0.00073	0.61384	7.31023E-05	8.0529E-04	610532.43	4206526.03	3318.84631	0.00021	0.61384	7.31023E-05	2.8056E-04		
610539.43	4206526.03	3400.73964	0.00075	0.61293	7.29939E-05	8.2324E-04	610539.43	4206526.03	3400.73964	0.00021	0.61293	7.29939E-05	2.8557E-04		
610546.43	4206526.03	3486.72072	0.00077	0.61193	7.28748E-05	8.4209E-04	610546.43	4206526.03	3486.72072	0.00022	0.61193	7.28748E-05	2.9083E-04		
610553.43	4206526.03	3577.23646	0.00079	0.61082	7.27426E-05	8.6193E-04	610553.43	4206526.03	3577.23646	0.00022	0.61082	7.27426E-05	2.9636E-04		
610560.43	4206526.03	3673.54348	0.00081	0.60951	7.25866E-05	8.8302E-04	610560.43	4206526.03	3673.54348	0.00023	0.60951	7.25866E-05	3.0222E-04		
610567.43	4206526.03	3775.94429	0.00083	0.60810	7.24187E-05	9.0544E-04	610567.43	4206526.03	3775.94429	0.00024	0.60810	7.24187E-05	3.0845E-04		
610574.43	4206526.03	3884.88041	0.00086	0.60659	7.22389E-05	9.2938E-04	610574.43	4206526.03	3884.88041	0.00024	0.60659	7.22389E-05	3.1508E-04		
610581.43	4206526.03	4000.82729	0.00088	0.60502	7.20519E-05	9.5469E-04	610581.43	4206526.03	4000.82729	0.00025	0.60502	7.20519E-05	3.2214E-04		
610588.43	4206526.03	4124.71668	0.00091	0.60333	7.18506E-05	9.8182E-04	610588.43	4206526.03	4124.71668	0.00026	0.60333	7.18506E-05	3.2969E-04		
610595.43	4206526.03	4256.88367	0.00094	0.60156	7.16399E-05	1.0108E-03	610595.43	4206526.03	4256.88367	0.00027	0.60156	7.16399E-05	3.3774E-04		
610602.43	4206526.03	4397.41109	0.00097	0.59970	7.14183E-05	1.0415E-03	610602.43	4206526.03	4397.41109	0.00027	0.59970	7.14183E-05	3.4630E-04		
610609.43	4206526.03	4547.00306	0.00100	0.59772	7.11825E-05	1.0748E-03	610609.43	4206526.03	4547.00306	0.00028	0.59772	7.11825E-05	3.5542E-04		
610616.43	4206526.03	4705.42824	0.00104	0.59564	7.09348E-05	1.1090E-03	610616.43	4206526.03	4705.42824	0.00029	0.59564	7.09348E-05	3.6507E-04		
610623.43	4206526.03	4873.37337	0.00108	0.59343	7.06716E-05	1.1458E-03	610623.43	4206526.03	4873.37337	0.00030	0.59343	7.06716E-05	3.7531E-04		
610630.43	4206526.03	5050.94663	0.00111	0.59108	7.03918E-05	1.1847E-03	610630.43	4206526.03	5050.94663	0.00032	0.59108	7.03918E-05	3.8613E-04		
610637.43	4206526.03	5238.82451	0.00116	0.58856	7.00917E-05	1.2258E-03	610637.43	4206526.03	5238.82451	0.00033	0.58856	7.00917E-05	3.9757E-04		
610644.43	4206526.03	5435.33401	0.00120	0.58590	6.97748E-05	1.2688E-03	610644.43	4206526.03	5435.33401	0.00034	0.58590	6.97748E-05	4.0954E-04		
610651.43	4206526.03	5641.25769	0.00124	0.58307	6.94379E-05	1.3140E-03	610651.43	4206526.03	5641.25769	0.00035	0.58307	6.94379E-05	4.2207E-04		
610658.43	4206526.03	5855.21979	0.00129	0.58010	6.90842E-05	1.3608E-03	610658.43	4206526.03	5855.21979	0.00037	0.58010	6.90842E-05	4.3510E-04		
610665.43	4206526.03	6077.58722	0.00134	0.57698	6.87126E-05	1.4095E-03	610665.43	4206526.03	6077.58722	0.00038	0.57698	6.87126E-05	4.4862E-04		
610672.43	4206526.03	6309.1953	0.00139	0.57368	6.83196E-05	1.4603E-03	610672.43	4206526.03	6309.1953	0.00039	0.57368	6.83196E-05	4.6272E-04		
610679.43	4206526.03	6548.85858	0.00144	0.57024	6.78009E-05	1.5127E-03	610679.43	4206526.03	6548.85858	0.00041	0.57024	6.78009E-05	4.7728E-04		
610686.43	4206526.03	6798.22069	0.00150	0.56662	6.74388E-05	1.5673E-03	610686.43	4206526.03	6798.22069	0.00042	0.56662	6.74388E-05	4.9244E-04		
610693.43	4206526.03	7055.88501	0.00156	0.56285	6.70299E-05	1.6237E-03	610693.43	4206526.03	7055.88501	0.00044	0.56285	6.70299E-05	5.0809E-04		
610700.43	4206526.03	7324.71439	0.00162	0.55891	6.65607E-05	1.6825E-03	610700.43	4206526.03	7324.71439	0.00046	0.55891	6.65607E-05	5.2443E-04		
610707.43	4206526.03	7594.85946	0.00168	0.55484	6.60760E-05	1.7416E-03	610707.43	4206526.03	7594.85946	0.00047	0.55484	6.60760E-05	5.4083E-04		
610714.43	4206526.03	7874.3055	0.00174	0.55059	6.55698E-05	1.8027E-03	610714.43	4206526.03	7874.3055	0.00049	0.55059	6.55698E-05	5.5779E-04		
610721.43	4206526.03	8163.68723	0.00180	0.54615	6.50411E-05	1.8661E-03	610721.43	4206526.03	8163.68723	0.00051	0.54615	6.50411E-05	5.7535E-04		
610735.43	4206526.03	8774.83563	0.00194	0.53667	6.39121E-05	1.9998E-03	610735.43	4206526.03	8774.83563	0.00055	0.53667	6.39121E-05	6.1243E-04		
610742.43	4206526.03	9097.71888	0.00201	0.53160	6.33083E-05	2.0704E-03	610742.43	4206526.03	9097.71888	0.00057	0.53160	6.33083E-05	6.3201E-04		
610749.43	4206526.03	9432.78643	0.00208	0.52630	6.26771E-05	2.1437E-03	610749.43	4206526.03	9432.78643	0.00059	0.52630	6.26771E-05	6.5232E-04		
610756.43	4206526.03	9780.41968	0.00216	0.52077	6.20186E-05	2.2197E-03	610756.43	4206526.03	9780.41968	0.00061	0.52077	6.20186E-05	6.7339E-04		
610763.43	4206526.03	10133.82092	0.00224	0.51498	6.13090E-05	2.2978E-03	610763.43	4206526.03	10133.82092	0.00063	0.51498	6.13090E-05	6.9488E-04		
610770.43	4206526.03	10491.56561	0.00231	0.50893	6.06085E-05	2.3752E-03	610770.43	4206526.03	10491.56561	0.00066	0.50893	6.06085E-05	7.1644E-04		
610777.43	4206526.03	10859.72744	0.00240	0.50261	5.98559E-05	2.4557E-03	610777.43	4206526.03	10859.72744	0.00068	0.50261	5.98559E-05	7.3870E-04		
610784.43	4206526.03	11238.06037	0.00248	0.49601	5.90723E-05	2.5383E-03	610784.43	4206526.03	11238.06037	0.00070	0.49603	5.90723E-05	7.6157E-04		
610791.43	4206526.03	11625.74007	0.00256	0.48920	5.82589E-05	2.6231E-03	610791.43	4206526.03	11625.74007	0.00073	0.48920	5.82589E-05	7.8499E-04		
610798.43	4206526.03	12021.9915	0.00265	0.48213	5.74169E-05	2.7096E-03	610798.43	4206526.03	12021.9915	0.00075	0.48213	5.74169E-05	8.0891E-04		
610805.43	4206526.03	12425.58285	0.00274	0.47484	5.65488E-05	2.7978E-03	610805.43	4206526.03	12425.58285	0.00078	0.47484	5.65488E-05	8.3327E-04		
610812.43	4206526.03	12834.65656	0.00283	0.46733	5.56544E-05	2.8872E-03	610812.43	4206526.03	12834.65656	0.00080	0.46733	5.56544E-05	8.5795E-04		
610819.43	4206526.03	13247.97522	0.00292	0.45964	5.47386E-05	2.9774E-03	610819.43	4206526.03	13247.97522	0.00083	0.45964	5.47386E-05	8.8287E-04		
610924.43	4206526.03	18547.29039	0.00409	0.33681	4.01107E-05	4.1319E-03	610924.43	4206526.03	18547.29039	0.00116	0.33681	4.01107E-05	1.1995E-03		
610931.43	4206526.03	18762.57213	0.00414	0.32899	3.91795E-05	4.1785E-03	610931.43	4206526.03	18762.57213	0.00117	0.32899	3.91795E-05	1.2120E-03		
610938.43	4206526.03	18955.30279	0.00418	0.32130	3.82637E-05	4.2201E-03	610938.43	4206526.03	18955.30279	0.00118	0.32130	3.82637E-05	1.2232E-03		
610945.43	4206526.03	19125.444	0.00422	0.31373	3.73621E-05	4.2567E-03	610945.43	4206526.03	19125.444	0.00120	0.31373	3.73621E-05	1.2329E-03		
610952.43	4206526.03	19273.12465	0.00425	0.30630	3.64773E-05	4.2884E-03	610952.43	4206526.03	19273.12465	0.00120	0.30630	3.64773E-05	1.2412E-03		
610959.43	4206526.03	19398.79079	0.00428	0.29900	3.56079E-05	4.3152E-03	610959.43	4206526.03	19398.79079	0.00121	0.29900	3.56079E-05	1.2482E-03		
610966.43	4206526.03	19502.78843	0.00430	0.29184	3.47535E-05	4.3373E-03	610966.43	4206526.03	19502.78843	0.00122	0.29184	3.47535E-05	1.2539E-03		
610973.43	4206526.03	19585.57988	0.00432	0.28484	3.39216E-05	4.3548E-03	610973.43	4206526.03	19585.57988	0.00122	0.28484	3.39216E-05	1.2582E-03		
610980.43	4206526.03	19647.94837	0.00433	0.27798	3.31047E-05	4.3677E-03	610980.43	4206526.03	19647.94837	0.00123	0.27798	3.31047E-05	1.2613E-03		
610987.43	4206526.03	19690.42927	0.00434	0.27127	3.23056E-05	4.3768E-03	610987.43	4206526.03	19690.42927	0.00123	0.27127	3.23056E-05	1.2632E-03		
611008.43	4206526.03	19706.86759	0.00435	0.25205	3.00167E-05	4.3776E-03	611008.43	4206526.03	19706.86759	0.00123	0.25205	3.00167E-05	1.2619E-03		
611015.43	4206526.03	19677.95019	0.00434	0.24595	2.92902E-05	4.3705E-03	611015.43	4206526.03	19677.95019	0.00123	0.24595	2.92902E-05	1.2594E-03		
611022.43	4206526.03	19633.20731	0.00433	0.24000	2.85816E-05	4.3598E-03	611022.43	4206526.03	19633.20731	0.00123	0.24000	2.85816E-05	1.2558E-03		
611029.43	4206526.03	19573.53937	0.00432	0.23420	2.78909E-05	4.3461E-03	611029.43	4206526.03	19573.53937	0.00122	0.23420	2.78909E-05	1.2514E-03		
611036.43	4206526.03	19499.83709	0.00430	0.22855	2.72180E-05	4.3291E-03	611036.43	4206526.03	19499.83709	0.00122	0.22855	2.72180E-05	1.2462E-03		
611043.43	4206526.03	19412.82841	0.00428	0.22304	2.65619E-05	4.3093E-03	611043.43	4206526.03	19412.82841	0.00121	0.22304	2.65619E-05	1.2401E-03		
611050.43	4206526.03	19313.51291	0.00426	0.21768	2.59235E-05	4.2867E-03	611050.43	4206526.03	19313.51291	0.00121	0.21768	2.59235E-05	1.2332E-03		
611057.43	4206526.03	19202.58784	0.00424	0.21246	2.53019E-05	4.2617E-03	611057.43	4206526.03	19202.58784	0.00120	0.21246	2.53019E-05	1.2257E-03		
611062.21	4206525.92	19131.27296	0.00422	0.20896	2.48851E-05	4.2455E-03	611062.21	4206525.92	19131.27296	0.00120	0.20896	2.48851E-05	1.2208E-03		
611078.43	4206526.03	18808.09312	0.00415	0.19763	2.35358E-05	4.1729E-03	611078.43	4206526.03	18808.09312	0.00118	0.19763	2.35358E-05	1.1992E-03		
611085.43	4206526.03	18658.50701	0.00412	0.19295	2.29784E-05	4.1391E-03	611085.43	4206526.03	18658.50701	0.00117	0.19295	2.29784E-05	1.1893E-03		
611092.43	4206526.03	18501.09283	0.00408	0.18841	2.24378E-05	4.1040E-03	611092.43	4206526.03	18501.09283	0.00116	0.18841	2.24378E-05	1.1788E-03		
611099.43	4206526.03	18336.26098	0.00404	0.18394	2.19058E-05	4.1007E-04	611099.43	4206526.03	18336.26098	0.00115	0.18394	2.19058E-05	1.1640E-04		
611106.43	4206526.03	18173.53937	0.00400	0.17955	2.13832E-05	4.0819E-04	611106.43	4206526.03	18173.53937	0.00114	0.17955	2.13832E-05	1.1491E-04		
611113.43	4206526.03	18010.09312	0.00396	0.17526	2.08708E-05	4.0631E-04	611113.43	4206526.03	18010.09312	0.00113	0.17526	2.08708E-05	1.1342E-04		
611120.43	4206526.03	17847.92707	0.00392	0.17107	2.03708E-05	4.0446E-04	611120.43	4206526.03	17847.92707	0.00112	0.17107	2.03708E-05	1.1196E-04		
611127.43	4206526.03	17686.31691	0.00388	0.16698	1.98832E-05	4.0264E-04	611127.43	4206526.03	17686.31691	0.00111	0.16698	1.98832E-05	1.1052E-04		
611134.43	4206526.03	17525.08123	0.00384	0.16298	1.94081E-05	4.0083E-04	611134.43	4206526.03	17525.08123	0.00110	0.16298	1.94081E-05	1.0909E-04		
611141.43	4206526.03	17363.21455	0.00380	0.15907	1.89415E-05	3.9902E-04	611141.43	4206526.03	17363.21455	0.00109	0.15907	1.89415E-05	1.0768E-04		
611148.43	4206526.03	17201.20151	0.00376	0.15525	1.84868E-05	3.9720E-04	611148.43	4206526.03	17201.20151	0.00108	0.15525	1.84868E-05	1.0628E-04		
611155.43	4206526.03	17039.18847	0.00372	0.15152	1.80431E-05	3.9539E-04	611155.43	4206526.03	17039.18847	0.00107	0.15152	1.80431E-05	1.0490E-04		
611162.43	4206526.03	16877.06543	0.00368	0.14788	1.76104E-05	3.9358E-04	611162.43	4206526.03	16877.06543	0.00106	0.14788	1.76104E-05	1.0353E-04		
611169.43	4206526.03	16714.94237	0.00364	0.14433	1.71886E-05	3.9177E-04	611169.43	4206526.03	16714.94237	0.00105	0.14433	1.71886E-05	1.0217E-04		
611176.43	4206526.03	16552.81931	0.00360	0.14087	1.67778E-05	3.8996E-04	611176.43	4206526.03	16552.81931	0.00104	0.14087	1.67778E-05	1.0080E-04		
611183.43	4206526.03	16390.69625	0.00356	0.13750	1.63781E-05	3.8815E-04	611183.43	4206526.03	16390.69625	0.00103	0.13750	1.63781E-05	9.9442E-05		
611190.43	4206526.03	16228.57319	0.00352	0.13422	1.59894E-05	3.8634E-04	611190.43	4206526.03	16228.57319	0.00102	0.13422	1.59894E-05	9.8084E-05		
611197.43	4206526.03	16066.45013	0.00348	0.13103	1.56116E-05	3.8453E-04	611197.43	4206526.03	16066.45013	0.00101	0.13103	1.56116E-05	9.6726E-05		
611204.43	4206526.03	15904.32707	0.00344	0.12792	1.52447E-05	3.8272E-04	611204.43	4206526.03	15904.32707	0.00100	0.12792	1.52447E-05	9.5368E-05		
611211.43	4206526.03	15742.20401	0.00340	0.12489	1.48886E-05	3.8091E-04	611211.43	4206526.03	15742.20401	0.00099	0.12489	1.48886E-05	9.4009E-05		
611218.43	4206526.03	15580.08095	0.00336	0.12193	1.45432E-05	3.7910E-04	611218.43	4206526.03	15580.08095	0.00098	0.12193	1.45432E-05	9.2650E-05		
611225.43	4206526.03	15417.95789	0.00332	0.11904	1.42084E-05	3.7729E-04	611225.43	4206526.03	15417.95789	0.00097	0.11904	1.42084E-05	9.1291E-05		
611232.43	4206526.03	15255.83483	0.00328	0.11624	1.38843E-05	3.7548E-04	611232.43	4206526.03	15255.83483	0.00096	0.11624	1.38843E-05	8.9931E-05		
611239.43	4206526.03	15093.71178	0.00324	0.11353	1.35708E-05	3.7367E-04	611239.43	4206526.03	15093.71178	0.00095	0.11353	1.35708E-05	8.8572E-05		
611246.43	4206526.03	14931.58872	0.00320	0.11091	1.32577E-05	3.7186E-04	611246.43	4206526.03	14931.58872	0.00094	0.11091	1.32577E-05	8.7213E-05		
611253.43	4206526.03	14769.46566	0.00316	0.10838	1.29452E-05	3.7005E-04	611253.43	4206526.03	14769.46566	0.00093	0.10838	1.29452E-05	8.5854E-05		
611260.43	4206526.03	14607.34261	0.00312	0.10594	1.26535E-05	3.6824E-04	611260.43	4206526.03	14607.34261	0.00092	0.10594	1.26535E-05	8.4495E-05		
611267.43	4206526.03	14445.21955	0.00308	0.10358	1.23626E-05	3.6643E-04	611267.43	4206526.03	14445.21955	0.00091	0.10358	1.23626E-05	8.3136E-05		
611274.43	4206526.03	14283.09649	0.00304	0.10130	1.20725E-05	3.6462E-04	611274.43	4206526.03	14283.09649	0.00090	0.10130	1.20725E-05	8.1777E-05		
611281.43	4206526.03	14120.97343	0.00300	0.09910	1.17832E-05	3.6281E-04	611281.43	4206526.03	14120.97343	0.00089	0.09910	1.17832E-05	8.0418E-05		
611288.43	4206526.03	13958.85037	0.00296	0.09698	1.14946E-05	3.6100E-04	611288.43	4206526.03	13958.85037	0.00088	0.09698	1.14946E-05	7.9059E-05		
611295.43	4206526.03	13796.72731	0.00292	0.09494	1.12067E-05	3.5919E-04	611295.43	4206526.03	13796.72731	0.00087	0.09494	1.12067E-05	7.7700E-05		
611302.43	4206526.03	13634.60425	0.00288	0.09297	1.09195E-05	3.5738E-04	611302.43	4206526.03	13634.60425	0.00086	0.09297	1.09195E-05	7.6341E-05		
611309.43	4206526.03	13472.48119	0.00284	0.09107	1.06330E-05	3.5557E-04	611309.43	4206526.03	13472.48119	0.00085	0.09107	1.06330E-05	7.4982E-05		
611316.43	4206526.03	13310.35813	0.00280	0.08924	1.03461E-05	3.5376E-04	611316.43	4206526.03	13310.35813	0.00084	0.08924	1.03461E-05	7.3623E-05		
611323.43	4206526.03	13148.23507	0.00276	0.08749	1.00592E-05	3.5195E-04	611323.43	4206526.03	13148.23507	0.00083	0.08749	1.00592E-05	7.2264E-05		
611330.43	4206526.03	12986.11201	0.00272	0.08581	9.77230E-06	3.5014E-04	611330.43	4206526.03	12986.11201	0.00082	0.08581	9.77230E-06	7.0905E-05		
611337.43	4206526.03	12823.98895	0.00268	0.08420	9.48853E-06	3.4833E-04	611337.43	4206526.03	12823.98895	0.00081	0.08420	9.48853E-06	6.9546E-05		
611344.43	4206526.03	12661.86589	0.00264	0.08266	9.20476E-06	3.4652E-04	611344.43	4206526.03	12661.86589	0.00080	0.08266	9.20476E-06	6.8187E-05		
611351.43	4206526.03	12499.74283	0.00260	0.08119	8.92099E-06	3.4471E-04	611351.43	4206526.03	12499.74283	0.00079	0.08119	8.92099E-06	6.6828E-05		
611358.43	4206526.03	12337.61977	0.00256	0.07979	8.63722E-06	3.4290E-04	611358.43	4206526.03	12337.61977	0.00078	0.07979	8.63722E-06	6.5469E-05		
611365.43	4206526.03	12175.49671	0.00252	0.07846	8.35345E-06	3.4109E-04	611365.43	4206526.03	12175.49671	0.00077	0.07846	8.35345E-06	6.4110E-05		
611372.43	4206526.03	12013.37365	0.00248	0.07720	8.06968E-06	3.3928E-04	611372.43	4206526.03	12013.37365	0.00076	0.07720	8.06968E-06	6.2751E-05		
611379.43	4206526.03	11851.25059	0.00244	0.07601	7.78591E-06	3.3747E-04	611379.43	4206526.03	11851.25059	0.00075	0.07601	7.78591E-06	6.1392E-05		
611386.43	4206526.03	11689.12753	0.00240	0.07490	7.50214E-06	3.3566E-04	611386.43	4206526.03	11689.12753	0.00074	0.07490	7.50214E-06	6.0033E-05		
611393.43	4206526.03	11527.00447	0.00236	0.07387	7.21837E-06	3.3385E-04	611393.43	4206526.03	11527.00447	0.00073	0.07387	7.21837E-06	5.8674E-05		
611400.43	4206526.03	11364.88141	0.00232	0.07290	6.93460E-06	3.3204E-04	611400.43	4206526.03	11364.88141	0.00072	0.07290	6.93460E-06	5.7315E-05		
611407.43	4206526.03	11202.75835	0.00228	0.07199	6.65083E-06	3.3023E-04	611407.43	4206526.03	11202.75835	0.00071	0.07199	6.65083E-06	5.5956E-05		
611414.43	4206526.03	11040.63529	0.00224	0.07114	6.36706E-06	3.2842E-04	611414.43	4206526.03	11040.63529	0.00070	0.07114	6.36706E-06	5.4597E-05		
611421.43	4206526.03	10878.51223	0.00220	0.07035	6.08329E-06	3.2661E-04	611421.43	4206526.03	10878.51223	0.00069	0.07035	6.08329E-06	5.3238E-05		
611428.43	4206526.03	10716.38917	0.00216	0.06962	5.79952E-06	3.2480E-04	611428.43	4206526.03	10716.38917	0.00068	0.06962	5.79952E-06	5.1879E-05		
611435.43	4206526.03	10554.26611	0.00212	0.06895	5.51575E-06	3.2299E-04	611435.43	4206526.03	10554.26611	0.00067	0.06895	5.51575E-06	5.0520E-05		
611442.43	4206526.03	10392.14305	0.00208	0.06834	5.23198E-06	3.2118E-04	611442.43	4206526.03	10392.14305	0.00066	0.06834	5.23198E-06	4.9161E-05		
611449.43	4206526.03	10230.02000	0.00204	0.06779	4.94821E-06	3.1937E-04	611449.43	4206526.03	10230.02000	0.00065	0.06779	4.94821E-06	4.7802E-05		
611456.43	4206526.03	10067.89694	0.00200	0.06729	4.66444E-06	3.1756E-04	611456.43	4206526.03	10067.89694	0.00064	0.06729	4.66444E-06	4.6443E-05		
611463.43	4206526.03	9905.77388	0.00196	0.06684	4.38067E-06	3.1575E-04	611463.43	4206526.03	9905.77388	0.00063	0.06684	4.38067E-06	4.5084E-05		
611470.43	4206526.03	9743.65082	0.00192	0.06644	4.09690E-06	3.1394E-04	611470.43	4206526.03	9743.65082	0.00062	0.06644	4.09690E-06	4.3725E-05		
611477.43	4206526.03	9581.52776	0.00188	0.06609	3.81313E-06	3.1213E-04	611477.43	4206526.03	9581.52776	0.00061	0.06609	3.81313E-06	4.2366E-05		
611484.43

610686.43	4206540.03	6184.62217	0.00136	0.52448	6.246046-05	1.4269E-03	610686.43	4206540.03	6184.62217	0.00039	0.52448	6.246046E-05	4.4906E-04
610693.43	4206540.03	6408.14067	0.00141	0.52135	6.208768-05	1.4758E-03	610693.43	4206540.03	6408.14067	0.00040	0.52135	6.208768E-05	4.6266E-04
610700.43	4206540.03	6638.07456	0.00146	0.51808	6.169828-05	1.5261E-03	610700.43	4206540.03	6638.07456	0.00041	0.51808	6.169828E-05	4.7665E-04
610707.43	4206540.03	6867.58926	0.00152	0.51473	6.129938-05	1.5764E-03	610707.43	4206540.03	6867.58926	0.00043	0.51473	6.129938E-05	4.9059E-04
610714.43	4206540.03	7102.31461	0.00157	0.51124	6.088368-05	1.6278E-03	610714.43	4206540.03	7102.31461	0.00044	0.51124	6.088368E-05	5.0485E-04
610735.43	4206540.03	7853.79126	0.00173	0.49982	5.952368-05	1.7922E-03	610735.43	4206540.03	7853.79126	0.00049	0.49982	5.952368E-05	5.5047E-04
610742.43	4206540.03	8119.37461	0.00179	0.49569	5.903188-05	1.8503E-03	610742.43	4206540.03	8119.37461	0.00051	0.49569	5.903188E-05	5.6658E-04
610749.43	4206540.03	8396.33846	0.00185	0.49137	5.851738-05	1.9108E-03	610749.43	4206540.03	8396.33846	0.00052	0.49137	5.851738E-05	5.8337E-04
610812.43	4206540.03	11233.58798	0.00248	0.44313	5.277248-05	2.5311E-03	610812.43	4206540.03	11233.58798	0.00070	0.44313	5.277248E-05	7.5499E-04
610819.43	4206540.03	11587.69459	0.00256	0.43675	5.201266-05	2.6084E-03	610819.43	4206540.03	11587.69459	0.00072	0.43675	5.201266E-05	7.7636E-04
610826.43	4206540.03	11946.4054	0.00264	0.43020	5.123268-05	2.6858E-03	610826.43	4206540.03	11946.4054	0.00075	0.43020	5.123268E-05	7.9800E-04
610833.43	4206540.03	12308.13829	0.00272	0.42349	5.043356-05	2.7658E-03	610833.43	4206540.03	12308.13829	0.00077	0.42349	5.043356E-05	8.1982E-04
610840.43	4206540.03	12671.44291	0.00280	0.41665	4.961896-05	2.8451E-03	610840.43	4206540.03	12671.44291	0.00079	0.41665	4.961896E-05	8.4171E-04
610847.43	4206540.03	13034.26368	0.00288	0.40969	4.879008-05	2.9243E-03	610847.43	4206540.03	13034.26368	0.00081	0.40969	4.879008E-05	8.6356E-04
610854.43	4206540.03	13395.12226	0.00296	0.40263	4.794938-05	3.0031E-03	610854.43	4206540.03	13395.12226	0.00084	0.40263	4.794938E-05	8.8528E-04
610910.43	4206540.03	15985.40837	0.00353	0.34474	4.105518-05	3.5677E-03	610910.43	4206540.03	15985.40837	0.00100	0.34474	4.105518E-05	1.0403E-03
610917.43	4206540.03	16248.84254	0.00358	0.33757	4.020138-05	3.6249E-03	610917.43	4206540.03	16248.84254	0.00102	0.33757	4.020138E-05	1.0559E-03
610924.43	4206540.03	16495.79635	0.00364	0.33045	3.935338-05	3.6786E-03	610924.43	4206540.03	16495.79635	0.00103	0.33045	3.935338E-05	1.0705E-03
610931.43	4206540.03	16725.07887	0.00369	0.32341	3.851498-05	3.7283E-03	610931.43	4206540.03	16725.07887	0.00105	0.32341	3.851498E-05	1.0840E-03
610938.43	4206540.03	16935.97296	0.00374	0.31644	3.768498-05	3.7740E-03	610938.43	4206540.03	16935.97296	0.00106	0.31644	3.768498E-05	1.0964E-03
610945.43	4206540.03	17128.38397	0.00378	0.30956	3.686558-05	3.8156E-03	610945.43	4206540.03	17128.38397	0.00107	0.30956	3.686558E-05	1.1076E-03
610952.43	4206540.03	17301.86892	0.00382	0.30276	3.605576-05	3.8531E-03	610952.43	4206540.03	17301.86892	0.00108	0.30276	3.605576E-05	1.1176E-03
611001.43	4206540.03	18000.71369	0.00397	0.25821	3.075036-05	4.0020E-03	611001.43	4206540.03	18000.71369	0.00113	0.25821	3.075036E-05	1.1560E-03
611008.43	4206540.03	18031.18426	0.00398	0.25231	3.004766-05	4.0080E-03	611008.43	4206540.03	18031.18426	0.00113	0.25231	3.004766E-05	1.1572E-03
611015.43	4206540.03	18046.07619	0.00398	0.24654	2.936056-05	4.0106E-03	611015.43	4206540.03	18046.07619	0.00113	0.24654	2.936056E-05	1.1574E-03
611022.43	4206540.03	18045.78013	0.00398	0.24090	2.868888-05	4.0098E-03	611022.43	4206540.03	18045.78013	0.00113	0.24090	2.868888E-05	1.1567E-03
611029.43	4206540.03	18030.9783	0.00398	0.23537	2.803028-05	4.0059E-03	611029.43	4206540.03	18030.9783	0.00113	0.23537	2.803028E-05	1.1552E-03
611036.43	4206540.03	18002.44454	0.00397	0.22998	2.738838-05	3.9990E-03	611036.43	4206540.03	18002.44454	0.00113	0.22998	2.738838E-05	1.1527E-03
611043.43	4206540.03	17960.75994	0.00396	0.22471	2.676076-05	3.9892E-03	611043.43	4206540.03	17960.75994	0.00112	0.22471	2.676076E-05	1.1495E-03
611050.43	4206540.03	17906.60981	0.00395	0.21956	2.614746-05	3.9766E-03	611050.43	4206540.03	17906.60981	0.00112	0.21956	2.614746E-05	1.1455E-03
611057.43	4206540.03	17840.76557	0.00394	0.21453	2.554846-05	3.9615E-03	611057.43	4206540.03	17840.76557	0.00112	0.21453	2.554846E-05	1.1408E-03
611062.21	4206539.92	17799.58006	0.00393	0.21115	2.514596-05	3.9520E-03	611062.21	4206539.92	17799.58006	0.00111	0.21115	2.514596E-05	1.1378E-03
611078.43	4206540.03	17579.2567	0.00388	0.20018	2.383958-05	3.9021E-03	611078.43	4206540.03	17579.2567	0.00110	0.20018	2.383958E-05	1.1227E-03
611085.43	4206540.03	17472.87999	0.00385	0.19563	2.329765-05	3.8781E-03	611085.43	4206540.03	17472.87999	0.00109	0.19563	2.329765E-05	1.1155E-03
611092.43	4206540.03	17358.13714	0.00383	0.19119	2.276888-05	3.8522E-03	611092.43	4206540.03	17358.13714	0.00109	0.19119	2.276888E-05	1.1078E-03
610294.43	4206547.03	1495.06507	0.00033	0.51026	6.076698-05	3.9060E-04	610294.43	4206547.03	1495.06507	0.00009	0.51026	6.076698E-05	1.5422E-04
610301.43	4206547.03	1523.24489	0.00034	0.51240	6.102188-05	3.9707E-04	610301.43	4206547.03	1523.24489	0.00010	0.51240	6.102188E-05	1.5624E-04
610308.43	4206547.03	1552.29056	0.00034	0.51446	6.126718-05	4.0372E-04	610308.43	4206547.03	1552.29056	0.00010	0.51446	6.126718E-05	1.5830E-04
610315.43	4206547.03	1582.07737	0.00035	0.51649	6.150898-05	4.1054E-04	610315.43	4206547.03	1582.07737	0.00010	0.51649	6.150898E-05	1.6040E-04
610322.43	4206547.03	1612.69483	0.00036	0.51844	6.174118-05	4.1752E-04	610322.43	4206547.03	1612.69483	0.00010	0.51844	6.174118E-05	1.6255E-04
610329.43	4206547.03	1644.25957	0.00036	0.52033	6.196628-05	4.2471E-04	610329.43	4206547.03	1644.25957	0.00010	0.52033	6.196628E-05	1.6475E-04
610336.43	4206547.03	1676.61105	0.00037	0.52216	6.218418-05	4.3207E-04	610336.43	4206547.03	1676.61105	0.00010	0.52216	6.218418E-05	1.6699E-04
610343.43	4206547.03	1710.04903	0.00038	0.52389	6.239018-05	4.3965E-04	610343.43	4206547.03	1710.04903	0.00011	0.52389	6.239018E-05	1.6929E-04
610350.43	4206547.03	1744.36205	0.00038	0.52552	6.258428-05	4.4741E-04	610350.43	4206547.03	1744.36205	0.00011	0.52552	6.258428E-05	1.7162E-04
610357.43	4206547.03	1779.59088	0.00039	0.52706	6.276768-05	4.5537E-04	610357.43	4206547.03	1779.59088	0.00011	0.52706	6.276768E-05	1.7401E-04
610364.43	4206547.03	1815.66772	0.00040	0.52849	6.293798-05	4.6350E-04	610364.43	4206547.03	1815.66772	0.00011	0.52849	6.293798E-05	1.7644E-04
610371.43	4206547.03	1852.7519	0.00041	0.52984	6.309876-05	4.7184E-04	610371.43	4206547.03	1852.7519	0.00012	0.52984	6.309876E-05	1.7891E-04
610378.43	4206547.03	1890.78634	0.00042	0.53113	6.325236-05	4.8039E-04	610378.43	4206547.03	1890.78634	0.00012	0.53113	6.325236E-05	1.8145E-04
610385.43	4206547.03	1929.75375	0.00043	0.53236	6.339888-05	4.8913E-04	610385.43	4206547.03	1929.75375	0.00012	0.53236	6.339888E-05	1.8403E-04
610392.43	4206547.03	1969.65051	0.00043	0.53353	6.353815-05	4.9807E-04	610392.43	4206547.03	1969.65051	0.00012	0.53353	6.353815E-05	1.8666E-04
610399.43	4206547.03	2010.46571	0.00044	0.53461	6.366688-05	5.0720E-04	610399.43	4206547.03	2010.46571	0.00013	0.53461	6.366688E-05	1.8934E-04
610406.43	4206547.03	2052.2315	0.00045	0.53565	6.379066-05	5.1654E-04	610406.43	4206547.03	2052.2315	0.00013	0.53565	6.379066E-05	1.9208E-04
610413.43	4206547.03	2095.53009	0.00046	0.53668	6.391338-05	5.2622E-04	610413.43	4206547.03	2095.53009	0.00013	0.53668	6.391338E-05	1.9491E-04
610420.43	4206547.03	2139.79953	0.00047	0.53764	6.402766-05	5.3610E-04	610420.43	4206547.03	2139.79953	0.00013	0.53764	6.402766E-05	1.9779E-04
610427.43	4206547.03	2184.95487	0.00048	0.53850	6.413006-05	5.4616E-04	610427.43	4206547.03	2184.95487	0.00014	0.53850	6.413006E-05	2.0071E-04
610434.43	4206547.03	2231.08267	0.00049	0.53928	6.422296-05	5.5643E-04	610434.43	4206547.03	2231.08267	0.00014	0.53928	6.422296E-05	2.0369E-04
610441.43	4206547.03	2278.04728	0.00050	0.53996	6.430396-05	5.6687E-04	610441.43	4206547.03	2278.04728	0.00014	0.53996	6.430396E-05	2.0671E-04
610448.43	4206547.03	2326.05993	0.00051	0.54056	6.437546-05	5.7754E-04	610448.43	4206547.03	2326.05993	0.00015	0.54056	6.437546E-05	2.0979E-04
610455.43	4206547.03	2374.91397	0.00052	0.54106	6.443496-05	5.8837E-04	610455.43	4206547.03	2374.91397	0.00015	0.54106	6.443496E-05	2.1289E-04
610462.43	4206547.03	2424.82534	0.00053	0.54148	6.448498-05	5.9943E-04	610462.43	4206547.03	2424.82534	0.00015	0.54148	6.448498E-05	2.1606E-04
610469.43	4206547.03	2475.72438	0.00055	0.54180	6.452308-05	6.1070E-04	610469.43	4206547.03	2475.72438	0.00015	0.54180	6.452308E-05	2.1928E-04
610497.43	4206547.03	2691.2441	0.00059	0.54219	6.456958-05	6.5839E-04	610497.43	4206547.03	2691.2441	0.00017	0.54219	6.456958E-05	2.3280E-04
610504.43	4206547.03	2748.69647	0.00061	0.54206	6.455408-05	6.7059E-04	610504.43	4206547.03	2748.69647	0.00017	0.54206	6.455408E-05	2.3638E-04
610511.43	4206547.03	2808.00779	0.00062	0.54185	6.452908-05	6.8401E-04	610511.43	4206547.03	2808.00779	0.00018	0.54185	6.452908E-05	2.4006E-04
610518.43	4206547.03	2869.41144	0.00063	0.54154	6.449218-05	6.9752E-04	610518.43	4206547.03	2869.41144	0.00018	0.54154	6.449218E-05	2.4386E-04
610525.43	4206547.03	2933.18095	0.00065	0.54115	6.444568-05	7.1150E-04	610525.43	4206547.03	2933.18095	0.00018	0.54115	6.444568E-05	2.4780E-04
610532.43	4206547.03	2999.62668	0.00066	0.54067	6.438858-05	7.2615E-04	610532.43	4206547.03	2999.62668	0.00019	0.54067	6.438858E-05	2.5190E-04
610539.43	4206547.03	3069.20329	0.00068	0.54011	6.432188-05	7.4143E-04	610539.43	4206547.03	3069.20329	0.00019	0.54011	6.432188E-05	2.5616E-04
610546.43	4206547.03	3142.26165	0.00069	0.53947	6.424556-05	7.5747E-04	610546.43	4206547.03	3142.26165	0.00020	0.53947	6.424556E-05	2.6067E-04
610553.43	4206547.03	3219.32652	0.00071	0.53873	6.415748-05	7.7438E-04	610553.43	4206547.03	3219.32652	0.00020	0.53873	6.415748E-05	2.6540E-04
610560.43	4206547.03	3301.57446	0.00073	0.53779	6.404558-05	7.9242E-04	610560.43	4206547.03	3301.57446	0.00021	0.53779	6.404558E-05	2.7043E-04
610567.43	4206547.03	3389.12879	0.00075	0.53676	6.392288-05	8.1161E-04	610567.43	4206547.03	3389.12879	0.00021	0.53676	6.392288E-05	2.7578E-04
610574.43	4206547.03	3482.27845	0.00077	0.53564	6.378948-05	8.3203E-04	610574.43	4206547.03	3482.27845	0.00022	0.53564	6.378948E-05	2.8147E-04
610581.43	4206547.03	3581.56996	0.00079	0.53444	6.364658-05	8.5378E-04	610581.43	4206547.03	3581.56996	0.00022	0.53444	6.364658E-05	2.8753E-04
610588.43	4206547.03	3687.37161	0.00081	0.53317	6.349538-05	8.7698E-04	610588.43	4206547.03	3687.37161	0.00023	0.53317	6.349538E-05	2.9399E-04
610595.43	4206547.03	3800.0217	0.00084	0.53182	6.333498-05	9.0167E-04	610595.43	4206547.03	3800.0217	0.00024	0.53182	6.333498E-05	3.0087E-04
610602.43	4206547.03	3919.63061	0.00086	0.53040	6.316548-05	9.2789E-04	610602.43	4206547.03	3919.63061	0.00025	0.53040	6.316548E-05	3.0818E-04
610609.43	4206547.03	4046.77825	0.00089	0.52889	6.298568-05	9.5576E-04	610609.43	4206547.03	4046.77825	0.00025	0.52889	6.298568E-05	3.1595E-04
610616.43	4206547.03	4181.30564	0.00092	0.52729	6.279508-05	9.8526E-04	610616.43	4206547.03	4181.30564	0.00026	0.52729	6.279508E-05	3.2417E-04
610623.43	4206547.03	4323.35431	0.00095	0.52560	6.259388-05	1.0164E-03	610623.43	4206547.03	4323.35431	0.00027	0.52560	6.259388E-05	3.3285E-04
610630.43	4206547.03	4472.67119	0.00099	0.52380	6.237946-05	1.0491E-03	610630.43	4206547.03	4472.67119	0.00028	0.52380	6.237946E-05	3.4197E-04
610637.43	4206547.03	4629.88711	0.00102	0.52188	6.215086-05	1.0836E-03	610637.43	4206547.03	4629.88711	0.00029	0.52188	6.215086E-05	3.5157E-04
610644.43	4206547.03	4793.60815	0.00106	0.51985	6.190906-05	1.1194E-03	610644.43	4206547.03	4793.60815	0.00030	0.51985	6.190906E-05	3.6156E-04
610651.43	4206547.03	4964.51963	0.00110	0.51770	6.165306-05	1.1568E-03	610651.43	4206547.03	4964.51963	0.00031	0.51770	6.165306E-05	3.7198E-04
610658.43	4206547.03	5141.2731	0.00113	0.51544	6.138388-05	1.1956E-03	610658.43	4206547.03	5141.2731	0.00032	0.51544	6.138388E-05	3.8277E-04
610665.43	4206547.03	5324.87582	0.00117	0.51306	6.110048-05	1.2358E-03	610665.43	4206547.03	5324.87582	0.00033	0.51306	6.110048E-05	3.9396E-04
610672.43	4206547.03	5513.85654	0.00122	0.51056	6.080268-05	1.2772E-03	610672.43	4206547.03	5513.85654	0.00034	0.51056	6.080268E-05	4.0547E-04
610679.43	4206547.03	5708.75997	0.00126	0.50795	6.049188-05	1.3199E-03	610679.43	4206547.03	5708.75997	0.00036	0.50795	6.049188E-05	4.1735E-04
610686.43	4206547.03	5910.66364	0.00130	0.50520	6.016438-05	1.3641E-03	610686.43	4206547.03	5910.66364	0.00037	0.50520	6.016438E-05	4.2964E-04
610693.43	4206547.03	6117.98736	0.00135	0.50235	5.982498-05	1.4095E-03	610693.43	4206547.03	6117.98736	0.00038	0.50235	5.982498E-05	4.4226E-04
610700.43	4206547.03	6333.01651	0.00140	0.49937	5.947006-05	1.4566E-03	610700.43	4206547.03	6333.01651	0.00040	0.49937	5.947006E-05	4.5535E-04
610707.43	4206547.03	6543.42953	0.00144	0.49632	5.910686-05	1.5027E-03	610707.43	4206547.03	6543.42953	0.00041	0.49632	5.910686E-05	4.6814E-04
610714.43	4206547.03	6760.58912	0.00149	0.49315	5.872938-05	1.5502E-03	610714.43	4206547.03	6760.58912	0.00042	0.49315	5.872938E-05	4.8134E-04
610777.43	4206547.03	9010.1571	0.00199	0.45767	5.450408-05	2.0423E-03	610777.43	4206547.03	9010.1571	0.00056	0.45767	5.450408E-05	6.1773E-04
610784.43	4206547.03	9299.20484	0.00205	0.45280	5.392408-05	2.1056E-03	610784.43	4206547.03	9299.20484	0.00058	0.45280	5.392408E-05	6.3522E-04
610791.43	4206547.03	9596.904	0.00212	0.44774	5.332148-05	2.1705E-03	610791.43	4206547.03	9596.904	0.00060	0.44774	5.332148E-05	6.5323E-04
610798.43	4206547.03	9903.03551	0.00218	0.44249	5.269628-05	2.2374E-03	610798.43	4206547.03	9903.03551	0.00062	0.44249	5.269628E-05	6.7174E-04
610805.43	4206547.03	10217.1134	0.00225	0.43704	5.204716-05	2.3061E-03	610805.43	4206547.03	10217.1134	0.00064	0.43704	5.204716E-05	6.9072E-04
610812.43	4206547.03	10538.34306	0.00232	0.43140	5.137556-05	2.3763E-03	610812.43	4206547.03	10538.34306	0.00066	0.43140	5.137556E-05	7.1013E-04
610819.43	4206547.03	10865.80728	0.00240	0.42559	5.068356-05	2.4478E-03	610819.43	4206547.03	10865.80728	0.00068	0.42559	5.068356E-05	7.2991E-04
610826.43	4206547.03	11198.65598	0.00247	0.41961	4.997146-05	2.5205E-03	610826.43	4206547.03	11198.65598	0.00070	0.41961	4.997146E-05	7.5000E-04
610833.43	4206547.03	11535.43485	0.00254	0.41348	4.924146-05	2.5941E-03	610833.43	4206547.03	11535.43485	0.00072	0.41348	4.924146E-05	7.7032E-04
610840.43	4206547.03	11874.83394	0.00262	0.40720	4.849356-05	2.6682E-03	610840.43	4206547.03	11874.83394	0.00074	0.40720	4.849356E-05	7.9079E-04
610847.43	4206547.03	12215.30796	0.00269	0.40080	4.773136-05	2.7426E-03	610847.43	4206547.03	12215.30796	0.00076	0.40080	4.773136E-05	8.1131E-04
610854.43	4206547.03	12555.30177	0.00277	0.39430	4.695726-05	2.8168E-03	610854.43	4206547.03	12555.30177	0.00078	0.39430	4.695726E-05	8.3179E-04
610861.43	4206547.03	12892.90814	0.00284	0.38770	4.617126-05	2.8905E-03	610861.43	4206547.03	12892.90814	0.00081	0.38770	4.617126E-05	8.5211E-04
610868.43	4206547.03	13226.6534	0.00292	0.38103	4.537686-05	2.9634E-03	610868.43	4206547.03	13226.6534	0.00083	0.38103	4.537686E-05	8.7218E-04
610875.43	4206547.03	13554.62882	0.00299	0.37430	4.457546-05	3.0348E-03	610875.43	4206547.03	13554.62882	0.00085	0.37430	4.457546E-05	8.9188E-04
610882.43	4206547.03	13875.21588	0.00306	0.36753	4.376926-05	3.1048E-03	610882.43	4206547.03	13875.21588	0.00087	0.36753	4.376926E-05	9.1111E-04
610889.43	4206547.03	14186.71802	0.00313	0.36073	4.295946-05	3.1727E-03	610889.43	4206547.03	14186.71802	0.00089	0.36073	4.295946E-05	9.2977E-04
610910.43	4206547.03	15053.43947	0.00332	0.34032	4.052876-05	3.3615E-03	610910.43	4206547.03	15053.43947	0.00094	0.34032	4.052876E-05	9.8152E-04
610917.43	4206547.03	15315.59242	0.00338	0.33355	3.972256-05	3.4186E-03	610917.43	4206547.03	15315.59242	0.00096	0.33355	3.972256E-05	9.9710E-04
610924.43	4206547.03	15563.31082	0.00343	0.32683	3.892226-05	3.4724E-03	610924.43	4206547.03	15563.31082	0.00097	0.32683	3.892226E-05	1.0118E-03
610931.43	4206547.03	15795.4983	0.00348	0.32016	3.812798-05	3.5228E-03	610931.43	4206547.03	15795.4983	0.00099	0.32016	3.812798E-05	1.0255E-03
610938.43	4206547.03	16011.45298	0.00353	0.31355	3.734078-05	3.5697E-03	610938.43	4206547.03	16011.45298	0.00100	0.31355	3.734078E-05	1.0382E-03
610945.43	4206547.03	16210.60053	0.00358	0.30700	3.656078-05	3.6128E-03	610945.43	4206547.03	16210.60053	0.00101	0.30700	3.656078E-05	1.0498E-03
610952.43	4206547.03	16392.65906	0.00362	0.30052	3.578908-05	3.6522E-03	610952.43	4206547.03	16392.65906	0.00102	0.30052	3.578908E-05	1.0605E-03
610959.43	4206547.03	16557.44194	0.00365	0.29413	3.502808-05	3.6878E-03	610959.43	4206547.03	16557.44194	0.00104	0.29413	3.502808E-05	1.0700E-03
610966.43	4206547.03	16704.9322	0.00369	0.28782	3.427656-05	3.7196E-03	610966.43	4206547.03	16704.9322	0.00104	0.28782	3.427656E-05	1.0785E-03
610973.43	4206547.03	16835.16646	0.00371	0.28160	3.353586-05	3.7476E-03	610973.43	4206547.03	16835.16646	0.00105	0.28160	3.353586E-05	1.0859E-03
611001.43	4206547.03	17188.60298	0.00379	0.25772	3.069196-05	3.8227E-03	611001.43	4206547.03	17188.60298	0.00107	0.25772	3.069196E-05	1.1052E-03
611008.43	4206547.03	17236.82972	0.00380	0.25202	3.001316-05	3.8327E-03	611008.43	4206547.03	17236.82972	0.00108	0.25202	3.001316E-05	1.1075E-03
611015.43	4206547.03	17269.81725	0.00381	0.24642	2.934628-05	3.8393E-03	611015.43	4206547.03	17269.81725	0.00108	0.24642	2.934628E-05	1.1089E-03
611022.43	4206547.03	17288.20971	0.00381	0.24094	2.869366-05	3.8427E-03	611022.43	4206547.03	17288.20971	0.00108	0.24094	2.869366E-05	1.1094E-03
611029.43	4206547.03	17292.57169	0.00381	0.23557	2.805416-05	3.8430E-03	611029.43	4206547.03	17292.57169	0.00108	0.23557	2.805416E-05	1.1090E-03
611036.43	4206547.03	17283.36023	0.00381	0.23031	2.742766-05	3.8404E-03	611036.43	4206547.03	17283.36023	0.00108	0.23031	2.742766E-05	1.1078E-03
611043.43	4206547.03	17261.2839	0.00381	0.22517	2.681556-05	3.8349E-03	611043.43	4206547.03	17261.2839	0.00108	0.22517	2.681556E-05	1.1058E-03
611050.43	4206547.03	17227.01434	0.00380	0.22014	2.621656-05	3.8267E-03	611050.43	4206547.03	17227.01434	0.00108	0.22014	2.621656E-05	1.1031E-03
611057.43	4206547.03	17180.91993	0.00379	0.21522	2.563066-05	3.8160E-03	611057.43	4206547.03	17180.91993	0.00107	0.21522	2.563066E-05	1.0996E-03
611078.43	4206547.03	16978.57288	0.00375	0.20114	2.395388-05	3.7697E-03	611078.43	4206547.03	16978.57288	0.00106	0.20114	2.395388E-05	1.0853E-03
611085.43	4206547.03	16891.76991	0.00373	0.19666	2.342038-05	3.7508E-03	611085.43	4206547.03	16891.76991	0.00106	0.19666	2.342038E-05	1.0793E-03
611092.43	4206547.03	16796.23368	0.00371	0.19229	2.289988-05	3.7284E-03	611092.43	4206547.03	16796.23368	0.00105	0.19229	2.289988E-05	1.0728E-03
610294.43	4206554.03	1466.09136	0.00032	0.48746	5.805178-05	3.8149E-04	610294.43	4206554.03	1466.09136	0.00009	0.48746	5.805178E-05	1.4970E-04
610301.43	4206554.03	1493.53297	0.00033	0.48956	5.830188-05	3.8780E-04	610301.43	4206554.03	1493.53297	0.00009	0.48956	5.830188E-05	1.5168E-04
610308.43	4206554.03	1521.66513	0.00034	0.49162	5.854718-05	3.9425E-04	610308.43	4206554.03	1521.66513	0.00010	0.49162	5.854718E-05	1.5367E-04
610315.43	4206554.03	1550.50082	0.00034	0.49361	5.878418-05	4.0086E-04	610315.43	4206554.03	1550.50082	0.00010	0.49361	5.878418E-05	1.5571E-04
610322.43	4206554.03	1580.33912	0.00035	0.49555	5.901518-05	4.0766E-04	610322.43	4206554.03	1580.33912	0.00010	0.49555	5.901518E-05	1.5780E-04
610329.43	4206554.03	1610.84536	0.00036	0.49743	5.923908-05	4.1461E-04	610329.43	4206554.03	1610.84536	0.00010	0.49743	5.923908E-05	1.5993E-04
610336.43	4206554.03	1642.25291	0.00036	0.49925	5.945578-05	4.2176E-04	610336.43	4206554.03	1

610917.43	4206554.03	14442.43628	0.00319	0.32931	3.92176E-05	3.22544E-03	610917.43	4206554.03	14442.43628	0.00090	0.32931	3.92176E-05	9.42026E-04		
610924.43	4206554.03	14688.93331	0.00324	0.33296	3.84613E-05	3.27906E-03	610924.43	4206554.03	14688.93331	0.00092	0.33296	3.84613E-05	9.56676E-04		
610931.43	4206554.03	14921.95677	0.00329	0.33666	3.77111E-05	3.32976E-03	610931.43	4206554.03	14921.95677	0.00093	0.33666	3.77111E-05	9.70498E-04		
610938.43	4206554.03	15140.49441	0.00334	0.34039	3.69644E-05	3.37726E-03	610938.43	4206554.03	15140.49441	0.00095	0.34039	3.69644E-05	9.83406E-04		
610945.43	4206554.03	15344.02221	0.00339	0.34417	3.62236E-05	3.42316E-03	610945.43	4206554.03	15344.02221	0.00096	0.34417	3.62236E-05	9.95388E-04		
610952.43	4206554.03	15532.26856	0.00343	0.34801	3.54900E-05	3.46216-03	610952.43	4206554.03	15532.26856	0.00097	0.34801	3.54900E-05	1.00645-03		
610959.43	4206554.03	15704.713	0.00346	0.29191	3.47636E-05	3.49946-03	610959.43	4206554.03	15704.713	0.00098	0.29191	3.47636E-05	1.01656-03		
610966.43	4206554.03	15861.34182	0.00350	0.28588	3.40455E-05	3.53336-03	610966.43	4206554.03	15861.34182	0.00099	0.28588	3.40455E-05	1.02556-03		
610973.43	4206554.03	16002.12266	0.00353	0.27993	3.33369E-05	3.56366-03	610973.43	4206554.03	16002.12266	0.00100	0.27993	3.33369E-05	1.03366-03		
610994.43	4206554.03	16329.7448	0.00360	0.26257	3.12695E-05	3.63386-03	610994.43	4206554.03	16329.7448	0.00102	0.26257	3.12695E-05	1.05206-03		
611001.43	4206554.03	16408.19811	0.00362	0.25696	3.06014E-05	3.65056-03	611001.43	4206554.03	16408.19811	0.00103	0.25696	3.06014E-05	1.05636-03		
611008.43	4206554.03	16471.72822	0.00363	0.25145	2.99452E-05	3.66386-03	611008.43	4206554.03	16471.72822	0.00103	0.25145	2.99452E-05	1.05966-03		
611015.43	4206554.03	16520.76353	0.00364	0.24604	2.93009E-05	3.67406-03	611015.43	4206554.03	16520.76353	0.00103	0.24604	2.93009E-05	1.06206-03		
611022.43	4206554.03	16555.78917	0.00365	0.24072	2.86674E-05	3.68116-03	611022.43	4206554.03	16555.78917	0.00103	0.24072	2.86674E-05	1.06386-03		
611029.43	4206554.03	16577.1261	0.00366	0.23551	2.80469E-05	3.68526-03	611029.43	4206554.03	16577.1261	0.00104	0.23551	2.80469E-05	1.06436-03		
611036.43	4206554.03	16585.33661	0.00366	0.23040	2.74384E-05	3.68646-03	611036.43	4206554.03	16585.33661	0.00104	0.23040	2.74384E-05	1.06426-03		
611043.43	4206554.03	16581.01015	0.00366	0.22539	2.68417E-05	3.68486-03	611043.43	4206554.03	16581.01015	0.00104	0.22539	2.68417E-05	1.06336-03		
611050.43	4206554.03	16564.51558	0.00365	0.22048	2.62570E-05	3.68066-03	611050.43	4206554.03	16564.51558	0.00104	0.22048	2.62570E-05	1.06176-03		
611057.43	4206554.03	16536.53573	0.00365	0.21568	2.56854E-05	3.67396-03	611057.43	4206554.03	16536.53573	0.00103	0.21568	2.56854E-05	1.05946-03		
610294.43	4206561.03	1437.98099	0.00032	0.46600	5.54960E-05	3.72726-04	610294.43	4206561.03	1437.98099	0.00009	0.46600	5.54960E-05	1.45388-04		
610301.43	4206561.03	1464.67652	0.00032	0.46807	5.57425E-05	3.78876-04	610301.43	4206561.03	1464.67652	0.00009	0.46807	5.57425E-05	1.47408-04		
610308.43	4206561.03	1491.96882	0.00033	0.47011	5.59855E-05	3.85136-04	610308.43	4206561.03	1491.96882	0.00009	0.47011	5.59855E-05	1.49256-04		
610315.43	4206561.03	1520.13207	0.00034	0.47208	5.62201E-05	3.91586-04	610315.43	4206561.03	1520.13207	0.00010	0.47208	5.62201E-05	1.51246-04		
610322.43	4206561.03	1548.91035	0.00034	0.47404	5.64487E-05	3.98166-04	610322.43	4206561.03	1548.91035	0.00010	0.47404	5.64487E-05	1.53276-04		
610329.43	4206561.03	1578.4648	0.00035	0.47587	5.66714E-05	4.04906-04	610329.43	4206561.03	1578.4648	0.00010	0.47587	5.66714E-05	1.55346-04		
610336.43	4206561.03	1608.8575	0.00035	0.47767	5.68858E-05	4.11826-04	610336.43	4206561.03	1608.8575	0.00010	0.47767	5.68858E-05	1.57466-04		
610343.43	4206561.03	1639.9875	0.00036	0.47943	5.70954E-05	4.18906-04	610343.43	4206561.03	1639.9875	0.00010	0.47943	5.70954E-05	1.59616-04		
610350.43	4206561.03	1671.95385	0.00037	0.48110	5.72943E-05	4.26156-04	610350.43	4206561.03	1671.95385	0.00010	0.48110	5.72943E-05	1.61816-04		
610357.43	4206561.03	1704.61896	0.00038	0.48268	5.74824E-05	4.33546-04	610357.43	4206561.03	1704.61896	0.00011	0.48268	5.74824E-05	1.64046-04		
610364.43	4206561.03	1738.22269	0.00038	0.48416	5.76587E-05	4.41136-04	610364.43	4206561.03	1738.22269	0.00011	0.48416	5.76587E-05	1.66326-04		
610371.43	4206561.03	1772.50662	0.00039	0.48554	5.78230E-05	4.48866-04	610371.43	4206561.03	1772.50662	0.00011	0.48554	5.78230E-05	1.68626-04		
610378.43	4206561.03	1807.6006	0.00040	0.48683	5.79766E-05	4.56766-04	610378.43	4206561.03	1807.6006	0.00011	0.48683	5.79766E-05	1.70976-04		
610385.43	4206561.03	1843.57729	0.00041	0.48808	5.81255E-05	4.64846-04	610385.43	4206561.03	1843.57729	0.00012	0.48808	5.81255E-05	1.73376-04		
610392.43	4206561.03	1880.26254	0.00041	0.48925	5.82648E-05	4.73086-04	610392.43	4206561.03	1880.26254	0.00012	0.48925	5.82648E-05	1.75806-04		
610399.43	4206561.03	1917.81204	0.00042	0.49038	5.83994E-05	4.81506-04	610399.43	4206561.03	1917.81204	0.00012	0.49038	5.83994E-05	1.78286-04		
610406.43	4206561.03	1956.07565	0.00043	0.49143	5.85245E-05	4.90066-04	610406.43	4206561.03	1956.07565	0.00012	0.49143	5.85245E-05	1.80806-04		
610413.43	4206561.03	1995.69178	0.00044	0.49252	5.86543E-05	4.98936-04	610413.43	4206561.03	1995.69178	0.00012	0.49252	5.86543E-05	1.83416-04		
610420.43	4206561.03	2036.11348	0.00045	0.49355	5.87769E-05	5.07976-04	610420.43	4206561.03	2036.11348	0.00013	0.49355	5.87769E-05	1.86056-04		
610427.43	4206561.03	2077.26449	0.00046	0.49450	5.88901E-05	5.17166-04	610427.43	4206561.03	2077.26449	0.00013	0.49450	5.88901E-05	1.88746-04		
610434.43	4206561.03	2119.13326	0.00047	0.49536	5.89925E-05	5.26506-04	610434.43	4206561.03	2119.13326	0.00013	0.49536	5.89925E-05	1.91466-04		
610441.43	4206561.03	2161.78011	0.00048	0.49614	5.90854E-05	5.36006-04	610441.43	4206561.03	2161.78011	0.00014	0.49614	5.90854E-05	1.94226-04		
610448.43	4206561.03	2205.16061	0.00049	0.49684	5.91687E-05	5.45686-04	610448.43	4206561.03	2205.16061	0.00014	0.49684	5.91687E-05	1.97016-04		
610455.43	4206561.03	2249.29441	0.00050	0.49746	5.92426E-05	5.55476-04	610455.43	4206561.03	2249.29441	0.00014	0.49746	5.92426E-05	1.99856-04		
610462.43	4206561.03	2294.30319	0.00051	0.49799	5.93057E-05	5.65466-04	610462.43	4206561.03	2294.30319	0.00014	0.49799	5.93057E-05	2.02726-04		
610469.43	4206561.03	2340.10884	0.00052	0.49844	5.93593E-05	5.75626-04	610469.43	4206561.03	2340.10884	0.00015	0.49844	5.93593E-05	2.05646-04		
610497.43	4206561.03	2533.67604	0.00056	0.49940	5.94736E-05	6.18446-04	610497.43	4206561.03	2533.67604	0.00016	0.49940	5.94736E-05	2.17856-04		
610504.43	4206561.03	2585.28775	0.00057	0.49944	5.94784E-05	6.29816-04	610504.43	4206561.03	2585.28775	0.00016	0.49944	5.94784E-05	2.21096-04		
610511.43	4206561.03	2638.56829	0.00058	0.49939	5.94724E-05	6.41586-04	610511.43	4206561.03	2638.56829	0.00016	0.49939	5.94724E-05	2.24416-04		
610518.43	4206561.03	2693.17234	0.00059	0.49926	5.94569E-05	6.5374E-04	610518.43	4206561.03	2693.17234	0.00017	0.49926	5.94569E-05	2.27856-04		
610525.43	4206561.03	2751.15433	0.00061	0.49906	5.94331E-05	6.66386-04	610525.43	4206561.03	2751.15433	0.00017	0.49906	5.94331E-05	2.31416-04		
610532.43	4206561.03	2811.08346	0.00062	0.49877	5.93986E-05	6.79566-04	610532.43	4206561.03	2811.08346	0.00018	0.49877	5.93986E-05	2.35126-04		
610539.43	4206561.03	2873.80935	0.00063	0.49841	5.93557E-05	6.93166-04	610539.43	4206561.03	2873.80935	0.00018	0.49841	5.93557E-05	2.39006-04		
610546.43	4206561.03	2939.83125	0.00065	0.49797	5.93035E-05	7.07876-04	610546.43	4206561.03	2939.83125	0.00018	0.49797	5.93035E-05	2.43076-04		
610553.43	4206561.03	3009.45424	0.00066	0.49745	5.92414E-05	7.2317E-04	610553.43	4206561.03	3009.45424	0.00019	0.49745	5.92414E-05	2.47366-04		
610560.43	4206561.03	3084.08733	0.00068	0.49673	5.91556E-05	7.39556-04	610560.43	4206561.03	3084.08733	0.00020	0.49673	5.91556E-05	2.51946-04		
610567.43	4206561.03	3163.4584	0.00070	0.49591	5.90580E-05	7.56966-04	610567.43	4206561.03	3163.4584	0.00020	0.49591	5.90580E-05	2.56816-04		
610574.43	4206561.03	3248.07026	0.00072	0.49501	5.89508E-05	7.7552E-04	610574.43	4206561.03	3248.07026	0.00020	0.49501	5.89508E-05	2.61906-04		
610581.43	4206561.03	3338.0379	0.00074	0.49405	5.88365E-05	7.95256-04	610581.43	4206561.03	3338.0379	0.00021	0.49405	5.88365E-05	2.67506-04		
610588.43	4206561.03	3433.88565	0.00076	0.49301	5.87126E-05	8.1627E-04	610588.43	4206561.03	3433.88565	0.00021	0.49301	5.87126E-05	2.73176-04		
610595.43	4206561.03	3536.08171	0.00078	0.49188	5.85780E-05	8.38696-04	610595.43	4206561.03	3536.08171	0.00022	0.49188	5.85780E-05	2.79626-04		
610602.43	4206561.03	3644.52316	0.00080	0.49071	5.84387E-05	8.62476-04	610602.43	4206561.03	3644.52316	0.00023	0.49071	5.84387E-05	2.86266-04		
610609.43	4206561.03	3759.35949	0.00083	0.48946	5.82898E-05	8.87686-04	610609.43	4206561.03	3759.35949	0.00023	0.48946	5.82898E-05	2.93296-04		
610616.43	4206561.03	3880.68309	0.00085	0.48814	5.81326E-05	9.14266-04	610616.43	4206561.03	3880.68309	0.00024	0.48814	5.81326E-05	3.00716-04		
610623.43	4206561.03	4008.56519	0.00088	0.48673	5.79647E-05	9.42316-04	610623.43	4206561.03	4008.56519	0.00025	0.48673	5.79647E-05	3.08546-04		
610630.43	4206561.03	4143.0974	0.00091	0.48522	5.77849E-05	9.71816-04	610630.43	4206561.03	4143.0974	0.00026	0.48522	5.77849E-05	3.16776-04		
610637.43	4206561.03	4283.36003	0.00094	0.48364	5.75967E-05	1.00266-03	610637.43	4206561.03	4283.36003	0.00027	0.48364	5.75967E-05	3.25356-04		
610644.43	4206561.03	4429.91598	0.00098	0.48195	5.73955E-05	1.03476-03	610644.43	4206561.03	4429.91598	0.00028	0.48195	5.73955E-05	3.34316-04		
610651.43	4206561.03	4581.56487	0.00101	0.48017	5.71835E-05	1.06796-03	610651.43	4206561.03	4581.56487	0.00029	0.48017	5.71835E-05	3.43586-04		
610658.43	4206561.03	4738.50305	0.00105	0.47829	5.69596E-05	1.1023E-03	610658.43	4206561.03	4738.50305	0.00030	0.47829	5.69596E-05	3.53166-04		
610665.43	4206561.03	4901.01316	0.00108	0.47630	5.67226E-05	1.13806-03	610665.43	4206561.03	4901.01316	0.00031	0.47630	5.67226E-05	3.63096-04		
610672.43	4206561.03	5067.80663	0.00112	0.47422	5.64749E-05	1.17456-03	610672.43	4206561.03	5067.80663	0.00032	0.47422	5.64749E-05	3.73266-04		
610679.43	4206561.03	5240.04878	0.00116	0.47204	5.62153E-05	1.21226-03	610679.43	4206561.03	5240.04878	0.00033	0.47204	5.62153E-05	3.83776-04		
610686.43	4206561.03	5416.45999	0.00119	0.46975	5.59426E-05	1.25086-03	610686.43	4206561.03	5416.45999	0.00034	0.46975	5.59426E-05	3.94536-04		
610693.43	4206561.03	5598.62955	0.00124	0.46737	5.56591E-05	1.29086-03	610693.43	4206561.03	5598.62955	0.00035	0.46737	5.56591E-05	4.05636-04		
610700.43	4206561.03	5780.66578	0.00128	0.46492	5.53674E-05	1.33076-03	610700.43	4206561.03	5780.66578	0.00036	0.46492	5.53674E-05	4.16726-04		
610707.43	4206561.03	5961.40953	0.00132	0.46240	5.50673E-05	1.37026-03	610707.43	4206561.03	5961.40953	0.00037	0.46240	5.50673E-05	4.27356-04		
610714.43	4206561.03	6145.80822	0.00136	0.45977	5.47541E-05	1.41066-03	610714.43	4206561.03	6145.80822	0.00038	0.45977	5.47541E-05	4.38936-04		
610735.43	4206561.03	6724.1189	0.00148	0.45120	5.37335E-05	1.53726-03	610735.43	4206561.03	6724.1189	0.00042	0.45120	5.37335E-05	4.74066-04		
610742.43	4206561.03	6926.51397	0.00153	0.44811	5.33655E-05	1.58146-03	610742.43	4206561.03	6926.51397	0.00043	0.44811	5.33655E-05	4.86346-04		
610749.43	4206561.03	7134.48788	0.00157	0.44488	5.29808E-05	1.62606-03	610749.43	4206561.03	7134.48788	0.00045	0.44488	5.29808E-05	4.98066-04		
610756.43	4206561.03	7348.52673	0.00162	0.44151	5.25795E-05	1.67386-03	610756.43	4206561.03	7348.52673	0.00046	0.44151	5.25795E-05	5.11946-04		
610763.43	4206561.03	7569.12778	0.00167	0.43800	5.21615E-05	1.72206-03	610763.43	4206561.03	7569.12778	0.00047	0.43800	5.21615E-05	5.25316-04		
610770.43	4206561.03	7796.84913	0.00172	0.43433	5.17244E-05	1.77186-03	610770.43	4206561.03	7796.84913	0.00049	0.43433	5.17244E-05	5.39116-04		
610777.43	4206561.03	8031.95091	0.00177	0.43049	5.12671E-05	1.82326-03	610777.43	4206561.03	8031.95091	0.00050	0.43049	5.12671E-05	5.53356-04		
610784.43	4206561.03	8274.7636	0.00183	0.42649	5.07907E-05	1.87636-03	610784.43	4206561.03	8274.7636	0.00052	0.42649	5.07907E-05	5.68056-04		
610791.43	4206561.03	8525.3702	0.00188	0.42231	5.02929E-05	1.93116-03	610791.43	4206561.03	8525.3702	0.00053	0.42231	5.02929E-05	5.83226-04		
610798.43	4206561.03	8783.76193	0.00194	0.41797	4.97761E-05	1.98766-03	610798.43	4206561.03	8783.76193	0.00055	0.41797	4.97761E-05	5.98856-04		
610805.43	4206561.03	9049.79582	0.00200	0.41347	4.92402E-05	2.04576-03	610805.43	4206561.03	9049.79582	0.00057	0.41347	4.92402E-05	6.14946-04		
610812.43	4206561.03	9322.96587	0.00206	0.40880	4.86840E-05	2.10556-03	610812.43	4206561.03	9322.96587	0.00058	0.40880	4.86840E-05	6.31466-04		
610819.43	4206561.03	9602.89075	0.00212	0.40396	4.81076E-05	2.16666-03	610819.43	4206561.03	9602.89075	0.00060	0.40396	4.81076E-05	6.48396-04		
610826.43	4206561.03	9888.80546	0.00218	0.39898	4.75146E-05	2.22916-03	610826.43	4206561.03	9888.80546	0.00062	0.39898	4.75146E-05	6.65676-04		
610833.43	4206561.03	10179.96263	0.00225	0.39384	4.69025E-05	2.29276-03	610833.43	4206561.03	10179.96263	0.00064	0.39384	4.69025E-05	6.83256-04		
610840.43	4206561.03	10475.29473	0.00231	0.38856	4.62737E-05	2.3573E-03	610840.43	4206561.03	10475.29473	0.00065	0.38856	4.62737E-05	7.01096-04		
610847.43	4206561.03	10773.66078	0.00238	0.38316	4.56306E-05	2.42246-03	610847.43	4206561.03	10773.66078	0.00067	0.38316	4.56306E-05	7.19096-04		
610854.43	4206561.03	11073.72972	0.00244	0.37764	4.49732E-05	2.48806-03	610854.43	4206561.03	11073.72972	0.00069	0.37764	4.49732E-05	7.37186-04		
610861.43	4206561.03	11374.28484	0.00251	0.37202	4.43039E-05	2.55366-03	610861.43	4206561.03	11374.28484	0.00071	0.37202	4.43039E-05	7.55316-04		
610868.43	4206561.03	11673.8465	0.00258	0.36630	4.36227E-05	2.61936-03	610868.43	4206561.03	11673.8465	0.00073	0.36630	4.36227E-05	7.73366-04		
610875.43	4206561.03	11970.98853	0.00264	0.36051	4.29132E-05	2.68396-03	610875.43	4206561.03	11970.98853	0.00075	0.36051	4.29132E-05	7.91246-04		
610882.43	4206561.03	12264.26298	0.00271	0.35466	4.22365E-05	2.74796-03	610882.43	4206561.03	12264.26298	0.00077	0.35466	4.22365E-05	8.08886-04		
610889.43	4206561.03	12552.25379	0.00277	0.34875	4.15327E-05	2.81076-03	610889.43	4206561.03	12552.25379	0.00078	0.34875	4.15327E-05	8.26186-04		
610910.43	4206561.03	13371.64073	0.00295	0.33084	3.93998E-05	2.98946-03	610910.43	4206561.03	13371.64073	0.00084	0.33084	3.93998E-05	8.75266-04		
610917.43	4206561.03	13625.78307	0.00301	0.32485	3.86864E-05	3.04476-03	610917.43	4206561.03	13625.78307	0.00085	0.32485	3.86864E-05	8.90446-04		
610924.43	4206561.03	13869.57069	0.00306	0.31888	3.79755E-05	3.0978E-03	610924.43	4206561.03	13869.57069	0.00087	0.31888	3.79755E-05	9.04966-04		
610931.43	4206561.03	14101.52817	0.00311	0.31292	3.72657E-05	3.14836-03	610931.43	4206561.03	14101.52817	0.00088	0.31292	3.72657E-05	9.18756-04		
610938.43	4206561.03	14320.78867	0.00316	0.30699	3.65595E-05	3.19586-03	610938.43	4206561.03	14320.78867	0.00090	0.30699	3.65595E-05	9.31756-04		
610945.43	4206561.03	14526.73318	0.00320	0.30110	3.58580E-05	3.2407E-03	610945.43	4206561.03	14526.73318	0.00091	0.30110	3.58580E-05	9.43936-04		
610952.43	4206561.03	14718.8586	0.00325	0.29524	3.51602E-05	3.28216-03	610952.43	4206561.03	14718.8586	0.00092	0.29524	3.51602E-05	9.55246-04		
610959.43	4206561.03	14896.86434	0.00329	0.28944	3.44694E-05	3.32086-03	610959.43	4206561.03	14896.86434	0.00093	0.28944	3.44694E-05	9.65686-04		
610966.43	4206561.03	15060.40478	0.00332	0.28369	3.37847E-05	3.35636-03	610966.43	4206561.03	15060.40478	0.00094	0.28369	3.37847E-05	9.75216-04		
610973.43	4206561.03	15209.33709	0.00336	0.27800	3.31071E-05	3.38856-03	610973.43	4206561.03	15209.33709	0.00095	0.27800	3.31071E-05	9.83856-04		
610994.43	4206561.03	15568.64709	0.00347	0.26135	3.11242E-05	3.46586-03	610994.43	4206561.03	15568.64709	0.00097	0.26135	3.11242E-05	1.00436-03		
611001.43	4206561.03	15659.46826	0.00345	0.25595	3.04811E-05	3.48526-03	611001.43	4206561.03	15659.46826	0.00098	0.25595	3.04811E-05	1.00946-03		
611008.43	4206561.03	15736.23128	0.00347	0.25063	2.98476E-05	3.50156-03	611008.43	4206561.03	15736.23128	0.00098	0.25063	2.98476E-05	1.01356-03		
611015.43	4206561.03	15799.18853	0.00349	0.24541	2.92259E-05	3.51476-03	611015.43	4206561.03	15799.18853	0.00099	0.24541	2.92259E-05	1.01686-03		
611022.43	4206561.03	15848.68295	0.00350	0.24026	2.86126E-05	3.52586-03	611022.43	4206561.03	15848.68295	0.00099	0.24026	2.86126E-05	1.01936-03		
611029.43	4206561.03	15885.07215	0.00350	0.23521	2.80112E-05	3.53256-03	611029.43	4206561.03	15885.07215	0.00099	0.23521	2.80112E-05	1.02106-03		
611036.43	4206561.03	15908.90064	0.00351	0.23025	2.74205E-05	3.53716-03	611036.43	4206561.03	15908.90064	0.00099	0.23025	2.74205E-05	1.02196-03		
611043.43	4206561.03	15920.37848	0.00351	0.22538	2.68405E-05	3.53916-03	611043.43	4206561.03	15920.37848	0.00100	0.22538	2.68405E-05	1.02206-03		
611050.43	4206561.03	15920.10142	0.00351	0.22061	2.62725E-05	3.53856-03	611050.43	4206561.03	15920.10142	0.00100	0.22061	2.62725E-05	1.02146-03		
611057.43	4206561.03	15908.61582	0.00351	0.21593	2.57151E-05	3.53546-03	611057.43	4206561.03	15908.61582	0.00099	0.21593	2.57151E-05	1.02026-03		
610294.43	4206568.03	1410.3257	0.00031	0.45577	5.30868E-05	3.64226-04	610294.43	4206568.03	1410.3257	0.00009	0.44577	5.30868E-05	1.41256-04		
610301.43	4206568.03	1436.23976	0.00032	0.44782	5.33309E-05	3.70196-04	610301.43	4206568.03	1436.23976	0.00009	0.44782	5.33309E-05	1.43116-04		
610308.43	4206568.03	1462.7739	0.00032	0.44983	5.35703E-05	3.76286-04	610308.43	4206568.03	1462.7739	0.00009	0.44983	5.35703E-05	1.45016-04		
610315.43	4206568.03	1489.99963	0.00033	0.45179	5.38037E-05	3.82526-04	610315.43	4206568.03	1489.99963	0.00009	0.45179	5.38037E-05	1.46946-04		
610322.43	4206568.03	1518.02886	0.00033	0.45369	5.40300E-05	3.88936-04	610322.43	4206568.03	1518.02886	0.00009	0.45369	5.40300E-05	1.48926-04		
610329.43	4206568.03	1546.64901	0.00034	0.45554	5.42503E-05	3.95466-04	610329.43	4206568.03	1546.64901	0.00010	0.45554	5.42503E-05	1.50936-04		
610336.43	4206568.03	1576.12252	0.00035	0.45734	5.44647E-05	4.02186-04	610336.43	4206568.03	1576.12252	0.00010	0.45734	5.44647E-05	1.52996-04		
610343.43	4206568.03	1606.21751	0.00035	0.45908	5.46719E-05	4.09036-04	610343.43	4206568.03	1606.21751	0.00010	0.45908	5.46719E-05	1.55086-04		
610350.43	4206568.03	1637.10197	0.00036	0.46075	5.48708E-05	4.16046-04	610350.43	4206568.03	1637.10197	0.00010	0.46075	5.48708E-05	1.57216-04		
610357.43	4206568.03	1668.71843	0.00037	0.46233	5.50589E-05	4.23206-04	610357.43	4206568.03	1668.71843	0.00010	0.46233	5.50589E-05	1.59376-04		
610364.43	4206568.03	1701.00001	0.00038	0.46380	5.52340E-05	4.30506-04	610364.43	4206568.03	1701.00001	0.00011	0.46380	5.52340E-05	1.61566-04		
610371.43	4206568.03	1734.10459	0.00038	0.46519	5.53995E-05	4.37976-04	610371.43	4206568.03	1734.10459	0.00011	0.46519	5.53995E-05	1.63806-04		
610378.43	4206568.03	1767.91013	0.00039	0.46650	5.55555E-05	4.45586-04	610378.43	4206568.03	1767.91013	0.00011	0.46650	5.55555E-05	1.66076-04		
610385.43	4206568.03	1802.50356	0.00040	0.46776	5.57056E-05	4.5316E-04	610385.43	4206568.03	1802.50356	0.00011	0.46776	5.57056E-05	1.68386-04		
610392.43	4206568.03	1837.7148	0.00041	0.46895	5.58473E-05	4.6127E-04	610392.43	4206568.03	1837.7148	0.00011	0.46895	5.58473E-05	1.70726-04		
610399.43	4206568.03	1873.74752	0.00042	0.47009	5.59831E-05	4.69166-04	610399.43	4206568.03	1873.74752	0.00012	0.47009	5.59831E-05	1.73116-04		
610406.43	4206568.03	1910.41069	0.00042	0.47116	5.61105E-05	4.7757E-04	610406.43	4206568.03	1910.41069	0.00012	0.47116	5.61105E-05	1.75336-04		
610413.43	4206568.03	1948.3459

610994.43	4206568.03	14840.73917	0.00327	0.25988	3.09491E-05	3.30508-03	610994.43	4206568.03	14840.73917	0.00093	0.25988	3.09491E-05	9.5865E-04		
611001.43	4206568.03	14942.0331	0.00330	0.25469	3.03131E-05	3.3267E-03	611001.43	4206568.03	14942.0331	0.00093	0.25469	3.03131E-05	9.6436E-04		
611008.43	4206568.03	15030.09262	0.00332	0.24958	2.97225E-05	3.3456E-03	611008.43	4206568.03	15030.09262	0.00094	0.24958	2.97225E-05	9.6926E-04		
611015.43	4206568.03	15105.07221	0.00333	0.24454	2.91223E-05	3.3615E-03	611015.43	4206568.03	15105.07221	0.00094	0.24454	2.91223E-05	9.7334E-04		
611022.43	4206568.03	15167.23764	0.00335	0.23957	2.85304E-05	3.3746E-03	611022.43	4206568.03	15167.23764	0.00095	0.23957	2.85304E-05	9.7664E-04		
611029.43	4206568.03	15217.00207	0.00336	0.23469	2.79493E-05	3.3850E-03	611029.43	4206568.03	15217.00207	0.00095	0.23469	2.79493E-05	9.7917E-04		
611036.43	4206568.03	15254.48021	0.00337	0.22988	2.73764E-05	3.3927E-03	611036.43	4206568.03	15254.48021	0.00095	0.22988	2.73764E-05	9.8094E-04		
611043.43	4206568.03	15280.17316	0.00337	0.22516	2.68143E-05	3.3978E-03	611043.43	4206568.03	15280.17316	0.00096	0.22516	2.68143E-05	9.8198E-04		
611050.43	4206568.03	15294.50525	0.00337	0.22052	2.62618E-05	3.4004E-03	611050.43	4206568.03	15294.50525	0.00096	0.22052	2.62618E-05	9.8232E-04		
611057.43	4206568.03	15297.66055	0.00337	0.21596	2.57187E-05	3.4006E-03	611057.43	4206568.03	15297.66055	0.00096	0.21596	2.57187E-05	9.8198E-04		
611078.43	4206568.03	15245.49081	0.00336	0.20281	2.41527E-05	3.3875E-03	611078.43	4206568.03	15245.49081	0.00095	0.20281	2.41527E-05	9.7715E-04		
611085.43	4206568.03	15208.98859	0.00336	0.19860	2.36513E-05	3.3790E-03	611085.43	4206568.03	15208.98859	0.00095	0.19860	2.36513E-05	9.7437E-04		
611092.43	4206568.03	15163.53467	0.00335	0.19448	2.31606E-05	3.3684E-03	611092.43	4206568.03	15163.53467	0.00095	0.19448	2.31606E-05	9.7104E-04		
610294.43	4206575.03	1383.58353	0.00031	0.42665	5.08098E-05	5.56015E-04	610294.43	4206575.03	1383.58353	0.00009	0.42665	5.08098E-05	1.3730E-04		
610301.43	4206575.03	1408.70464	0.00031	0.42868	5.10516E-05	3.6181E-04	610301.43	4206575.03	1408.70464	0.00009	0.42868	5.10516E-05	1.3911E-04		
610308.43	4206575.03	1434.565	0.00032	0.43067	5.12885E-05	3.6777E-04	610308.43	4206575.03	1434.565	0.00009	0.43067	5.12885E-05	1.4096E-04		
610315.43	4206575.03	1461.00216	0.00032	0.43260	5.15184E-05	3.7384E-04	610315.43	4206575.03	1461.00216	0.00009	0.43260	5.15184E-05	1.4285E-04		
610322.43	4206575.03	1488.155	0.00033	0.43449	5.17435E-05	3.8005E-04	610322.43	4206575.03	1488.155	0.00009	0.43449	5.17435E-05	1.4477E-04		
610329.43	4206575.03	1515.93705	0.00033	0.43633	5.19626E-05	3.8640E-04	610329.43	4206575.03	1515.93705	0.00009	0.43633	5.19626E-05	1.4672E-04		
610336.43	4206575.03	1544.43533	0.00034	0.43811	5.21746E-05	3.9290E-04	610336.43	4206575.03	1544.43533	0.00010	0.43811	5.21746E-05	1.4872E-04		
610343.43	4206575.03	1573.54758	0.00035	0.43984	5.23806E-05	3.9953E-04	610343.43	4206575.03	1573.54758	0.00010	0.43984	5.23806E-05	1.5074E-04		
610350.43	4206575.03	1603.38242	0.00035	0.44150	5.25783E-05	4.0631E-04	610350.43	4206575.03	1603.38242	0.00010	0.44150	5.25783E-05	1.5281E-04		
610357.43	4206575.03	1633.9029	0.00036	0.44308	5.27664E-05	4.1321E-04	610357.43	4206575.03	1633.9029	0.00010	0.44308	5.27664E-05	1.5490E-04		
610364.43	4206575.03	1665.05864	0.00037	0.44466	5.29427E-05	4.2028E-04	610364.43	4206575.03	1665.05864	0.00010	0.44466	5.29427E-05	1.5703E-04		
610371.43	4206575.03	1696.97553	0.00037	0.44595	5.31082E-05	4.2748E-04	610371.43	4206575.03	1696.97553	0.00011	0.44595	5.31082E-05	1.5919E-04		
610378.43	4206575.03	1729.49885	0.00038	0.44727	5.32654E-05	4.3482E-04	610378.43	4206575.03	1729.49885	0.00011	0.44727	5.32654E-05	1.6138E-04		
610385.43	4206575.03	1762.72303	0.00039	0.44854	5.34167E-05	4.4230E-04	610385.43	4206575.03	1762.72303	0.00011	0.44854	5.34167E-05	1.6360E-04		
610392.43	4206575.03	1796.58132	0.00040	0.44974	5.35596E-05	4.4991E-04	610392.43	4206575.03	1796.58132	0.00011	0.44974	5.35596E-05	1.6586E-04		
610399.43	4206575.03	1831.11026	0.00040	0.45090	5.36977E-05	4.5767E-04	610399.43	4206575.03	1831.11026	0.00011	0.45090	5.36977E-05	1.6816E-04		
610406.43	4206575.03	1866.2357	0.00041	0.45198	5.38264E-05	4.6554E-04	610406.43	4206575.03	1866.2357	0.00012	0.45198	5.38264E-05	1.7049E-04		
610413.43	4206575.03	1902.49623	0.00042	0.45314	5.39645E-05	4.7368E-04	610413.43	4206575.03	1902.49623	0.00012	0.45314	5.39645E-05	1.7289E-04		
610420.43	4206575.03	1939.47931	0.00043	0.45425	5.40967E-05	4.8197E-04	610420.43	4206575.03	1939.47931	0.00012	0.45425	5.40967E-05	1.7533E-04		
610427.43	4206575.03	1976.99281	0.00044	0.45527	5.42182E-05	4.9037E-04	610427.43	4206575.03	1976.99281	0.00012	0.45527	5.42182E-05	1.7780E-04		
610434.43	4206575.03	2015.11402	0.00044	0.45621	5.43301E-05	4.9888E-04	610434.43	4206575.03	2015.11402	0.00013	0.45621	5.43301E-05	1.8030E-04		
610441.43	4206575.03	2053.80898	0.00045	0.45707	5.44325E-05	5.0753E-04	610441.43	4206575.03	2053.80898	0.00013	0.45707	5.44325E-05	1.8282E-04		
610448.43	4206575.03	2093.07237	0.00046	0.45784	5.45242E-05	5.1628E-04	610448.43	4206575.03	2093.07237	0.00013	0.45784	5.45242E-05	1.8536E-04		
610455.43	4206575.03	2133.03213	0.00047	0.45854	5.46076E-05	5.2518E-04	610455.43	4206575.03	2133.03213	0.00013	0.45854	5.46076E-05	1.8794E-04		
610462.43	4206575.03	2173.62958	0.00048	0.45915	5.46802E-05	5.3421E-04	610462.43	4206575.03	2173.62958	0.00014	0.45915	5.46802E-05	1.9055E-04		
610469.43	4206575.03	2214.93843	0.00049	0.45969	5.47445E-05	5.4339E-04	610469.43	4206575.03	2214.93843	0.00014	0.45969	5.47445E-05	1.9320E-04		
610497.43	4206575.03	2389.1952	0.00053	0.46110	5.49125E-05	5.8200E-04	610497.43	4206575.03	2389.1952	0.00015	0.46110	5.49125E-05	2.0426E-04		
610504.43	4206575.03	2435.6539	0.00054	0.46129	5.49351E-05	5.9227E-04	610504.43	4206575.03	2435.6539	0.00015	0.46129	5.49351E-05	2.0719E-04		
610511.43	4206575.03	2481.70278	0.00055	0.46139	5.49470E-05	6.0289E-04	610511.43	4206575.03	2481.70278	0.00016	0.46139	5.49470E-05	2.1028E-04		
610518.43	4206575.03	2533.46536	0.00056	0.46144	5.49529E-05	6.1387E-04	610518.43	4206575.03	2533.46536	0.00016	0.46144	5.49529E-05	2.1332E-04		
610525.43	4206575.03	2585.32684	0.00057	0.46140	5.49482E-05	6.2531E-04	610525.43	4206575.03	2585.32684	0.00016	0.46140	5.49482E-05	2.1656E-04		
610532.43	4206575.03	2639.53482	0.00058	0.46130	5.49363E-05	6.3725E-04	610532.43	4206575.03	2639.53482	0.00016	0.46130	5.49363E-05	2.1993E-04		
610539.43	4206575.03	2696.36542	0.00059	0.46112	5.49148E-05	6.4977E-04	610539.43	4206575.03	2696.36542	0.00017	0.46112	5.49148E-05	2.2347E-04		
610546.43	4206575.03	2756.11976	0.00061	0.46080	5.48874E-05	6.6293E-04	610546.43	4206575.03	2756.11976	0.00017	0.46089	5.48874E-05	2.2717E-04		
610553.43	4206575.03	2819.24283	0.00062	0.46057	5.48493E-05	6.7681E-04	610553.43	4206575.03	2819.24283	0.00018	0.46057	5.48493E-05	2.3108E-04		
610560.43	4206575.03	2886.99397	0.00064	0.46008	5.47910E-05	6.9170E-04	610560.43	4206575.03	2886.99397	0.00018	0.46008	5.47910E-05	2.3526E-04		
610567.43	4206575.03	2959.18401	0.00065	0.45949	5.47207E-05	7.0756E-04	610567.43	4206575.03	2959.18401	0.00018	0.45949	5.47207E-05	2.3970E-04		
610574.43	4206575.03	3035.77942	0.00067	0.45884	5.46433E-05	7.2438E-04	610574.43	4206575.03	3035.77942	0.00019	0.45884	5.46433E-05	2.4441E-04		
610581.43	4206575.03	3117.3392	0.00069	0.45812	5.45576E-05	7.4229E-04	610581.43	4206575.03	3117.3392	0.00019	0.45812	5.45576E-05	2.4942E-04		
610588.43	4206575.03	3204.23208	0.00070	0.45731	5.44611E-05	7.6136E-04	610588.43	4206575.03	3204.23208	0.00020	0.45731	5.44611E-05	2.5476E-04		
610595.43	4206575.03	3296.39479	0.00073	0.45645	5.43587E-05	7.8159E-04	610595.43	4206575.03	3296.39479	0.00021	0.45645	5.43587E-05	2.6042E-04		
610602.43	4206575.03	3394.36828	0.00075	0.45550	5.42455E-05	8.0388E-04	610602.43	4206575.03	3394.36828	0.00021	0.45550	5.42455E-05	2.6643E-04		
610609.43	4206575.03	3497.64828	0.00077	0.45450	5.41265E-05	8.2576E-04	610609.43	4206575.03	3497.64828	0.00022	0.45450	5.41265E-05	2.7277E-04		
610616.43	4206575.03	3606.78701	0.00080	0.45341	5.39966E-05	8.4970E-04	610616.43	4206575.03	3606.78701	0.00023	0.45341	5.39966E-05	2.7946E-04		
610623.43	4206575.03	3721.3225	0.00082	0.45227	5.38609E-05	8.7484E-04	610623.43	4206575.03	3721.3225	0.00023	0.45227	5.38609E-05	2.8648E-04		
610630.43	4206575.03	3841.83565	0.00085	0.45102	5.37120E-05	9.0127E-04	610630.43	4206575.03	3841.83565	0.00024	0.45102	5.37120E-05	2.9387E-04		
610637.43	4206575.03	3967.85443	0.00088	0.44968	5.35524E-05	9.2892E-04	610637.43	4206575.03	3967.85443	0.00025	0.44968	5.35524E-05	3.0158E-04		
610644.43	4206575.03	4098.59926	0.00090	0.44827	5.33845E-05	9.5759E-04	610644.43	4206575.03	4098.59926	0.00026	0.44827	5.33845E-05	3.0959E-04		
610651.43	4206575.03	4234.35254	0.00093	0.44677	5.32059E-05	9.8736E-04	610651.43	4206575.03	4234.35254	0.00026	0.44677	5.32059E-05	3.1790E-04		
610658.43	4206575.03	4374.59228	0.00097	0.44518	5.30165E-05	1.0181E-03	610658.43	4206575.03	4374.59228	0.00027	0.44518	5.30165E-05	3.2647E-04		
610665.43	4206575.03	4519.00707	0.00100	0.44351	5.28177E-05	1.0498E-03	610665.43	4206575.03	4519.00707	0.00028	0.44351	5.28177E-05	3.3530E-04		
610672.43	4206575.03	4666.83339	0.00103	0.44176	5.26092E-05	1.0822E-03	610672.43	4206575.03	4666.83339	0.00029	0.44176	5.26092E-05	3.4431E-04		
610679.43	4206575.03	4819.09362	0.00106	0.43992	5.23801E-05	1.1155E-03	610679.43	4206575.03	4819.09362	0.00030	0.43992	5.23801E-05	3.5363E-04		
610686.43	4206575.03	4975.31074	0.00110	0.43799	5.21603E-05	1.1498E-03	610686.43	4206575.03	4975.31074	0.00031	0.43799	5.21603E-05	3.6317E-04		
610693.43	4206575.03	5134.58501	0.00113	0.43601	5.19435E-05	1.1847E-03	610693.43	4206575.03	5134.58501	0.00032	0.43601	5.19435E-05	3.7289E-04		
610700.43	4206575.03	5290.49163	0.00117	0.43396	5.16803E-05	1.2188E-03	610700.43	4206575.03	5290.49163	0.00033	0.43396	5.16803E-05	3.8239E-04		
610707.43	4206575.03	5447.2178	0.00120	0.43186	5.14303E-05	1.2532E-03	610707.43	4206575.03	5447.2178	0.00034	0.43186	5.14303E-05	3.9194E-04		
610714.43	4206575.03	5606.46577	0.00124	0.42967	5.11695E-05	1.2888E-03	610714.43	4206575.03	5606.46577	0.00035	0.42967	5.11695E-05	4.0161E-04		
610735.43	4206575.03	6102.02282	0.00135	0.42254	5.03203E-05	1.3965E-03	610735.43	4206575.03	6102.02282	0.00038	0.42254	5.03203E-05	4.3176E-04		
610742.43	4206575.03	6274.24398	0.00138	0.41997	5.00143E-05	1.4342E-03	610742.43	4206575.03	6274.24398	0.00039	0.41997	5.00143E-05	4.4222E-04		
610749.43	4206575.03	6450.69035	0.00142	0.41729	4.96951E-05	1.4728E-03	610749.43	4206575.03	6450.69035	0.00040	0.41729	4.96951E-05	4.5293E-04		
610756.43	4206575.03	6631.88284	0.00146	0.41449	4.93617E-05	1.5124E-03	610756.43	4206575.03	6631.88284	0.00041	0.41449	4.93617E-05	4.6392E-04		
610763.43	4206575.03	6818.34228	0.00150	0.41158	4.90151E-05	1.5532E-03	610763.43	4206575.03	6818.34228	0.00043	0.41158	4.90151E-05	4.7520E-04		
610770.43	4206575.03	7010.55225	0.00155	0.40855	4.86543E-05	1.5953E-03	610770.43	4206575.03	7010.55225	0.00044	0.40855	4.86543E-05	4.8689E-04		
610777.43	4206575.03	7208.88977	0.00159	0.40537	4.82756E-05	1.6387E-03	610777.43	4206575.03	7208.88977	0.00045	0.40537	4.82756E-05	4.9890E-04		
610784.43	4206575.03	7413.89273	0.00164	0.40204	4.78790E-05	1.6835E-03	610784.43	4206575.03	7413.89273	0.00046	0.40204	4.78790E-05	5.1132E-04		
610791.43	4206575.03	7625.63659	0.00168	0.39859	4.74681E-05	1.7298E-03	610791.43	4206575.03	7625.63659	0.00048	0.39859	4.74681E-05	5.2415E-04		
610798.43	4206575.03	7844.40437	0.00173	0.39499	4.70394E-05	1.7776E-03	610798.43	4206575.03	7844.40437	0.00049	0.39499	4.70394E-05	5.3739E-04		
610805.43	4206575.03	8070.16375	0.00178	0.39125	4.65940E-05	1.8270E-03	610805.43	4206575.03	8070.16375	0.00050	0.39125	4.65940E-05	5.5106E-04		
610812.43	4206575.03	8302.71976	0.00183	0.38736	4.61307E-05	1.8778E-03	610812.43	4206575.03	8302.71976	0.00052	0.38736	4.61307E-05	5.6514E-04		
610819.43	4206575.03	8541.94042	0.00188	0.38334	4.56520E-05	1.9301E-03	610819.43	4206575.03	8541.94042	0.00053	0.38334	4.56520E-05	5.7961E-04		
610826.43	4206575.03	8787.37844	0.00194	0.37917	4.51554E-05	1.9838E-03	610826.43	4206575.03	8787.37844	0.00055	0.37917	4.51554E-05	5.9446E-04		
610833.43	4206575.03	9038.51709	0.00199	0.37486	4.46422E-05	2.0387E-03	610833.43	4206575.03	9038.51709	0.00056	0.37486	4.46422E-05	6.0964E-04		
610840.43	4206575.03	9294.70093	0.00205	0.37043	4.41146E-05	2.0947E-03	610840.43	4206575.03	9294.70093	0.00058	0.37043	4.41146E-05	6.2513E-04		
610847.43	4206575.03	9554.97529	0.00211	0.36587	4.35715E-05	2.1515E-03	610847.43	4206575.03	9554.97529	0.00060	0.36587	4.35715E-05	6.4085E-04		
610854.43	4206575.03	9818.53957	0.00217	0.36119	4.30142E-05	2.2091E-03	610854.43	4206575.03	9818.53957	0.00061	0.36119	4.30142E-05	6.5677E-04		
610861.43	4206575.03	10084.30479	0.00222	0.35641	4.24449E-05	2.2672E-03	610861.43	4206575.03	10084.30479	0.00063	0.35641	4.24449E-05	6.7282E-04		
610868.43	4206575.03	10351.07659	0.00228	0.35152	4.18626E-05	2.3255E-03	610868.43	4206575.03	10351.07659	0.00065	0.35152	4.18626E-05	6.8891E-04		
610875.43	4206575.03	10617.80179	0.00234	0.34656	4.12719E-05	2.3837E-03	610875.43	4206575.03	10617.80179	0.00066	0.34656	4.12719E-05	7.0499E-04		
610882.43	4206575.03	10883.42262	0.00240	0.34151	4.06705E-05	2.4417E-03	610882.43	4206575.03	10883.42262	0.00068	0.34151	4.06705E-05	7.2108E-04		
610889.43	4206575.03	11146.49055	0.00246	0.33640	4.00619E-05	2.4991E-03	610889.43	4206575.03	11146.49055	0.00070	0.33640	4.00619E-05	7.3683E-04		
610910.43	4206575.03	11908.87997	0.00263	0.32076	3.81993E-05	2.6655E-03	610910.43	4206575.03	11908.87997	0.00074	0.32076	3.81993E-05	7.8263E-04		
610917.43	4206575.03	12150.48246	0.00268	0.31548	3.75705E-05	2.7181E-03	610917.43	4206575.03	12150.48246	0.00076	0.31548	3.75705E-05	7.9710E-04		
610924.43	4206575.03	12384.63017	0.00273	0.31020	3.69418E-05	2.7692E-03	610924.43	4206575.03	12384.63017	0.00077	0.31020	3.69418E-05	8.1111E-04		
610931.43	4206575.03	12610.23044	0.00278	0.30490	3.63106E-05	2.8183E-03	610931.43	4206575.03	12610.23044	0.00079	0.30490	3.63106E-05	8.2458E-04		
610938.43	4206575.03	12826.11748	0.00283	0.29962	3.56818E-05	2.8653E-03	610938.43	4206575.03	12826.11748	0.00080	0.29962	3.56818E-05	8.3744E-04		
610945.43	4206575.03	13031.9248	0.00288	0.29434	3.50530E-05	2.9101E-03	610945.43	4206575.03	13031.9248	0.00081	0.29434	3.50530E-05	8.4968E-04		
610952.43	4206575.03	13226.67929	0.00292	0.28907	3.44254E-05	2.9524E-03	610952.43	4206575.03	13226.67929	0.00083	0.28907	3.44254E-05	8.6123E-04		
610959.43	4206575.03	13410.11245	0.00296	0.28383	3.38013E-05	2.9923E-03	610959.43	4206575.03	13410.11245	0.00084	0.28383	3.38013E-05	8.7207E-04		
610966.43	4206575.03	13581.74763	0.00300	0.27862	3.31809E-05	3.0295E-03	610966.43	4206575.03	13581.74763	0.00085	0.27862	3.31809E-05	8.8218E-04		
610973.43	4206575.03	13741.48342	0.00303	0.27345	3.25652E-05	3.0641E-03	610973.43	4206575.03	13741.48342	0.00086	0.27345	3.25652E-05	8.9155E-04		
610994.43	4206575.03	14146.0835	0.00312	0.25820	3.07401E-05	3.1516E-03	610994.43	4206575.03	14146.0835	0.00088	0.25820	3.07401E-05	9.1502E-04		
611001.43	4206575.03	14256.00082	0.00315	0.25322	3.01560E-05	3.1752E-03	611001.43	4206575.03	14256.00082	0.00089	0.25322	3.01560E-05	9.2130E-04		
611008.43	4206575.03	14353.50708	0.00317	0.24830	2.95701E-05	3.1962E-03	611008.43	4206575.03	14353.50708	0.00090	0.24830	2.95701E-05	9.2681E-04		
611015.43	4206575.03	14438.69545	0.00319	0.24345	2.89925E-05	3.2144E-03	611015.43	4206575.03	14438.69545	0.00090	0.24345	2.89925E-05	9.3156E-04		
611022.43	4206575.03	14511.76339	0.00320	0.23866	2.84220E-05	3.2299E-03	611022.43	4206575.03	14511.76339	0.00091	0.23866	2.84220E-05	9.3556E-04		
611029.43	4206575.03	14572.78998	0.00321	0.23394	2.78599E-05	3.2428E-03	611029.43	4206575.03	14572.78998	0.00091	0.23394	2.78599E-05	9.3882E-04		
611036.43	4206575.03	14622.50141	0.00323	0.22929	2.73062E-05	3.2532E-03	611036.43	4206575.03	14622.50141	0.00091	0.22929	2.73062E-05	9.4136E-04		
611043.43	4206575.03	14660.7921	0.00323	0.22472	2.67619E-05	3.2611E-03	611043.43	4206575.03	14660.7921	0.00092	0.22472	2.67619E-05	9.4321E-04		
611050.43	4206575.03	14687.9079	0.00324	0.22022	2.62260E-05	3.2666E-03	611050.43	4206575.03	14687.9079	0.00092	0.22022	2.62260E-05	9.4437E-04		
611057.43	4206575.03	14704.48331	0.00324	0.21579	2.56985E-05	3.2697E-03	611057.43	4206575.03	14704.48331	0.00092	0.21579	2.56985E-05	9.4488E-04		
611078.43	4206575.03	14693.72928	0.00324	0.20299	2.41741E-05	3.2658E-03	611078.43	4206575.03	14693.72928	0.00092	0.20299	2.41741E-05	9.4268E-04		
611085.43	4206575.03	14671.26314	0.00324	0.19888	2.36846E-05	3.2604E-03	611085.43	4206575.03	14671.26314	0.00092	0.19888	2.36846E-05	9.4079E-04		
611092.43	4206575.03	14640.07257	0.00323	0.19484	2.32035E-05	3.2530E-03	611092.43	4206575.03	14640.07257	0.00092	0.19484	2.32035E-05	9.3836E-04		
610294.43	4206582.03	1357.74217	0.00030	0.42855	4.86543E-05	5.4819E-04	610294.43	4206582.03	1357.74217	0.00008	0.42855	4.86543E-05	1.3353E-04		
610301.43	4206582.03	1382.18603	0.00030	0.43056	4.88936E-05	3.5382E-04	610301.43	4206582.03	1382.18603	0.00009	0.43056	4.88936E-05	1.3529E-04		
610308.43	4206582.03	1407.28916	0.00031	0.43253	4.91282E-05	3.5960E-04	610308.43	4206582.03	1407.28916	0.00009	0.43253	4.91282E-05	1.3710E-04		
610315.43	4206582.03	1432.93599	0.00032	0.43444	4.93557E-05	3.6548E-04	610315.43	4206582.03	1432.93599	0.00009	0.43444	4.93557E-05	1.3893E-04		
610322.43	4206582.03	1459.29855	0.00032	0.43632	4.95796E-05	3.7152E-04	610322.43	4206582.03	1459.29855	0.00009	0.43632	4.95796E-05	1.4080E-04		
610329.43	4206582.03	1486.17531	0.00033	0.43814	4.97963E-05	3.7767E-04	610329.43	4206582.03	1486.17531	0.00009	0.43814	4.97963E-05	1.4270E-04		
610336.43	4206582.03	1513.72417	0.00033	0.43991	5.00071E-05	3.8396E-04	610336.43	4206582.03	1513.72417	0.00009	0.43991	5.00071E-05	1.4463E-04		
610343.43	4206582.03	1541.96596	0.00034	0.42163	5.02120E-05	3.9039E-04	610343.43	4206582.03	1541.96596	0.00010	0.42163	5.02120E-05	1.4660E-04		
610350.43	4206582.03	1570.73833	0.00035	0.42328	5.04085E-05	3.9693E-04	610350.43	4206582.03	1570.73833	0.00010	0.42328	5.04085E-05	1.4860E-04		
610357.43	4206582.03	1600.22487	0.00035	0.42486	5.05966E-05	4.0363E-04	610357.43	4206582.03	1600.22487	0.00010	0.42486	5.05966E-05	1.5063E-04		
610364.43	4206582.03	1630.29358	0.00036	0.42633	5.07717E-05	4.1044E-04	610364.43	4206582.03	1630.29358	0.00010	0.42633	5.07717E-05	1.5268E-04		
610371.43	4206582.03	1661.00444	0.00037	0.42774	5.09396E-05	4.1738E-04	610371.43	4206582.03	1661.00444	0.00010	0.42774	5.09396E-05	1.5477E-04		
610378.43	4206582.03	1692.29498	0.00037	0.42906	5.10968E-05	4.2444E-04	610378.43	4206582.03	1692.29498	0.00011	0.42906	5.10968E-05	1.5688E-04		
610385.43	4206582.03	1724.23758	0.00038	0.43035	5.12504E-05	4.3164E-04	610385.43	4206582.03	1724.23758	0.00011	0.43035	5.12504E-05	1.5903E-04		
610392.43	4206582.03	1756.72861	0.00039	0.43156	5.13945E-05	4.3895E-04	610392.43	4206582.03	1756.72861	0.00011	0.43156	5.13945E-05	1.6121E-04		
610399.43	4206582.03	1789.78384	0.00039	0.43271	5.15315E-05	4.4638E-04	610399.43	4206582.03	1789.78384	0.00011	0.43271	5.15315E-05	1.6341E-04		
610406.43	4206582.03	1823.45724	0.00040	0.43383	5.16649E-05	4.5394E-04	610406.43	4206582.03	1823.45724	0.00011	0.43383	5.16649E-05	1.6565E-04		
610413.43	4206582.03	1858.19492	0.00041	0.43502	5.18066E-05	4.6175E-04	610413.43	4206582.03	1858.19492	0.00012	0.43502	5.18066E-05	1.6796E-04		
610420.43	4206

611015.43	4206582.03	13799.54436	0.00304	0.24216	2.88389E-05	3.0732E-03	611015.43	4206582.03	13799.54436	0.00086	0.24216	2.88389E-05	8.9145E-04		
611022.43	4206582.03	13881.8884	0.00306	0.23755	2.8289E-05	3.0908E-03	611022.43	4206582.03	13881.8884	0.00087	0.23755	2.8289E-05	8.9605E-04		
611029.43	4206582.03	13951.03488	0.00308	0.23300	2.7748E-05	3.1060E-03	611029.43	4206582.03	13951.03488	0.00087	0.23300	2.7748E-05	8.9995E-04		
611036.43	4206582.03	14013.12711	0.00309	0.22851	2.7213E-05	3.1187E-03	611036.43	4206582.03	14013.12711	0.00088	0.22851	2.7213E-05	9.0318E-04		
611043.43	4206582.03	14062.32886	0.00310	0.22408	2.6685E-05	3.1290E-03	611043.43	4206582.03	14062.32886	0.00088	0.22408	2.6685E-05	9.0572E-04		
611050.43	4206582.03	14100.94251	0.00311	0.21972	2.6165E-05	3.1370E-03	611050.43	4206582.03	14100.94251	0.00088	0.21972	2.6165E-05	9.0762E-04		
611057.43	4206582.03	14129.37046	0.00312	0.21543	2.5655E-05	3.1428E-03	611057.43	4206582.03	14129.37046	0.00088	0.21543	2.5655E-05	9.0889E-04		
611078.43	4206582.03	14155.93998	0.00312	0.20298	2.4172E-05	3.1472E-03	611078.43	4206582.03	14155.93998	0.00088	0.20298	2.4172E-05	9.0906E-04		
611085.43	4206582.03	14146.36432	0.00312	0.19897	2.3695E-05	3.1446E-03	611085.43	4206582.03	14146.36432	0.00088	0.19897	2.3695E-05	9.0799E-04		
611092.43	4206582.03	14128.24683	0.00312	0.19503	2.3226E-05	3.1401E-03	611092.43	4206582.03	14128.24683	0.00088	0.19503	2.3226E-05	9.0639E-04		
610294.43	4206589.03	1332.76106	0.00029	0.39141	4.6611E-05	3.4064E-04	610294.43	4206589.03	1332.76106	0.00008	0.39141	4.6611E-05	1.2992E-04		
610301.43	4206589.03	1356.49112	0.00030	0.39339	4.6848E-05	3.4611E-04	610301.43	4206589.03	1356.49112	0.00008	0.39339	4.6848E-05	1.3164E-04		
610308.43	4206589.03	1380.89019	0.00030	0.39534	4.7081E-05	3.5172E-04	610308.43	4206589.03	1380.89019	0.00009	0.39534	4.7081E-05	1.3340E-04		
610315.43	4206589.03	1405.78024	0.00031	0.39724	4.7307E-05	3.5744E-04	610315.43	4206589.03	1405.78024	0.00009	0.39724	4.7307E-05	1.3518E-04		
610322.43	4206589.03	1431.25255	0.00032	0.39909	4.7527E-05	3.6328E-04	610322.43	4206589.03	1431.25255	0.00009	0.39909	4.7527E-05	1.3700E-04		
610329.43	4206589.03	1457.3883	0.00032	0.40090	4.7743E-05	3.6926E-04	610329.43	4206589.03	1457.3883	0.00009	0.40090	4.7743E-05	1.3884E-04		
610336.43	4206589.03	1484.0424	0.00033	0.40266	4.7952E-05	3.7535E-04	610336.43	4206589.03	1484.0424	0.00009	0.40266	4.7952E-05	1.4072E-04		
610343.43	4206589.03	1511.32731	0.00033	0.40437	4.8156E-05	3.8158E-04	610343.43	4206589.03	1511.32731	0.00009	0.40437	4.8156E-05	1.4263E-04		
610350.43	4206589.03	1539.14	0.00034	0.40601	4.8351E-05	3.8791E-04	610350.43	4206589.03	1539.14	0.00010	0.40601	4.8351E-05	1.4456E-04		
610357.43	4206589.03	1567.61021	0.00035	0.40758	4.8538E-05	3.9438E-04	610357.43	4206589.03	1567.61021	0.00010	0.40758	4.8538E-05	1.4653E-04		
610364.43	4206589.03	1596.53957	0.00035	0.40906	4.8715E-05	4.0093E-04	610364.43	4206589.03	1596.53957	0.00010	0.40906	4.8715E-05	1.4851E-04		
610371.43	4206589.03	1626.14993	0.00036	0.41047	4.88829E-05	4.0761E-04	610371.43	4206589.03	1626.14993	0.00010	0.41047	4.88829E-05	1.5053E-04		
610378.43	4206589.03	1656.23356	0.00037	0.41180	4.9041E-05	4.1441E-04	610378.43	4206589.03	1656.23356	0.00010	0.41180	4.9041E-05	1.5257E-04		
610385.43	4206589.03	1686.86898	0.00037	0.41308	4.9197E-05	4.2114E-04	610385.43	4206589.03	1686.86898	0.00011	0.41308	4.9197E-05	1.5464E-04		
610392.43	4206589.03	1718.07823	0.00038	0.41431	4.9340Z-05	4.2837E-04	610392.43	4206589.03	1718.07823	0.00011	0.41431	4.9340Z-05	1.5674E-04		
610399.43	4206589.03	1749.76912	0.00039	0.41548	4.9479E-05	4.3550E-04	610399.43	4206589.03	1749.76912	0.00011	0.41548	4.9479E-05	1.5886E-04		
610406.43	4206589.03	1782.03898	0.00039	0.41661	4.9614E-05	4.4275E-04	610406.43	4206589.03	1782.03898	0.00011	0.41661	4.9614E-05	1.6101E-04		
610413.43	4206589.03	1815.26043	0.00040	0.41784	4.9760I6E-05	4.5023E-04	610413.43	4206589.03	1815.26043	0.00011	0.41784	4.9760I6E-05	1.6320E-04		
610420.43	4206589.03	1848.97493	0.00041	0.41901	4.9899I6E-05	4.5781E-04	610420.43	4206589.03	1848.97493	0.00012	0.41901	4.9899I6E-05	1.6548E-04		
610427.43	4206589.03	1883.14953	0.00042	0.42008	5.0027I4E-05	4.6548E-04	610427.43	4206589.03	1883.14953	0.00012	0.42008	5.0027I4E-05	1.6774E-04		
610434.43	4206589.03	1917.78306	0.00042	0.42109	5.0147I7E-05	4.7324E-04	610434.43	4206589.03	1917.78306	0.00012	0.42109	5.0147I7E-05	1.7003E-04		
610441.43	4206589.03	1952.91108	0.00043	0.42202	5.0258I4E-05	4.8110E-04	610441.43	4206589.03	1952.91108	0.00012	0.42202	5.0258I4E-05	1.7234E-04		
610448.43	4206589.03	1988.52344	0.00044	0.42288	5.0360I8E-05	4.8900E-04	610448.43	4206589.03	1988.52344	0.00012	0.42288	5.0360I8E-05	1.7466E-04		
610455.43	4206589.03	2024.64226	0.00045	0.42364	5.0453I8E-05	4.9712E-04	610455.43	4206589.03	2024.64226	0.00013	0.42364	5.0453I8E-05	1.7701E-04		
610462.43	4206589.03	2061.31933	0.00045	0.42433	5.0533I5E-05	5.0529E-04	610462.43	4206589.03	2061.31933	0.00013	0.42433	5.0533I5E-05	1.7939E-04		
610469.43	4206589.03	2098.6761	0.00046	0.42494	5.0606Z6-05	5.1360E-04	610469.43	4206589.03	2098.6761	0.00013	0.42494	5.0606Z6-05	1.8179E-04		
610497.43	4206589.03	2255.94668	0.00050	0.42674	5.0820S6-05	5.4851E-04	610497.43	4206589.03	2255.94668	0.00014	0.42674	5.0820S6-05	1.9184E-04		
610504.43	4206589.03	2297.9692	0.00051	0.42705	5.0857I4E-05	5.5782E-04	610504.43	4206589.03	2297.9692	0.00014	0.42705	5.0857I4E-05	1.9450E-04		
610511.43	4206589.03	2341.42846	0.00052	0.42729	5.0886I0E-05	5.6744E-04	610511.43	4206589.03	2341.42846	0.00015	0.42729	5.0886I0E-05	1.9725E-04		
610518.43	4206589.03	2386.60899	0.00053	0.42746	5.0906I3E-05	5.7742E-04	610518.43	4206589.03	2386.60899	0.00015	0.42746	5.0906I3E-05	2.0009E-04		
610525.43	4206589.03	2433.64874	0.00054	0.42758	5.0920I6E-05	5.8782E-04	610525.43	4206589.03	2433.64874	0.00015	0.42758	5.0920I6E-05	2.0305E-04		
610532.43	4206589.03	2482.82955	0.00055	0.42763	5.0926I5E-05	5.9867E-04	610532.43	4206589.03	2482.82955	0.00016	0.42763	5.0926I5E-05	2.0615E-04		
610539.43	4206589.03	2534.51195	0.00056	0.42763	5.0926I5E-05	6.1007E-04	610539.43	4206589.03	2534.51195	0.00016	0.42763	5.0926I5E-05	2.0936E-04		
610546.43	4206589.03	2588.95446	0.00057	0.42755	5.0917I0E-05	6.2208E-04	610546.43	4206589.03	2588.95446	0.00016	0.42755	5.0917I0E-05	2.1275E-04		
610553.43	4206589.03	2646.39833	0.00058	0.42741	5.0900I3E-05	6.3473E-04	610553.43	4206589.03	2646.39833	0.00017	0.42741	5.0900I3E-05	2.1633E-04		
610560.43	4206589.03	2708.19707	0.00060	0.42712	5.0865I8E-05	6.4833E-04	610560.43	4206589.03	2708.19707	0.00017	0.42712	5.0865I8E-05	2.2016E-04		
610567.43	4206589.03	2773.86402	0.00061	0.42676	5.0822I9E-05	6.6278E-04	610567.43	4206589.03	2773.86402	0.00017	0.42676	5.0822I9E-05	2.2422E-04		
610574.43	4206589.03	2843.63128	0.00063	0.42633	5.0771I7E-05	6.7812E-04	610574.43	4206589.03	2843.63128	0.00018	0.42633	5.0771I7E-05	2.2853E-04		
610581.43	4206589.03	2917.84617	0.00064	0.42582	5.0711I0E-05	6.9443E-04	610581.43	4206589.03	2917.84617	0.00018	0.42582	5.0711I0E-05	2.3311E-04		
610588.43	4206589.03	2996.68522	0.00066	0.42525	5.0643I5E-05	7.1175E-04	610588.43	4206589.03	2996.68522	0.00019	0.42525	5.0643I5E-05	2.3797E-04		
610595.43	4206589.03	3080.25354	0.00068	0.42461	5.0566I9E-05	7.3011E-04	610595.43	4206589.03	3080.25354	0.00019	0.42461	5.0566I9E-05	2.4311E-04		
610602.43	4206589.03	3168.6875	0.00070	0.42390	5.0482I3E-05	7.4954E-04	610602.43	4206589.03	3168.6875	0.00020	0.42390	5.0482I3E-05	2.4858E-04		
610609.43	4206589.03	3261.97453	0.00072	0.42312	5.0384I4E-05	7.7053E-04	610609.43	4206589.03	3261.97453	0.00020	0.42312	5.0384I4E-05	2.5438E-04		
610616.43	4206589.03	3360.03228	0.00074	0.42227	5.0282I2E-05	7.9156E-04	610616.43	4206589.03	3360.03228	0.00021	0.42227	5.0282I2E-05	2.6032E-04		
610623.43	4206589.03	3462.85959	0.00076	0.42135	5.0178E6-05	8.1455E-04	610623.43	4206589.03	3462.85959	0.00021	0.42135	5.0178E6-05	2.6651E-04		
610630.43	4206589.03	3571.24278	0.00079	0.42032	5.0056E0-05	8.3792E-04	610630.43	4206589.03	3571.24278	0.00022	0.42032	5.0056E0-05	2.7330E-04		
610637.43	4206589.03	3684.62125	0.00081	0.41920	4.9922E6-05	8.6280E-04	610637.43	4206589.03	3684.62125	0.00023	0.41920	4.9922E6-05	2.8025E-04		
610644.43	4206589.03	3802.28877	0.00084	0.41801	4.9780I9E-05	8.8862E-04	610644.43	4206589.03	3802.28877	0.00024	0.41801	4.9780I9E-05	2.8746E-04		
610651.43	4206589.03	3923.95819	0.00087	0.41675	4.9630I8E-05	9.1531E-04	610651.43	4206589.03	3923.95819	0.00025	0.41675	4.9630I8E-05	2.9492E-04		
610658.43	4206589.03	4049.6977	0.00089	0.41540	4.9470I8E-05	9.4289E-04	610658.43	4206589.03	4049.6977	0.00025	0.41540	4.9470I8E-05	3.0262E-04		
610665.43	4206589.03	4178.5291	0.00092	0.41399	4.9302I1E-05	9.7114E-04	610665.43	4206589.03	4178.5291	0.00026	0.41399	4.9302I1E-05	3.1050E-04		
610672.43	4206589.03	4310.61086	0.00095	0.41251	4.9125I9E-05	1.0001E-03	610672.43	4206589.03	4310.61086	0.00027	0.41251	4.9125I9E-05	3.1858E-04		
610679.43	4206589.03	4445.71366	0.00098	0.41096	4.8941I8-05	1.0297E-03	610679.43	4206589.03	4445.71366	0.00028	0.41096	4.8941I3E-05	3.2684E-04		
610686.43	4206589.03	4584.01525	0.00101	0.40934	4.8748I3E-05	1.0600E-03	610686.43	4206589.03	4584.01525	0.00029	0.40934	4.8748I3E-05	3.3530E-04		
610693.43	4206589.03	4725.31543	0.00104	0.40766	4.8548I3E-05	1.0910E-03	610693.43	4206589.03	4725.31543	0.00030	0.40766	4.8548I3E-05	3.4391E-04		
610700.43	4206589.03	4892.69901	0.00107	0.40595	4.8344I6E-05	1.1211E-03	610700.43	4206589.03	4892.69901	0.00030	0.40595	4.8344I6E-05	3.5231E-04		
610707.43	4206589.03	4999.63087	0.00110	0.40420	4.8136I2E-05	1.1511E-03	610707.43	4206589.03	4999.63087	0.00031	0.40420	4.8136I2E-05	3.6066E-04		
610714.43	4206589.03	5138.25152	0.00113	0.40237	4.7918I8E-05	1.1815E-03	610714.43	4206589.03	5138.25152	0.00032	0.40237	4.7918I8E-05	3.6911E-04		
610735.43	4206589.03	5566.47608	0.00123	0.39642	4.7209I7E-05	1.2753E-03	610735.43	4206589.03	5566.47608	0.00035	0.39642	4.7209I7E-05	3.9517E-04		
610742.43	4206589.03	5714.25161	0.00126	0.39428	4.6954I9E-05	1.3076E-03	610742.43	4206589.03	5714.25161	0.00036	0.39428	4.6954I9E-05	4.0415E-04		
610749.43	4206589.03	5865.21085	0.00129	0.39204	4.6688I1E-05	1.3408E-03	610749.43	4206589.03	5865.21085	0.00037	0.39204	4.6688I1E-05	4.1332E-04		
610756.43	4206589.03	6019.75321	0.00133	0.38971	4.6410I6E-05	1.3745E-03	610756.43	4206589.03	6019.75321	0.00038	0.38971	4.6410I6E-05	4.2271E-04		
610763.43	4206589.03	6178.46502	0.00136	0.38729	4.6122I4E-05	1.4092E-03	610763.43	4206589.03	6178.46502	0.00039	0.38729	4.6122I4E-05	4.3234E-04		
610770.43	4206589.03	6341.80189	0.00140	0.38476	4.5821I2E-05	1.4448E-03	610770.43	4206589.03	6341.80189	0.00040	0.38476	4.5821I2E-05	4.4225E-04		
610777.43	4206589.03	6510.16852	0.00144	0.38212	4.5506I7E-05	1.4817E-03	610777.43	4206589.03	6510.16852	0.00041	0.38212	4.5506I7E-05	4.5246E-04		
610784.43	4206589.03	6684.10299	0.00147	0.37935	4.5178I8E-05	1.5198E-03	610784.43	4206589.03	6684.10299	0.00042	0.37935	4.5178I8E-05	4.6180E-04		
610791.43	4206589.03	6863.84853	0.00151	0.37647	4.4839I9E-05	1.5591E-03	610791.43	4206589.03	6863.84853	0.00043	0.37647	4.4839I9E-05	4.7389E-04		
610798.43	4206589.03	7049.67685	0.00156	0.37348	4.4477I8E-05	1.5997E-03	610798.43	4206589.03	7049.67685	0.00044	0.37348	4.4477I8E-05	4.8515E-04		
610805.43	4206589.03	7241.75033	0.00160	0.37036	4.4106I2E-05	1.6417E-03	610805.43	4206589.03	7241.75033	0.00045	0.37036	4.4106I2E-05	4.9679E-04		
610812.43	4206589.03	7440.1595	0.00164	0.36712	4.3720I4E-05	1.6851E-03	610812.43	4206589.03	7440.1595	0.00047	0.36712	4.3720I4E-05	5.0881E-04		
610819.43	4206589.03	7644.81299	0.00169	0.36376	4.3320I2E-05	1.7298E-03	610819.43	4206589.03	7644.81299	0.00048	0.36376	4.3320I2E-05	5.2120E-04		
610826.43	4206589.03	7855.51835	0.00173	0.36027	4.2904I6E-05	1.7759E-03	610826.43	4206589.03	7855.51835	0.00049	0.36027	4.2904I6E-05	5.3395E-04		
610833.43	4206589.03	8071.99567	0.00178	0.35666	4.2474I7E-05	1.8231E-03	610833.43	4206589.03	8071.99567	0.00050	0.35666	4.2474I7E-05	5.4706E-04		
610840.43	4206589.03	8293.80828	0.00183	0.35292	4.2029I5E-05	1.8718E-03	610840.43	4206589.03	8293.80828	0.00052	0.35292	4.2029I5E-05	5.6048E-04		
610847.43	4206589.03	8520.34829	0.00188	0.34907	4.1570I8E-05	1.9213E-03	610847.43	4206589.03	8520.34829	0.00053	0.34907	4.1570I8E-05	5.7418E-04		
610854.43	4206589.03	8750.93603	0.00193	0.34512	4.1100I4E-05	1.9717E-03	610854.43	4206589.03	8750.93603	0.00055	0.34512	4.1100I4E-05	5.8812E-04		
610861.43	4206589.03	8984.87507	0.00198	0.34105	4.0615I7E-05	2.0228E-03	610861.43	4206589.03	8984.87507	0.00056	0.34105	4.0615I7E-05	6.0226E-04		
610868.43	4206589.03	9221.27997	0.00203	0.33689	4.0120I3E-05	2.0745E-03	610868.43	4206589.03	9221.27997	0.00058	0.33689	4.0120I3E-05	6.1654E-04		
610875.43	4206589.03	9459.21529	0.00209	0.33263	3.9612I9E-05	2.1264E-03	610875.43	4206589.03	9459.21529	0.00059	0.33263	3.9612I9E-05	6.3091E-04		
610882.43	4206589.03	9697.71617	0.00214	0.32830	3.9097I3E-05	2.1785E-03	610882.43	4206589.03	9697.71617	0.00061	0.32830	3.9097I3E-05	6.4530E-04		
610889.43	4206589.03	9935.75144	0.00219	0.32388	3.8570I9E-05	2.2305E-03	610889.43	4206589.03	9935.75144	0.00062	0.32388	3.8570I9E-05	6.5966E-04		
610910.43	4206589.03	10637.06891	0.00235	0.31028	3.6951I6-05	2.3836E-03	610910.43	4206589.03	10637.06891	0.00066	0.31028	3.6951I3E-05	7.0188E-04		
610917.43	4206589.03	10863.41484	0.00240	0.30565	3.6399I9E-05	2.4330E-03	610917.43	4206589.03	10863.41484	0.00068	0.30565	3.6399I9E-05	7.1547E-04		
610924.43	4206589.03	11084.49721	0.00245	0.30100	3.5846I1E-05	2.4812E-03	610924.43	4206589.03	11084.49721	0.00069	0.30100	3.5846I1E-05	7.2874E-04		
610931.43	4206589.03	11299.56728	0.00249	0.29632	3.5288I8E-05	2.5281E-03	610931.43	4206589.03	11299.56728	0.00071	0.29632	3.5288I8E-05	7.4183E-04		
610938.43	4206589.03	11507.73173	0.00254	0.29162	3.4729I1E-05	2.5735E-03	610938.43	4206589.03	11507.73173	0.00072	0.29162	3.4729I1E-05	7.5408E-04		
610945.43	4206589.03	11708.0716	0.00258	0.28691	3.4168I1E-05	2.6173E-03	610945.43	4206589.03	11708.0716	0.00073	0.28691	3.4168I1E-05	7.6604E-04		
610952.43	4206589.03	11900.22229	0.00263	0.28220	3.3607Z6-05	2.6590E-03	610952.43	4206589.03	11900.22229	0.00074	0.28220	3.3607Z6-05	7.7749E-04		
610959.43	4206589.03	12083.4271	0.00267	0.27750	3.3047S6-05	2.6988E-03	610959.43	4206589.03	12083.4271	0.00076	0.27750	3.3047S6-05	7.8838E-04		
610966.43	4206589.03	12257.23854	0.00270	0.27280	3.2487I8-05	2.7366E-03	610966.43	4206589.03	12257.23854	0.00077	0.27280	3.2487I8-05	7.9860E-04		
610973.43	4206589.03	12421.38427	0.00274	0.26812	3.1930I4E-05	2.7723E-03	610973.43	4206589.03	12421.38427	0.00078	0.26812	3.1930I4E-05	8.0839E-04		
610994.43	4206589.03	12852.06558	0.00284	0.25423	3.0276I3E-05	2.8695E-03	610994.43	4206589.03	12852.06558	0.00080	0.25423	3.0276I3E-05	8.3366E-04		
611001.43	4206589.03	12974.46209	0.00286	0.24967	2.9733Z6-05	2.8921E-03	611001.43	4206589.03	12974.46209	0.00081	0.24967	2.9733Z6-05	8.4077E-04		
611008.43	4206589.03	13086.14862	0.00289	0.24515	2.9194I9E-05	2.9162E-03	611008.43	4206589.03	13086.14862	0.00082	0.24515	2.9194I9E-05	8.4721E-04		
611015.43	4206589.03	13187.07849	0.00291	0.24067	2.8661I4E-05	2.9378E-03	611015.43	4206589.03	13187.07849	0.00082	0.24067	2.8661I4E-05	8.5299E-04		
611022.43	4206589.03	13277.31765	0.00293	0.23624	2.8133I8E-05	2.9578E-03	611022.43	4206589.03	13277.31765	0.00083	0.23624	2.8133I8E-05	8.5810E-04		
611029.43	4206589.03	13356.98835	0.00295	0.23185	2.7610I8E-05	2.9741E-03	611029.43	4206589.03	13356.98835	0.00083	0.23185	2.7610I8E-05	8.6256E-04		
611036.43	4206589.03	13426.05154	0.00296	0.22753	2.7096E6-05	2.9891E-03	611036.43	4206589.03	13426.05154	0.00084	0.22753	2.7096E6-05	8.6636E-04		
611043.43	4206589.03	13484.91918	0.00297	0.22325	2.6586I9E-05	3.0015E-03	611043.43	4206589.03	13484.91918	0.00084	0.22325	2.6586I9E-05	8.6953E-04		
611050.43	4206589.03	13533.01888	0.00299	0.21904	2.6085I5E-05	3.0118E-03	611050.43	4206589.03	13533.01888	0.00085	0.21904	2.6085I5E-05	8.7301E-04		
611057.43	4206589.03	13572.52153	0.00299	0.21488	2.5590I1E-05	3.0198E-03	611057.43	4206589.03	13572.52153	0.00085	0.21488	2.5590I1E-05	8.7401E-04		
611078.43	4206589.03	13632.74314	0.00301	0.20279	2.4150I3E-05	3.0317E-03	611078.43	4206589.03	13632.74314	0.00085	0.20279	2.4150I3E-05	8.7634E-04		
611085.43	4206589.03	13634.9565	0.00301	0.19889	2.3683I8E-05	3.0317E-03	611085.43	4206589.03	13634.9565	0.00085	0.19889	2.3683I8E-05	8.7601E-04		
611092.43	4206589.03	13628.56549	0.00301	0.19506	2.3229I7E-05	3.0299E-03	611092.43	4206589.03	13628.56549	0.00085	0.19506	2.3229I7E-05	8.7515E-04		
610294.43	4206596.03	1308.54675	0.00029	0.37516	4.4677I8E-05	3.3336E-04	610294.43	4206596.03	1308.54675	0.00008	0.37516	4.4677I8E-05	1.2646E-04		
610301.43	4206596.03	1331.64204	0.00029	0.37712	4.4911I3E-05	3.3869E-04	610301.43	4206596.03	1331.64204	0.00008	0.37712	4.4911I3E-05	1.2815E-04		
610308.43	4206596.03	1355.22491	0.00030	0.37904	4.5139I9E-05	3.4412E-04	610308.43	4206596.03	1355.22491	0.00008	0.37904	4.5139I9E-05	1.2986E-04		
610315.43	4206596.03	1379.4619	0.00030	0.38092	4.5363I8E-05	3.4968E-04	610315.43	4206596.03	1379.4619	0.00009	0.38092	4.5363I8E-05	1.3158E-04		
610322.43	4206596.03	1404.15748	0.00031	0.38276	4.5582I9E-05	3.5536E-04	610322.43	4206596.03	1404.15748	0.00009	0.38276	4.5582I9E-05	1.3336E-04		
610329.43	4206596.03	1429.47261	0.00032	0.38455	4.5796I1E-05	3.6116E-04	610329.43	4206596.03	1429.47261	0.00009	0.38455	4.5796I1E-05	1.3515E-04		
610336.43	4206596.03	1455.2362	0.00032	0.38629	4.6003I8-05	3.6705E-04	610336.43	4206596.03	1455.2362	0.00009	0.38629	4.6003I8-05	1.3697E-04		
610343.43	4206596.03	1481.63498	0.00033	0.38799	4.6205I8E-05	3.7307E-04	610343.43	4206596.03	1481.63498	0.00009	0.38799	4.6205I8E-05	1.3882E-04		
610350.43	4206596.03	1508.49507	0.00033	0.38963	4.6401I1E-05	3.7920E-04	610350.43	4206596.03	1508.49507	0.00009	0.38963	4.6401I1E-05	1.4070E-04		
610357.43	4206596.03	1535.90787	0.00034	0.39119	4.6586I9E-05	3.8543E-04	610357.43	4206596.03	1535.90787	0.00010	0.39119	4.6586I9E-05	1.4260E-04		
610364.43	4206596.03	1563.84393	0.00035	0.39267	4.6763I1E-05	3.9177E-04	610364.43	4206596.03	1563.84393	0.00010	0.39267	4.6763I1E-05	1.4452E-04		
610371.43	4206596.03	1592.26616	0.00035	0.39407	4.6928I8E-05	3.9821E-04	610371.43	4206596.03	1592.26616	0.00010	0.39407	4.6928I8E-05	1.4646E-04		
610378.43	4206596.03	1621.24043	0.00036	0.39542	4.7090I6E-05	4.0476E-04	610378.43	4206596.03	1621.24043	0.00010	0.39542	4.7090I6E-05	1.4843E-04		
610385.43	4206596.03	1650.66585	0.00036	0.39671	4.7244I2E-05	4.1140E-04	610385.43	4206596.03	1650.66585	0.00010	0.39671	4.7244I2E-05	1.5043E-04		
610392.43	4206596.03	1680.61997	0.00037	0.39795	4.7391I6E-05	4.1816E-04	610392.43	4206596.03	1680.61997	0.00011	0.39795	4.7391I6E-05	1.5245E-04		
610399.43	4206596.03	1710.96057	0.00038	0.39913	4.7532I4E-05	4.2499E-04	610399.43	4206596.03	1710.96057	0.00011	0.39913	4.7532I4E-05	1.5448E-04		
610406.43	4206596.03	1741.83276	0.00038	0.40027	4.7668Z6-05	4.3194E-04	610406.43	4206596.03	1741.83276	0.00011	0.40027	4.7668Z6-05	1.5655E-04		
610413.43	4206596.03	1773.56854	0.00039	0.40152	4.7817I1E-05	4.3909E-04	610413.43	4206596.03

611036.43	4206596.03	12861.4691	0.00284	0.22637	2.69584E-05	2.86444E-03	611036.43	4206596.03	12861.4691	0.00080	0.22637	2.69584E-05	8.30939E-04
611043.43	4206596.03	12928.58488	0.00285	0.22225	2.64678E-05	2.87876E-03	611043.43	4206596.03	12928.58488	0.00081	0.22225	2.64678E-05	8.34649E-04
611050.43	4206596.03	12986.07868	0.00286	0.21818	2.59831E-05	2.89098E-03	611050.43	4206596.03	12986.07868	0.00081	0.21818	2.59831E-05	8.37759E-04
611057.43	4206596.03	13034.30397	0.00288	0.21416	2.55043E-05	2.90116E-03	611057.43	4206596.03	13034.30397	0.00081	0.21416	2.55043E-05	8.40628E-04
611078.43	4206596.03	13124.44188	0.00290	0.20244	2.41086E-05	2.91956E-03	611078.43	4206596.03	13124.44188	0.00082	0.20244	2.41086E-05	8.44526E-04
611085.43	4206596.03	13137.15995	0.00290	0.19865	2.36573E-05	2.92358E-03	611085.43	4206596.03	13137.15995	0.00082	0.19865	2.36573E-05	8.44686E-04
611092.43	4206596.03	13141.74334	0.00290	0.19491	2.32119E-05	2.92255E-03	611092.43	4206596.03	13141.74334	0.00082	0.19491	2.32119E-05	8.44706E-04
610294.43	4206603.03	1285.04012	0.00028	0.15972	4.28391E-05	3.26344E-04	610294.43	4206603.03	1285.04012	0.00008	0.15972	4.28391E-05	1.23176E-04
610301.43	4206603.03	1307.50063	0.00029	0.16167	4.30713E-05	3.31526E-04	610301.43	4206603.03	1307.50063	0.00008	0.16167	4.30713E-05	1.24808E-04
610308.43	4206603.03	1330.44375	0.00029	0.16357	4.32976E-05	3.36816E-04	610308.43	4206603.03	1330.44375	0.00008	0.16357	4.32976E-05	1.26466E-04
610315.43	4206603.03	1353.93042	0.00030	0.16543	4.35191E-05	3.42215E-04	610315.43	4206603.03	1353.93042	0.00008	0.16543	4.35191E-05	1.28155E-04
610322.43	4206603.03	1377.87845	0.00030	0.16725	4.37358E-05	3.47716E-04	610322.43	4206603.03	1377.87845	0.00009	0.16725	4.37358E-05	1.29876E-04
610329.43	4206603.03	1402.35582	0.00031	0.16903	4.39478E-05	3.53316E-04	610329.43	4206603.03	1402.35582	0.00009	0.16903	4.39478E-05	1.31616E-04
610336.43	4206603.03	1427.31025	0.00031	0.17075	4.41527E-05	3.59044E-04	610336.43	4206603.03	1427.31025	0.00009	0.17075	4.41527E-05	1.33376E-04
610343.43	4206603.03	1452.80633	0.00032	0.17245	4.43551E-05	3.64866E-04	610343.43	4206603.03	1452.80633	0.00009	0.17245	4.43551E-05	1.35176E-04
610350.43	4206603.03	1478.71365	0.00033	0.17407	4.45440E-05	3.70775E-04	610350.43	4206603.03	1478.71365	0.00009	0.17407	4.45440E-05	1.36986E-04
610357.43	4206603.03	1505.14967	0.00033	0.17562	4.47326E-05	3.76759E-04	610357.43	4206603.03	1505.14967	0.00009	0.17562	4.47326E-05	1.38826E-04
610364.43	4206603.03	1532.09	0.00034	0.17710	4.49089E-05	3.82916E-04	610364.43	4206603.03	1532.09	0.00010	0.17710	4.49089E-05	1.40686E-04
610371.43	4206603.03	1559.40841	0.00034	0.17850	4.50756E-05	3.89116E-04	610371.43	4206603.03	1559.40841	0.00010	0.17850	4.50756E-05	1.42576E-04
610378.43	4206603.03	1587.28273	0.00035	0.17986	4.52376E-05	3.95411E-04	610378.43	4206603.03	1587.28273	0.00010	0.17986	4.52376E-05	1.44466E-04
610385.43	4206603.03	1615.51879	0.00036	0.18115	4.53912E-05	4.01806E-04	610385.43	4206603.03	1615.51879	0.00010	0.18115	4.53912E-05	1.46386E-04
610392.43	4206603.03	1644.22685	0.00036	0.18240	4.55401E-05	4.0828E-04	610392.43	4206603.03	1644.22685	0.00010	0.18240	4.55401E-05	1.48328E-04
610399.43	4206603.03	1673.30685	0.00037	0.18359	4.56818E-05	4.1484E-04	610399.43	4206603.03	1673.30685	0.00010	0.18359	4.56818E-05	1.5028E-04
610406.43	4206603.03	1702.80478	0.00038	0.18473	4.58175E-05	4.21488E-04	610406.43	4206603.03	1702.80478	0.00011	0.18473	4.58175E-05	1.52266E-04
610413.43	4206603.03	1733.19227	0.00038	0.18603	4.59724E-05	4.28364E-04	610413.43	4206603.03	1733.19227	0.00011	0.18603	4.59724E-05	1.54316E-04
610420.43	4206603.03	1763.96297	0.00039	0.18724	4.61165E-05	4.3521E-04	610420.43	4206603.03	1763.96297	0.00011	0.18724	4.61165E-05	1.56386E-04
610427.43	4206603.03	1795.12679	0.00040	0.18839	4.62534E-05	4.4228E-04	610427.43	4206603.03	1795.12679	0.00011	0.18839	4.62534E-05	1.58476E-04
610434.43	4206603.03	1826.59702	0.00040	0.18946	4.63808E-05	4.49356E-04	610434.43	4206603.03	1826.59702	0.00011	0.18946	4.63808E-05	1.60566E-04
610441.43	4206603.03	1858.46518	0.00041	0.19045	4.6498E-05	4.56503E-04	610441.43	4206603.03	1858.46518	0.00012	0.19045	4.6498E-05	1.62676E-04
610448.43	4206603.03	1890.72982	0.00042	0.19136	4.66071E-05	4.6378E-04	610448.43	4206603.03	1890.72982	0.00012	0.19136	4.66071E-05	1.64806E-04
610455.43	4206603.03	1923.4516	0.00042	0.19220	4.67071E-05	4.7105E-04	610455.43	4206603.03	1923.4516	0.00012	0.19220	4.67071E-05	1.66946E-04
610462.43	4206603.03	1956.64863	0.00043	0.19295	4.67965E-05	4.7846E-04	610462.43	4206603.03	1956.64863	0.00012	0.19295	4.67965E-05	1.69116E-04
610469.43	4206603.03	1990.4793	0.00044	0.19363	4.68774E-05	4.86008E-04	610469.43	4206603.03	1990.4793	0.00012	0.19363	4.68774E-05	1.71306E-04
610497.43	4206603.03	2132.94047	0.00047	0.19576	4.71311E-05	5.17568E-04	610497.43	4206603.03	2132.94047	0.00013	0.19576	4.71311E-05	1.80406E-04
610504.43	4206603.03	2171.04259	0.00048	0.19617	4.71799E-05	5.26146E-04	610504.43	4206603.03	2171.04259	0.00014	0.19617	4.71799E-05	1.82896E-04
610511.43	4206603.03	2210.56446	0.00049	0.19652	4.72216E-05	5.34906E-04	610511.43	4206603.03	2210.56446	0.00014	0.19652	4.72216E-05	1.85408E-04
610518.43	4206603.03	2251.65711	0.00050	0.19681	4.72565E-05	5.44026E-04	610518.43	4206603.03	2251.65711	0.00014	0.19681	4.72565E-05	1.88016E-04
610525.43	4206603.03	2294.54796	0.00051	0.19705	4.72847E-05	5.53496E-04	610525.43	4206603.03	2294.54796	0.00014	0.19705	4.72847E-05	1.90726E-04
610532.43	4206603.03	2339.4123	0.00052	0.19724	4.73074E-05	5.63416E-04	610532.43	4206603.03	2339.4123	0.00015	0.19724	4.73074E-05	1.93546E-04
610539.43	4206603.03	2386.62202	0.00053	0.19736	4.73216E-05	5.7384E-04	610539.43	4206603.03	2386.62202	0.00015	0.19736	4.73216E-05	1.96516E-04
610546.43	4206603.03	2436.33831	0.00054	0.19743	4.73300E-05	5.84822E-04	610546.43	4206603.03	2436.33831	0.00015	0.19743	4.73300E-05	1.99636E-04
610553.43	4206603.03	2488.89427	0.00055	0.19744	4.73312E-05	5.96426E-04	610553.43	4206603.03	2488.89427	0.00016	0.19744	4.73312E-05	2.02916E-04
610560.43	4206603.03	2545.4478	0.00056	0.19733	4.73181E-05	6.08888E-04	610560.43	4206603.03	2545.4478	0.00016	0.19733	4.73181E-05	2.06436E-04
610567.43	4206603.03	2605.4276	0.00057	0.19716	4.72978E-05	6.22006E-04	610567.43	4206603.03	2605.4276	0.00016	0.19716	4.72978E-05	2.10166E-04
610574.43	4206603.03	2669.25834	0.00059	0.19691	4.72681E-05	6.36144E-04	610574.43	4206603.03	2669.25834	0.00017	0.19691	4.72681E-05	2.14126E-04
610581.43	4206603.03	2736.89299	0.00060	0.19661	4.72323E-05	6.51036E-04	610581.43	4206603.03	2736.89299	0.00017	0.19661	4.72323E-05	2.18326E-04
610588.43	4206603.03	2808.79565	0.00062	0.19623	4.71872E-05	6.66861E-04	610588.43	4206603.03	2808.79565	0.00018	0.19623	4.71872E-05	2.22776E-04
610595.43	4206603.03	2884.73524	0.00064	0.19580	4.71359E-05	6.83555E-04	610595.43	4206603.03	2884.73524	0.00018	0.19580	4.71359E-05	2.27466E-04
610602.43	4206603.03	2965.15597	0.00065	0.19529	4.70751E-05	7.01231E-04	610602.43	4206603.03	2965.15597	0.00019	0.19529	4.70751E-05	2.32431E-04
610609.43	4206603.03	3049.52558	0.00067	0.19473	4.70084E-05	7.1978E-04	610609.43	4206603.03	3049.52558	0.00019	0.19473	4.70084E-05	2.37636E-04
610616.43	4206603.03	3138.25555	0.00069	0.19408	4.69310E-05	7.3927E-04	610616.43	4206603.03	3138.25555	0.00020	0.19408	4.69310E-05	2.43106E-04
610623.43	4206603.03	3230.91652	0.00071	0.19338	4.68477E-05	7.5963E-04	610623.43	4206603.03	3230.91652	0.00020	0.19338	4.68477E-05	2.48831E-04
610630.43	4206603.03	3328.96543	0.00073	0.19254	4.67476E-05	7.8116E-04	610630.43	4206603.03	3328.96543	0.00021	0.19254	4.67476E-05	2.54846E-04
610637.43	4206603.03	3431.68372	0.00076	0.19160	4.66357E-05	8.0371E-04	610637.43	4206603.03	3431.68372	0.00021	0.19160	4.66357E-05	2.61156E-04
610644.43	4206603.03	3537.89281	0.00078	0.19062	4.65178E-05	8.2703E-04	610644.43	4206603.03	3537.89281	0.00022	0.19062	4.65178E-05	2.67676E-04
610651.43	4206603.03	3647.73257	0.00080	0.18955	4.63916E-05	8.5113E-04	610651.43	4206603.03	3647.73257	0.00023	0.18955	4.63916E-05	2.74411E-04
610658.43	4206603.03	3760.84558	0.00083	0.18842	4.62570E-05	8.7595E-04	610658.43	4206603.03	3760.84558	0.00024	0.18842	4.62570E-05	2.81356E-04
610665.43	4206603.03	3876.96886	0.00086	0.18724	4.61165E-05	9.0158E-04	610665.43	4206603.03	3876.96886	0.00024	0.18724	4.61165E-05	2.88416E-04
610672.43	4206603.03	3994.98161	0.00088	0.18598	4.59664E-05	9.27312E-04	610672.43	4206603.03	3994.98161	0.00025	0.18598	4.59664E-05	2.95696E-04
610679.43	4206603.03	4115.65397	0.00091	0.18468	4.58116E-05	9.55786E-04	610679.43	4206603.03	4115.65397	0.00026	0.18468	4.58116E-05	3.03086E-04
610686.43	4206603.03	4239.35368	0.00094	0.18331	4.56484E-05	9.8091E-04	610686.43	4206603.03	4239.35368	0.00027	0.18331	4.56484E-05	3.10656E-04
610693.43	4206603.03	4364.9258	0.00096	0.18189	4.54791E-05	1.00984E-03	610693.43	4206603.03	4364.9258	0.00027	0.18189	4.54791E-05	3.18316E-04
610700.43	4206603.03	4486.79451	0.00099	0.18046	4.53090E-05	1.03526E-03	610700.43	4206603.03	4486.79451	0.00028	0.18046	4.53090E-05	3.25786E-04
610707.43	4206603.03	4607.28068	0.00102	0.17900	4.51352E-05	1.06166E-03	610707.43	4206603.03	4607.28068	0.00029	0.17900	4.51352E-05	3.33146E-04
610714.43	4206603.03	4728.85683	0.00104	0.17748	4.49541E-05	1.08826E-03	610714.43	4206603.03	4728.85683	0.00030	0.17748	4.49541E-05	3.40506E-04
610735.43	4206603.03	5101.68879	0.00113	0.17252	4.43635E-05	1.16998E-03	610735.43	4206603.03	5101.68879	0.00032	0.17252	4.43635E-05	3.63276E-04
610742.43	4206603.03	5229.51358	0.00115	0.17073	4.41503E-05	1.19798E-03	610742.43	4206603.03	5229.51358	0.00033	0.17073	4.41503E-05	3.71056E-04
610749.43	4206603.03	5359.62359	0.00118	0.16886	4.39276E-05	1.22636E-03	610749.43	4206603.03	5359.62359	0.00034	0.16886	4.39276E-05	3.78966E-04
610756.43	4206603.03	5492.46103	0.00121	0.16692	4.36965E-05	1.25546E-03	610756.43	4206603.03	5492.46103	0.00034	0.16692	4.36965E-05	3.87018E-04
610763.43	4206603.03	5628.4678	0.00124	0.16489	4.34548E-05	1.28526E-03	610763.43	4206603.03	5628.4678	0.00035	0.16489	4.34548E-05	3.95296E-04
610770.43	4206603.03	5768.16428	0.00127	0.16279	4.32047E-05	1.31576E-03	610770.43	4206603.03	5768.16428	0.00036	0.16279	4.32047E-05	4.03776E-04
610777.43	4206603.03	5911.98642	0.00130	0.16057	4.29403E-05	1.34726E-03	610777.43	4206603.03	5911.98642	0.00037	0.16057	4.29403E-05	4.12506E-04
610784.43	4206603.03	6060.36882	0.00134	0.15826	4.26652E-05	1.37976E-03	610784.43	4206603.03	6060.36882	0.00038	0.15826	4.26652E-05	4.21506E-04
610791.43	4206603.03	6213.62508	0.00137	0.15586	4.23794E-05	1.41326E-03	610791.43	4206603.03	6213.62508	0.00039	0.15586	4.23794E-05	4.30796E-04
610798.43	4206603.03	6372.18231	0.00141	0.15336	4.20817E-05	1.44796E-03	610798.43	4206603.03	6372.18231	0.00040	0.15336	4.20817E-05	4.40401E-04
610805.43	4206603.03	6536.21712	0.00144	0.15076	4.17720E-05	1.48388E-03	610805.43	4206603.03	6536.21712	0.00041	0.15076	4.17720E-05	4.50359E-04
610812.43	4206603.03	6705.80893	0.00148	0.14805	4.14493E-05	1.52096E-03	610812.43	4206603.03	6705.80893	0.00042	0.14805	4.14493E-05	4.60604E-04
610819.43	4206603.03	6881.2732	0.00152	0.14523	4.11135E-05	1.55926E-03	610819.43	4206603.03	6881.2732	0.00043	0.14523	4.11135E-05	4.71126E-04
610826.43	4206603.03	7062.31356	0.00156	0.14231	4.07657E-05	1.59886E-03	610826.43	4206603.03	7062.31356	0.00044	0.14231	4.07657E-05	4.82236E-04
610833.43	4206603.03	7248.92997	0.00160	0.13927	4.04037E-05	1.63966E-03	610833.43	4206603.03	7248.92997	0.00045	0.13927	4.04037E-05	4.93546E-04
610840.43	4206603.03	7440.84803	0.00164	0.13613	4.00298E-05	1.68166E-03	610840.43	4206603.03	7440.84803	0.00047	0.13613	4.00298E-05	5.05168E-04
610847.43	4206603.03	7637.69138	0.00168	0.13288	3.96427E-05	1.72466E-03	610847.43	4206603.03	7637.69138	0.00048	0.13288	3.96427E-05	5.17088E-04
610854.43	4206603.03	7839.06644	0.00173	0.12953	3.92438E-05	1.76866E-03	610854.43	4206603.03	7839.06644	0.00049	0.12953	3.92438E-05	5.29276E-04
610861.43	4206603.03	8044.3718	0.00177	0.12608	3.88329E-05	1.81356E-03	610861.43	4206603.03	8044.3718	0.00050	0.12608	3.88329E-05	5.41696E-04
610868.43	4206603.03	8252.96607	0.00182	0.12253	3.84101E-05	1.85916E-03	610868.43	4206603.03	8252.96607	0.00052	0.12253	3.84101E-05	5.54306E-04
610875.43	4206603.03	8464.13766	0.00187	0.11890	3.79778E-05	1.90536E-03	610875.43	4206603.03	8464.13766	0.00053	0.11890	3.79778E-05	5.67076E-04
610882.43	4206603.03	8677.06561	0.00191	0.11518	3.75348E-05	1.95186E-03	610882.43	4206603.03	8677.06561	0.00054	0.11518	3.75348E-05	5.79944E-04
610889.43	4206603.03	8890.94659	0.00196	0.11138	3.70823E-05	1.99856E-03	610889.43	4206603.03	8890.94659	0.00056	0.11138	3.70823E-05	5.92886E-04
610910.43	4206603.03	9530.1892	0.00210	0.09958	3.56770E-05	2.13826E-03	610910.43	4206603.03	9530.1892	0.00060	0.09958	3.56770E-05	6.31416E-04
610917.43	4206603.03	9739.49674	0.00215	0.09553	3.51947E-05	2.1839E-03	610917.43	4206603.03	9739.49674	0.00061	0.09553	3.51947E-05	6.44016E-04
610924.43	4206603.03	9945.67953	0.00219	0.09144	3.47076E-05	2.22896E-03	610924.43	4206603.03	9945.67953	0.00062	0.09144	3.47076E-05	6.56416E-04
610931.43	4206603.03	10147.77667	0.00224	0.08732	3.42170E-05	2.27708E-03	610931.43	4206603.03	10147.77667	0.00063	0.08732	3.42170E-05	6.68506E-04
610938.43	4206603.03	10345.18416	0.00228	0.08317	3.37227E-05	2.3160E-03	610938.43	4206603.03	10345.18416	0.00065	0.08317	3.37227E-05	6.80406E-04
610945.43	4206603.03	10536.98591	0.00232	0.07899	3.32250E-05	2.35786E-03	610945.43	4206603.03	10536.98591	0.00066	0.07899	3.32250E-05	6.91886E-04
610952.43	4206603.03	10722.64976	0.00237	0.07479	3.27248E-05	2.39836E-03	610952.43	4206603.03	10722.64976	0.00067	0.07479	3.27248E-05	7.03006E-04
610959.43	4206603.03	10901.62495	0.00241	0.07059	3.22246E-05	2.4373E-03	610959.43	4206603.03	10901.62495	0.00068	0.07059	3.22246E-05	7.13696E-04
610966.43	4206603.03	11073.28703	0.00244	0.06637	3.17220E-05	2.47468E-03	610966.43	4206603.03	11073.28703	0.00069	0.06637	3.17220E-05	7.23926E-04
610973.43	4206603.03	11237.18843	0.00248	0.06216	3.12207E-05	2.5103E-03	610973.43	4206603.03	11237.18843	0.00070	0.06216	3.12207E-05	7.33666E-04
610994.43	4206603.03	11679.05835	0.00258	0.04958	2.97225E-05	2.60636E-03	610994.43	4206603.03	11679.05835	0.00073	0.04958	2.97225E-05	7.59786E-04
611001.43	4206603.03	11808.60766	0.00261	0.04542	2.92271E-05	2.63446E-03	611001.43	4206603.03	11808.60766	0.00074	0.04542	2.92271E-05	7.67396E-04
611008.43	4206603.03	11929.23547	0.00263	0.04128	2.87341E-05	2.66056E-03	611008.43	4206603.03	11929.23547	0.00075	0.04128	2.87341E-05	7.74436E-04
611015.43	4206603.03	12040.55498	0.00266	0.03717	2.82446E-05	2.68466E-03	611015.43	4206603.03	12040.55498	0.00075	0.03717	2.82446E-05	7.80906E-04
611022.43	4206603.03	12142.59906	0.00268	0.03309	2.77587E-05	2.7066E-03	611022.43	4206603.03	12142.59906	0.00076	0.03309	2.77587E-05	7.86796E-04
611029.43	4206603.03	12235.40525	0.00270	0.02905	2.72776E-05	2.72666E-03	611029.43	4206603.03	12235.40525	0.00076	0.02905	2.72776E-05	7.92726E-04
611036.43	4206603.03	12318.84243	0.00272	0.02504	2.68000E-05	2.74456E-03	611036.43	4206603.03	12318.84243	0.00077	0.02504	2.68000E-05	7.96856E-04
611043.43	4206603.03	12393.12705	0.00273	0.02107	2.63273E-05	2.76046E-03	611043.43	4206603.03	12393.12705	0.00077	0.02107	2.63273E-05	8.01026E-04
611050.43	4206603.03	12458.29433	0.00275	0.01715	2.58604E-05	2.77416E-03	611050.43	4206603.03	12458.29433	0.00078	0.01715	2.58604E-05	8.04636E-04
611057.43	4206603.03	12514.503	0.00276	0.01327	2.53983E-05	2.7883E-03	611057.43	4206603.03	12514.503	0.00078	0.01327	2.53983E-05	8.07686E-04
611078.43	4206603.03	12631.29549	0.00279	0.00192	2.40467E-05	2.81076E-03	611078.43	4206603.03	12631.29549	0.00079	0.00192	2.40467E-05	8.13636E-04
611085.43	4206603.03	12653.61837	0.00279	0.00279	2.36084E-05	2.8152E-03	611085.43	4206603.03	12653.61837	0.00079	0.00279	2.36084E-05	8.14596E-04
611092.43	4206603.03	12667.9064	0.00279	0.00742	2.31773E-05	2.8179E-03	611092.43	4206603.03	12667.9064	0.00079	0.00742	2.31773E-05	8.15056E-04
610294.43	4206610.03	1262.26484	0.00028	0.34507	4.10944E-05	3.19576E-04	610294.43	4206610.03	1262.26484	0.00008	0.34507	4.10944E-05	1.20006E-04
610301.43	4206610.03	1284.11634	0.00028	0.34869	4.13231E-05	3.24626E-04	610301.43	4206610.03	1284.11634	0.00008	0.34699	4.13231E-05	1.21598E-04
610308.43	4206610.03	1306.35966	0.00029	0.34887	4.15470E-05	3.29756E-04	610308.43	4206610.03	1306.35966	0.00008	0.34887	4.15470E-05	1.23215E-04
610315.43	4206610.03	1329.14896	0.00029	0.35072	4.17678E-05	3.35006E-04	610315.43	4206610.03	1329.14896	0.00008	0.35072	4.17678E-05	1.24856E-04
610322.43	4206610.03	1352.33414	0.00030	0.35251	4.19805E-05	3.40326E-04	610322.43	4206610.03	1352.33414	0.00008	0.35251	4.19805E-05	1.26526E-04
610329.43	4206610.03	1376.05236	0.00030	0.35428	4.21912E-05	3.45776E-04	610329.43	4206610.03	1376.05236	0.00009	0.35428	4.21912E-05	1.28216E-04
610336.43	4206610.03	1400.16844	0.00031	0.35599	4.23949E-05	3.51298E-04	610336.43	4206610.03	1400.16844	0.00009	0.35599	4.23949E-05	1.29926E-04
610343.43	4206610.03	1424.72079	0.00031	0.35766	4.25938E-05	3.56916E-04	610343.43	4206610.03	1424.72079	0.00009	0.35766	4.25938E-05	1.31656E-04
610350.43	4206610.03	1449.82397	0.00032	0.35928	4.27867E-05	3.62646E-04	610350.43	4206610.03	1449.82397	0.00009	0.35928	4.27867E-05	1.33426E-04
610357.43	4206610.03	1475.28155	0.00033	0.36082	4.29705E-05	3.68444E-04	610357.43	4206610.03	1475.28155	0.00009	0.36082	4.29705E-05	1.35196E-04
610364.43	4206610.03	1501.18398	0.00033	0.36231	4.31475E-05	3.7431E-04	610364.43	4206610.03	1501.18398	0.00009	0.36231	4.31475E-05	1.36996E-04
610371.43	4206610.03	1527.52329	0.00034	0.36370	4.33131E-05	3.80316E-04	610371.43	4206610.03	1527.52329	0.00010	0.36370	4.33131E-05	1.38886E-04
610378.43	4206610.03	1554.26298	0.00034	0.36507	4.34762E-05	3.86376E-04	610378.43	4206610.03	1554.26298	0.00010	0.36507	4.34762E-05	1.40636E-04
610385.43	4206610.03	1581.36641	0.00035	0.36636	4.36299E-05	3.92506E-04	610385.43	4206610.03	1581.36641	0.00010	0.36636	4.36299E-05	1.42486E-04
610392.43	4206610.03	1608.8473	0.00035	0.36761	4.37787E-05	3.98716E-04	610392.43	4206610.03	1608.8473	0.00010	0.36761	4.37787E-05	1.44356E-04
610399.43	4206610.03	1636.75996	0.00036	0.36882	4.39228E-05	4.05016E-04	610399.43	4206610.03	1636.75996	0.00010	0.36882	4.39228E-05	1.46246E-04
610406.43	4206610.03	1664.94692	0.00037	0.36997	4.40588E-05	4.1133E-04	610406.43	4206610.03	1664.94692	0.00010	0.36997	4.40588E-05	1.48146E-04
610413.43	4206610.03	1694.01238	0.00037	0.37129	4.42170E-05	4.1794E-04	610413.43	4206610.03	1694.01238	0.00011	0.37129	4.42170E-05	1.50116E-04
610420.43	4206610.03	1723.42531	0.00038	0.37253	4.43646E-05	4.2458E-04	610420.43	4206610.03	1723.42531	0.00011	0.37253	4.43646E-05	1.52106E-04
610427.43	4206610.03	1753.10599	0.00039	0.37370	4.45040E-05	4.3126E-04	610427.43	4206610.03	1753.10599	0.00011	0.37370	4.45040E-05	1.54096E-04
610434.43	4206610.03	1783.10495	0.00039	0.37479	4.46338E-05	4.38016E-04	610434.43	4206610.03	1783.10495	0.00011	0.37479	4.46338E-05	1.56106E-04
610441.43	4206610.03	1813.48673	0.00040	0.37581	4.47553E-05	4.4484E-04	610441.43	4206610.03	1813.48673	0.00011	0.37581	4.47553E-05	1.58126E-04
610448.43	4206610.03	1844.20445	0.00041	0.37675	4.48672E-05	4.5172E-04	610448.43	4206610.03	1844.20445	0.00012	0.37675	4.48672E-05	1.60156E-04
610455.43	4206610.03	1875.35163	0.00041	0.37762	4.49708E-05	4.5870E-04	610455.43	4206610.03	1875.35163	0.00012	0.37762	4.49708E-05	1.62206E-04
610462.43	4206610.03	1906.99348	0.00042	0.37841	4.50649E-05	4.6577E-04	610462.43	4206610.03	1906.99348	0.00012	0.37841	4.50649E-05	1.64276E-04
610469.43	4206610.03	1939.12998	0.00043	0.37912	4.51494E-05	4.7295E-04	610469.43	4206610.03	1939.12998	0.00012	0.37912	4.51494E-05	1.66366E-04
610497.43	4206610.03	2074.88231	0.00046	0.38140	4.54210E-05

611057.43	4206610.03	12013.2279	0.00265	0.21222	2.527381E-05	2.67568-03	611057.43	4206610.03	12013.2279	0.00075	0.21222	2.527381E-05	7.76228-04	
611078.43	4206610.03	12153.58691	0.00268	0.20125	2.396698E-05	2.70526-03	611078.43	4206610.03	12153.58691	0.00076	0.20125	2.396698E-05	7.8369E-04	
611085.43	4206610.03	12184.39378	0.00269	0.19769	2.354298E-05	2.71168-03	611085.43	4206610.03	12184.39378	0.00076	0.19769	2.354298E-05	7.8519E-04	
611092.43	4206610.03	12207.42992	0.00269	0.19417	2.312376E-05	2.71626-03	611092.43	4206610.03	12207.42992	0.00076	0.19417	2.312376E-05	7.8621E-04	
610294.43	4206617.03	1240.16739	0.00027	0.33114	3.943555E-05	3.13036-04	610294.43	4206617.03	1240.16739	0.00008	0.33114	3.943555E-05	1.1696E-04	
610301.43	4206617.03	1261.38432	0.00028	0.33304	3.966318E-05	3.17946-04	610301.43	4206617.03	1261.38432	0.00008	0.33304	3.966318E-05	1.1851E-04	
610308.43	4206617.03	1282.96466	0.00028	0.33490	3.988331E-05	3.22926-04	610308.43	4206617.03	1282.96466	0.00008	0.33490	3.988331E-05	1.2008E-04	
610315.43	4206617.03	1305.05788	0.00029	0.33673	4.010126E-05	3.28016-04	610315.43	4206617.03	1305.05788	0.00008	0.33673	4.010126E-05	1.2168E-04	
610322.43	4206617.03	1327.51349	0.00029	0.33850	4.031206E-05	3.3318E-04	610322.43	4206617.03	1327.51349	0.00008	0.33850	4.031206E-05	1.2330E-04	
610329.43	4206617.03	1350.40421	0.00030	0.34024	4.051592E-05	3.38446-04	610329.43	4206617.03	1350.40421	0.00008	0.34024	4.051592E-05	1.2493E-04	
610336.43	4206617.03	1373.76581	0.00030	0.34195	4.072226E-05	3.43796-04	610336.43	4206617.03	1373.76581	0.00009	0.34195	4.072226E-05	1.2660E-04	
610343.43	4206617.03	1397.5084	0.00031	0.34360	4.091944E-05	3.4923E-04	610343.43	4206617.03	1397.5084	0.00009	0.34360	4.091944E-05	1.2828E-04	
610350.43	4206617.03	1421.67244	0.00031	0.34521	4.111115E-05	3.5475E-04	610350.43	4206617.03	1421.67244	0.00009	0.34521	4.111115E-05	1.2998E-04	
610357.43	4206617.03	1446.2018	0.00032	0.34675	4.129456E-05	3.60356-04	610357.43	4206617.03	1446.2018	0.00009	0.34675	4.129456E-05	1.3170E-04	
610364.43	4206617.03	1471.18237	0.00032	0.34823	4.14708E-05	3.66036-04	610364.43	4206617.03	1471.18237	0.00009	0.34823	4.14708E-05	1.3343E-04	
610371.43	4206617.03	1496.47376	0.00033	0.34962	4.163635E-05	3.7178E-04	610371.43	4206617.03	1496.47376	0.00009	0.34962	4.163635E-05	1.3518E-04	
610378.43	4206617.03	1522.12483	0.00034	0.35097	4.179716E-05	3.7760E-04	610378.43	4206617.03	1522.12483	0.00010	0.35097	4.179716E-05	1.3695E-04	
610385.43	4206617.03	1548.17363	0.00034	0.35229	4.195435E-05	3.8350E-04	610385.43	4206617.03	1548.17363	0.00010	0.35229	4.195435E-05	1.3873E-04	
610392.43	4206617.03	1574.52772	0.00035	0.35354	4.210316E-05	3.8947E-04	610392.43	4206617.03	1574.52772	0.00010	0.35354	4.210316E-05	1.4053E-04	
610399.43	4206617.03	1601.21158	0.00035	0.35476	4.224846E-05	3.9550E-04	610399.43	4206617.03	1601.21158	0.00010	0.35476	4.224846E-05	1.4234E-04	
610406.43	4206617.03	1628.19034	0.00036	0.35591	4.238454E-05	4.0155E-04	610406.43	4206617.03	1628.19034	0.00010	0.35591	4.238454E-05	1.4416E-04	
610413.43	4206617.03	1655.98898	0.00037	0.35725	4.254495E-05	4.0788E-04	610413.43	4206617.03	1655.98898	0.00010	0.35725	4.254495E-05	1.4606E-04	
610420.43	4206617.03	1684.02369	0.00037	0.35851	4.269505E-05	4.1421E-04	610420.43	4206617.03	1684.02369	0.00011	0.35851	4.269505E-05	1.4796E-04	
610427.43	4206617.03	1712.34677	0.00038	0.35971	4.283795E-05	4.2061E-04	610427.43	4206617.03	1712.34677	0.00011	0.35971	4.283795E-05	1.4988E-04	
610434.43	4206617.03	1741.00437	0.00038	0.36083	4.297135E-05	4.2700E-04	610434.43	4206617.03	1741.00437	0.00011	0.36083	4.297135E-05	1.5180E-04	
610441.43	4206617.03	1769.89833	0.00039	0.36188	4.309635E-05	4.3356E-04	610441.43	4206617.03	1769.89833	0.00011	0.36188	4.309635E-05	1.5368E-04	
610448.43	4206617.03	1799.16823	0.00040	0.36284	4.32107E-05	4.4013E-04	610448.43	4206617.03	1799.16823	0.00011	0.36284	4.32107E-05	1.5568E-04	
610455.43	4206617.03	1828.85303	0.00040	0.36374	4.331788E-05	4.4679E-04	610455.43	4206617.03	1828.85303	0.00011	0.36374	4.331788E-05	1.5764E-04	
610462.43	4206617.03	1858.97708	0.00041	0.36455	4.34143E-05	4.5353E-04	610462.43	4206617.03	1858.97708	0.00012	0.36455	4.34143E-05	1.5962E-04	
610469.43	4206617.03	1889.63748	0.00042	0.36529	4.350246E-05	4.6038E-04	610469.43	4206617.03	1889.63748	0.00012	0.36529	4.350246E-05	1.6162E-04	
610497.43	4206617.03	2019.10563	0.00045	0.36771	4.379066E-05	4.8923E-04	610497.43	4206617.03	2019.10563	0.00013	0.36771	4.379066E-05	1.7001E-04	
610504.43	4206617.03	2053.84867	0.00045	0.36820	4.384405E-05	4.9696E-04	610504.43	4206617.03	2053.84867	0.00013	0.36820	4.384405E-05	1.7224E-04	
610511.43	4206617.03	2089.90148	0.00046	0.36864	4.390145E-05	5.0496E-04	610511.43	4206617.03	2089.90148	0.00013	0.36864	4.390145E-05	1.7454E-04	
610518.43	4206617.03	2127.50458	0.00047	0.36903	4.394786E-05	5.1330E-04	610518.43	4206617.03	2127.50458	0.00013	0.36903	4.394786E-05	1.7694E-04	
610525.43	4206617.03	2166.71279	0.00048	0.36938	4.398955E-05	5.2200E-04	610525.43	4206617.03	2166.71279	0.00014	0.36938	4.398955E-05	1.7943E-04	
610532.43	4206617.03	2207.85789	0.00049	0.36967	4.402402E-05	5.3111E-04	610532.43	4206617.03	2207.85789	0.00014	0.36967	4.402402E-05	1.8204E-04	
610539.43	4206617.03	2251.18535	0.00050	0.36990	4.405134E-05	5.4069E-04	610539.43	4206617.03	2251.18535	0.00014	0.36990	4.405134E-05	1.8477E-04	
610546.43	4206617.03	2296.73223	0.00051	0.37009	4.407041E-05	5.5076E-04	610546.43	4206617.03	2296.73223	0.00014	0.37009	4.407041E-05	1.8764E-04	
610553.43	4206617.03	2344.97355	0.00052	0.37023	4.409075E-05	5.6142E-04	610553.43	4206617.03	2344.97355	0.00015	0.37023	4.409075E-05	1.9068E-04	
610560.43	4206617.03	2396.85636	0.00053	0.37027	4.409555E-05	5.7287E-04	610560.43	4206617.03	2396.85636	0.00015	0.37027	4.409555E-05	1.9392E-04	
610567.43	4206617.03	2451.95231	0.00054	0.37026	4.409433E-05	5.8503E-04	610567.43	4206617.03	2451.95231	0.00015	0.37026	4.409433E-05	1.9737E-04	
610574.43	4206617.03	2510.41736	0.00055	0.37018	4.408488E-05	5.9792E-04	610574.43	4206617.03	2510.41736	0.00016	0.37018	4.408488E-05	2.0101E-04	
610581.43	4206617.03	2572.44166	0.00057	0.37004	4.406801E-05	6.1158E-04	610581.43	4206617.03	2572.44166	0.00016	0.37004	4.406801E-05	2.0487E-04	
610588.43	4206617.03	2638.10413	0.00058	0.36984	4.404043E-05	6.2605E-04	610588.43	4206617.03	2638.10413	0.00016	0.36984	4.404043E-05	2.0895E-04	
610595.43	4206617.03	2707.69019	0.00060	0.36958	4.40133E-05	6.4137E-04	610595.43	4206617.03	2707.69019	0.00017	0.36958	4.40133E-05	2.1327E-04	
610602.43	4206617.03	2780.87761	0.00061	0.36925	4.397408E-05	6.5747E-04	610602.43	4206617.03	2780.87761	0.00017	0.36925	4.397408E-05	2.1781E-04	
610609.43	4206617.03	2857.7427	0.00063	0.36887	4.392888E-05	6.7439E-04	610609.43	4206617.03	2857.7427	0.00018	0.36887	4.392888E-05	2.2257E-04	
610616.43	4206617.03	2938.17715	0.00065	0.36842	4.387525E-05	6.9208E-04	610616.43	4206617.03	2938.17715	0.00018	0.36842	4.387525E-05	2.2754E-04	
610623.43	4206617.03	3022.22565	0.00067	0.36791	4.381445E-05	7.1056E-04	610623.43	4206617.03	3022.22565	0.00019	0.36791	4.381445E-05	2.3273E-04	
610630.43	4206617.03	3111.1365	0.00069	0.36728	4.37370E-05	7.3010E-04	610630.43	4206617.03	3111.1365	0.00019	0.36726	4.37370E-05	2.3821E-04	
610637.43	4206617.03	3204.39609	0.00071	0.36650	4.364656E-05	7.5058E-04	610637.43	4206617.03	3204.39609	0.00020	0.36650	4.364656E-05	2.4395E-04	
610644.43	4206617.03	3300.82689	0.00073	0.36568	4.354895E-05	7.7176E-04	610644.43	4206617.03	3300.82689	0.00021	0.36568	4.354895E-05	2.4988E-04	
610651.43	4206617.03	3400.24737	0.00075	0.36479	4.344295E-05	7.9358E-04	610651.43	4206617.03	3400.24737	0.00021	0.36479	4.344295E-05	2.5599E-04	
610658.43	4206617.03	3502.31688	0.00077	0.36385	4.333095E-05	8.1599E-04	610658.43	4206617.03	3502.31688	0.00022	0.36385	4.333095E-05	2.6226E-04	
610665.43	4206617.03	3606.80499	0.00080	0.36285	4.321305E-05	8.3892E-04	610665.43	4206617.03	3606.80499	0.00023	0.36285	4.321305E-05	2.6868E-04	
610672.43	4206617.03	3713.89694	0.00082	0.36180	4.308688E-05	8.6242E-04	610672.43	4206617.03	3713.89694	0.00023	0.36180	4.308688E-05	2.7524E-04	
610679.43	4206617.03	3822.66864	0.00084	0.36070	4.295585E-05	8.8629E-04	610679.43	4206617.03	3822.66864	0.00024	0.36070	4.295585E-05	2.8191E-04	
610686.43	4206617.03	3933.48774	0.00087	0.35955	4.281889E-05	9.1060E-04	610686.43	4206617.03	3933.48774	0.00025	0.35955	4.281889E-05	2.8870E-04	
610693.43	4206617.03	4046.26846	0.00089	0.35836	4.267716E-05	9.3534E-04	610693.43	4206617.03	4046.26846	0.00025	0.35836	4.267716E-05	2.9561E-04	
610700.43	4206617.03	4154.48235	0.00092	0.35717	4.253545E-05	9.5903E-04	610700.43	4206617.03	4154.48235	0.00026	0.35717	4.253545E-05	3.0223E-04	
610707.43	4206617.03	4261.16833	0.00094	0.35599	4.239138E-05	9.8246E-04	610707.43	4206617.03	4261.16833	0.00027	0.35596	4.239138E-05	3.0876E-04	
610714.43	4206617.03	4368.47238	0.00096	0.35470	4.224135E-05	1.0060E-03	610714.43	4206617.03	4368.47238	0.00027	0.35470	4.224135E-05	3.1532E-04	
610735.43	4206617.03	4695.39267	0.00104	0.35057	4.174946E-05	1.0778E-03	610735.43	4206617.03	4695.39267	0.00029	0.35057	4.174946E-05	3.3526E-04	
610742.43	4206617.03	4806.7433	0.00106	0.34907	4.157085E-05	1.1020E-03	610742.43	4206617.03	4806.7433	0.00030	0.34907	4.157085E-05	3.4204E-04	
610749.43	4206617.03	4919.68467	0.00109	0.34751	4.13850E-05	1.1267E-03	610749.43	4206617.03	4919.68467	0.00031	0.34751	4.13850E-05	3.4892E-04	
610756.43	4206617.03	5034.63938	0.00111	0.34589	4.119215E-05	1.1519E-03	610756.43	4206617.03	5034.63938	0.00031	0.34589	4.119215E-05	3.5591E-04	
610763.43	4206617.03	5152.06889	0.00114	0.34420	4.099085E-05	1.1776E-03	610763.43	4206617.03	5152.06889	0.00032	0.34420	4.099085E-05	3.6305E-04	
610770.43	4206617.03	5272.3236	0.00116	0.34244	4.078125E-05	1.2039E-03	610770.43	4206617.03	5272.3236	0.00033	0.34244	4.078125E-05	3.7036E-04	
610777.43	4206617.03	5395.83697	0.00119	0.34059	4.056096E-05	1.2310E-03	610777.43	4206617.03	5395.83697	0.00034	0.34059	4.056096E-05	3.7786E-04	
610784.43	4206617.03	5523.15097	0.00122	0.33865	4.032995E-05	1.2588E-03	610784.43	4206617.03	5523.15097	0.00035	0.33865	4.032995E-05	3.8538E-04	
610791.43	4206617.03	5654.50052	0.00125	0.33664	4.009055E-05	1.2876E-03	610791.43	4206617.03	5654.50052	0.00035	0.33664	4.009055E-05	3.9355E-04	
610798.43	4206617.03	5790.38657	0.00128	0.33455	3.984165E-05	1.3171E-03	610798.43	4206617.03	5790.38657	0.00036	0.33455	3.984165E-05	4.0188E-04	
610805.43	4206617.03	5930.98109	0.00131	0.33237	3.958205E-05	1.3480E-03	610805.43	4206617.03	5930.98109	0.00037	0.33237	3.958205E-05	4.1038E-04	
610812.43	4206617.03	6076.56825	0.00134	0.33010	3.931166E-05	1.3799E-03	610812.43	4206617.03	6076.56825	0.00038	0.33010	3.931166E-05	4.1916E-04	
610819.43	4206617.03	6227.23563	0.00137	0.32774	3.903056E-05	1.4128E-03	610819.43	4206617.03	6227.23563	0.00039	0.32774	3.903056E-05	4.2830E-04	
610826.43	4206617.03	6383.05076	0.00141	0.32528	3.871766E-05	1.4469E-03	610826.43	4206617.03	6383.05076	0.00040	0.32528	3.871766E-05	4.3774E-04	
610833.43	4206617.03	6544.10236	0.00144	0.32273	3.843406E-05	1.4822E-03	610833.43	4206617.03	6544.10236	0.00041	0.32273	3.843406E-05	4.4751E-04	
610840.43	4206617.03	6710.19079	0.00148	0.32008	3.81184E-05	1.5185E-03	610840.43	4206617.03	6710.19079	0.00042	0.32008	3.81184E-05	4.5757E-04	
610847.43	4206617.03	6881.15797	0.00152	0.31734	3.779215E-05	1.5559E-03	610847.43	4206617.03	6881.15797	0.00043	0.31734	3.779215E-05	4.6793E-04	
610854.43	4206617.03	7056.78513	0.00156	0.31450	3.745388E-05	1.5943E-03	610854.43	4206617.03	7056.78513	0.00044	0.31450	3.745388E-05	4.7857E-04	
610861.43	4206617.03	7236.60566	0.00160	0.31158	3.710615E-05	1.6338E-03	610861.43	4206617.03	7236.60566	0.00045	0.31158	3.710615E-05	4.8947E-04	
610868.43	4206617.03	7420.17633	0.00164	0.30856	3.674646E-05	1.6737E-03	610868.43	4206617.03	7420.17633	0.00046	0.30856	3.674646E-05	5.0058E-04	
610875.43	4206617.03	7606.90424	0.00168	0.30545	3.637615E-05	1.7146E-03	610875.43	4206617.03	7606.90424	0.00048	0.30545	3.637615E-05	5.1189E-04	
610882.43	4206617.03	7796.21027	0.00172	0.30227	3.599745E-05	1.7559E-03	610882.43	4206617.03	7796.21027	0.00049	0.30227	3.599745E-05	5.2334E-04	
610889.43	4206617.03	7987.4502	0.00176	0.29900	3.560795E-05	1.7977E-03	610889.43	4206617.03	7987.4502	0.00050	0.29900	3.560795E-05	5.3490E-04	
610910.43	4206617.03	8565.91326	0.00189	0.28879	3.439205E-05	1.9241E-03	610910.43	4206617.03	8565.91326	0.00054	0.28879	3.439205E-05	5.6985E-04	
610917.43	4206617.03	8757.86708	0.00193	0.28527	3.39728E-05	1.9661E-03	610917.43	4206617.03	8757.86708	0.00055	0.28527	3.39728E-05	5.8143E-04	
610924.43	4206617.03	8948.19429	0.00197	0.28169	3.354656E-05	2.0076E-03	610924.43	4206617.03	8948.19429	0.00056	0.28169	3.354656E-05	5.9290E-04	
610931.43	4206617.03	9136.0889	0.00202	0.27807	3.311546E-05	2.0487E-03	610931.43	4206617.03	9136.0889	0.00057	0.27807	3.311546E-05	6.0421E-04	
610938.43	4206617.03	9320.86208	0.00206	0.27441	3.267956E-05	2.0890E-03	610938.43	4206617.03	9320.86208	0.00058	0.27441	3.267956E-05	6.1539E-04	
610945.43	4206617.03	9502.01725	0.00210	0.27071	3.223895E-05	2.1285E-03	610945.43	4206617.03	9502.01725	0.00059	0.27071	3.223895E-05	6.2621E-04	
610952.43	4206617.03	9678.71806	0.00214	0.26699	3.179595E-05	2.1671E-03	610952.43	4206617.03	9678.71806	0.00061	0.26699	3.179595E-05	6.3681E-04	
610959.43	4206617.03	9850.58504	0.00217	0.26325	3.135055E-05	2.2045E-03	610959.43	4206617.03	9850.58504	0.00062	0.26325	3.135055E-05	6.4711E-04	
610966.43	4206617.03	10016.97722	0.00221	0.25948	3.090156E-05	2.2408E-03	610966.43	4206617.03	10016.97722	0.00063	0.25948	3.090156E-05	6.5708E-04	
610973.43	4206617.03	10177.35498	0.00225	0.25571	3.045256E-05	2.2757E-03	610973.43	4206617.03	10177.35498	0.00064	0.25571	3.045256E-05	6.6664E-04	
610994.43	4206617.03	10618.81236	0.00234	0.24436	2.910098E-05	2.3718E-03	610994.43	4206617.03	10618.81236	0.00066	0.24436	2.910098E-05	6.9288E-04	
611001.43	4206617.03	10751.63974	0.00237	0.24058	2.865076E-05	2.4068E-03	611001.43	4206617.03	10751.63974	0.00067	0.24058	2.865076E-05	7.0074E-04	
611008.43	4206617.03	10876.79213	0.00240	0.23682	2.820296E-05	2.4278E-03	611008.43	4206617.03	10876.79213	0.00068	0.23682	2.820296E-05	7.0811E-04	
611015.43	4206617.03	10994.2458	0.00243	0.23306	2.775515E-05	2.4532E-03	611015.43	4206617.03	10994.2458	0.00069	0.23306	2.775515E-05	7.1501E-04	
611022.43	4206617.03	11103.74518	0.00245	0.22913	2.731039E-05	2.4768E-03	611022.43	4206617.03	11103.74518	0.00069	0.22933	2.731039E-05	7.2141E-04	
611029.43	4206617.03	11205.21392	0.00247	0.22561	2.686796E-05	2.4989E-03	611029.43	4206617.03	11205.21392	0.00070	0.22561	2.686796E-05	7.2731E-04	
611036.43	4206617.03	11298.63858	0.00249	0.22192	2.643855E-05	2.5193E-03	611036.43	4206617.03	11298.63858	0.00071	0.22192	2.643855E-05	7.3271E-04	
611043.43	4206617.03	11383.89699	0.00251	0.21826	2.599266E-05	2.5374E-03	611043.43	4206617.03	11383.89699	0.00071	0.21826	2.599266E-05	7.3760E-04	
611050.43	4206617.03	11461.16377	0.00253	0.21462	2.555916E-05	2.5540E-03	611050.43	4206617.03	11461.16377	0.00072	0.21462	2.555916E-05	7.4200E-04	
611057.43	4206617.03	11530.38944	0.00254	0.21102	2.513046E-05	2.5688E-03	611057.43	4206617.03	11530.38944	0.00072	0.21102	2.513046E-05	7.4590E-04	
611078.43	4206617.03	11691.28345	0.00258	0.20043	2.386925E-05	2.6031E-03	611078.43	4206617.03	11691.28345	0.00073	0.20043	2.386925E-05	7.5469E-04	
611085.43	4206617.03	11729.61516	0.00259	0.19698	2.345845E-05	2.6112E-03	611085.43	4206617.03	11729.61516	0.00073	0.19698	2.345845E-05	7.5668E-04	
611092.43	4206617.03	11760.59183	0.00259	0.19357	2.305528E-05	2.6178E-03	611092.43	4206617.03	11760.59183	0.00074	0.19357	2.305528E-05	7.5822E-04	
610047.65	4206286.3	1669.13837	0.00037	0.82044	5.740676E-04	9.4230E-04	610047.65	4206286.3	1669.13837	0.00010	0.82044	5.740676E-04	6.7840E-04	
610039.73	4206284.3	1631.50572	0.00036	0.83726	5.855805E-04	9.4552E-04	610039.73	4206284.3	1631.50572	0.00010	0.83726	5.855805E-04	6.8757E-04	
610043.53	4206284.3	1658.03588	0.00037	0.83726	5.855805E-04	9.4552E-04	610043.53	4206284.3	1658.03588	0.00010	0.83726	5.855805E-04	6.8757E-04	
610043.53	4206284.3	1658.03588	0.00037	0.49113	5.348498E-04	9.0063E-04	610043.53	4206284.3	1658.03588	0.00010	0.49113	5.348498E-04	6.3849E-04	
610039.41	4206281.55	1649.88163	0.00036	0.49589	4.87780E-04	8.5177E-04	610039.41	4206281.55	1649.88163	0.00010	0.49589	4.87780E-04	5.9091E-04	
610047.33	4206280.92	1688.97156	0.00037	0.39660	4.759564E-04	8.4857E-04	610047.33	4206280.92	1688.97156	0.00011	0.39660	4.759564E-04	5.0097E-04	
610056.94	4206274.55	1761.6126	0.00039	0.38196	3.908498E-04	7.7948E-04	610056.94	4206274.55	1761.6126	0.00011	0.38196	3.908498E-04	5.0097E-04	
610016.6	4206276.59	1568.34672	0.00035	0.54091	4.216875E-04	7.6769E-04	610016.6	4206276.59	1568.34672	0.00010	0.54091	4.216875E-04	5.1978E-04	
610010.58	4206276.91	1542.25637	0.00034	0.58262	4.266556E-04	7.6690E-04	610010.58	4206276.91	1542.25637	0.00010	0.58262	4.266556E-04	5.2306E-04	
609990.09	4206276.91	1461.70271	0.00032	0.60158	4.289138E-04	7.5138E-04	609990.09	4206276.91	1461.70271	0.00009	0.60158	4.289138E-04	5.2028E-04	
609997.17	4206277.12	1488.11098	0.00033	0.61814	4.308805E-04	7.5058E-04	609997.17	4206277.12	1488.11098	0.00009	0.61814	4.308805E-04	5.2391E-04	
610003.29	4206276.8	1513.1878	0.00033	0.57801	4.261066E-04	7.5994E-04	610003.29	4206276.8	1513.1878	0.00009	0.57801	4.261066E-04	5.2070E-04	
610016.87	4206272.41	1584.06048	0.00035	0.13993	3.739355E-04	7.2340E-04	610016.87	4206272.41	1584.06048	0.00010	0.13993	3.739355E-04	4.7295E-04	
610010.86	4206272.72	1557.65023	0.00034	0.17461	3.788065E-04	7.2170E-04	610010.86	4206272.72	1557.65023	0.00010	0.17461	3.788065E-04	4.7543E-04	
609990.37	4206272.72	1475.83562	0.00033	0.19295	3.802498E-04	7.0584E-04	609990.37	4206272.72	1475.83562	0.00009	0.19295	3.802498E-04	4.7250E-04	
609997.44	4206272.93	1502.62638	0.00033	0.20551	3.818464E-04	7.1338E-04	609997.44	4206272.93	1502.62638	0.00009	0.20551	3.818464E-04	4.7570E-04	
610003.57	4206272.62	1528.08873	0.00034	0.17417	3.780126E-04	7.1513E-04	610003.57	4206272.62	1528.08873	0.00010	0.17417	3.780126E-04	4.7353E-04	
610016.77	4206267.65	1600.28161	0.00035	2.76913	3.297776E-04	6.8282E-04	610016.77	4206267.65	1600.28161	0.00010	2.76913	3.297776E-04	4.2981E-04	
610010.75	4206267.97	1573.37895	0.00035	2.78893	3.333254E-04	6.8043E-04	610010.75	4206267.97	1573.37895	0.00010	2.78893	3.333254E-04	4.3168E-04	
609990.26	4206267.97	1490.26013	0.00033	2.81885	3.356976E-04	6.6447E-04	609990.26	4206267.97	1490.26013	0.00009	2.81885	3.356976E-04	4.2885E-04	
609997.34	4206268.18	1517.52085	0.00033	2.82831	3.368240E-04	6.7161E-04	609997.34	4206268.18	1517.52085	0.00009	2.82831	3.368240E-04	4.3168E-04	
610003.46	4206267.87	1543.33672	0.00034	2.80027	3.334864E-04	6.7397E-04	610003.46	4206267.87	1543.33672	0.00010	2.80027	3.334864E-04	4.2996E-04	
610053.21	4206274.91	1741.64056	0.00038	3.31869	3.952231E-04	7.7945E-04	610053.21	4206274.91	1741.64056	0.00011	3.31869	3.952231E-04	5.0409E-04	
610060.84	4206274.45	1781.82639	0.00039	3.27033	3.894645E-04	7.8256E-04	610060.84	4206274.45	1781.82639	0.00011	3.27033	3.894645E-04	5.0085E-04	
610056.81	4206270.86	1775.53476	0.00039	2.96553	3.531655E-04	7.4487E-04	610056.81	4206270.86	1775.53476	0.00011	2.96553	3.531655E-04	6.6415E-04	
610053.08	4206271.22	1755.32311	0.00039	2.99567	3.567555E-04	7.4400E-04	610053.08	4206271.22	1755.32311	0.00011	2.99567	3.567555E-04	6.6648E-04	
610060.71	4206270.76	1796.00141	0.00040	2.95618	3.520526E-04	7.4827E-04	610060.71	4206270.76	1796.00141	0.00011	2.95618	3.520526E-04	6.6432E-04	
610056.43	4206267.19	1788.08746	0.00039	2.70182	3.217606E-04	7.1624E-04	610056.43	4206267.19	1788.08746	0.00011	2.70182	3.217606E-04	4.3353E-04	
610052.7	4206267.55	1767.54287	0.00039	2.72687	3

609759.32	4206333.87	791.74305	0.00017	4.82521	5.746356-04	7.4930E-04
609768.19	4206333.87	804.89533	0.00018	4.94584	5.890018-04	7.6657E-04
609777.06	4206333.87	818.40644	0.00018	5.05233	6.016838-04	7.8223E-04
609785.93	4206333.87	832.32346	0.00018	5.14621	6.128638-04	7.9648E-04
609794.8	4206333.87	846.60626	0.00019	5.23231	6.231168-04	8.0989E-04
609803.67	4206333.87	861.29244	0.00019	5.31087	6.324728-04	8.2248E-04
609812.54	4206333.87	876.43168	0.00019	5.38145	6.408788-04	8.3423E-04
609821.41	4206333.87	891.97826	0.00020	5.44854	6.488678-04	8.4565E-04
609830.28	4206333.87	908.15685	0.00020	5.50615	6.557288-04	8.5608E-04
609839.15	4206333.87	924.98596	0.00020	5.55685	6.617668-04	8.6583E-04
609848.02	4206333.87	942.31179	0.00021	5.60767	6.678188-04	8.7570E-04
609856.89	4206333.87	960.1994	0.00021	5.65784	6.737938-04	8.8563E-04
609868.36	4206340.84	691.37683	0.00015	1.67672	1.996818-04	3.5221E-04
609697.23	4206340.84	701.83862	0.00015	2.04668	2.437398-04	3.9857E-04
609706.1	4206340.84	712.55517	0.00016	2.40946	2.869438-04	4.4414E-04
609714.97	4206340.84	723.53739	0.00016	2.73112	3.252498-04	4.8687E-04
609723.84	4206340.84	734.79674	0.00016	3.00281	3.576058-04	5.1971E-04
609732.71	4206340.84	746.34245	0.00016	3.22918	3.845638-04	5.4922E-04
609741.58	4206340.84	758.18553	0.00017	3.41804	4.070558-04	5.7432E-04
609750.45	4206340.84	770.31181	0.00017	3.57770	4.260698-04	5.9601E-04
609759.32	4206340.84	782.85495	0.00017	3.71125	4.419738-04	6.1468E-04
609768.19	4206340.84	795.76873	0.00018	3.82550	4.555798-04	6.3114E-04
609777.06	4206340.84	809.0083	0.00018	3.92588	4.675348-04	6.4601E-04
609785.93	4206340.84	822.6114	0.00018	4.01484	4.781288-04	6.5961E-04
609794.8	4206340.84	836.62034	0.00018	4.09360	4.875078-04	6.7208E-04
609803.67	4206340.84	850.99125	0.00019	4.16506	4.960178-04	6.8378E-04
609812.54	4206340.84	865.79549	0.00019	4.22976	5.037238-04	6.9478E-04
609821.41	4206340.84	880.99521	0.00019	4.28927	5.108108-04	7.0517E-04
609830.28	4206340.84	896.84905	0.00020	4.34150	5.170088-04	7.1488E-04
609839.15	4206340.84	913.30318	0.00020	4.38930	5.227228-04	7.2421E-04
609848.02	4206340.84	930.32141	0.00021	4.43458	5.281158-04	7.3336E-04
609856.89	4206340.84	947.84831	0.00021	4.47915	5.334228-04	7.4253E-04
609868.36	4206347.81	684.20807	0.00015	1.29665	1.544188-04	3.0536E-04
609697.23	4206347.81	694.4637	0.00015	1.55087	1.846938-04	3.3790E-04
609706.1	4206347.81	704.98703	0.00016	1.81645	2.163218-04	3.7185E-04
609714.97	4206347.81	715.77127	0.00016	2.06869	2.463618-04	4.0427E-04
609723.84	4206347.81	726.82391	0.00016	2.29482	2.732008-04	4.3564E-04
609732.71	4206347.81	738.15694	0.00016	2.49196	2.967688-04	4.5962E-04
609741.58	4206347.81	749.78561	0.00017	2.66192	3.170088-04	4.8242E-04
609750.45	4206347.81	761.71844	0.00017	2.80833	3.344448-04	5.0248E-04
609759.32	4206347.81	774.01298	0.00017	2.93393	3.494028-04	5.2016E-04
609768.19	4206347.81	786.63371	0.00017	3.04299	3.623908-04	5.3593E-04
609777.06	4206347.81	799.62153	0.00018	3.13829	3.737398-04	5.5015E-04
609785.93	4206347.81	812.93091	0.00018	3.22262	3.837828-04	5.6313E-04
609794.8	4206347.81	826.63017	0.00018	3.29750	3.927008-04	5.7507E-04
609803.67	4206347.81	840.67989	0.00019	3.36498	4.007368-04	5.8620E-04
609812.54	4206347.81	855.16036	0.00019	3.42556	4.079508-04	5.9661E-04
609821.41	4206347.81	870.02286	0.00019	3.48130	4.145888-04	6.0653E-04
609830.28	4206347.81	885.55934	0.00020	3.53063	4.204638-04	6.1583E-04
609839.15	4206347.81	901.67962	0.00020	3.57609	4.258778-04	6.2488E-04
609848.02	4206347.81	918.30326	0.00020	3.61924	4.310168-04	6.3361E-04
609856.89	4206347.81	935.46178	0.00021	3.66077	4.359628-04	6.4234E-04
609868.36	4206354.78	677.06681	0.00015	1.04221	1.241178-04	2.7349E-04
609697.23	4206354.78	687.16007	0.00015	1.22322	1.456738-04	2.9727E-04
609706.1	4206354.78	697.47731	0.00015	1.41972	1.690758-04	3.2295E-04
609714.97	4206354.78	708.07048	0.00016	1.61620	1.924738-04	3.4868E-04
609723.84	4206354.78	718.92736	0.00016	1.80152	2.145438-04	3.7315E-04
609732.71	4206354.78	730.06024	0.00016	1.96997	2.346048-04	3.9567E-04
609741.58	4206354.78	741.47291	0.00016	2.12023	2.524988-04	4.1608E-04
609750.45	4206354.78	753.17948	0.00017	2.25289	2.683978-04	4.3446E-04
609759.32	4206354.78	765.21207	0.00017	2.36934	2.821658-04	4.5098E-04
609768.19	4206354.78	777.58279	0.00017	2.47182	2.943698-04	4.6591E-04
609777.06	4206354.78	790.25508	0.00017	2.56238	3.051548-04	4.7950E-04
609785.93	4206354.78	803.29855	0.00018	2.64276	3.147278-04	4.9195E-04
609794.8	4206354.78	816.67239	0.00018	2.71456	3.232778-04	5.0345E-04
609803.67	4206354.78	830.44336	0.00018	2.77894	3.309448-04	5.1415E-04
609812.54	4206354.78	844.59885	0.00019	2.83705	3.378658-04	5.2419E-04
609821.41	4206354.78	859.15328	0.00019	2.88975	3.441418-04	5.3368E-04
609830.28	4206354.78	874.33337	0.00019	2.93763	3.498438-04	5.4273E-04
609839.15	4206354.78	890.11676	0.00020	2.98173	3.550958-04	5.5147E-04
609848.02	4206354.78	906.39486	0.00020	3.02328	3.600438-04	5.6001E-04
609856.89	4206354.78	923.18763	0.00020	3.06312	3.647878-04	5.6846E-04
609868.36	4206361.75	669.91883	0.00015	0.86221	1.026818-04	2.5047E-04
609697.23	4206361.75	679.83262	0.00015	0.99570	1.185788-04	2.6856E-04
609706.1	4206361.75	689.98516	0.00015	1.14340	1.361688-04	2.8839E-04
609714.97	4206361.75	700.38516	0.00015	1.29877	1.546328-04	3.0895E-04
609723.84	4206361.75	711.0223	0.00016	1.44748	1.723818-04	3.2924E-04
609732.71	4206361.75	721.94501	0.00016	1.58963	1.893098-04	3.4858E-04
609741.58	4206361.75	733.13826	0.00016	1.72050	2.048958-04	3.6663E-04
609750.45	4206361.75	744.61436	0.00016	1.83897	2.190038-04	3.8328E-04
609759.32	4206361.75	756.40993	0.00017	1.94540	2.316788-04	3.9855E-04
609768.19	4206361.75	768.49259	0.00017	2.04069	2.430268-04	4.1257E-04
609777.06	4206361.75	780.92595	0.00017	2.12596	2.531818-04	4.2546E-04
609785.93	4206361.75	793.66143	0.00018	2.20235	2.622788-04	4.3737E-04
609794.8	4206361.75	806.76421	0.00018	2.27104	2.704588-04	4.4844E-04
609803.67	4206361.75	820.22308	0.00018	2.33282	2.778168-04	4.5875E-04
609812.54	4206361.75	834.05364	0.00018	2.38884	2.844878-04	4.6848E-04
609821.41	4206361.75	848.2698	0.00019	2.43970	2.905448-04	4.7768E-04
609830.28	4206361.75	863.12852	0.00019	2.48611	2.960728-04	4.8649E-04
609839.15	4206361.75	878.57743	0.00019	2.52913	3.011948-04	4.9502E-04
609848.02	4206361.75	894.50894	0.00020	2.56954	3.060078-04	5.0335E-04
609856.89	4206361.75	910.95033	0.00020	2.60814	3.106048-04	5.1153E-04
610626.79	4206314.62	54977.39259	0.01213	6.47841	7.715158-04	1.2900E-02
610758.51	4206316.46	275773.904	0.06084	8.67569	8.046808-05	6.0920E-02
610764.49	4206027.44	85900.68046	0.01895	0.05788	6.892948-06	1.8958E-02
610678.11	4206026.84	216557.9821	0.04778	0.08930	1.063478-05	4.7786E-02
610678.11	4206019.82	195221.9911	0.04307	0.08644	1.029418-05	4.3079E-02
610677.96	4206019.22	193602.3767	0.04271	0.08627	1.027398-05	4.2722E-02
610671.98	4206019.22	194498.4174	0.04291	0.08896	1.059438-05	4.2920E-02
610672.13	4206010.55	172326.3828	0.03802	0.08542	1.017278-05	3.8028E-02
610664.66	4206010.7	177455.5845	0.03915	0.08873	1.056698-05	3.9160E-02
610664.66	4206013.39	183914.4744	0.04057	0.08985	1.070028-05	4.0585E-02
610664.51	4206018.92	196178.2687	0.04328	0.09228	1.098968-05	4.3291E-02
610664.51	4206019.67	197853.1206	0.04365	0.09261	1.102898-05	4.3660E-02
610665.41	4206025.5	212017.7762	0.04677	0.09480	1.128978-05	4.6785E-02
610628.64	4206024.3	188716.4762	0.04163	0.11327	1.348938-05	4.1647E-02
610625.95	4206028.19	188897.8203	0.04167	0.11713	1.394908-05	4.1687E-02
610625.95	4206063.81	210951.3944	0.04654	0.14186	1.689418-05	4.6556E-02
610626.25	4206102.46	218042.1943	0.04810	0.18547	2.208768-05	4.8125E-02
610626.4	4206155.21	211889.825	0.04675	0.28785	3.428018-05	4.6780E-02
610626.55	4206190.63	201639.6533	0.04448	0.42321	5.040018-05	4.4535E-02
610626.55	4206202.14	197019.7888	0.04347	0.49124	5.850188-05	4.3524E-02
610626.7	4206204.98	196114.3137	0.04327	0.51019	6.075868-05	4.3326E-02
610626.85	4206213.34	192474.4964	0.04246	0.57485	6.845908-05	4.2531E-02
610626.85	4206216.78	190643.8838	0.04206	0.60569	7.213178-05	4.2131E-02
610626.7	4206228.29	183461.5207	0.04047	0.73171	8.713948-05	4.0561E-02
610626.85	4206264.9	149700.288	0.03303	1.59444	1.898828-04	3.3216E-02
610626.85	4206289.71	106624.9792	0.02352	3.51754	4.189048-04	2.3942E-02
610627.15	4206302.86	75262.74571	0.01660	6.23372	7.423748-04	1.7346E-02
CONCUNIT ug/	m^3					
DEPUNIT g/m^	2					

609759.32	4206333.87	791.74305	0.00005	4.82521	5.746356-04	6.2413E-04
609768.19	4206333.87	804.89533	0.00005	4.94584	5.890018-04	6.3931E-04
609777.06	4206333.87	818.40644	0.00005	5.05233	6.016838-04	6.5284E-04
609785.93	4206333.87	832.32346	0.00005	5.14621	6.128638-04	6.6489E-04
609794.8	4206333.87	846.60626	0.00005	5.23231	6.231168-04	6.7604E-04
609803.67	4206333.87	861.29244	0.00005	5.31087	6.324728-04	6.8631E-04
609812.54	4206333.87	876.43168	0.00005	5.38145	6.408788-04	6.9566E-04
609821.41	4206333.87	891.97826	0.00006	5.44854	6.488678-04	7.0462E-04
609830.28	4206333.87	908.15685	0.00006	5.50615	6.557288-04	7.1250E-04
609839.15	4206333.87	924.98596	0.00006	5.55685	6.617668-04	7.1959E-04
609848.02	4206333.87	942.31179	0.00006	5.60767	6.678188-04	7.2672E-04
609856.89	4206333.87	960.1994	0.00006	5.65784	6.737938-04	7.3382E-04
609868.36	4206340.84	691.37683	0.00004	1.67672	1.996818-04	2.4290E-04
609697.23	4206340.84	701.83862	0.00004	2.04668	2.437398-04	2.8761E-04
609706.1	4206340.84	712.55517	0.00004	2.40946	2.869438-04	3.3148E-04
609714.97	4206340.84	723.53739	0.00005	2.73112	3.252498-04	3.7048E-04
609723.84	4206340.84	734.79674	0.00005	3.00281	3.576058-04	4.0354E-04
609732.71	4206340.84	746.34245	0.00005	3.22918	3.845638-04	4.3122E-04
609741.58	4206340.84	758.18553	0.00005	3.41804	4.070558-04	4.5445E-04
609750.45	4206340.84	770.31181	0.00005	3.57770	4.260698-04	4.7422E-04
609759.32	4206340.84	782.85495	0.00005	3.71125	4.419738-04	4.9091E-04
609768.19	4206340.84	795.76873	0.00005	3.82550	4.555798-04	5.0532E-04
609777.06	4206340.84	809.0083	0.00005	3.92588	4.675348-04	5.1810E-04
609785.93	4206340.84	822.6114	0.00005	4.01484	4.781288-04	5.2955E-04
609794.8	4206340.84	836.62034	0.00005	4.09360	4.875078-04	5.3980E-04
609803.67	4206340.84	850.99125	0.00005	4.16506	4.960178-04	5.4921E-04
609812.54	4206340.84	865.79549	0.00005	4.22976	5.037238-04	5.5784E-04
609821.41	4206340.84	880.99521	0.00006	4.28927	5.108108-04	5.6588E-04
609830.28	4206340.84	896.84905	0.00006	4.34150	5.170088-04	5.7308E-04
609839.15	4206340.84	913.30318	0.00006	4.38930	5.227228-04	5.7981E-04
609848.02	4206340.84	930.32141	0.00006	4.43458	5.281158-04	5.8627E-04
609856.89	4206340.84	947.84831	0.00006	4.47915	5.334228-04	5.9267E-04
609868.36	4206347.81	684.20807	0.00004	1.29665	1.544188-04	1.9719E-04
609697.23	4206347.81	694.4637	0.00004	1.55087	1.846938-04	2.2810E-04
609706.1	4206347.81	704.98703	0.00004	1.81645	2.163218-04	2.6039E-04
609714.97	4206347.81	715.77127	0.00004	2.06869	2.463618-04	2.9310E-04
609723.84	4206347.81	726.82391	0.00005	2.29482	2.732008-04	3.1872E-04
609732.71	4206347.81	738.15694	0.00005	2.49196	2.967688-04	3.4291E-04
609741.58	4206347.81	749.78561	0.00005	2.66192	3.170088-04	3.6388E-04
609750.45	4206347.81	761.71844	0.00005	2.80833	3.344448-04	3.8203E-04
609759.32	4206347.81	774.01298	0.00005	2.93393	3.494028-04	3.9779E-04
609768.19	4206347.81	786.63371	0.00005	3.04299	3.623908-04	4.1156E-04
609777.06	4206347.81	799.62153	0.00005	3.13829	3.737398-04	4.2372E-04
609785.93	4206347.81	812.93091	0.00005	3.22262	3.837828-04	4.3460E-04
609794.8	4206347.81	826.63017	0.00005	3.29750	3.927008-04	4.4437E-04
609803.67	4206347.81	840.67989	0.00005	3.36498	4.007368-04	4.5329E-04
609812.54	4206347.81	855.16036	0.00005	3.42556	4.079508-04	4.6141E-04
609821.41	4206347.81	870.02286	0.00005	3.48130	4.145888-04	4.6897E-04
609830.28	4206347.81	885.55934	0.00006	3.53063	4.204638-04	4.7582E-04
609839.15	4206347.81	901.67962	0.00006	3.57609	4.258778-04	4.8224E-04
609848.02	4206347.81	918.30326	0.00006	3.61924	4.310168-04	4.8842E-04
609856.89	4206347.81	935.46178	0.00006	3.66077	4.359628-04	4.9444E-04
609868.36	4206354.78	677.06681	0.00004	1.04221	1.241178-04	1.6644E-04
609697.23	4206354.78	687.16007	0.00004	1.22322	1.456738-04	1.8863E-04
609706.1	4206354.78	697.47731	0.00004	1.41972	1.690758-04	2.1267E-04
609714.97	4206354.78	708.07048	0.00004	1.61620	1.924738-04	2.3674E-04
609723.84	4206354.78	718.92736	0.00004	1.80152	2.145438-04	2.5948E-04
609732.71	4206354.78	730.06024	0.00005	1.96997	2.346048-04	2.8024E-04
609741.58	4206354.78	741.47291	0.00005	2.12023	2.524988-04	2.9885E-04
609750.45	4206354.78	753.17948	0.00005	2.25289	2.683978-04	3.1538E-04
609759.32	4206354.78	765.21207	0.00005	2.36934	2.821658-04	3.3008E-04
609768.19	4206354.78	777.58279	0.00005	2.47182	2.943698-04	3.4298E-04
609777.06	4206354.78	790.25508	0.00005	2.56238	3.051548-04	3.5450E-04
609785.93	4206354.78	803.29855	0.00005	2.64276	3.147278-04	3.6494E-04
609794.8	4206354.78	816.67239	0.00005	2.71456	3.232778-04	3.7433E-04
609803.67	4206354.78	830.44336	0.00005	2.77894	3.309448-04	3.8286E-04
609812.54	4206354.78	844.59885	0.00005	2.83705	3.378658-04	3.9066E-04
609821.41	4206354.78	859.15328	0.00005	2.88975	3.441418-04	3.9785E-04
609830.28	4206354.78	874.33337	0.00005	2.93763	3.498438-04	4.0450E-04
609839.15	4206354.78	890.11676	0.00006	2.98173	3.550958-04	4.1074E-04
609848.02	4206354.78	906.39486	0.00006	3.02328	3.600438-04	4.1670E-04
609856.89	4206354.78	923.18763	0.00006	3.06312	3.647878-04	4.2250E-04
609868.36	4206361.75	669.91883	0.00004	0.86221	1.026818-04	1.4456E-04
609697.23	4206361.75	679.83262	0.00004	0.99570	1.185788-04	1.6107E-04
609706.1	4206361.75	689.98516	0.00004	1.14340	1.361688-04	1.7930E-04
609714.97	4206361.75	700.38516	0.00004	1.29877	1.546328-04	1.9821E-04
609723.84	4206361.75	711.0223	0.00004	1.44748	1.723818-04	2.1683E-04
609732.71	4206361.75	721.94501	0.00005	1.58963	1.893098-04	2.3444E-04
609741.58	4206361.75	733.13826	0.00005	1.72050	2.048958-04	2.5072E-04
609750.45	4206361.75	744.61436	0.00005	1.83897	2.190038-04	2.6555E-04
609759.32	4206361.75	756.40993	0.00005	1.94540	2.316788-04	2.7898E-04
609768.19	4206361.75	768.49259	0.00005	2.04069	2.430268-04	2.9106E-04
609777.06	4206361.75	780.92595	0.00005	2.12596	2.531818-04	3.0200E-04
609785.93	4206361.75	793.66143	0.00005	2.20235	2.622788-04	3.1189E-04
609794.8	4206361.75	806.76421	0.00005	2.27104	2.704588-04	3.2089E-04
609803.67	4206361.75	820.22308	0.00005	2.33282	2.778168-04	3.2909E-04
609812.54	4206361.75	834.05364	0.00005	2.38884	2.844878-04	3.3662E-04
609821.41	4206361.75	848.2698	0.00005	2.43970	2.905448-04	3.4357E-04
609830.28	4206361.75	863.12852	0.00005	2.48611	2.960728-04	3.5003E-04
609839.15	4206361.75	878.57743	0.00005	2.52913	3.011948-04	3.5611E-04
609848.02	4206361.75	894.50894	0.00006	2.56954	3.060078-04	3.6192E-04
609856.89	4206361.75	910.95033	0.00006	2.60814	3.106048-04	3.6750E-04
610626.79	4206314.62	54977.39259	0.00344	6.47841	7.715158-04	4.2082E-03
610758.51	4206316.46	275773.904	0.01724	8.67569	8.046808-05	1.7319E-02
610764.49	4206027.44	85900.68046	0.00537	0.05788	6.892948-06	5.3766E-03
610678.11	4206026.84	216557.9821	0.01354	0.08930	1.063478-05	1.3548E-02
610678.11	4206019.82	195221.9911	0.01220	0.08644	1.029418-05	1.2214E-02
610677.96	4206019.22	193602.3767	0.01210	0.08627	1.027398-05	1.2112E-02
610671.98	4206019.22	194498.4174	0.01216	0.08896	1.059438-05	1.2169E-02
610672.13	4206010.55	172326.3828	0.01077	0.08542	1.017278-05	1.0782E-02
610664.66	4206010.7	177455.5845	0.01109	0.08873	1.056698-05	1.1103E-02
610664.66	4206013.39	183914.4744	0.01150	0.08985	1.070028-05	1.1507E-02
610664.51	4206018.92	196178.2687	0.01226	0.09228	1.098968-05	1.2274E-02
610664.51	4206019.67	197853.1206	0.01237	0.09261	1.102898-05	1.2379E-02
610665.41	4206025.5	212017.7762	0.01325	0.09480	1.128978-05	1.3265E-02
610628.64	4206024.3	188716.4762	0.01180	0.11327	1.348938-05	1.1810E-02
610625.95	4206028.19	188897.8203	0.01181	0.11713	1.394908-05	1.1822E-02
610625.95	4206063.81	210951.3944	0.01319	0.14186	1.689418-05	1.3204E-02
610626.25	4206102.46	218042.1943	0.01363	0.18547	2.208768-05	1.3652E-02
610626.4	4206155.21	211889.825	0.01325	0.28785	3.428018-05	1.3280E-02
610626.55	4206190.63	201639.6533	0.01260	0.42321	5.040018-05	1.2655E-02
610626.55	4206202.14	197019.7888	0.01232	0.49124	5.850188-05	1.2374E-02
610626.7	4206204.98	196114.3137	0.01226	0.51019	6.075868-05	1.2320E-02
610626.85	4206213.34	192474.4964	0.01203	0.57485	6.845908-05	1.2100E-02
610626.85	4206216.78	190643.8838	0.01192	0.60569	7.213178-05	1.1989E-02
610626.7	4206228.29	183461.5207	0.01147	0.73171	8.713948-05	1.1555E-02
610626.85	4206264.9	149700.288	0.00936	1.59444	1.898828-04	9.5477E-03
610626.85	4206289.71	106624.9792	0.00667	3.51754	4.189048-04	7.0841E-03
610627.15	4206302.86	75262.74571	0.00470	6.23372	7.423748-04	5.4471E-03
CONCUNIT ug/	m^3					
DEPUNIT g/m^	2					

The Vines at Oakley Project

Estimates of Chronic Non-Cancer Hazard Index (CNCHI)
Unmitigated
Chronic Non-Cancer Hazard Index at the Maximum Impacted Sensitive Receptor
Reference Exposure Level (REL) for DPM: 5 ug/m3
CNCHI = DPM/REL

X (m)	Y (m)	Max DPM (ug/m3)	CNCHI
610770.43	4206197.03	0.0564	0.01129

Unmitigated
Annual PM2.5 Total (Exhaust + Fugitive Dust)

X (m)	Y (m)	Max PM2.5 (ug/m3)
610770.43	4206197.03	0.0709

Mitigated
Chronic Non-Cancer Hazard Index at the Maximum Impacted Sensitive Receptor
Reference Exposure Level (REL) for DPM: 5 ug/m3
CNCHI = DPM/REL

X (m)	Y (m)	Max DPM (ug/m3)	CNCHI
610770.43	4206197.03	0.0056	0.00113

Mitigated
Annual PM2.5 Total (Exhaust + Fugitive Dust)

X (m)	Y (m)	Max PM2.5 (ug/m3)
610770.43	4206197.03	0.0201

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*  AERMOD ( 1808   1): C:\Users\kj     ohnson\Desktop\        49400013 OAKLEY II  (VINES)          \Oakley2    \Oakley2  5/1/2001        9
*  AERMET ( 1413   4):                                                                                                  15:11:01        1
*  MODELING OPTI   ONS USED:  Reg   DFAULT CONC  E      LEV URBA  N
*  PLOT            FILE OF ANNUAL   VALUES AVERAGED   ACROSS     5 YEARS     FOR SOUR  CE GROUP   : AREA
*  FOR A           TOTAL OF 12343   RECEPTORS.
*  FORMA           T: (3(1X,F13.5)  ,31X,F8.2),2X,     AS,2X,A8,   2X,I8,8.2   X,A8)
*  X               Y                AVERAGE CONC       ZELEV       ZHILL     ZFLAG    AVE       GRP       NUM YRS  NET ID
*  ____________  ____________  _____________________  _____  _____  _____  _______  ____  ____  ____
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611022.43	4205721.03	1069.51349	10.17	10.17	0	ANNUAL	AREA	S
611029.43	4205721.03	1036.60774	10.17	10.17	0	ANNUAL	AREA	S
611050.43	4205721.03	950.03384	10.18	10.18	0	ANNUAL	AREA	S
611057.43	4205721.03	924.78893	10.18	10.18	0	ANNUAL	AREA	S
611064.43	4205721.03	901.05399	10.18	10.18	0	ANNUAL	AREA	S
611071.43	4205721.03	878.74343	10.18	10.18	0	ANNUAL	AREA	S
611078.43	4205721.03	857.70552	10.18	10.18	0	ANNUAL	AREA	S
611085.43	4205721.03	837.83472	10.18	10.18	0	ANNUAL	AREA	S
611092.43	4205721.03	819.05774	10.18	10.18	0	ANNUAL	AREA	S
610294.43	4205728.03	7278.14877	15.69	15.69	0	ANNUAL	AREA	S
610301.43	4205728.03	7436.87762	15.59	15.59	0	ANNUAL	AREA	S
610308.43	4205728.03	7597.18219	15.5	15.5	0	ANNUAL	AREA	S
610315.43	4205728.03	7759.44516	15.4	15.4	0	ANNUAL	AREA	S
610322.43	4205728.03	7922.9131	15.31	15.31	0	ANNUAL	AREA	S
610329.43	4205728.03	8087.96572	15.21	15.21	0	ANNUAL	AREA	S
610336.43	4205728.03	8253.83107	15.12	15.12	0	ANNUAL	AREA	S
610343.43	4205728.03	8420.71189	15.02	15.02	0	ANNUAL	AREA	S
610350.43	4205728.03	8587.99402	14.93	14.93	0	ANNUAL	AREA	S
610357.43	4205728.03	8755.79694	14.83	14.83	0	ANNUAL	AREA	S
610364.43	4205728.03	8923.35651	14.74	14.74	0	ANNUAL	AREA	S
610371.43	4205728.03	9090.81299	14.64	14.64	0	ANNUAL	AREA	S
610378.43	4205728.03	9274.72898	14.55	14.55	0	ANNUAL	AREA	S
610385.43	4205728.03	9441.12724	14.45	14.45	0	ANNUAL	AREA	S
610392.43	4205728.03	9605.86321	14.36	14.36	0	ANNUAL	AREA	S
610399.43	4205728.03	9768.98897	14.26	14.26	0	ANNUAL	AREA	S
610406.43	4205728.03	9929.53571	14.17	14.17	0	ANNUAL	AREA	S
610413.43	4205728.03	10087.61298	14.07	14.07	0	ANNUAL	AREA	S
610420.43	4205728.03	10242.4785	13.97	13.97	0	ANNUAL	AREA	S
610427.43	4205728.03	10393.11232	13.88	13.88	0	ANNUAL	AREA	S
610434.43	4205728.03	10539.86685	13.78	13.78	0	ANNUAL	AREA	S
610441.43	4205728.03	10681.30132	13.69	13.69	0	ANNUAL	AREA	S
610448.43	4205728.03	10817.69428	13.59	13.59	0	ANNUAL	AREA	S
610455.43	4205728.03	10947.81797	13.5	13.5	0	ANNUAL	AREA	S
610462.43	4205728.03	11071.59803	13.4	13.4	0	ANNUAL	AREA	S
610469.43	4205728.03	11188.26872	13.3	13.3	0	ANNUAL	AREA	S
610476.43	4205728.03	11296.84839	13.21	13.21	0	ANNUAL	AREA	S
610483.43	4205728.03	11397.50908	13.11	13.11	0	ANNUAL	AREA	S
610490.43	4205728.03	11488.99771	13.02	13.02	0	ANNUAL	AREA	S
610504.43	4205728.03	11643.75268	12.83	12.83	0	ANNUAL	AREA	S
610511.43	4205728.03	11705.63325	12.74	12.74	0	ANNUAL	AREA	S
610518.43	4205728.03	11757.12185	12.64	12.64	0	ANNUAL	AREA	S
610525.43	4205728.03	11797.08793	12.55	12.55	0	ANNUAL	AREA	S
610532.43	4205728.03	11825.45934	12.46	12.46	0	ANNUAL	AREA	S
610539.43	4205728.03	11842.01799	12.37	12.37	0	ANNUAL	AREA	S
610546.43	4205728.03	11846.71912	12.27	12.27	0	ANNUAL	AREA	S
610553.43	4205728.03	11838.68508	12.18	12.18	0	ANNUAL	AREA	S
610560.43	4205728.03	11818.02793	12.09	12.09	0	ANNUAL	AREA	S
610567.43	4205728.03	11783.51711	12.03	12.03	0	ANNUAL	AREA	S
610574.43	4205728.03	11733.92958	12.03	12.03	0	ANNUAL	AREA	S
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610588.43	4205728.03	11596.14081	12.02	12.02	0	ANNUAL	AREA	S
610595.43	4205728.03	11507.4478	12.02	12.02	0	ANNUAL	AREA	S
610602.43	4205728.03	11405.9649	12.02	12.02	0	ANNUAL	AREA	S
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610616.43	4205728.03	11164.85822	12.01	12.01	0	ANNUAL	AREA	S
610623.43	4205728.03	11025.20769	12.01	12.01	0	ANNUAL	AREA	S
610630.43	4205728.03	10873.50442	12	12	0	ANNUAL	AREA	S
610651.43	4205728.03	10351.57881	11.83	11.83	0	ANNUAL	AREA	S
610658.43	4205728.03	10156.17958	11.73	11.73	0	ANNUAL	AREA	S
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610672.43	4205728.03	9733.02882	11.55	11.55	0	ANNUAL	AREA	S
610679.43	4205728.03	9506.75463	11.46	11.46	0	ANNUAL	AREA	S
610686.43	4205728.03	9271.46787	11.37	11.37	0	ANNUAL	AREA	S
610693.43	4205728.03	9027.92839	11.28	11.28	0	ANNUAL	AREA	S
610700.43	4205728.03	8776.96344	11.19	11.19	0	ANNUAL	AREA	S
610707.43	4205728.03	8519.44035	11.1	11.1	0	ANNUAL	AREA	S
610728.43	4205728.03	7708.78546	11.04	11.04	0	ANNUAL	AREA	S
610735.43	4205728.03	7430.85059	11.04	11.04	0	ANNUAL	AREA	S
610742.43	4205728.03	7151.66994	11.03	11.03	0	ANNUAL	AREA	S
610749.43	4205728.03	6871.44159	11.03	11.03	0	ANNUAL	AREA	S
610756.43	4205728.03	6592.09699	11.02	11.02	0	ANNUAL	AREA	S
610763.43	4205728.03	6313.78587	11.02	11.02	0	ANNUAL	AREA	S
610770.43	4205728.03	6038.54189	11.01	11.01	0	ANNUAL	AREA	S
610777.43	4205728.03	5766.45838	11.01	11.01	0	ANNUAL	AREA	S
610784.43	4205728.03	5499.41524	11	11	0	ANNUAL	AREA	S
610791.43	4205728.03	5237.40736	11	11	0	ANNUAL	AREA	S
610798.43	4205728.03	4981.58093	11	11	0	ANNUAL	AREA	S
610805.43	4205728.03	4732.8825	11	11	0	ANNUAL	AREA	S
610812.43	4205728.03	4491.81062	11	11	0	ANNUAL	AREA	S
610819.43	4205728.03	4259.18622	11	11	0	ANNUAL	AREA	S
610826.43	4205728.03	4035.34143	11	11	0	ANNUAL	AREA	S
610833.43	4205728.03	3820.69768	11	11	0	ANNUAL	AREA	S
610840.43	4205728.03	3615.58524	11	11	0	ANNUAL	AREA	S
610847.43	4205728.03	3420.14552	11	11	0	ANNUAL	AREA	S
610854.43	4205728.03	3234.49271	11	11	0	ANNUAL	AREA	S
610861.43	4205728.03	3061.06709	10.95	10.95	0	ANNUAL	AREA	S
610868.43	4205728.03	2899.34856	10.86	10.86	0	ANNUAL	AREA	S
610875.43	4205728.03	2746.5803	10.78	10.78	0	ANNUAL	AREA	S
610882.43	4205728.03	2603.57112	10.69	10.69	0	ANNUAL	AREA	S
610889.43	4205728.03	2469.46986	10.6	10.6	0	ANNUAL	AREA	S
610910.43	4205728.03	2117.01206	10.34	10.34	0	ANNUAL	AREA	S
610917.43	4205728.03	2015.18801	10.25	10.25	0	ANNUAL	AREA	S
610924.43	4205728.03	1920.42635	10.16	10.16	0	ANNUAL	AREA	S
610931.43	4205728.03	1831.84921	10.08	10.08	0	ANNUAL	AREA	S
610938.43	4205728.03	1745.88763	10.08	10.08	0	ANNUAL	AREA	S
610945.43	4205728.03	1665.62536	10.09	10.09	0	ANNUAL	AREA	S
610952.43	4205728.03	1591.5233	10.09	10.09	0	ANNUAL	AREA	S
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610973.43	4205728.03	1399.5844	10.09	10.09	0	ANNUAL	AREA	S
610980.43	4205728.03	1344.60927	10.09	10.09	0	ANNUAL	AREA	S
610987.43	4205728.03	1293.54606	10.09	10.09	0	ANNUAL	AREA	S
610994.43	4205728.03	1246.15735	10.09	10.09	0	ANNUAL	AREA	S
611001.43	4205728.03	1202.08169	10.09	10.09	0	ANNUAL	AREA	S
611008.43	4205728.03	1161.08771	10.09	10.09	0	ANNUAL	AREA	S
611015.43	4205728.03	1122.67449	10.1	10.1	0	ANNUAL	AREA	S
611022.43	4205728.03	1087.13126	10.1	10.1	0	ANNUAL	AREA	S
611029.43	4205728.03	1053.98286	10.1	10.1	0	ANNUAL	AREA	S
611050.43	4205728.03	966.83384	10.1	10.1	0	ANNUAL	AREA	S
611057.43	4205728.03	941.35005	10.1	10.1	0	ANNUAL	AREA	S
611064.43	4205728.03	917.39173	10.1	10.1	0	ANNUAL	AREA	S
611071.43	4205728.03	894.84159	10.1	10.1	0	ANNUAL	AREA	S
611078.43	4205728.03	873.42781	10.11	10.11	0	ANNUAL	AREA	S
611085.43	4205728.03	853.35361	10.11	10.11	0	ANNUAL	AREA	S
611092.43	4205728.03	834.3524	10.11	10.11	0	ANNUAL	AREA	S
610294.43	4205735.03	7372.71018	15.61	15.61	0	ANNUAL	AREA	S
610301.43	4205735.03	7537.68272	15.51	15.51	0	ANNUAL	AREA	S
610308.43	4205735.03	7704.5844	15.42	15.42	0	ANNUAL	AREA	S
610315.43	4205735.03	7873.37992	15.33	15.33	0	ANNUAL	AREA	S
610322.43	4205735.03	8044.35967	15.23	15.23	0	ANNUAL	AREA	S
610329.43	4205735.03	8216.62541	15.14	15.14	0	ANNUAL	AREA	S
610336.43	4205735.03	8390.57578	15.04	15.04	0	ANNUAL	AREA	S
610343.43	4205735.03	8565.40035	14.95	14.95	0	ANNUAL	AREA	S
610350.43	4205735.03	8741.37687	14.85	14.85	0	ANNUAL	AREA	S
610357.43	4205735.03	8917.71509	14.76	14.76	0	ANNUAL	AREA	S
610364.43	4205735.03	9094.62043	14.66	14.66	0	ANNUAL	AREA	S
610371.43	4205735.03	9288.04431	14.57	14.57	0	ANNUAL	AREA	S
610378.43	4205735.03	9465.12018	14.47	14.47	0	ANNUAL	AREA	S
610385.43	4205735.03	9641.17537	14.38	14.38	0	ANNUAL	AREA	S
610392.43	4205735.03	9816.36804	14.28	14.28	0	ANNUAL	AREA	S
610399.43	4205735.03	9989.68628	14.19	14.19	0	ANNUAL	AREA	S
610406.43	4205735.03	10160.9615	14.1	14.1	0	ANNUAL	AREA	S
610413.43	4205735.03	10329.94099	14	14	0	ANNUAL	AREA	S
610420.43	4205735.03	10495.52426	13.91	13.91	0	ANNUAL	AREA	S
610427.43	4205735.03	10657.89148	13.81	13.81	0	ANNUAL	AREA	S
610434.43	4205735.03	10815.57183	13.72	13.72	0	ANNUAL	AREA	S
610441.43	4205735.03	10968.99535	13.62	13.62	0	ANNUAL	AREA	S
610448.43	4205735.03	11116.48288	13.53	13.53	0	ANNUAL	AREA	S
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610462.43	4205735.03	11393.37572	13.34	13.34	0	ANNUAL	AREA	S
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610476.43	4205735.03	11641.14598	13.15	13.15	0	ANNUAL	AREA	S
610483.43	4205735.03	11752.76544	13.05	13.05	0	ANNUAL	AREA	S
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610518.43	4205735.03	12160.71442	12.6	12.6	0	ANNUAL	AREA	S
610525.43	4205735.03	12208.8511	12.51	12.51	0	ANNUAL	AREA	S
610532.43	4205735.03	12244.82733	12.42	12.42	0	ANNUAL	AREA	S
610539.43	4205735.03	12268.12664	12.33	12.33	0	ANNUAL	AREA	S
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610553.43	4205735.03	12275.67651	12.15	12.15	0	ANNUAL	AREA	S
610560.43	4205735.03	12259.29178	12.06	12.06	0	ANNUAL	AREA	S
610567.43	4205735.03	12228.15929	12	12	0	ANNUAL	AREA	S
610574.43	4205735.03	12181.27089	11.99	11.99	0	ANNUAL	AREA	S
610581.43	4205735.03	12119.97143	11.99	11.99	0	ANNUAL	AREA	S
610588.43	4205735.03	12044.688	11.99	11.99	0	ANNUAL	AREA	S
610595.43	4205735.03	11955.65144	11.98	11.98	0	ANNUAL	AREA	S
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610686.43	4205735.03	9620.999	11.31	11.31	0	ANNUAL	AREA	S
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610756.43	4205735.03	6796.2941	10.97	10.97	0	ANNUAL	AREA	S
610763.43	4205735.03	6503.75379	10.97	10.97	0	ANNUAL	AREA	S
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610791.43	4205735.03	5374.07425	10.97	10.97	0	ANNUAL	AREA	S
610798.43	4205735.03	5106.08369	10.98	10.98	0	ANNUAL	AREA	S
610805.43	4205735.03	4846.4335	10.98	10.98	0	ANNUAL	AREA	S
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610819.43	4205735.03	4352.96271	10.98	10.98	0	ANNUAL	AREA	S
610826.43	4205735.03	4119.77272	10.99	10.99	0	ANNUAL	AREA	S
610833.43	4205735.03	3897.05369	10.99	10.99	0	ANNUAL	AREA	S
610840.43	4205735.03	3684.56358	10.99	10.99	0	ANNUAL	AREA	S
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610854.43	4205735.03	3290.72017	10.99	10.99	0	ANNUAL	AREA	S
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610882.43	4205735.03	2643.3496	10.66	10.66	0	ANNUAL	AREA	S
610889.43	4205735.03	2506.1352	10.57	10.57	0	ANNUAL	AREA	S

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610924.43	4205735.03	1948.74939	10.09	10.09	0	ANNUAL	AREA	S
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610952.43	4205735.03	1612.52054	10.01	10.01	0	ANNUAL	AREA	S
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611008.43	4205735.03	1178.61664	10.02	10.02	0	ANNUAL	AREA	S
611015.43	4205735.03	1140.23114	10.02	10.02	0	ANNUAL	AREA	S
611022.43	4205735.03	1104.4301	10.02	10.02	0	ANNUAL	AREA	S
611029.43	4205735.03	1071.05481	10.02	10.02	0	ANNUAL	AREA	S
611050.43	4205735.03	983.31027	10.03	10.03	0	ANNUAL	AREA	S
611057.43	4205735.03	957.63193	10.03	10.03	0	ANNUAL	AREA	S
611064.43	4205735.03	933.48699	10.03	10.03	0	ANNUAL	AREA	S
611071.43	4205735.03	910.76133	10.03	10.03	0	ANNUAL	AREA	S
611078.43	4205735.03	889.28361	10.03	10.03	0	ANNUAL	AREA	S
611085.43	4205735.03	869.0125	10.03	10.03	0	ANNUAL	AREA	S
611092.43	4205735.03	849.79476	10.03	10.03	0	ANNUAL	AREA	S
610294.43	4205742.03	7466.04362	15.53	15.53	0	ANNUAL	AREA	S
610301.43	4205742.03	7637.14125	15.44	15.44	0	ANNUAL	AREA	S
610308.43	4205742.03	7810.98753	15.34	15.34	0	ANNUAL	AREA	S
610315.43	4205742.03	7986.8919	15.25	15.25	0	ANNUAL	AREA	S
610322.43	4205742.03	8165.16935	15.15	15.15	0	ANNUAL	AREA	S
610329.43	4205742.03	8345.151	15.06	15.06	0	ANNUAL	AREA	S
610336.43	4205742.03	8527.16861	14.96	14.96	0	ANNUAL	AREA	S
610343.43	4205742.03	8710.41683	14.87	14.87	0	ANNUAL	AREA	S
610350.43	4205742.03	8894.87122	14.78	14.78	0	ANNUAL	AREA	S
610357.43	4205742.03	9080.60997	14.68	14.68	0	ANNUAL	AREA	S
610364.43	4205742.03	9266.66181	14.59	14.59	0	ANNUAL	AREA	S
610371.43	4205742.03	9470.35762	14.49	14.49	0	ANNUAL	AREA	S
610378.43	4205742.03	9657.17244	14.4	14.4	0	ANNUAL	AREA	S
610385.43	4205742.03	9843.93158	14.3	14.3	0	ANNUAL	AREA	S
610392.43	4205742.03	10029.54696	14.21	14.21	0	ANNUAL	AREA	S
610399.43	4205742.03	10214.21048	14.11	14.11	0	ANNUAL	AREA	S
610406.43	4205742.03	10396.72977	14.02	14.02	0	ANNUAL	AREA	S
610413.43	4205742.03	10577.32959	13.92	13.92	0	ANNUAL	AREA	S
610420.43	4205742.03	10754.72165	13.83	13.83	0	ANNUAL	AREA	S
610427.43	4205742.03	10929.00208	13.73	13.73	0	ANNUAL	AREA	S
610434.43	4205742.03	11098.96947	13.64	13.64	0	ANNUAL	AREA	S
610441.43	4205742.03	11264.1399	13.55	13.55	0	ANNUAL	AREA	S
610448.43	4205742.03	11424.49271	13.45	13.45	0	ANNUAL	AREA	S
610455.43	4205742.03	11578.43636	13.36	13.36	0	ANNUAL	AREA	S
610462.43	4205742.03	11726.07615	13.26	13.26	0	ANNUAL	AREA	S
610469.43	4205742.03	11866.0763	13.17	13.17	0	ANNUAL	AREA	S
610476.43	4205742.03	11998.31255	13.07	13.07	0	ANNUAL	AREA	S
610483.43	4205742.03	12121.47218	12.98	12.98	0	ANNUAL	AREA	S
610490.43	4205742.03	12235.73274	12.88	12.88	0	ANNUAL	AREA	S
610504.43	4205742.03	12431.63644	12.72	12.72	0	ANNUAL	AREA	S
610511.43	4205742.03	12513.38232	12.63	12.63	0	ANNUAL	AREA	S
610518.43	4205742.03	12582.74063	12.55	12.55	0	ANNUAL	AREA	S
610525.43	4205742.03	12639.81854	12.47	12.47	0	ANNUAL	AREA	S
610532.43	4205742.03	12683.80764	12.39	12.39	0	ANNUAL	AREA	S
610539.43	4205742.03	12714.83751	12.3	12.3	0	ANNUAL	AREA	S
610546.43	4205742.03	12731.74261	12.22	12.22	0	ANNUAL	AREA	S
610553.43	4205742.03	12734.4157	12.14	12.14	0	ANNUAL	AREA	S
610560.43	4205742.03	12723.17056	12.05	12.05	0	ANNUAL	AREA	S
610567.43	4205742.03	12695.59887	12	12	0	ANNUAL	AREA	S
610574.43	4205742.03	12651.95042	11.98	11.98	0	ANNUAL	AREA	S
610581.43	4205742.03	12592.90499	11.97	11.97	0	ANNUAL	AREA	S
610588.43	4205742.03	12518.68599	11.96	11.96	0	ANNUAL	AREA	S
610595.43	4205742.03	12429.20303	11.95	11.95	0	ANNUAL	AREA	S
610602.43	4205742.03	12324.70411	11.94	11.94	0	ANNUAL	AREA	S
610609.43	4205742.03	12205.17388	11.93	11.93	0	ANNUAL	AREA	S
610616.43	4205742.03	12070.65051	11.92	11.92	0	ANNUAL	AREA	S
610623.43	4205742.03	11921.32169	11.91	11.91	0	ANNUAL	AREA	S
610630.43	4205742.03	11757.44435	11.9	11.9	0	ANNUAL	AREA	S
610651.43	4205742.03	11187.73402	11.71	11.71	0	ANNUAL	AREA	S
610658.43	4205742.03	10972.40251	11.61	11.61	0	ANNUAL	AREA	S
610665.43	4205742.03	10744.1686	11.52	11.52	0	ANNUAL	AREA	S
610672.43	4205742.03	10504.38129	11.42	11.42	0	ANNUAL	AREA	S
610679.43	4205742.03	10253.14338	11.33	11.33	0	ANNUAL	AREA	S
610686.43	4205742.03	9991.93781	11.23	11.23	0	ANNUAL	AREA	S
610693.43	4205742.03	9720.90031	11.14	11.14	0	ANNUAL	AREA	S
610700.43	4205742.03	9441.84853	11.04	11.04	0	ANNUAL	AREA	S
610707.43	4205742.03	9155.06943	10.95	10.95	0	ANNUAL	AREA	S
610728.43	4205742.03	8252.90532	10.88	10.88	0	ANNUAL	AREA	S
610735.43	4205742.03	7944.3359	10.87	10.87	0	ANNUAL	AREA	S
610742.43	4205742.03	7634.29275	10.86	10.86	0	ANNUAL	AREA	S
610749.43	4205742.03	7323.48965	10.86	10.86	0	ANNUAL	AREA	S
610756.43	4205742.03	7014.13432	10.85	10.85	0	ANNUAL	AREA	S
610763.43	4205742.03	6707.02444	10.84	10.84	0	ANNUAL	AREA	S
610770.43	4205742.03	6403.36974	10.83	10.83	0	ANNUAL	AREA	S
610777.43	4205742.03	6103.75402	10.83	10.83	0	ANNUAL	AREA	S
610784.43	4205742.03	5810.42832	10.82	10.82	0	ANNUAL	AREA	S
610791.43	4205742.03	5523.24807	10.82	10.82	0	ANNUAL	AREA	S
610798.43	4205742.03	5242.9819	10.83	10.83	0	ANNUAL	AREA	S
610805.43	4205742.03	4971.82913	10.83	10.83	0	ANNUAL	AREA	S
610812.43	4205742.03	4709.76562	10.83	10.83	0	ANNUAL	AREA	S
610819.43	4205742.03	4457.57601	10.83	10.83	0	ANNUAL	AREA	S
610826.43	4205742.03	4215.67039	10.83	10.83	0	ANNUAL	AREA	S
610833.43	4205742.03	3983.83231	10.84	10.84	0	ANNUAL	AREA	S
610840.43	4205742.03	3763.5751	10.84	10.84	0	ANNUAL	AREA	S
610847.43	4205742.03	3554.3776	10.84	10.84	0	ANNUAL	AREA	S
610854.43	4205742.03	3356.28266	10.84	10.84	0	ANNUAL	AREA	S
610861.43	4205742.03	3172.13885	10.79	10.79	0	ANNUAL	AREA	S
610868.43	4205742.03	3000.54559	10.71	10.71	0	ANNUAL	AREA	S
610875.43	4205742.03	2840.05096	10.62	10.62	0	ANNUAL	AREA	S
610882.43	4205742.03	2689.24359	10.54	10.54	0	ANNUAL	AREA	S
610889.43	4205742.03	2548.83899	10.45	10.45	0	ANNUAL	AREA	S
610910.43	4205742.03	2181.94916	10.19	10.19	0	ANNUAL	AREA	S
610917.43	4205742.03	2076.59969	10.1	10.1	0	ANNUAL	AREA	S
610924.43	4205742.03	1975.11899	10.01	10.01	0	ANNUAL	AREA	S
610931.43	4205742.03	1879.93899	9.93	9.93	0	ANNUAL	AREA	S
610938.43	4205742.03	1791.67653	9.93	9.93	0	ANNUAL	AREA	S
610945.43	4205742.03	1709.86332	9.93	9.93	0	ANNUAL	AREA	S
610952.43	4205742.03	1634.09028	9.94	9.94	0	ANNUAL	AREA	S
610959.43	4205742.03	1563.84886	9.94	9.94	0	ANNUAL	AREA	S
610966.43	4205742.03	1498.82654	9.94	9.94	0	ANNUAL	AREA	S
610973.43	4205742.03	1438.5849	9.94	9.94	0	ANNUAL	AREA	S
610980.43	4205742.03	1382.73577	9.94	9.94	0	ANNUAL	AREA	S
610987.43	4205742.03	1330.95835	9.94	9.94	0	ANNUAL	AREA	S
610994.43	4205742.03	1282.88376	9.94	9.94	0	ANNUAL	AREA	S
611001.43	4205742.03	1238.24317	9.94	9.94	0	ANNUAL	AREA	S
611008.43	4205742.03	1196.76233	9.94	9.94	0	ANNUAL	AREA	S
611015.43	4205742.03	1158.12317	9.94	9.94	0	ANNUAL	AREA	S
611022.43	4205742.03	1122.15579	9.95	9.95	0	ANNUAL	AREA	S
611029.43	4205742.03	1088.53009	9.95	9.95	0	ANNUAL	AREA	S
611050.43	4205742.03	1000.21986	9.95	9.95	0	ANNUAL	AREA	S
611057.43	4205742.03	974.35892	9.95	9.95	0	ANNUAL	AREA	S
611064.43	4205742.03	950.02339	9.95	9.95	0	ANNUAL	AREA	S
611071.43	4205742.03	927.07739	9.95	9.95	0	ANNUAL	AREA	S
611078.43	4205742.03	905.44315	9.95	9.95	0	ANNUAL	AREA	S
611085.43	4205742.03	884.95891	9.95	9.95	0	ANNUAL	AREA	S
611092.43	4205742.03	865.53515	9.96	9.96	0	ANNUAL	AREA	S
610294.43	4205749.03	7557.70272	15.46	15.46	0	ANNUAL	AREA	S
610301.43	4205749.03	7735.59301	15.36	15.36	0	ANNUAL	AREA	S
610308.43	4205749.03	7915.9586	15.27	15.27	0	ANNUAL	AREA	S
610315.43	4205749.03	8099.31254	15.17	15.17	0	ANNUAL	AREA	S
610322.43	4205749.03	8284.90224	15.08	15.08	0	ANNUAL	AREA	S
610329.43	4205749.03	8473.06722	14.98	14.98	0	ANNUAL	AREA	S
610336.43	4205749.03	8663.06938	14.89	14.89	0	ANNUAL	AREA	S
610343.43	4205749.03	8855.24552	14.79	14.79	0	ANNUAL	AREA	S
610350.43	4205749.03	9048.77684	14.7	14.7	0	ANNUAL	AREA	S
610357.43	4205749.03	9243.96176	14.6	14.6	0	ANNUAL	AREA	S
610364.43	4205749.03	9456.64351	14.51	14.51	0	ANNUAL	AREA	S
610371.43	4205749.03	9653.91518	14.41	14.41	0	ANNUAL	AREA	S
610378.43	4205749.03	9851.24054	14.32	14.32	0	ANNUAL	AREA	S
610385.43	4205749.03	10048.57796	14.23	14.23	0	ANNUAL	AREA	S
610392.43	4205749.03	10245.77807	14.13	14.13	0	ANNUAL	AREA	S
610399.43	4205749.03	10441.62864	14.04	14.04	0	ANNUAL	AREA	S
610406.43	4205749.03	10636.47938	13.94	13.94	0	ANNUAL	AREA	S
610413.43	4205749.03	10828.90718	13.85	13.85	0	ANNUAL	AREA	S
610420.43	4205749.03	11019.16375	13.75	13.75	0	ANNUAL	AREA	S
610427.43	4205749.03	11205.83665	13.66	13.66	0	ANNUAL	AREA	S
610434.43	4205749.03	11389.04724	13.56	13.56	0	ANNUAL	AREA	S
610441.43	4205749.03	11567.48175	13.47	13.47	0	ANNUAL	AREA	S
610448.43	4205749.03	11741.00295	13.37	13.37	0	ANNUAL	AREA	S
610455.43	4205749.03	11908.26278	13.28	13.28	0	ANNUAL	AREA	S
610462.43	4205749.03	12069.30364	13.18	13.18	0	ANNUAL	AREA	S
610469.43	4205749.03	12222.54871	13.09	13.09	0	ANNUAL	AREA	S
610476.43	4205749.03	12367.64499	13	13	0	ANNUAL	AREA	S
610483.43	4205749.03	12504.2646	12.9	12.9	0	ANNUAL	AREA	S
610490.43	4205749.03	12630.69745	12.81	12.81	0	ANNUAL	AREA	S
610504.43	4205749.03	12851.12402	12.65	12.65	0	ANNUAL	AREA	S
610511.43	4205749.03	12943.52961	12.58	12.58	0	ANNUAL	AREA	S
610518.43	4205749.03	13023.94696	12.5	12.5	0	ANNUAL	AREA	S
610525.43	4205749.03	13090.71365	12.43	12.43	0	ANNUAL	AREA	S
610532.43	4205749.03	13144.31043	12.35	12.35	0	ANNUAL	AREA	S
610539.43	4205749.03	13183.2943	12.28	12.28	0	ANNUAL	AREA	S
610546.43	4205749.03	13207.93325	12.2	12.2	0	ANNUAL	AREA	S
610553.43	4205749.03	13217.60718	12.12	12.12	0	ANNUAL	AREA	S
610560.43	4205749.03	13211.30885	12.05	12.05	0	ANNUAL	AREA	S
610567.43	4205749.03	13188.88194	11.99	11.99	0	ANNUAL	AREA	S
610574.43	4205749.03	13148.87822	11.97	11.97	0	ANNUAL	AREA	S
610581.43	4205749.03	13092.16625	11.96	11.96	0	ANNUAL	AREA	S
610588.43	4205749.03	13019.54446	11.94	11.94	0	ANNUAL	AREA	S
610595.43	4205749.03	12930.4207	11.92	11.92	0	ANNUAL	AREA	S
610602.43	4205749.03	12825.01523	11.9	11.9	0	ANNUAL	AREA	S
610609.43	4205749.03	12703.32947	11.88	11.88	0	ANNUAL	AREA	S
610616.43	4205749.03	12564.9096	11.87	11.87	0	ANNUAL	AREA	S
610623.43	4205749.03	12410.86593	11.85	11.85	0	ANNUAL	AREA	S
610630.43	4205749.03	12240.98265	11.83	11.83	0	ANNUAL	AREA	S
610651.43	4205749.03	11645.51003	11.63	11.63	0	ANNUAL	AREA	S
610658.43	4205749.03	11418.79707	11.54	11.54	0	ANNUAL	AREA	S
610665.43	4205749.03	11178.92321	11.44	11.44	0	ANNUAL	AREA	S
610672.43	4205749.03	10925.77203	11.35	11.35	0	ANNUAL	AREA	S
610679.43	4205749.03	10661.09404	11.25	11.25	0	ANNUAL	AREA	S
610686.43	4205749.03	10384.85297	11.16	11.16	0	ANNUAL	AREA	S
610693.43	4205749.03	10098.94115	11.06	11.06	0	ANNUAL	AREA	S
610700.43	4205749.03	9803.63298	10.97	10.97	0	ANNUAL	AREA	S
610707.43	4205749.03	9501.02657	10.87	10.87	0	ANNUAL	AREA	S
610728.43	4205749.03	8548.2118	10.79	10.79	0	ANNUAL	AREA	S
610735.43	4205749.03	8222.91246	10.77	10.77	0	ANNUAL	AREA	S
610742.43	4205749.03	7895.73911	10.76	10.76	0	ANNUAL	AREA	S
610749.43	4205749.03	7569.12134	10.74	10.74	0	ANNUAL	AREA	S
610756.43	4205749.03	7243.2322	10.73	10.73	0	ANNUAL	AREA	S
610763.43	4205749.03	6920.59834	10.71	10.71	0	ANNUAL	AREA	S
610770.43	4205749.03	6601.34272	10.7	10.7	0	ANNUAL	AREA	S
610777.43	4205749.03	6287.91622	10.68	10.68	0	ANNUAL	AREA	S

610784.43	4205749.03	5980.24386	10.67	10.67	0	ANNUAL	AREA	5
610791.43	4205749.03	5679.36354	10.67	10.67	0	ANNUAL	AREA	5
610798.43	4205749.03	5386.7491	10.67	10.67	0	ANNUAL	AREA	5
610805.43	4205749.03	5102.75795	10.68	10.68	0	ANNUAL	AREA	5
610812.43	4205749.03	4829.36036	10.68	10.68	0	ANNUAL	AREA	5
610819.43	4205749.03	4566.6257	10.68	10.68	0	ANNUAL	AREA	5
610826.43	4205749.03	4314.98042	10.68	10.68	0	ANNUAL	AREA	5
610833.43	4205749.03	4074.82004	10.68	10.68	0	ANNUAL	AREA	5
610840.43	4205749.03	3845.77945	10.69	10.69	0	ANNUAL	AREA	5
610847.43	4205749.03	3629.21913	10.69	10.69	0	ANNUAL	AREA	5
610854.43	4205749.03	3424.50137	10.69	10.69	0	ANNUAL	AREA	5
610861.43	4205749.03	3234.042	10.65	10.65	0	ANNUAL	AREA	5
610868.43	4205749.03	3057.55139	10.57	10.57	0	ANNUAL	AREA	5
610875.43	4205749.03	2892.16675	10.49	10.49	0	ANNUAL	AREA	5
610882.43	4205749.03	2737.5133	10.41	10.41	0	ANNUAL	AREA	5
610889.43	4205749.03	2593.26632	10.33	10.33	0	ANNUAL	AREA	5
610910.43	4205749.03	2217.77689	10.09	10.09	0	ANNUAL	AREA	5
610917.43	4205749.03	2106.04402	10.01	10.01	0	ANNUAL	AREA	5
610924.43	4205749.03	2001.87527	9.93	9.93	0	ANNUAL	AREA	5
610931.43	4205749.03	1905.34332	9.86	9.86	0	ANNUAL	AREA	5
610938.43	4205749.03	1815.9235	9.86	9.86	0	ANNUAL	AREA	5
610945.43	4205749.03	1733.15905	9.86	9.86	0	ANNUAL	AREA	5
610952.43	4205749.03	1656.56898	9.86	9.86	0	ANNUAL	AREA	5
610959.43	4205749.03	1585.67916	9.86	9.86	0	ANNUAL	AREA	5
610966.43	4205749.03	1520.08199	9.86	9.86	0	ANNUAL	AREA	5
610973.43	4205749.03	1459.3306	9.86	9.86	0	ANNUAL	AREA	5
610980.43	4205749.03	1403.05797	9.86	9.86	0	ANNUAL	AREA	5
610987.43	4205749.03	1350.89356	9.86	9.86	0	ANNUAL	AREA	5
610994.43	4205749.03	1302.52668	9.87	9.87	0	ANNUAL	AREA	5
611001.43	4205749.03	1257.60116	9.87	9.87	0	ANNUAL	AREA	5
611008.43	4205749.03	1215.83713	9.87	9.87	0	ANNUAL	AREA	5
611015.43	4205749.03	1176.97661	9.87	9.87	0	ANNUAL	AREA	5
611022.43	4205749.03	1140.73914	9.87	9.87	0	ANNUAL	AREA	5
611029.43	4205749.03	1106.95997	9.87	9.87	0	ANNUAL	AREA	5
611050.43	4205749.03	1018.00326	9.87	9.87	0	ANNUAL	AREA	5
611057.43	4205749.03	991.91589	9.88	9.88	0	ANNUAL	AREA	5
611064.43	4205749.03	967.38076	9.88	9.88	0	ANNUAL	AREA	5
611071.43	4205749.03	944.23091	9.88	9.88	0	ANNUAL	AREA	5
611078.43	4205749.03	922.37079	9.88	9.88	0	ANNUAL	AREA	5
611085.43	4205749.03	901.6589	9.88	9.88	0	ANNUAL	AREA	5
611092.43	4205749.03	882.04418	9.88	9.88	0	ANNUAL	AREA	5
610294.43	4205756.03	7648.10124	15.38	15.38	0	ANNUAL	AREA	5
610301.43	4205756.03	7832.5305	15.28	15.28	0	ANNUAL	AREA	5
610308.43	4205756.03	8019.86466	15.19	15.19	0	ANNUAL	AREA	5
610315.43	4205756.03	8210.55046	15.09	15.09	0	ANNUAL	AREA	5
610322.43	4205756.03	8403.8004	15	15	0	ANNUAL	AREA	5
610329.43	4205756.03	8599.78479	14.91	14.91	0	ANNUAL	AREA	5
610336.43	4205756.03	8798.5853	14.81	14.81	0	ANNUAL	AREA	5
610343.43	4205756.03	8999.39456	14.72	14.72	0	ANNUAL	AREA	5
610350.43	4205756.03	9202.53998	14.62	14.62	0	ANNUAL	AREA	5
610357.43	4205756.03	9424.04143	14.53	14.53	0	ANNUAL	AREA	5
610364.43	4205756.03	9630.693	14.43	14.43	0	ANNUAL	AREA	5
610371.43	4205756.03	9838.16377	14.34	14.34	0	ANNUAL	AREA	5
610378.43	4205756.03	10046.77925	14.24	14.24	0	ANNUAL	AREA	5
610385.43	4205756.03	10255.47322	14.15	14.15	0	ANNUAL	AREA	5
610392.43	4205756.03	10464.41156	14.05	14.05	0	ANNUAL	AREA	5
610399.43	4205756.03	10672.51123	13.96	13.96	0	ANNUAL	AREA	5
610406.43	4205756.03	10879.82518	13.86	13.86	0	ANNUAL	AREA	5
610413.43	4205756.03	11085.21026	13.77	13.77	0	ANNUAL	AREA	5
610420.43	4205756.03	11288.30099	13.68	13.68	0	ANNUAL	AREA	5
610427.43	4205756.03	11488.90093	13.58	13.58	0	ANNUAL	AREA	5
610434.43	4205756.03	11685.54869	13.49	13.49	0	ANNUAL	AREA	5
610441.43	4205756.03	11878.32373	13.39	13.39	0	ANNUAL	AREA	5
610448.43	4205756.03	12065.68469	13.3	13.3	0	ANNUAL	AREA	5
610455.43	4205756.03	12247.70434	13.2	13.2	0	ANNUAL	AREA	5
610462.43	4205756.03	12422.70297	13.11	13.11	0	ANNUAL	AREA	5
610469.43	4205756.03	12590.73162	13.01	13.01	0	ANNUAL	AREA	5
610476.43	4205756.03	12750.14373	12.92	12.92	0	ANNUAL	AREA	5
610483.43	4205756.03	12900.8424	12.82	12.82	0	ANNUAL	AREA	5
610490.43	4205756.03	13041.3338	12.73	12.73	0	ANNUAL	AREA	5
610504.43	4205756.03	13287.72758	12.59	12.59	0	ANNUAL	AREA	5
610511.43	4205756.03	13392.8746	12.52	12.52	0	ANNUAL	AREA	5
610518.43	4205756.03	13484.89895	12.45	12.45	0	ANNUAL	AREA	5
610525.43	4205756.03	13562.79401	12.39	12.39	0	ANNUAL	AREA	5
610532.43	4205756.03	13626.6958	12.32	12.32	0	ANNUAL	AREA	5
610539.43	4205756.03	13675.41451	12.25	12.25	0	ANNUAL	AREA	5
610546.43	4205756.03	13708.6982	12.18	12.18	0	ANNUAL	AREA	5
610553.43	4205756.03	13725.69564	12.11	12.11	0	ANNUAL	AREA	5
610560.43	4205756.03	13726.23692	12.04	12.04	0	ANNUAL	AREA	5
610567.43	4205756.03	13709.11307	11.99	11.99	0	ANNUAL	AREA	5
610574.43	4205756.03	13673.73905	11.96	11.96	0	ANNUAL	AREA	5
610581.43	4205756.03	13620.54828	11.94	11.94	0	ANNUAL	AREA	5
610588.43	4205756.03	13550.11967	11.91	11.91	0	ANNUAL	AREA	5
610595.43	4205756.03	13461.45631	11.89	11.89	0	ANNUAL	AREA	5
610602.43	4205756.03	13355.49063	11.86	11.86	0	ANNUAL	AREA	5
610609.43	4205756.03	13231.34908	11.84	11.84	0	ANNUAL	AREA	5
610616.43	4205756.03	13090.04446	11.81	11.81	0	ANNUAL	AREA	5
610623.43	4205756.03	12930.81465	11.79	11.79	0	ANNUAL	AREA	5
610630.43	4205756.03	12754.73864	11.76	11.76	0	ANNUAL	AREA	5
610651.43	4205756.03	12132.06786	11.55	11.55	0	ANNUAL	AREA	5
610658.43	4205756.03	11893.68799	11.46	11.46	0	ANNUAL	AREA	5
610665.43	4205756.03	11640.97521	11.36	11.36	0	ANNUAL	AREA	5
610672.43	4205756.03	11373.90273	11.27	11.27	0	ANNUAL	AREA	5
610679.43	4205756.03	11094.37082	11.17	11.17	0	ANNUAL	AREA	5
610686.43	4205756.03	10802.42391	11.08	11.08	0	ANNUAL	AREA	5
610693.43	4205756.03	10499.63434	10.99	10.99	0	ANNUAL	AREA	5
610700.43	4205756.03	10187.75365	10.89	10.89	0	ANNUAL	AREA	5
610707.43	4205756.03	9867.07366	10.8	10.8	0	ANNUAL	AREA	5
610728.43	4205756.03	8860.8323	10.69	10.69	0	ANNUAL	AREA	5
610735.43	4205756.03	8517.09002	10.67	10.67	0	ANNUAL	AREA	5
610742.43	4205756.03	8172.1183	10.65	10.65	0	ANNUAL	AREA	5
610749.43	4205756.03	7828.04425	10.62	10.62	0	ANNUAL	AREA	5
610756.43	4205756.03	7485.03676	10.6	10.6	0	ANNUAL	AREA	5
610763.43	4205756.03	7145.22324	10.58	10.58	0	ANNUAL	AREA	5
610770.43	4205756.03	6809.97535	10.56	10.56	0	ANNUAL	AREA	5
610777.43	4205756.03	6480.61402	10.54	10.54	0	ANNUAL	AREA	5
610784.43	4205756.03	6158.37953	10.52	10.52	0	ANNUAL	AREA	5
610791.43	4205756.03	5842.92142	10.52	10.52	0	ANNUAL	AREA	5
610798.43	4205756.03	5536.60515	10.52	10.52	0	ANNUAL	AREA	5
610805.43	4205756.03	5240.38407	10.52	10.52	0	ANNUAL	AREA	5
610812.43	4205756.03	4954.26016	10.53	10.53	0	ANNUAL	AREA	5
610819.43	4205756.03	4680.4369	10.53	10.53	0	ANNUAL	AREA	5
610826.43	4205756.03	4418.56933	10.53	10.53	0	ANNUAL	AREA	5
610833.43	4205756.03	4169.04285	10.53	10.53	0	ANNUAL	AREA	5
610840.43	4205756.03	3931.4223	10.54	10.54	0	ANNUAL	AREA	5
610847.43	4205756.03	3707.14117	10.54	10.54	0	ANNUAL	AREA	5
610854.43	4205756.03	3495.51046	10.54	10.54	0	ANNUAL	AREA	5
610861.43	4205756.03	3299.09954	10.5	10.5	0	ANNUAL	AREA	5
610868.43	4205756.03	3116.86696	10.43	10.43	0	ANNUAL	AREA	5
610875.43	4205756.03	2947.09293	10.35	10.35	0	ANNUAL	AREA	5
610882.43	4205756.03	2787.89685	10.28	10.28	0	ANNUAL	AREA	5
610889.43	4205756.03	2639.59613	10.21	10.21	0	ANNUAL	AREA	5
610910.43	4205756.03	2249.65903	9.99	9.99	0	ANNUAL	AREA	5
610917.43	4205756.03	2135.44578	9.92	9.92	0	ANNUAL	AREA	5
610924.43	4205756.03	2029.67277	9.84	9.84	0	ANNUAL	AREA	5
610931.43	4205756.03	1931.76287	9.78	9.78	0	ANNUAL	AREA	5
610938.43	4205756.03	1841.22039	9.78	9.78	0	ANNUAL	AREA	5
610945.43	4205756.03	1757.50923	9.78	9.78	0	ANNUAL	AREA	5
610952.43	4205756.03	1680.07208	9.78	9.78	0	ANNUAL	AREA	5
610959.43	4205756.03	1608.5299	9.79	9.79	0	ANNUAL	AREA	5
610966.43	4205756.03	1542.34531	9.79	9.79	0	ANNUAL	AREA	5
610973.43	4205756.03	1481.12395	9.79	9.79	0	ANNUAL	AREA	5
610980.43	4205756.03	1424.43169	9.79	9.79	0	ANNUAL	AREA	5
610987.43	4205756.03	1371.88728	9.79	9.79	0	ANNUAL	AREA	5
610994.43	4205756.03	1323.18812	9.79	9.79	0	ANNUAL	AREA	5
611001.43	4205756.03	1277.95947	9.79	9.79	0	ANNUAL	AREA	5
611008.43	4205756.03	1235.93755	9.79	9.79	0	ANNUAL	AREA	5
611015.43	4205756.03	1196.83533	9.79	9.79	0	ANNUAL	AREA	5
611022.43	4205756.03	1160.37223	9.79	9.79	0	ANNUAL	AREA	5
611029.43	4205756.03	1126.3197	9.8	9.8	0	ANNUAL	AREA	5
611050.43	4205756.03	1036.70375	9.8	9.8	0	ANNUAL	AREA	5
611057.43	4205756.03	1010.40411	9.8	9.8	0	ANNUAL	AREA	5
611064.43	4205756.03	985.61281	9.8	9.8	0	ANNUAL	AREA	5
611071.43	4205756.03	962.25482	9.8	9.8	0	ANNUAL	AREA	5
611078.43	4205756.03	940.14202	9.8	9.8	0	ANNUAL	AREA	5
611085.43	4205756.03	919.20604	9.8	9.8	0	ANNUAL	AREA	5
611092.43	4205756.03	899.33985	9.8	9.8	0	ANNUAL	AREA	5
610294.43	4205763.03	7736.61434	15.3	15.3	0	ANNUAL	AREA	5
610301.43	4205763.03	7927.47435	15.21	15.21	0	ANNUAL	AREA	5
610308.43	4205763.03	8122.16441	15.11	15.11	0	ANNUAL	AREA	5
610315.43	4205763.03	8319.97353	15.02	15.02	0	ANNUAL	AREA	5
610322.43	4205763.03	8521.40875	14.92	14.92	0	ANNUAL	AREA	5
610329.43	4205763.03	8725.65524	14.83	14.83	0	ANNUAL	AREA	5
610336.43	4205763.03	8933.20498	14.73	14.73	0	ANNUAL	AREA	5
610343.43	4205763.03	9143.11178	14.64	14.64	0	ANNUAL	AREA	5
610350.43	4205763.03	9373.12378	14.54	14.54	0	ANNUAL	AREA	5
610357.43	4205763.03	9587.96283	14.45	14.45	0	ANNUAL	AREA	5
610364.43	4205763.03	9804.67487	14.36	14.36	0	ANNUAL	AREA	5
610371.43	4205763.03	10023.44374	14.26	14.26	0	ANNUAL	AREA	5
610378.43	4205763.03	10243.10092	14.17	14.17	0	ANNUAL	AREA	5
610385.43	4205763.03	10463.98555	14.07	14.07	0	ANNUAL	AREA	5
610392.43	4205763.03	10684.92029	13.98	13.98	0	ANNUAL	AREA	5
610399.43	4205763.03	10906.06617	13.88	13.88	0	ANNUAL	AREA	5
610406.43	4205763.03	11126.29911	13.79	13.79	0	ANNUAL	AREA	5
610413.43	4205763.03	11345.56462	13.69	13.69	0	ANNUAL	AREA	5
610420.43	4205763.03	11562.67443	13.6	13.6	0	ANNUAL	AREA	5
610427.43	4205763.03	11777.61509	13.5	13.5	0	ANNUAL	AREA	5
610434.43	4205763.03	11988.97953	13.41	13.41	0	ANNUAL	AREA	5
610441.43	4205763.03	12196.67849	13.31	13.31	0	ANNUAL	AREA	5
610448.43	4205763.03	12399.26577	13.22	13.22	0	ANNUAL	AREA	5
610455.43	4205763.03	12596.22156	13.13	13.13	0	ANNUAL	AREA	5
610462.43	4205763.03	12787.13588	13.03	13.03	0	ANNUAL	AREA	5
610469.43	4205763.03	12970.31673	12.94	12.94	0	ANNUAL	AREA	5
610476.43	4205763.03	13145.63265	12.84	12.84	0	ANNUAL	AREA	5
610483.43	4205763.03	13311.39997	12.75	12.75	0	ANNUAL	AREA	5
610490.43	4205763.03	13467.51553	12.65	12.65	0	ANNUAL	AREA	5
610504.43	4205763.03	13742.5483	12.53	12.53	0	ANNUAL	AREA	5
610511.43	4205763.03	13861.29204	12.47	12.47	0	ANNUAL	AREA	5
610518.43	4205763.03	13966.36851	12.41	12.41	0	ANNUAL	AREA	5
610525.43	4205763.03	14057.45441	12.34	12.34	0	ANNUAL	AREA	5
610532.43	4205763.03	14132.84894	12.28	12.28	0	ANNUAL	AREA	5
610539.43	4205763.03	14192.35239	12.22	12.22	0	ANNUAL	AREA	5
610546.43	4205763.03	14235.16475	12.16	12.16	0	ANNUAL	AREA	5
610553.43	4205763.03	14260.87872	12.1	12.1	0	ANNUAL	AREA	5
610560.43	4205763.03	14268.89434	12.04	12.04	0	ANNUAL	AREA	5
610567.43	4205763.03	14258.19218	11.99	11.99	0	ANNUAL	AREA	5
610574.43	4205763.03	14228.66028	11.95	11.95	0	ANNUAL	AREA	5
610581.43	4205763.03	14179.75856	11.92	11.92	0	ANNUAL	AREA	5
610588.43	4205763.03	14111.7805	11.89	11.89	0	ANNUAL	AREA	5
610595.43	4205763.03	14024.96058	11.85	11.85	0	ANNUAL	AREA	5
610602.43	4205763.03	13918.38005	11.82	11.82	0	ANNUAL	AREA	5
610609.43	4205763.03	13792.63579	11.79	11.79	0	ANNUAL	AREA	5
610616.43	4205763.03	13647.65931	11.76	11.76	0	ANNUAL	AREA	5
610623.43	4205763.03	13483.60642	11.73	11.73	0	ANNUAL	AREA	5
610630.43	4205763.03	13301.27497	11.69	11.69	0	ANNUAL	AREA	5
610651.43	4205763.03	12649.47279	11.48	11.48	0	ANNUAL	AREA	5

610658.43	4205763.03	12399.08266	11.38	11.38	0	ANNUAL	AREA	S
610665.43	4205763.03	12132.22438	11.29	11.29	0	ANNUAL	AREA	S
610672.43	4205763.03	11850.75041	11.19	11.19	0	ANNUAL	AREA	S
610679.43	4205763.03	11554.76109	11.1	11.1	0	ANNUAL	AREA	S
610686.43	4205763.03	11246.39057	11	11	0	ANNUAL	AREA	S
610693.43	4205763.03	10925.85141	10.91	10.91	0	ANNUAL	AREA	S
610700.43	4205763.03	10595.58115	10.81	10.81	0	ANNUAL	AREA	S
610707.43	4205763.03	10255.98201	10.72	10.72	0	ANNUAL	AREA	S
610714.43	4205763.03	9907.44115	10.66	10.66	0	ANNUAL	AREA	S
610735.43	4205763.03	8828.07067	10.57	10.57	0	ANNUAL	AREA	S
610742.43	4205763.03	8464.00237	10.54	10.54	0	ANNUAL	AREA	S
610749.43	4205763.03	8100.56182	10.51	10.51	0	ANNUAL	AREA	S
610756.43	4205763.03	7739.26089	10.48	10.48	0	ANNUAL	AREA	S
610763.43	4205763.03	7381.74128	10.45	10.45	0	ANNUAL	AREA	S
610770.43	4205763.03	7029.49792	10.42	10.42	0	ANNUAL	AREA	S
610777.43	4205763.03	6683.86277	10.39	10.39	0	ANNUAL	AREA	S
610784.43	4205763.03	6345.42771	10.37	10.37	0	ANNUAL	AREA	S
610791.43	4205763.03	6014.50836	10.37	10.37	0	ANNUAL	AREA	S
610798.43	4205763.03	5693.63277	10.37	10.37	0	ANNUAL	AREA	S
610805.43	4205763.03	5383.78738	10.37	10.37	0	ANNUAL	AREA	S
610812.43	4205763.03	5084.89677	10.38	10.38	0	ANNUAL	AREA	S
610819.43	4205763.03	4799.34829	10.38	10.38	0	ANNUAL	AREA	S
610826.43	4205763.03	4526.73856	10.38	10.38	0	ANNUAL	AREA	S
610833.43	4205763.03	4267.3819	10.38	10.38	0	ANNUAL	AREA	S
610840.43	4205763.03	4021.56344	10.38	10.38	0	ANNUAL	AREA	S
610847.43	4205763.03	3788.47754	10.39	10.39	0	ANNUAL	AREA	S
610854.43	4205763.03	3569.64928	10.39	10.39	0	ANNUAL	AREA	S
610861.43	4205763.03	3367.06349	10.35	10.35	0	ANNUAL	AREA	S
610868.43	4205763.03	3178.82658	10.29	10.29	0	ANNUAL	AREA	S
610875.43	4205763.03	3003.69518	10.22	10.22	0	ANNUAL	AREA	S
610882.43	4205763.03	2839.80137	10.16	10.16	0	ANNUAL	AREA	S
610889.43	4205763.03	2687.97662	10.09	10.09	0	ANNUAL	AREA	S
610910.43	4205763.03	2282.05943	9.89	9.89	0	ANNUAL	AREA	S
610917.43	4205763.03	2165.93219	9.83	9.83	0	ANNUAL	AREA	S
610924.43	4205763.03	2058.56601	9.76	9.76	0	ANNUAL	AREA	S
610931.43	4205763.03	1959.32446	9.71	9.71	0	ANNUAL	AREA	S
610938.43	4205763.03	1867.62137	9.71	9.71	0	ANNUAL	AREA	S
610945.43	4205763.03	1782.97609	9.71	9.71	0	ANNUAL	AREA	S
610952.43	4205763.03	1704.78438	9.71	9.71	0	ANNUAL	AREA	S
610959.43	4205763.03	1632.53263	9.71	9.71	0	ANNUAL	AREA	S
610966.43	4205763.03	1565.7485	9.71	9.71	0	ANNUAL	AREA	S
610973.43	4205763.03	1504.02399	9.71	9.71	0	ANNUAL	AREA	S
610980.43	4205763.03	1446.9085	9.71	9.71	0	ANNUAL	AREA	S
610987.43	4205763.03	1394.01234	9.71	9.71	0	ANNUAL	AREA	S
610994.43	4205763.03	1344.97429	9.71	9.71	0	ANNUAL	AREA	S
611001.43	4205763.03	1299.45085	9.72	9.72	0	ANNUAL	AREA	S
611008.43	4205763.03	1257.13756	9.72	9.72	0	ANNUAL	AREA	S
611015.43	4205763.03	1217.74257	9.72	9.72	0	ANNUAL	AREA	S
611022.43	4205763.03	1181.03533	9.72	9.72	0	ANNUAL	AREA	S
611029.43	4205763.03	1146.76004	9.72	9.72	0	ANNUAL	AREA	S
611050.43	4205763.03	1056.38681	9.72	9.72	0	ANNUAL	AREA	S
611057.43	4205763.03	1029.83444	9.72	9.72	0	ANNUAL	AREA	S
611064.43	4205763.03	1004.82384	9.72	9.72	0	ANNUAL	AREA	S
611071.43	4205763.03	981.18666	9.73	9.73	0	ANNUAL	AREA	S
611078.43	4205763.03	958.84655	9.73	9.73	0	ANNUAL	AREA	S
611085.43	4205763.03	937.67813	9.73	9.73	0	ANNUAL	AREA	S
611092.43	4205763.03	917.57027	9.73	9.73	0	ANNUAL	AREA	S
610294.43	4205770.03	7823.18359	15.22	15.22	0	ANNUAL	AREA	S
610301.43	4205770.03	8020.7475	15.13	15.13	0	ANNUAL	AREA	S
610308.43	4205770.03	8222.29346	15.04	15.04	0	ANNUAL	AREA	S
610315.43	4205770.03	8427.99289	14.94	14.94	0	ANNUAL	AREA	S
610322.43	4205770.03	8637.11303	14.85	14.85	0	ANNUAL	AREA	S
610329.43	4205770.03	8850.16236	14.75	14.75	0	ANNUAL	AREA	S
610336.43	4205770.03	9066.21908	14.66	14.66	0	ANNUAL	AREA	S
610343.43	4205770.03	9303.67409	14.56	14.56	0	ANNUAL	AREA	S
610350.43	4205770.03	9525.97441	14.47	14.47	0	ANNUAL	AREA	S
610357.43	4205770.03	9751.39626	14.37	14.37	0	ANNUAL	AREA	S
610364.43	4205770.03	9979.00695	14.28	14.28	0	ANNUAL	AREA	S
610371.43	4205770.03	10209.04696	14.18	14.18	0	ANNUAL	AREA	S
610378.43	4205770.03	10440.60601	14.09	14.09	0	ANNUAL	AREA	S
610385.43	4205770.03	10673.7807	13.99	13.99	0	ANNUAL	AREA	S
610392.43	4205770.03	10907.58352	13.9	13.9	0	ANNUAL	AREA	S
610399.43	4205770.03	11141.75001	13.81	13.81	0	ANNUAL	AREA	S
610406.43	4205770.03	11376.12279	13.71	13.71	0	ANNUAL	AREA	S
610413.43	4205770.03	11609.41263	13.62	13.62	0	ANNUAL	AREA	S
610420.43	4205770.03	11841.63753	13.52	13.52	0	ANNUAL	AREA	S
610427.43	4205770.03	12071.4283	13.43	13.43	0	ANNUAL	AREA	S
610434.43	4205770.03	12298.68448	13.33	13.33	0	ANNUAL	AREA	S
610441.43	4205770.03	12522.03086	13.24	13.24	0	ANNUAL	AREA	S
610448.43	4205770.03	12741.18286	13.14	13.14	0	ANNUAL	AREA	S
610455.43	4205770.03	12954.67684	13.05	13.05	0	ANNUAL	AREA	S
610462.43	4205770.03	13162.28373	12.95	12.95	0	ANNUAL	AREA	S
610469.43	4205770.03	13362.18312	12.86	12.86	0	ANNUAL	AREA	S
610476.43	4205770.03	13554.39757	12.76	12.76	0	ANNUAL	AREA	S
610483.43	4205770.03	13736.95631	12.67	12.67	0	ANNUAL	AREA	S
610490.43	4205770.03	13909.21389	12.58	12.58	0	ANNUAL	AREA	S
610504.43	4205770.03	14216.54011	12.46	12.46	0	ANNUAL	AREA	S
610511.43	4205770.03	14350.35599	12.41	12.41	0	ANNUAL	AREA	S
610518.43	4205770.03	14469.97634	12.36	12.36	0	ANNUAL	AREA	S
610525.43	4205770.03	14574.85336	12.3	12.3	0	ANNUAL	AREA	S
610532.43	4205770.03	14663.28837	12.25	12.25	0	ANNUAL	AREA	S
610539.43	4205770.03	14735.26903	12.19	12.19	0	ANNUAL	AREA	S
610546.43	4205770.03	14789.18562	12.14	12.14	0	ANNUAL	AREA	S
610553.43	4205770.03	14824.77673	12.09	12.09	0	ANNUAL	AREA	S
610560.43	4205770.03	14841.77765	12.03	12.03	0	ANNUAL	AREA	S
610567.43	4205770.03	14838.9495	11.98	11.98	0	ANNUAL	AREA	S
610574.43	4205770.03	14815.68014	11.94	11.94	0	ANNUAL	AREA	S
610581.43	4205770.03	14772.02427	11.9	11.9	0	ANNUAL	AREA	S
610588.43	4205770.03	14707.77087	11.86	11.86	0	ANNUAL	AREA	S
610595.43	4205770.03	14622.51675	11.82	11.82	0	ANNUAL	AREA	S
610602.43	4205770.03	14516.44961	11.78	11.78	0	ANNUAL	AREA	S
610609.43	4205770.03	14389.37929	11.74	11.74	0	ANNUAL	AREA	S
610616.43	4205770.03	14241.37661	11.7	11.7	0	ANNUAL	AREA	S
610623.43	4205770.03	14072.65468	11.66	11.66	0	ANNUAL	AREA	S
610630.43	4205770.03	13882.84593	11.63	11.63	0	ANNUAL	AREA	S
610651.43	4205770.03	13201.47605	11.4	11.4	0	ANNUAL	AREA	S
610658.43	4205770.03	12937.82588	11.3	11.3	0	ANNUAL	AREA	S
610665.43	4205770.03	12656.21227	11.21	11.21	0	ANNUAL	AREA	S
610672.43	4205770.03	12358.25776	11.12	11.12	0	ANNUAL	AREA	S
610679.43	4205770.03	12045.57816	11.02	11.02	0	ANNUAL	AREA	S
610686.43	4205770.03	11718.47706	10.93	10.93	0	ANNUAL	AREA	S
610693.43	4205770.03	11379.3179	10.83	10.83	0	ANNUAL	AREA	S
610700.43	4205770.03	11028.61921	10.74	10.74	0	ANNUAL	AREA	S
610707.43	4205770.03	10669.12751	10.64	10.64	0	ANNUAL	AREA	S
610714.43	4205770.03	10299.61904	10.58	10.58	0	ANNUAL	AREA	S
610742.43	4205770.03	8772.63416	10.43	10.43	0	ANNUAL	AREA	S
610749.43	4205770.03	8389.11818	10.39	10.39	0	ANNUAL	AREA	S
610756.43	4205770.03	8007.51599	10.36	10.36	0	ANNUAL	AREA	S
610763.43	4205770.03	7631.0801	10.32	10.32	0	ANNUAL	AREA	S
610770.43	4205770.03	7260.70815	10.28	10.28	0	ANNUAL	AREA	S
610777.43	4205770.03	6896.99685	10.25	10.25	0	ANNUAL	AREA	S
610784.43	4205770.03	6542.11561	10.22	10.22	0	ANNUAL	AREA	S
610791.43	4205770.03	6194.72795	10.22	10.22	0	ANNUAL	AREA	S
610798.43	4205770.03	5858.38465	10.22	10.22	0	ANNUAL	AREA	S
610805.43	4205770.03	5534.08207	10.22	10.22	0	ANNUAL	AREA	S
610812.43	4205770.03	5222.60515	10.22	10.22	0	ANNUAL	AREA	S
610819.43	4205770.03	4923.81332	10.23	10.23	0	ANNUAL	AREA	S
610826.43	4205770.03	4639.88148	10.23	10.23	0	ANNUAL	AREA	S
610833.43	4205770.03	4370.1906	10.23	10.23	0	ANNUAL	AREA	S
610840.43	4205770.03	4115.06546	10.23	10.23	0	ANNUAL	AREA	S
610847.43	4205770.03	3874.34494	10.23	10.23	0	ANNUAL	AREA	S
610854.43	4205770.03	3647.11244	10.24	10.24	0	ANNUAL	AREA	S
610861.43	4205770.03	3438.11696	10.2	10.2	0	ANNUAL	AREA	S
610868.43	4205770.03	3244.36415	10.14	10.14	0	ANNUAL	AREA	S
610875.43	4205770.03	3062.90646	10.09	10.09	0	ANNUAL	AREA	S
610882.43	4205770.03	2890.86747	10.03	10.03	0	ANNUAL	AREA	S
610889.43	4205770.03	2730.3272	9.97	9.97	0	ANNUAL	AREA	S
610910.43	4205770.03	2315.63524	9.8	9.8	0	ANNUAL	AREA	S
610917.43	4205770.03	2197.64257	9.74	9.74	0	ANNUAL	AREA	S
610924.43	4205770.03	2088.66147	9.68	9.68	0	ANNUAL	AREA	S
610931.43	4205770.03	1988.08115	9.63	9.63	0	ANNUAL	AREA	S
610938.43	4205770.03	1895.27269	9.63	9.63	0	ANNUAL	AREA	S
610945.43	4205770.03	1809.64568	9.63	9.63	0	ANNUAL	AREA	S
610952.43	4205770.03	1730.66112	9.63	9.63	0	ANNUAL	AREA	S
610959.43	4205770.03	1657.74792	9.63	9.63	0	ANNUAL	AREA	S
610966.43	4205770.03	1590.44213	9.63	9.63	0	ANNUAL	AREA	S
610973.43	4205770.03	1528.20096	9.64	9.64	0	ANNUAL	AREA	S
610980.43	4205770.03	1470.66059	9.64	9.64	0	ANNUAL	AREA	S
610987.43	4205770.03	1417.38505	9.64	9.64	0	ANNUAL	AREA	S
610994.43	4205770.03	1367.97333	9.64	9.64	0	ANNUAL	AREA	S
611001.43	4205770.03	1322.14423	9.64	9.64	0	ANNUAL	AREA	S
611008.43	4205770.03	1279.51675	9.64	9.64	0	ANNUAL	AREA	S
611015.43	4205770.03	1239.8501	9.64	9.64	0	ANNUAL	AREA	S
611022.43	4205770.03	1202.84333	9.64	9.64	0	ANNUAL	AREA	S
611043.43	4205770.03	1105.62728	9.65	9.65	0	ANNUAL	AREA	S
611050.43	4205770.03	1077.12622	9.65	9.65	0	ANNUAL	AREA	S
611057.43	4205770.03	1050.31981	9.65	9.65	0	ANNUAL	AREA	S
611064.43	4205770.03	1025.04748	9.65	9.65	0	ANNUAL	AREA	S
611071.43	4205770.03	1001.18211	9.65	9.65	0	ANNUAL	AREA	S
611078.43	4205770.03	978.56644	9.65	9.65	0	ANNUAL	AREA	S
611085.43	4205770.03	957.13301	9.65	9.65	0	ANNUAL	AREA	S
611092.43	4205770.03	936.76493	9.65	9.65	0	ANNUAL	AREA	S
610294.43	4205777.03	7907.19844	15.15	15.15	0	ANNUAL	AREA	S
610301.43	4205777.03	8111.92124	15.05	15.05	0	ANNUAL	AREA	S
610308.43	4205777.03	8320.67051	14.96	14.96	0	ANNUAL	AREA	S
610315.43	4205777.03	8534.05721	14.86	14.86	0	ANNUAL	AREA	S
610322.43	4205777.03	8751.26076	14.77	14.77	0	ANNUAL	AREA	S
610329.43	4205777.03	8972.90557	14.67	14.67	0	ANNUAL	AREA	S
610336.43	4205777.03	9216.56215	14.58	14.58	0	ANNUAL	AREA	S
610343.43	4205777.03	9445.35229	14.49	14.49	0	ANNUAL	AREA	S
610350.43	4205777.03	9678.13638	14.39	14.39	0	ANNUAL	AREA	S
610357.43	4205777.03	9913.8105	14.3	14.3	0	ANNUAL	AREA	S
610364.43	4205777.03	10152.90601	14.2	14.2	0	ANNUAL	AREA	S
610371.43	4205777.03	10394.35978	14.11	14.11	0	ANNUAL	AREA	S
610378.43	4205777.03	10638.44597	14.01	14.01	0	ANNUAL	AREA	S
610385.43	4205777.03	10884.2243	13.92	13.92	0	ANNUAL	AREA	S
610392.43	4205777.03	11131.71281	13.82	13.82	0	ANNUAL	AREA	S
610399.43	4205777.03	11379.8316	13.73	13.73	0	ANNUAL	AREA	S
610406.43	4205777.03	11628.73182	13.63	13.63	0	ANNUAL	AREA	S
610413.43	4205777.03	11877.06751	13.54	13.54	0	ANNUAL	AREA	S
610420.43	4205777.03	12124.90013	13.44	13.44	0	ANNUAL	AREA	S
610427.43	4205777.03	12370.70039	13.35	13.35	0	ANNUAL	AREA	S
610434.43	4205777.03	12614.2089	13.26	13.26	0	ANNUAL	AREA	S
610441.43	4205777.03	12854.85078	13.16	13.16	0	ANNUAL	AREA	S
610448.43	4205777.03	13091.00951	13.07	13.07	0	ANNUAL	AREA	S
610455.43	4205777.03	13322.50502	12.97	12.97	0	ANNUAL	AREA	S
610462.43	4205777.03	13547.63379	12.88	12.88	0	ANNUAL	AREA	S
610469.43	4205777.03	13766.14876	12.78	12.78	0	ANNUAL	AREA	S
610476.43	4205777.03	13976.11216	12.69	12.69	0	ANNUAL	AREA	S
610483.43	4205777.03	14177.25376	12.59	12.59	0	ANNUAL	AREA	S
610490.43	4205777.03	14367.7662	12.5	12.5	0	ANNUAL	AREA	S
610504.43	4205777.03	14709.60611	12.4	12.4	0	ANNUAL	AREA	S
610511.43	4205777.03	14860.15909	12.36	12.36	0	ANNUAL	AREA	S
610518.43	4205777.03	14996.27035	12.31	12.31	0	ANNUAL	AREA	S
610525.43	4205777.03	15116.64901	12.26	12.26	0	ANNUAL	AREA	S
610532.43	4205777.03	15219.59176	12.22	12.22	0	ANNUAL	AREA	S

610539.43	4205777.03	15305.26931	12.17	12.17	0	ANNUAL	AREA	S
610546.43	4205777.03	15372.19459	12.12	12.12	0	ANNUAL	AREA	S
610553.43	4205777.03	15419.55482	12.07	12.07	0	ANNUAL	AREA	S
610560.43	4205777.03	15446.21746	12.03	12.03	0	ANNUAL	AREA	S
610567.43	4205777.03	15452.41717	11.98	11.98	0	ANNUAL	AREA	S
610574.43	4205777.03	15437.09394	11.93	11.93	0	ANNUAL	AREA	S
610581.43	4205777.03	15399.83808	11.88	11.88	0	ANNUAL	AREA	S
610588.43	4205777.03	15339.75992	11.84	11.84	0	ANNUAL	AREA	S
610595.43	4205777.03	15257.43625	11.79	11.79	0	ANNUAL	AREA	S
610602.43	4205777.03	15152.39336	11.74	11.74	0	ANNUAL	AREA	S
610609.43	4205777.03	15023.98617	11.7	11.7	0	ANNUAL	AREA	S
610616.43	4205777.03	14873.35093	11.65	11.65	0	ANNUAL	AREA	S
610623.43	4205777.03	14699.8955	11.6	11.6	0	ANNUAL	AREA	S
610630.43	4205777.03	14503.46911	11.56	11.56	0	ANNUAL	AREA	S
610637.43	4205777.03	14285.55307	11.51	11.51	0	ANNUAL	AREA	S
610658.43	4205777.03	13512.16529	11.23	11.23	0	ANNUAL	AREA	S
610665.43	4205777.03	13215.37281	11.13	11.13	0	ANNUAL	AREA	S
610672.43	4205777.03	12900.20023	11.04	11.04	0	ANNUAL	AREA	S
610679.43	4205777.03	12569.02468	10.94	10.94	0	ANNUAL	AREA	S
610686.43	4205777.03	12222.22815	10.85	10.85	0	ANNUAL	AREA	S
610693.43	4205777.03	11862.4533	10.75	10.75	0	ANNUAL	AREA	S
610700.43	4205777.03	11490.26747	10.66	10.66	0	ANNUAL	AREA	S
610707.43	4205777.03	11108.07331	10.57	10.57	0	ANNUAL	AREA	S
610714.43	4205777.03	10716.47744	10.5	10.5	0	ANNUAL	AREA	S
610721.43	4205777.03	10317.25843	10.45	10.45	0	ANNUAL	AREA	S
610742.43	4205777.03	9099.42466	10.32	10.32	0	ANNUAL	AREA	S
610749.43	4205777.03	8693.53329	10.28	10.28	0	ANNUAL	AREA	S
610756.43	4205777.03	8291.73927	10.23	10.23	0	ANNUAL	AREA	S
610763.43	4205777.03	7894.30052	10.19	10.19	0	ANNUAL	AREA	S
610770.43	4205777.03	7503.70351	10.15	10.15	0	ANNUAL	AREA	S
610777.43	4205777.03	7122.4524	10.1	10.1	0	ANNUAL	AREA	S
610784.43	4205777.03	6748.33394	10.06	10.06	0	ANNUAL	AREA	S
610791.43	4205777.03	6383.32824	10.07	10.07	0	ANNUAL	AREA	S
610798.43	4205777.03	6030.53264	10.07	10.07	0	ANNUAL	AREA	S
610805.43	4205777.03	5690.90474	10.07	10.07	0	ANNUAL	AREA	S
610812.43	4205777.03	5365.2414	10.07	10.07	0	ANNUAL	AREA	S
610819.43	4205777.03	5054.28006	10.07	10.07	0	ANNUAL	AREA	S
610826.43	4205777.03	4758.37396	10.08	10.08	0	ANNUAL	AREA	S
610833.43	4205777.03	4477.86299	10.08	10.08	0	ANNUAL	AREA	S
610840.43	4205777.03	4212.95509	10.08	10.08	0	ANNUAL	AREA	S
610847.43	4205777.03	3963.44977	10.08	10.08	0	ANNUAL	AREA	S
610854.43	4205777.03	3728.28198	10.09	10.09	0	ANNUAL	AREA	S
610861.43	4205777.03	3509.97324	10.05	10.05	0	ANNUAL	AREA	S
610868.43	4205777.03	3305.32077	10	10	0	ANNUAL	AREA	S
610875.43	4205777.03	3114.72503	9.95	9.95	0	ANNUAL	AREA	S
610882.43	4205777.03	2937.60927	9.9	9.9	0	ANNUAL	AREA	S
610889.43	4205777.03	2773.31137	9.85	9.85	0	ANNUAL	AREA	S
610910.43	4205777.03	2350.57045	9.7	9.7	0	ANNUAL	AREA	S
610917.43	4205777.03	2230.68625	9.65	9.65	0	ANNUAL	AREA	S
610924.43	4205777.03	2120.09899	9.6	9.6	0	ANNUAL	AREA	S
610931.43	4205777.03	2018.21	9.55	9.55	0	ANNUAL	AREA	S
610938.43	4205777.03	1924.30712	9.55	9.55	0	ANNUAL	AREA	S
610945.43	4205777.03	1837.74938	9.56	9.56	0	ANNUAL	AREA	S
610952.43	4205777.03	1757.9802	9.56	9.56	0	ANNUAL	AREA	S
610959.43	4205777.03	1684.36139	9.56	9.56	0	ANNUAL	AREA	S
610966.43	4205777.03	1616.44896	9.56	9.56	0	ANNUAL	AREA	S
610973.43	4205777.03	1553.73718	9.56	9.56	0	ANNUAL	AREA	S
610980.43	4205777.03	1495.73699	9.56	9.56	0	ANNUAL	AREA	S
610987.43	4205777.03	1442.05755	9.56	9.56	0	ANNUAL	AREA	S
610994.43	4205777.03	1392.30852	9.56	9.56	0	ANNUAL	AREA	S
611001.43	4205777.03	1346.11609	9.56	9.56	0	ANNUAL	AREA	S
611008.43	4205777.03	1303.18724	9.57	9.57	0	ANNUAL	AREA	S
611015.43	4205777.03	1263.20212	9.57	9.57	0	ANNUAL	AREA	S
611043.43	4205777.03	1127.8013	9.57	9.57	0	ANNUAL	AREA	S
611050.43	4205777.03	1099.05423	9.57	9.57	0	ANNUAL	AREA	S
611057.43	4205777.03	1071.96699	9.57	9.57	0	ANNUAL	AREA	S
611064.43	4205777.03	1046.41119	9.57	9.57	0	ANNUAL	AREA	S
611071.43	4205777.03	1022.24986	9.57	9.57	0	ANNUAL	AREA	S
611078.43	4205777.03	999.36233	9.58	9.58	0	ANNUAL	AREA	S
611085.43	4205777.03	977.6445	9.58	9.58	0	ANNUAL	AREA	S
611092.43	4205777.03	956.98618	9.58	9.58	0	ANNUAL	AREA	S
610294.43	4205784.03	7880.07959	15.07	15.07	0	ANNUAL	AREA	S
610301.43	4205784.03	8200.32179	14.98	14.98	0	ANNUAL	AREA	S
610308.43	4205784.03	8416.71933	14.88	14.88	0	ANNUAL	AREA	S
610315.43	4205784.03	8637.50653	14.79	14.79	0	ANNUAL	AREA	S
610322.43	4205784.03	8863.31468	14.69	14.69	0	ANNUAL	AREA	S
610329.43	4205784.03	9093.30505	14.6	14.6	0	ANNUAL	AREA	S
610336.43	4205784.03	9347.14893	14.5	14.5	0	ANNUAL	AREA	S
610343.43	4205784.03	9585.80705	14.41	14.41	0	ANNUAL	AREA	S
610350.43	4205784.03	9828.851	14.31	14.31	0	ANNUAL	AREA	S
610357.43	4205784.03	10075.49321	14.22	14.22	0	ANNUAL	AREA	S
610364.43	4205784.03	10326.04186	14.12	14.12	0	ANNUAL	AREA	S
610371.43	4205784.03	10579.56256	14.03	14.03	0	ANNUAL	AREA	S
610378.43	4205784.03	10836.05508	13.94	13.94	0	ANNUAL	AREA	S
610385.43	4205784.03	11095.42118	13.84	13.84	0	ANNUAL	AREA	S
610392.43	4205784.03	11356.51571	13.75	13.75	0	ANNUAL	AREA	S
610399.43	4205784.03	11619.62001	13.65	13.65	0	ANNUAL	AREA	S
610406.43	4205784.03	11883.30035	13.56	13.56	0	ANNUAL	AREA	S
610413.43	4205784.03	12147.78933	13.46	13.46	0	ANNUAL	AREA	S
610420.43	4205784.03	12411.64138	13.37	13.37	0	ANNUAL	AREA	S
610427.43	4205784.03	12674.86145	13.27	13.27	0	ANNUAL	AREA	S
610434.43	4205784.03	12935.882	13.18	13.18	0	ANNUAL	AREA	S
610441.43	4205784.03	13194.56607	13.08	13.08	0	ANNUAL	AREA	S
610448.43	4205784.03	13449.22068	12.99	12.99	0	ANNUAL	AREA	S
610455.43	4205784.03	13699.72564	12.89	12.89	0	ANNUAL	AREA	S
610462.43	4205784.03	13944.0541	12.8	12.8	0	ANNUAL	AREA	S
610469.43	4205784.03	14181.62654	12.71	12.71	0	ANNUAL	AREA	S
610476.43	4205784.03	14411.69518	12.61	12.61	0	ANNUAL	AREA	S
610483.43	4205784.03	14632.32088	12.52	12.52	0	ANNUAL	AREA	S
610490.43	4205784.03	14842.94374	12.42	12.42	0	ANNUAL	AREA	S
610504.43	4205784.03	15222.82554	12.34	12.34	0	ANNUAL	AREA	S
610511.43	4205784.03	15392.17928	12.3	12.3	0	ANNUAL	AREA	S
610518.43	4205784.03	15546.29283	12.26	12.26	0	ANNUAL	AREA	S
610525.43	4205784.03	15683.80328	12.22	12.22	0	ANNUAL	AREA	S
610532.43	4205784.03	15803.63935	12.18	12.18	0	ANNUAL	AREA	S
610539.43	4205784.03	15904.76874	12.14	12.14	0	ANNUAL	AREA	S
610546.43	4205784.03	15985.94516	12.1	12.1	0	ANNUAL	AREA	S
610553.43	4205784.03	16046.36494	12.06	12.06	0	ANNUAL	AREA	S
610560.43	4205784.03	16085.06629	12.02	12.02	0	ANNUAL	AREA	S
610567.43	4205784.03	16101.78761	11.97	11.97	0	ANNUAL	AREA	S
610574.43	4205784.03	16095.44565	11.92	11.92	0	ANNUAL	AREA	S
610581.43	4205784.03	16065.88368	11.86	11.86	0	ANNUAL	AREA	S
610588.43	4205784.03	16011.6101	11.81	11.81	0	ANNUAL	AREA	S
610595.43	4205784.03	15932.57926	11.76	11.76	0	ANNUAL	AREA	S
610602.43	4205784.03	15829.40581	11.7	11.7	0	ANNUAL	AREA	S
610609.43	4205784.03	15700.77037	11.65	11.65	0	ANNUAL	AREA	S
610616.43	4205784.03	15547.68097	11.59	11.59	0	ANNUAL	AREA	S
610623.43	4205784.03	15369.26506	11.54	11.54	0	ANNUAL	AREA	S
610630.43	4205784.03	15166.26183	11.49	11.49	0	ANNUAL	AREA	S
610637.43	4205784.03	14939.55787	11.43	11.43	0	ANNUAL	AREA	S
610658.43	4205784.03	14126.69263	11.15	11.15	0	ANNUAL	AREA	S
610665.43	4205784.03	13812.53451	11.06	11.06	0	ANNUAL	AREA	S
610672.43	4205784.03	13479.3851	10.96	10.96	0	ANNUAL	AREA	S
610679.43	4205784.03	13127.66981	10.87	10.87	0	ANNUAL	AREA	S
610686.43	4205784.03	12760.15925	10.77	10.77	0	ANNUAL	AREA	S
610693.43	4205784.03	12377.38835	10.68	10.68	0	ANNUAL	AREA	S
610700.43	4205784.03	11982.60018	10.58	10.58	0	ANNUAL	AREA	S
610707.43	4205784.03	11576.44823	10.49	10.49	0	ANNUAL	AREA	S
610714.43	4205784.03	11160.23861	10.42	10.42	0	ANNUAL	AREA	S
610721.43	4205784.03	10736.07288	10.37	10.37	0	ANNUAL	AREA	S
610728.43	4205784.03	10308.1973	10.31	10.31	0	ANNUAL	AREA	S
610749.43	4205784.03	9016.85301	10.16	10.16	0	ANNUAL	AREA	S
610756.43	4205784.03	8591.68014	10.11	10.11	0	ANNUAL	AREA	S
610763.43	4205784.03	8170.65239	10.06	10.06	0	ANNUAL	AREA	S
610770.43	4205784.03	7754.41288	10.01	10.01	0	ANNUAL	AREA	S
611036.43	4205784.03	1182.26724	9.49	9.49	0	ANNUAL	AREA	S
611043.43	4205784.03	1151.36387	9.49	9.49	0	ANNUAL	AREA	S
611050.43	4205784.03	1122.28064	9.5	9.5	0	ANNUAL	AREA	S
611057.43	4205784.03	1094.87855	9.5	9.5	0	ANNUAL	AREA	S
611064.43	4205784.03	1069.03466	9.5	9.5	0	ANNUAL	AREA	S
611071.43	4205784.03	1044.55317	9.5	9.5	0	ANNUAL	AREA	S
611078.43	4205784.03	1021.36718	9.5	9.5	0	ANNUAL	AREA	S
611085.43	4205784.03	999.34536	9.5	9.5	0	ANNUAL	AREA	S
611092.43	4205784.03	978.4069	9.5	9.5	0	ANNUAL	AREA	S
610294.43	4205791.03	8068.32195	14.99	14.99	0	ANNUAL	AREA	S
610301.43	4205791.03	8286.42289	14.9	14.9	0	ANNUAL	AREA	S
610308.43	4205791.03	8510.16945	14.8	14.8	0	ANNUAL	AREA	S
610315.43	4205791.03	8738.79251	14.71	14.71	0	ANNUAL	AREA	S
610322.43	4205791.03	8972.57518	14.62	14.62	0	ANNUAL	AREA	S
610329.43	4205791.03	9231.58312	14.52	14.52	0	ANNUAL	AREA	S
610336.43	4205791.03	9475.2512	14.43	14.43	0	ANNUAL	AREA	S
610343.43	4205791.03	9724.21695	14.33	14.33	0	ANNUAL	AREA	S
610350.43	4205791.03	9977.50077	14.24	14.24	0	ANNUAL	AREA	S
610357.43	4205791.03	10235.63844	14.14	14.14	0	ANNUAL	AREA	S
610364.43	4205791.03	10497.65426	14.05	14.05	0	ANNUAL	AREA	S
610371.43	4205791.03	10763.98574	13.95	13.95	0	ANNUAL	AREA	S
610378.43	4205791.03	11033.58041	13.86	13.86	0	ANNUAL	AREA	S
610385.43	4205791.03	11306.7528	13.76	13.76	0	ANNUAL	AREA	S
610392.43	4205791.03	11582.35712	13.67	13.67	0	ANNUAL	AREA	S
610399.43	4205791.03	11860.53368	13.57	13.57	0	ANNUAL	AREA	S
610406.43	4205791.03	12140.15767	13.48	13.48	0	ANNUAL	AREA	S
610413.43	4205791.03	12420.79256	13.39	13.39	0	ANNUAL	AREA	S
610420.43	4205791.03	12702.27019	13.29	13.29	0	ANNUAL	AREA	S
610427.43	4205791.03	12983.02951	13.2	13.2	0	ANNUAL	AREA	S
610434.43	4205791.03	13262.91464	13.1	13.1	0	ANNUAL	AREA	S
610441.43	4205791.03	13540.4078	13.01	13.01	0	ANNUAL	AREA	S
610448.43	4205791.03	13815.17348	12.91	12.91	0	ANNUAL	AREA	S
610455.43	4205791.03	14085.39913	12.82	12.82	0	ANNUAL	AREA	S
610462.43	4205791.03	14350.85776	12.72	12.72	0	ANNUAL	AREA	S
610469.43	4205791.03	14609.48869	12.63	12.63	0	ANNUAL	AREA	S
610476.43	4205791.03	14860.91638	12.53	12.53	0	ANNUAL	AREA	S
610483.43	4205791.03	15102.92328	12.44	12.44	0	ANNUAL	AREA	S
610490.43	4205791.03	15335.1647	12.34	12.34	0	ANNUAL	AREA	S
610504.43	4205791.03	15756.64717	12.28	12.28	0	ANNUAL	AREA	S
610511.43	4205791.03	15946.44054	12.25	12.25	0	ANNUAL	AREA	S
610518.43	4205791.03	16120.86107	12.21	12.21	0	ANNUAL	AREA	S
610525.43	4205791.03	16277.59856	12.18	12.18	0	ANNUAL	AREA	S
610532.43	4205791.03	16415.9757	12.15	12.15	0	ANNUAL	AREA	S
610539.43	4205791.03	16534.282	12.12	12.12	0	ANNUAL	AREA	S
610546.43	4205791.03	16632.25858	12.08	12.08	0	ANNUAL	AREA	S
610553.43	4205791.03	16707.54127	12.05	12.05	0	ANNUAL	AREA	S
610560.43	4205791.03	16759.62074	12.02	12.02	0	ANNUAL	AREA	S
610567.43	4205791.03	16788.7458	11.97	11.97	0	ANNUAL	AREA	S
610574.43	4205791.03	16793.41577	11.91	11.91	0	ANNUAL	AREA	S
610581.43	4205791.03	16772.43759	11.85	11.85	0	ANNUAL	AREA	S
610588.43	4205791.03	16725.79163	11.78	11.78	0	ANNUAL	AREA	S
610595.43	4205791.03	16651.84816	11.72	11.72	0	ANNUAL	AREA	S
610602.43	4205791.03	16550.89883	11.66	11.66	0	ANNUAL	AREA	S
610609.43	4205791.03	16422.66078	11.6	11.6	0	ANNUAL	AREA	S
610616.43	4205791.03	16267.22722	11.54	11.54	0	ANNUAL	AREA	S
610623.43	4205791.03	16084.54568	11.48	11.48	0	ANNUAL	AREA	S
610630.43	4205791.03	15874.81622	11.42	11.42	0	ANNUAL	AREA	S
610637.43	4205791.03	15638.03447	11.36	11.36	0	ANNUAL	AREA	S
610644.43	4205791.03	15378.8891	11.26	11.26	0	ANNUAL	AREA	S
610658.43	4205791.03	14784.52485	11.07	11.07	0	ANNUAL	AREA	S
610665.43	4205791.03	14452.1943	10.98	10.98	0	ANNUAL	AREA	S

610672.43	4205791.03	14099.13528	10.88	10.88	0	ANNUAL	AREA	S
610679.43	4205791.03	13725.84413	10.79	10.79	0	ANNUAL	AREA	S
610686.43	4205791.03	13335.338	10.69	10.69	0	ANNUAL	AREA	S
610693.43	4205791.03	12928.32456	10.6	10.6	0	ANNUAL	AREA	S
610700.43	4205791.03	12507.65767	10.51	10.51	0	ANNUAL	AREA	S
610707.43	4205791.03	12076.17151	10.41	10.41	0	ANNUAL	AREA	S
610714.43	4205791.03	11633.35192	10.34	10.34	0	ANNUAL	AREA	S
610721.43	4205791.03	11182.88822	10.28	10.28	0	ANNUAL	AREA	S
610728.43	4205791.03	10727.92361	10.22	10.22	0	ANNUAL	AREA	S
610735.43	4205791.03	10270.81833	10.16	10.16	0	ANNUAL	AREA	S
611029.43	4205791.03	1240.78712	9.42	9.42	0	ANNUAL	AREA	S
611036.43	4205791.03	1207.52317	9.42	9.42	0	ANNUAL	AREA	S
611043.43	4205791.03	1176.29308	9.42	9.42	0	ANNUAL	AREA	S
611050.43	4205791.03	1146.87334	9.42	9.42	0	ANNUAL	AREA	S
611057.43	4205791.03	1119.16401	9.42	9.42	0	ANNUAL	AREA	S
611064.43	4205791.03	1092.95555	9.42	9.42	0	ANNUAL	AREA	S
611071.43	4205791.03	1068.17603	9.42	9.42	0	ANNUAL	AREA	S
611078.43	4205791.03	1044.66115	9.42	9.42	0	ANNUAL	AREA	S
611085.43	4205791.03	1022.30287	9.43	9.43	0	ANNUAL	AREA	S
611092.43	4205791.03	1001.02664	9.43	9.43	0	ANNUAL	AREA	S
610294.43	4205798.03	8144.32561	14.92	14.92	0	ANNUAL	AREA	S
610301.43	4205798.03	8369.73476	14.82	14.82	0	ANNUAL	AREA	S
610308.43	4205798.03	8600.43136	14.73	14.73	0	ANNUAL	AREA	S
610315.43	4205798.03	8837.28275	14.63	14.63	0	ANNUAL	AREA	S
610322.43	4205798.03	9099.91956	14.54	14.54	0	ANNUAL	AREA	S
610329.43	4205798.03	9347.91458	14.44	14.44	0	ANNUAL	AREA	S
610336.43	4205798.03	9601.23583	14.35	14.35	0	ANNUAL	AREA	S
610343.43	4205798.03	9860.28439	14.25	14.25	0	ANNUAL	AREA	S
610350.43	4205798.03	10124.35711	14.16	14.16	0	ANNUAL	AREA	S
610357.43	4205798.03	10393.54386	14.07	14.07	0	ANNUAL	AREA	S
610364.43	4205798.03	10667.99947	13.97	13.97	0	ANNUAL	AREA	S
610371.43	4205798.03	10946.80167	13.88	13.88	0	ANNUAL	AREA	S
610378.43	4205798.03	11230.20263	13.78	13.78	0	ANNUAL	AREA	S
610385.43	4205798.03	11517.3112	13.69	13.69	0	ANNUAL	AREA	S
610392.43	4205798.03	11808.19522	13.59	13.59	0	ANNUAL	AREA	S
610399.43	4205798.03	12101.88822	13.5	13.5	0	ANNUAL	AREA	S
610406.43	4205798.03	12398.35341	13.4	13.4	0	ANNUAL	AREA	S
610413.43	4205798.03	12696.36799	13.31	13.31	0	ANNUAL	AREA	S
610420.43	4205798.03	12995.9282	13.21	13.21	0	ANNUAL	AREA	S
610427.43	4205798.03	13295.44494	13.12	13.12	0	ANNUAL	AREA	S
610434.43	4205798.03	13595.06835	13.02	13.02	0	ANNUAL	AREA	S
610441.43	4205798.03	13892.71585	12.93	12.93	0	ANNUAL	AREA	S
610448.43	4205798.03	14188.07721	12.84	12.84	0	ANNUAL	AREA	S
610455.43	4205798.03	14480.37128	12.74	12.74	0	ANNUAL	AREA	S
610462.43	4205798.03	14767.44768	12.65	12.65	0	ANNUAL	AREA	S
610469.43	4205798.03	15049.14161	12.55	12.55	0	ANNUAL	AREA	S
610476.43	4205798.03	15323.15386	12.46	12.46	0	ANNUAL	AREA	S
610483.43	4205798.03	15588.9127	12.36	12.36	0	ANNUAL	AREA	S
610490.43	4205798.03	15844.1699	12.27	12.27	0	ANNUAL	AREA	S
610504.43	4205798.03	16311.75455	12.22	12.22	0	ANNUAL	AREA	S
610511.43	4205798.03	16524.48017	12.19	12.19	0	ANNUAL	AREA	S
610518.43	4205798.03	16720.46446	12.17	12.17	0	ANNUAL	AREA	S
610525.43	4205798.03	16899.18879	12.14	12.14	0	ANNUAL	AREA	S
610532.43	4205798.03	17057.98998	12.12	12.12	0	ANNUAL	AREA	S
610539.43	4205798.03	17196.61899	12.09	12.09	0	ANNUAL	AREA	S
610546.43	4205798.03	17312.96955	12.06	12.06	0	ANNUAL	AREA	S
610553.43	4205798.03	17405.24324	12.04	12.04	0	ANNUAL	AREA	S
610560.43	4205798.03	17473.40394	12.01	12.01	0	ANNUAL	AREA	S
610567.43	4205798.03	17516.14079	11.97	11.97	0	ANNUAL	AREA	S
610574.43	4205798.03	17533.84408	11.9	11.9	0	ANNUAL	AREA	S
610581.43	4205798.03	17523.80072	11.83	11.83	0	ANNUAL	AREA	S
610588.43	4205798.03	17485.31056	11.76	11.76	0	ANNUAL	AREA	S
610595.43	4205798.03	17417.73426	11.69	11.69	0	ANNUAL	AREA	S
610602.43	4205798.03	17320.60235	11.62	11.62	0	ANNUAL	AREA	S
610609.43	4205798.03	17193.78708	11.55	11.55	0	ANNUAL	AREA	S
610616.43	4205798.03	17037.07815	11.48	11.48	0	ANNUAL	AREA	S
610623.43	4205798.03	16849.86497	11.42	11.42	0	ANNUAL	AREA	S
610630.43	4205798.03	16633.63727	11.35	11.35	0	ANNUAL	AREA	S
610637.43	4205798.03	16388.19029	11.28	11.28	0	ANNUAL	AREA	S
610644.43	4205798.03	16115.5262	11.19	11.19	0	ANNUAL	AREA	S
610665.43	4205798.03	15138.02068	10.9	10.9	0	ANNUAL	AREA	S
610672.43	4205798.03	14762.91209	10.81	10.81	0	ANNUAL	AREA	S
610679.43	4205798.03	14366.87209	10.71	10.71	0	ANNUAL	AREA	S
610686.43	4205798.03	13950.80235	10.62	10.62	0	ANNUAL	AREA	S
610693.43	4205798.03	13518.1899	10.52	10.52	0	ANNUAL	AREA	S
610700.43	4205798.03	13069.99601	10.43	10.43	0	ANNUAL	AREA	S
610707.43	4205798.03	12610.32621	10.33	10.33	0	ANNUAL	AREA	S
610714.43	4205798.03	12138.51291	10.26	10.26	0	ANNUAL	AREA	S
610721.43	4205798.03	11659.5369	10.19	10.19	0	ANNUAL	AREA	S
610728.43	4205798.03	11176.12482	10.12	10.12	0	ANNUAL	AREA	S
610735.43	4205798.03	10688.02543	10.06	10.06	0	ANNUAL	AREA	S
610784.43	4205798.03	7385.92083	9.61	9.61	0	ANNUAL	AREA	S
610791.43	4205798.03	6959.91981	9.61	9.61	0	ANNUAL	AREA	S
610798.43	4205798.03	6550.39785	9.61	9.61	0	ANNUAL	AREA	S
610805.43	4205798.03	6158.34018	9.62	9.62	0	ANNUAL	AREA	S
610812.43	4205798.03	5784.72152	9.62	9.62	0	ANNUAL	AREA	S
610819.43	4205798.03	5430.13532	9.62	9.62	0	ANNUAL	AREA	S
610826.43	4205798.03	5094.91868	9.62	9.62	0	ANNUAL	AREA	S
610833.43	4205798.03	4779.16496	9.62	9.62	0	ANNUAL	AREA	S
610840.43	4205798.03	4482.88746	9.63	9.63	0	ANNUAL	AREA	S
610847.43	4205798.03	4205.74134	9.63	9.63	0	ANNUAL	AREA	S
610854.43	4205798.03	3947.31429	9.63	9.63	0	ANNUAL	AREA	S
610861.43	4205798.03	3707.01378	9.61	9.61	0	ANNUAL	AREA	S
610868.43	4205798.03	3484.1276	9.58	9.58	0	ANNUAL	AREA	S
610875.43	4205798.03	3277.92257	9.56	9.56	0	ANNUAL	AREA	S
610882.43	4205798.03	3087.46882	9.53	9.53	0	ANNUAL	AREA	S
610889.43	4205798.03	2911.85841	9.5	9.5	0	ANNUAL	AREA	S
610910.43	4205798.03	2464.85149	9.41	9.41	0	ANNUAL	AREA	S
610917.43	4205798.03	2339.32451	9.38	9.38	0	ANNUAL	AREA	S
610924.43	4205798.03	2224.08538	9.35	9.35	0	ANNUAL	AREA	S
610931.43	4205798.03	2118.24903	9.33	9.33	0	ANNUAL	AREA	S
610938.43	4205798.03	2021.01737	9.33	9.33	0	ANNUAL	AREA	S
610945.43	4205798.03	1931.70826	9.33	9.33	0	ANNUAL	AREA	S
610952.43	4205798.03	1849.51626	9.33	9.33	0	ANNUAL	AREA	S
610959.43	4205798.03	1773.80374	9.33	9.33	0	ANNUAL	AREA	S
610966.43	4205798.03	1704.19475	9.33	9.33	0	ANNUAL	AREA	S
610973.43	4205798.03	1639.8655	9.33	9.33	0	ANNUAL	AREA	S
610980.43	4205798.03	1580.4602	9.33	9.33	0	ANNUAL	AREA	S
610987.43	4205798.03	1525.45088	9.34	9.34	0	ANNUAL	AREA	S
610994.43	4205798.03	1474.5015	9.34	9.34	0	ANNUAL	AREA	S
611001.43	4205798.03	1427.18492	9.34	9.34	0	ANNUAL	AREA	S
611008.43	4205798.03	1383.16901	9.34	9.34	0	ANNUAL	AREA	S
611015.43	4205798.03	1342.11716	9.34	9.34	0	ANNUAL	AREA	S
611022.43	4205798.03	1303.81632	9.34	9.34	0	ANNUAL	AREA	S
611029.43	4205798.03	1267.966	9.34	9.34	0	ANNUAL	AREA	S
611036.43	4205798.03	1234.33161	9.34	9.34	0	ANNUAL	AREA	S
611043.43	4205798.03	1202.72934	9.34	9.34	0	ANNUAL	AREA	S
611050.43	4205798.03	1172.99256	9.34	9.34	0	ANNUAL	AREA	S
611057.43	4205798.03	1144.90795	9.35	9.35	0	ANNUAL	AREA	S
611064.43	4205798.03	1118.35769	9.35	9.35	0	ANNUAL	AREA	S
611071.43	4205798.03	1093.20656	9.35	9.35	0	ANNUAL	AREA	S
611078.43	4205798.03	1069.33462	9.35	9.35	0	ANNUAL	AREA	S
611085.43	4205798.03	1046.66128	9.35	9.35	0	ANNUAL	AREA	S
611092.43	4205798.03	1025.0513	9.35	9.35	0	ANNUAL	AREA	S
610294.43	4205805.03	8217.56018	14.84	14.84	0	ANNUAL	AREA	S
610301.43	4205805.03	8449.44538	14.75	14.75	0	ANNUAL	AREA	S
610308.43	4205805.03	8688.00274	14.65	14.65	0	ANNUAL	AREA	S
610315.43	4205805.03	8953.47719	14.56	14.56	0	ANNUAL	AREA	S
610322.43	4205805.03	9204.29096	14.46	14.46	0	ANNUAL	AREA	S
610329.43	4205805.03	9460.98946	14.37	14.37	0	ANNUAL	AREA	S
610336.43	4205805.03	9724.23383	14.27	14.27	0	ANNUAL	AREA	S
610343.43	4205805.03	9993.26999	14.18	14.18	0	ANNUAL	AREA	S
610350.43	4205805.03	10268.64822	14.08	14.08	0	ANNUAL	AREA	S
610357.43	4205805.03	10549.4495	13.99	13.99	0	ANNUAL	AREA	S
610364.43	4205805.03	10836.35242	13.89	13.89	0	ANNUAL	AREA	S
610371.43	4205805.03	11128.12953	13.8	13.8	0	ANNUAL	AREA	S
610378.43	4205805.03	11425.59614	13.7	13.7	0	ANNUAL	AREA	S
610385.43	4205805.03	11727.21596	13.61	13.61	0	ANNUAL	AREA	S
610392.43	4205805.03	12033.36045	13.52	13.52	0	ANNUAL	AREA	S
610399.43	4205805.03	12343.67912	13.42	13.42	0	ANNUAL	AREA	S
610406.43	4205805.03	12657.03603	13.33	13.33	0	ANNUAL	AREA	S
610413.43	4205805.03	12973.49437	13.23	13.23	0	ANNUAL	AREA	S
610420.43	4205805.03	13291.588	13.14	13.14	0	ANNUAL	AREA	S
610427.43	4205805.03	13611.39347	13.04	13.04	0	ANNUAL	AREA	S
610434.43	4205805.03	13931.12192	12.95	12.95	0	ANNUAL	AREA	S
610441.43	4205805.03	14250.78094	12.85	12.85	0	ANNUAL	AREA	S
610448.43	4205805.03	14568.31717	12.76	12.76	0	ANNUAL	AREA	S
610455.43	4205805.03	14883.59407	12.66	12.66	0	ANNUAL	AREA	S
610462.43	4205805.03	15194.42712	12.57	12.57	0	ANNUAL	AREA	S
610469.43	4205805.03	15500.44675	12.47	12.47	0	ANNUAL	AREA	S
610476.43	4205805.03	15799.10468	12.38	12.38	0	ANNUAL	AREA	S
610483.43	4205805.03	16090.24612	12.28	12.28	0	ANNUAL	AREA	S
610490.43	4205805.03	16370.92159	12.19	12.19	0	ANNUAL	AREA	S
610504.43	4205805.03	16889.05247	12.15	12.15	0	ANNUAL	AREA	S
610511.43	4205805.03	17126.08478	12.14	12.14	0	ANNUAL	AREA	S
610518.43	4205805.03	17347.04965	12.12	12.12	0	ANNUAL	AREA	S
610525.43	4205805.03	17549.5892	12.1	12.1	0	ANNUAL	AREA	S
610532.43	4205805.03	17732.06208	12.08	12.08	0	ANNUAL	AREA	S
610539.43	4205805.03	17892.75794	12.06	12.06	0	ANNUAL	AREA	S
610546.43	4205805.03	18029.46656	12.05	12.05	0	ANNUAL	AREA	S
610553.43	4205805.03	18141.85643	12.03	12.03	0	ANNUAL	AREA	S
610560.43	4205805.03	18227.70469	12.01	12.01	0	ANNUAL	AREA	S
610567.43	4205805.03	18287.68703	11.96	11.96	0	ANNUAL	AREA	S
610574.43	4205805.03	18320.52614	11.88	11.88	0	ANNUAL	AREA	S
610581.43	4205805.03	18322.77975	11.81	11.81	0	ANNUAL	AREA	S
610588.43	4205805.03	18294.88798	11.73	11.73	0	ANNUAL	AREA	S
610595.43	4205805.03	18234.59678	11.66	11.66	0	ANNUAL	AREA	S
610602.43	4205805.03	18142.79215	11.58	11.58	0	ANNUAL	AREA	S
610609.43	4205805.03	18018.36981	11.5	11.5	0	ANNUAL	AREA	S
610616.43	4205805.03	17860.56794	11.43	11.43	0	ANNUAL	AREA	S
610623.43	4205805.03	17670.52728	11.35	11.35	0	ANNUAL	AREA	S
610630.43	4205805.03	17447.26828	11.28	11.28	0	ANNUAL	AREA	S
610637.43	4205805.03	17192.42803	11.2	11.2	0	ANNUAL	AREA	S
610644.43	4205805.03	16906.94813	11.11	11.11	0	ANNUAL	AREA	S
610665.43	4205805.03	15874.61752	10.82	10.82	0	ANNUAL	AREA	S
610672.43	4205805.03	15476.28535	10.73	10.73	0	ANNUAL	AREA	S
610679.43	4205805.03	15054.25353	10.64	10.64	0	ANNUAL	AREA	S
610686.43	4205805.03	14611.81049	10.54	10.54	0	ANNUAL	AREA	S
610693.43	4205805.03	14149.88141	10.45	10.45	0	ANNUAL	AREA	S
610700.43	4205805.03	13672.59975	10.35	10.35	0	ANNUAL	AREA	S
610707.43	4205805.03	13181.34832	10.26	10.26	0	ANNUAL	AREA	S
610714.43	4205805.03	12679.78958	10.17	10.17	0	ANNUAL	AREA	S
610721.43	4205805.03	12169.0069	10.1	10.1	0	ANNUAL	AREA	S
610728.43	4205805.03	11648.71824	10.03	10.03	0	ANNUAL	AREA	S
610735.43	4205805.03	11124.32965	9.96	9.96	0	ANNUAL	AREA	S
610763.43	4205805.03	9060.65363	9.66	9.66	0	ANNUAL	AREA	S
610770.43	4205805.03	8566.28791	9.59	9.59	0	ANNUAL	AREA	S
610777.43	4205805.03	8084.96007	9.52	9.52	0	ANNUAL	AREA	S
610784.43	4205805.03	7618.83081	9.46	9.46	0	ANNUAL	AREA	S
610791.43	4205805.03	7169.62403	9.46	9.46	0	ANNUAL	AREA	S
610798.43	4205805.03	6738.62187	9.46	9.46	0	ANNUAL	AREA	S
610805.43	4205805.03	6326.91527	9.47	9.47	0	ANNUAL	AREA	S
610812.43	4205805.03	5935.40155	9.47	9.47	0	ANNUAL	AREA	S
610819.43	4205805.03	5564.71172	9.47	9.47	0	ANNUAL	AREA	S
610826.43	4205805.03	5215.04416	9.47	9.47	0	ANNUAL	AREA	S
610833.43	4205805.03	4886.4068	9.47	9.47	0	ANNUAL	AREA	S

610840.43	4205805.03	4578.83238	9.48	9.48	0	ANNUAL	AREA	5
610847.43	4205805.03	4291.78712	9.48	9.48	0	ANNUAL	AREA	5
610854.43	4205805.03	4014.72887	9.48	9.48	0	ANNUAL	AREA	5
610861.43	4205805.03	3777.04397	9.47	9.47	0	ANNUAL	AREA	5
610868.43	4205805.03	3547.82607	9.44	9.44	0	ANNUAL	AREA	5
610875.43	4205805.03	3336.24246	9.42	9.42	0	ANNUAL	AREA	5
610882.43	4205805.03	3141.25185	9.4	9.4	0	ANNUAL	AREA	5
610889.43	4205805.03	2961.81092	9.38	9.38	0	ANNUAL	AREA	5
610910.43	4205805.03	2506.67024	9.31	9.31	0	ANNUAL	AREA	5
610917.43	4205805.03	2379.2897	9.29	9.29	0	ANNUAL	AREA	5
610924.43	4205805.03	2262.49648	9.27	9.27	0	ANNUAL	AREA	5
610931.43	4205805.03	2155.32963	9.25	9.25	0	ANNUAL	AREA	5
610938.43	4205805.03	2057.01395	9.25	9.25	0	ANNUAL	AREA	5
610945.43	4205805.03	1966.705	9.25	9.25	0	ANNUAL	AREA	5
610952.43	4205805.03	1883.73389	9.25	9.25	0	ANNUAL	AREA	5
610959.43	4205805.03	1807.38108	9.26	9.26	0	ANNUAL	AREA	5
610966.43	4205805.03	1737.09668	9.26	9.26	0	ANNUAL	AREA	5
610973.43	4205805.03	1672.22064	9.26	9.26	0	ANNUAL	AREA	5
610980.43	4205805.03	1612.29028	9.26	9.26	0	ANNUAL	AREA	5
610987.43	4205805.03	1556.86219	9.26	9.26	0	ANNUAL	AREA	5
610994.43	4205805.03	1505.42352	9.26	9.26	0	ANNUAL	AREA	5
611001.43	4205805.03	1457.69495	9.26	9.26	0	ANNUAL	AREA	5
611008.43	4205805.03	1413.25414	9.26	9.26	0	ANNUAL	AREA	5
611015.43	4205805.03	1371.82434	9.26	9.26	0	ANNUAL	AREA	5
611022.43	4205805.03	1333.09745	9.26	9.26	0	ANNUAL	AREA	5
611029.43	4205805.03	1296.84336	9.27	9.27	0	ANNUAL	AREA	5
611036.43	4205805.03	1262.83435	9.27	9.27	0	ANNUAL	AREA	5
611043.43	4205805.03	1230.8425	9.27	9.27	0	ANNUAL	AREA	5
611050.43	4205805.03	1200.70573	9.27	9.27	0	ANNUAL	AREA	5
611057.43	4205805.03	1172.24655	9.27	9.27	0	ANNUAL	AREA	5
611064.43	4205805.03	1145.34742	9.27	9.27	0	ANNUAL	AREA	5
611071.43	4205805.03	1119.83584	9.27	9.27	0	ANNUAL	AREA	5
611078.43	4205805.03	1095.62647	9.27	9.27	0	ANNUAL	AREA	5
611085.43	4205805.03	1072.54391	9.27	9.27	0	ANNUAL	AREA	5
611092.43	4205805.03	1050.58891	9.27	9.27	0	ANNUAL	AREA	5
610294.43	4205812.03	8287.46713	14.76	14.76	0	ANNUAL	AREA	5
610301.43	4205812.03	8526.26019	14.67	14.67	0	ANNUAL	AREA	5
610308.43	4205812.03	8793.77704	14.57	14.57	0	ANNUAL	AREA	5
610315.43	4205812.03	9045.97158	14.48	14.48	0	ANNUAL	AREA	5
610322.43	4205812.03	9305.26074	14.38	14.38	0	ANNUAL	AREA	5
610329.43	4205812.03	9571.08356	14.29	14.29	0	ANNUAL	AREA	5
610336.43	4205812.03	9843.69424	14.2	14.2	0	ANNUAL	AREA	5
610343.43	4205812.03	10123.46952	14.1	14.1	0	ANNUAL	AREA	5
610350.43	4205812.03	10409.54232	14.01	14.01	0	ANNUAL	AREA	5
610357.43	4205812.03	10702.64343	13.91	13.91	0	ANNUAL	AREA	5
610364.43	4205812.03	11001.65837	13.82	13.82	0	ANNUAL	AREA	5
610371.43	4205812.03	11307.37635	13.72	13.72	0	ANNUAL	AREA	5
610378.43	4205812.03	11618.51849	13.63	13.63	0	ANNUAL	AREA	5
610385.43	4205812.03	11935.798	13.53	13.53	0	ANNUAL	AREA	5
610392.43	4205812.03	12257.84589	13.44	13.44	0	ANNUAL	AREA	5
610399.43	4205812.03	12585.21243	13.34	13.34	0	ANNUAL	AREA	5
610406.43	4205812.03	12916.30149	13.25	13.25	0	ANNUAL	AREA	5
610413.43	4205812.03	13251.66156	13.15	13.15	0	ANNUAL	AREA	5
610420.43	4205812.03	13589.53479	13.06	13.06	0	ANNUAL	AREA	5
610427.43	4205812.03	13930.11617	12.96	12.96	0	ANNUAL	AREA	5
610434.43	4205812.03	14271.53801	12.87	12.87	0	ANNUAL	AREA	5
610441.43	4205812.03	14613.3387	12.78	12.78	0	ANNUAL	AREA	5
610448.43	4205812.03	14955.01455	12.68	12.68	0	ANNUAL	AREA	5
610455.43	4205812.03	15294.31339	12.59	12.59	0	ANNUAL	AREA	5
610462.43	4205812.03	15630.88635	12.49	12.49	0	ANNUAL	AREA	5
610469.43	4205812.03	15962.3973	12.4	12.4	0	ANNUAL	AREA	5
610476.43	4205812.03	16288.40963	12.3	12.3	0	ANNUAL	AREA	5
610483.43	4205812.03	16606.14722	12.21	12.21	0	ANNUAL	AREA	5
610490.43	4205812.03	16915.15037	12.11	12.11	0	ANNUAL	AREA	5
610504.43	4205812.03	17487.90495	12.09	12.09	0	ANNUAL	AREA	5
610511.43	4205812.03	17752.90594	12.08	12.08	0	ANNUAL	AREA	5
610518.43	4205812.03	18000.86922	12.07	12.07	0	ANNUAL	AREA	5
610525.43	4205812.03	18230.02327	12.06	12.06	0	ANNUAL	AREA	5
610532.43	4205812.03	18438.39165	12.05	12.05	0	ANNUAL	AREA	5
610539.43	4205812.03	18623.97467	12.04	12.04	0	ANNUAL	AREA	5
610546.43	4205812.03	18784.94632	12.03	12.03	0	ANNUAL	AREA	5
610553.43	4205812.03	18919.49012	12.02	12.02	0	ANNUAL	AREA	5
610560.43	4205812.03	19025.84515	12.01	12.01	0	ANNUAL	AREA	5
610567.43	4205812.03	19105.08473	11.96	11.96	0	ANNUAL	AREA	5
610574.43	4205812.03	19155.61561	11.87	11.87	0	ANNUAL	AREA	5
610581.43	4205812.03	19173.20604	11.79	11.79	0	ANNUAL	AREA	5
610588.43	4205812.03	19157.28545	11.71	11.71	0	ANNUAL	AREA	5
610595.43	4205812.03	19107.54755	11.62	11.62	0	ANNUAL	AREA	5
610602.43	4205812.03	19021.98587	11.54	11.54	0	ANNUAL	AREA	5
610609.43	4205812.03	18900.64984	11.46	11.46	0	ANNUAL	AREA	5
610616.43	4205812.03	18744.00898	11.37	11.37	0	ANNUAL	AREA	5
610623.43	4205812.03	18550.49728	11.29	11.29	0	ANNUAL	AREA	5
610630.43	4205812.03	18321.01367	11.21	11.21	0	ANNUAL	AREA	5
610637.43	4205812.03	18056.12725	11.13	11.13	0	ANNUAL	AREA	5
610644.43	4205812.03	17757.92837	11.03	11.03	0	ANNUAL	AREA	5
610651.43	4205812.03	17425.45419	10.94	10.94	0	ANNUAL	AREA	5
610672.43	4205812.03	16243.60279	10.65	10.65	0	ANNUAL	AREA	5
610679.43	4205812.03	15794.22774	10.56	10.56	0	ANNUAL	AREA	5
610686.43	4205812.03	15322.39857	10.46	10.46	0	ANNUAL	AREA	5
610693.43	4205812.03	14829.2584	10.37	10.37	0	ANNUAL	AREA	5
610700.43	4205812.03	14319.56382	10.27	10.27	0	ANNUAL	AREA	5
610707.43	4205812.03	13794.71212	10.18	10.18	0	ANNUAL	AREA	5
610714.43	4205812.03	13258.9268	10.09	10.09	0	ANNUAL	AREA	5
610721.43	4205812.03	12707.20898	10.01	10.01	0	ANNUAL	AREA	5
610728.43	4205812.03	12149.20031	9.93	9.93	0	ANNUAL	AREA	5
610756.43	4205812.03	9928.42438	9.61	9.61	0	ANNUAL	AREA	5
610763.43	4205812.03	9390.96934	9.53	9.53	0	ANNUAL	AREA	5
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610777.43	4205812.03	8356.001	9.37	9.37	0	ANNUAL	AREA	5
610784.43	4205812.03	7863.10284	9.31	9.31	0	ANNUAL	AREA	5
610791.43	4205812.03	7389.02612	9.31	9.31	0	ANNUAL	AREA	5
610798.43	4205812.03	6935.14125	9.31	9.31	0	ANNUAL	AREA	5
610805.43	4205812.03	6502.52049	9.31	9.31	0	ANNUAL	AREA	5
610812.43	4205812.03	6092.10131	9.32	9.32	0	ANNUAL	AREA	5
610819.43	4205812.03	5704.34041	9.32	9.32	0	ANNUAL	AREA	5
610826.43	4205812.03	5339.42256	9.32	9.32	0	ANNUAL	AREA	5
610833.43	4205812.03	4997.41849	9.32	9.32	0	ANNUAL	AREA	5
610840.43	4205812.03	4678.06894	9.32	9.32	0	ANNUAL	AREA	5
610847.43	4205812.03	4380.77652	9.33	9.33	0	ANNUAL	AREA	5
610854.43	4205812.03	4104.90087	9.33	9.33	0	ANNUAL	AREA	5
610861.43	4205812.03	3849.60827	9.32	9.32	0	ANNUAL	AREA	5
610868.43	4205812.03	3613.93857	9.31	9.31	0	ANNUAL	AREA	5
610875.43	4205812.03	3396.85112	9.29	9.29	0	ANNUAL	AREA	5
610882.43	4205812.03	3197.25987	9.28	9.28	0	ANNUAL	AREA	5
610889.43	4205812.03	3013.9884	9.26	9.26	0	ANNUAL	AREA	5
610910.43	4205812.03	2550.65543	9.22	9.22	0	ANNUAL	AREA	5
610917.43	4205812.03	2421.46789	9.2	9.2	0	ANNUAL	AREA	5
610924.43	4205812.03	2303.05943	9.19	9.19	0	ANNUAL	AREA	5
610931.43	4205812.03	2194.62377	9.18	9.18	0	ANNUAL	AREA	5
610938.43	4205812.03	2095.20403	9.18	9.18	0	ANNUAL	AREA	5
610945.43	4205812.03	2003.96621	9.18	9.18	0	ANNUAL	AREA	5
610952.43	4205812.03	1920.1709	9.18	9.18	0	ANNUAL	AREA	5
610959.43	4205812.03	1843.08753	9.18	9.18	0	ANNUAL	AREA	5
610966.43	4205812.03	1772.12789	9.18	9.18	0	ANNUAL	AREA	5
610973.43	4205812.03	1706.7021	9.18	9.18	0	ANNUAL	AREA	5
610980.43	4205812.03	1646.24358	9.18	9.18	0	ANNUAL	AREA	5
610987.43	4205812.03	1590.28353	9.18	9.18	0	ANNUAL	AREA	5
610994.43	4205812.03	1538.41058	9.18	9.18	0	ANNUAL	AREA	5
611001.43	4205812.03	1490.18896	9.19	9.19	0	ANNUAL	AREA	5
611008.43	4205812.03	1445.31619	9.19	9.19	0	ANNUAL	AREA	5
611015.43	4205812.03	1403.44765	9.19	9.19	0	ANNUAL	AREA	5
611022.43	4205812.03	1364.32053	9.19	9.19	0	ANNUAL	AREA	5
611029.43	4205812.03	1327.62359	9.19	9.19	0	ANNUAL	AREA	5
611036.43	4205812.03	1293.17262	9.19	9.19	0	ANNUAL	AREA	5
611043.43	4205812.03	1260.78056	9.19	9.19	0	ANNUAL	AREA	5
611050.43	4205812.03	1230.2421	9.19	9.19	0	ANNUAL	AREA	5
611057.43	4205812.03	1201.39248	9.19	9.19	0	ANNUAL	AREA	5
611064.43	4205812.03	1174.07697	9.19	9.19	0	ANNUAL	AREA	5
611071.43	4205812.03	1148.16682	9.2	9.2	0	ANNUAL	AREA	5
611078.43	4205812.03	1123.54341	9.2	9.2	0	ANNUAL	AREA	5
611085.43	4205812.03	1100.1195	9.2	9.2	0	ANNUAL	AREA	5
611092.43	4205812.03	1077.75369	9.2	9.2	0	ANNUAL	AREA	5
610294.43	4205819.03	8353.51542	14.69	14.69	0	ANNUAL	AREA	5
610301.43	4205819.03	8599.46071	14.59	14.59	0	ANNUAL	AREA	5
610308.43	4205819.03	8874.36456	14.5	14.5	0	ANNUAL	AREA	5
610315.43	4205819.03	9134.72396	14.4	14.4	0	ANNUAL	AREA	5
610322.43	4205819.03	9402.20765	14.31	14.31	0	ANNUAL	AREA	5
610329.43	4205819.03	9677.48385	14.21	14.21	0	ANNUAL	AREA	5
610336.43	4205819.03	9959.9206	14.12	14.12	0	ANNUAL	AREA	5
610343.43	4205819.03	10250.18029	14.02	14.02	0	ANNUAL	AREA	5
610350.43	4205819.03	10547.48273	13.93	13.93	0	ANNUAL	AREA	5
610357.43	4205819.03	10852.53134	13.83	13.83	0	ANNUAL	AREA	5
610364.43	4205819.03	11164.43192	13.74	13.74	0	ANNUAL	AREA	5
610371.43	4205819.03	11483.76806	13.64	13.64	0	ANNUAL	AREA	5
610378.43	4205819.03	11809.49861	13.55	13.55	0	ANNUAL	AREA	5
610385.43	4205819.03	12141.85007	13.46	13.46	0	ANNUAL	AREA	5
610392.43	4205819.03	12480.78862	13.36	13.36	0	ANNUAL	AREA	5
610399.43	4205819.03	12825.13113	13.27	13.27	0	ANNUAL	AREA	5
610406.43	4205819.03	13175.28587	13.17	13.17	0	ANNUAL	AREA	5
610413.43	4205819.03	13529.66078	13.08	13.08	0	ANNUAL	AREA	5
610420.43	4205819.03	13888.6286	12.98	12.98	0	ANNUAL	AREA	5
610427.43	4205819.03	14250.39882	12.89	12.89	0	ANNUAL	AREA	5
610434.43	4205819.03	14615.20552	12.79	12.79	0	ANNUAL	AREA	5
610441.43	4205819.03	14980.89172	12.7	12.7	0	ANNUAL	AREA	5
610448.43	4205819.03	15347.48274	12.6	12.6	0	ANNUAL	AREA	5
610455.43	4205819.03	15712.69685	12.51	12.51	0	ANNUAL	AREA	5
610462.43	4205819.03	16076.28773	12.41	12.41	0	ANNUAL	AREA	5
610469.43	4205819.03	16435.70529	12.32	12.32	0	ANNUAL	AREA	5
610476.43	4205819.03	16789.83607	12.23	12.23	0	ANNUAL	AREA	5
610483.43	4205819.03	17137.63023	12.13	12.13	0	ANNUAL	AREA	5
610490.43	4205819.03	17476.15011	12.04	12.04	0	ANNUAL	AREA	5
610504.43	4205819.03	18109.28955	12.03	12.03	0	ANNUAL	AREA	5
610511.43	4205819.03	18404.23698	12.03	12.03	0	ANNUAL	AREA	5
610518.43	4205819.03	18682.87092	12.02	12.02	0	ANNUAL	AREA	5
610525.43	4205819.03	18941.63109	12.02	12.02	0	ANNUAL	AREA	5
610532.43	4205819.03	19178.82638	12.02	12.02	0	ANNUAL	AREA	5
610539.43	4205819.03	19393.12397	12.01	12.01	0	ANNUAL	AREA	5
610546.43	4205819.03	19580.85194	12.01	12.01	0	ANNUAL	AREA	5
610553.43	4205819.03	19740.74235	12.01	12.01	0	ANNUAL	AREA	5
610560.43	4205819.03	19871.38921	12	12	0	ANNUAL	AREA	5
610567.43	4205819.03	19972.75179	11.95	11.95	0	ANNUAL	AREA	5
610574.43	4205819.03	20043.34905	11.86	11.86	0	ANNUAL	AREA	5
610581.43	4205819.03	20078.97979	11.77	11.77	0	ANNUAL	AREA	5
610588.43	4205819.03	20078.27411	11.68	11.68	0	ANNUAL	AREA	5
610595.43	4205819.03	20040.01558	11.59	11.59	0	ANNUAL	AREA	5
610602.43	4205819.03	19963.23907	11.5	11.5	0	ANNUAL	AREA	5
610609.43	4205819.03	19847.27905	11.41	11.41	0	ANNUAL	AREA	5
610616.43	4205819.03	19691.58448	11.32	11.32	0	ANNUAL	AREA	5
610623.43	4205819.03	19496.14558	11.23	11.23	0	ANNUAL	AREA	5
610630.43	4205819.03	19260.94469	11.14	11.14	0	ANNUAL	AREA	5
610637.43	4205819.03	18986.49358	11.05	11.05	0	ANNUAL	AREA	5
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610658.43	4205819.03	17938.84798	10.77	10.77	0	ANNUAL	AREA	5
610679.43	4205819.03	16591.57535	10.48	10.48	0	ANNUAL	AREA	5
610686.43	4205819.03	16086.86874	10.39	10.39	0	ANNUAL	AREA	5

610693.43	4205819.03	15560.60862	10.29	10.29	0	ANNUAL	AREA	5
610700.43	4205819.03	15014.5121	10.2	10.2	0	ANNUAL	AREA	5
610707.43	4205819.03	14454.01647	10.1	10.1	0	ANNUAL	AREA	5
610714.43	4205819.03	13873.24178	10.01	10.01	0	ANNUAL	AREA	5
610721.43	4205819.03	13281.38643	9.92	9.92	0	ANNUAL	AREA	5
610749.43	4205819.03	10896.07382	9.57	9.57	0	ANNUAL	AREA	5
610756.43	4205819.03	10312.31808	9.49	9.49	0	ANNUAL	AREA	5
610763.43	4205819.03	9740.13259	9.4	9.4	0	ANNUAL	AREA	5
610770.43	4205819.03	9182.27463	9.31	9.31	0	ANNUAL	AREA	5
610777.43	4205819.03	8641.38293	9.23	9.23	0	ANNUAL	AREA	5
610784.43	4205819.03	8119.54867	9.16	9.16	0	ANNUAL	AREA	5
610791.43	4205819.03	7618.80756	9.16	9.16	0	ANNUAL	AREA	5
610798.43	4205819.03	7140.42847	9.16	9.16	0	ANNUAL	AREA	5
610805.43	4205819.03	6685.54351	9.16	9.16	0	ANNUAL	AREA	5
610812.43	4205819.03	6254.98984	9.16	9.16	0	ANNUAL	AREA	5
610819.43	4205819.03	5849.23664	9.17	9.17	0	ANNUAL	AREA	5
610826.43	4205819.03	5468.40613	9.17	9.17	0	ANNUAL	AREA	5
610833.43	4205819.03	5112.35015	9.17	9.17	0	ANNUAL	AREA	5
610840.43	4205819.03	4780.75043	9.17	9.17	0	ANNUAL	AREA	5
610847.43	4205819.03	4472.88062	9.17	9.17	0	ANNUAL	AREA	5
610854.43	4205819.03	4187.9011	9.18	9.18	0	ANNUAL	AREA	5
610861.43	4205819.03	3924.8783	9.17	9.17	0	ANNUAL	AREA	5
610868.43	4205819.03	3682.64804	9.17	9.17	0	ANNUAL	AREA	5
610875.43	4205819.03	3460.0309	9.16	9.16	0	ANNUAL	AREA	5
610882.43	4205819.03	3255.75498	9.15	9.15	0	ANNUAL	AREA	5
610889.43	4205819.03	3068.59005	9.14	9.14	0	ANNUAL	AREA	5
610910.43	4205819.03	2597.13807	9.12	9.12	0	ANNUAL	AREA	5
610917.43	4205819.03	2466.02159	9.11	9.11	0	ANNUAL	AREA	5
610924.43	4205819.03	2346.0669	9.11	9.11	0	ANNUAL	AREA	5
610931.43	4205819.03	2236.32893	9.1	9.1	0	ANNUAL	AREA	5
610938.43	4205819.03	2135.79956	9.1	9.1	0	ANNUAL	AREA	5
610945.43	4205819.03	2043.61519	9.1	9.1	0	ANNUAL	AREA	5
610952.43	4205819.03	1959.01308	9.1	9.1	0	ANNUAL	AREA	5
610959.43	4205819.03	1881.23811	9.1	9.1	0	ANNUAL	AREA	5
610966.43	4205819.03	1809.59057	9.1	9.1	0	ANNUAL	AREA	5
610973.43	4205819.03	1743.53256	9.11	9.11	0	ANNUAL	AREA	5
610980.43	4205819.03	1682.50905	9.11	9.11	0	ANNUAL	AREA	5
610987.43	4205819.03	1626.01735	9.11	9.11	0	ANNUAL	AREA	5
610994.43	4205819.03	1573.62852	9.11	9.11	0	ANNUAL	AREA	5
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611008.43	4205819.03	1479.57872	9.11	9.11	0	ANNUAL	AREA	5
611015.43	4205819.03	1437.24629	9.11	9.11	0	ANNUAL	AREA	5
611022.43	4205819.03	1397.62321	9.11	9.11	0	ANNUAL	AREA	5
611029.43	4205819.03	1360.49832	9.11	9.11	0	ANNUAL	AREA	5
611036.43	4205819.03	1325.59998	9.12	9.12	0	ANNUAL	AREA	5
611043.43	4205819.03	1292.75974	9.12	9.12	0	ANNUAL	AREA	5
611050.43	4205819.03	1261.7778	9.12	9.12	0	ANNUAL	AREA	5
611057.43	4205819.03	1232.4908	9.12	9.12	0	ANNUAL	AREA	5
611064.43	4205819.03	1204.75328	9.12	9.12	0	ANNUAL	AREA	5
611071.43	4205819.03	1178.41348	9.12	9.12	0	ANNUAL	AREA	5
611078.43	4205819.03	1153.3626	9.12	9.12	0	ANNUAL	AREA	5
611085.43	4205819.03	1129.50554	9.12	9.12	0	ANNUAL	AREA	5
611092.43	4205819.03	1106.74777	9.12	9.12	0	ANNUAL	AREA	5
610294.43	4205826.03	8415.38976	14.63	14.63	0	ANNUAL	AREA	5
610301.43	4205826.03	8690.26135	14.54	14.54	0	ANNUAL	AREA	5
610308.43	4205826.03	8950.24171	14.45	14.45	0	ANNUAL	AREA	5
610315.43	4205826.03	9217.76793	14.37	14.37	0	ANNUAL	AREA	5
610322.43	4205826.03	9493.65995	14.28	14.28	0	ANNUAL	AREA	5
610329.43	4205826.03	9777.69412	14.19	14.19	0	ANNUAL	AREA	5
610336.43	4205826.03	10069.81482	14.1	14.1	0	ANNUAL	AREA	5
610343.43	4205826.03	10370.18207	14.01	14.01	0	ANNUAL	AREA	5
610350.43	4205826.03	10679.14267	13.91	13.91	0	ANNUAL	AREA	5
610357.43	4205826.03	10995.81732	13.82	13.82	0	ANNUAL	AREA	5
610364.43	4205826.03	11321.06074	13.72	13.72	0	ANNUAL	AREA	5
610371.43	4205826.03	11653.77528	13.63	13.63	0	ANNUAL	AREA	5
610378.43	4205826.03	11994.81102	13.53	13.53	0	ANNUAL	AREA	5
610385.43	4205826.03	12343.30594	13.43	13.43	0	ANNUAL	AREA	5
610392.43	4205826.03	12698.69199	13.34	13.34	0	ANNUAL	AREA	5
610399.43	4205826.03	13061.41664	13.24	13.24	0	ANNUAL	AREA	5
610406.43	4205826.03	13430.11533	13.15	13.15	0	ANNUAL	AREA	5
610413.43	4205826.03	13805.18123	13.05	13.05	0	ANNUAL	AREA	5
610420.43	4205826.03	14185.05573	12.96	12.96	0	ANNUAL	AREA	5
610427.43	4205826.03	14569.97934	12.86	12.86	0	ANNUAL	AREA	5
610434.43	4205826.03	14958.00477	12.77	12.77	0	ANNUAL	AREA	5
610441.43	4205826.03	15349.29439	12.67	12.67	0	ANNUAL	AREA	5
610448.43	4205826.03	15742.23123	12.57	12.57	0	ANNUAL	AREA	5
610455.43	4205826.03	16134.9437	12.48	12.48	0	ANNUAL	AREA	5
610462.43	4205826.03	16527.21111	12.38	12.38	0	ANNUAL	AREA	5
610469.43	4205826.03	16916.35425	12.29	12.29	0	ANNUAL	AREA	5
610476.43	4205826.03	17301.8923	12.19	12.19	0	ANNUAL	AREA	5
610483.43	4205826.03	17680.89432	12.1	12.1	0	ANNUAL	AREA	5
610490.43	4205826.03	18052.39601	12	12	0	ANNUAL	AREA	5
610504.43	4205826.03	18752.03081	11.99	11.99	0	ANNUAL	AREA	5
610511.43	4205826.03	19080.73589	11.99	11.99	0	ANNUAL	AREA	5
610518.43	4205826.03	19392.39762	11.99	11.99	0	ANNUAL	AREA	5
610525.43	4205826.03	19685.25355	11.98	11.98	0	ANNUAL	AREA	5
610532.43	4205826.03	19955.57784	11.98	11.98	0	ANNUAL	AREA	5
610539.43	4205826.03	20201.24737	11.98	11.98	0	ANNUAL	AREA	5
610546.43	4205826.03	20420.12218	11.98	11.98	0	ANNUAL	AREA	5
610553.43	4205826.03	20610.18261	11.97	11.97	0	ANNUAL	AREA	5
610560.43	4205826.03	20767.83053	11.97	11.97	0	ANNUAL	AREA	5
610567.43	4205826.03	20895.02826	11.92	11.92	0	ANNUAL	AREA	5
610574.43	4205826.03	20989.70823	11.82	11.82	0	ANNUAL	AREA	5
610581.43	4205826.03	21045.93946	11.73	11.73	0	ANNUAL	AREA	5
610588.43	4205826.03	21063.35518	11.63	11.63	0	ANNUAL	AREA	5
610595.43	4205826.03	21039.17325	11.54	11.54	0	ANNUAL	AREA	5
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610609.43	4205826.03	20864.08529	11.35	11.35	0	ANNUAL	AREA	5
610616.43	4205826.03	20710.95105	11.26	11.26	0	ANNUAL	AREA	5
610623.43	4205826.03	20514.61863	11.16	11.16	0	ANNUAL	AREA	5
610630.43	4205826.03	20273.54521	11.07	11.07	0	ANNUAL	AREA	5
610637.43	4205826.03	19989.68302	10.97	10.97	0	ANNUAL	AREA	5
610644.43	4205826.03	19662.67924	10.88	10.88	0	ANNUAL	AREA	5
610651.43	4205826.03	19294.38399	10.79	10.79	0	ANNUAL	AREA	5
610658.43	4205826.03	18887.16947	10.69	10.69	0	ANNUAL	AREA	5
610686.43	4205826.03	16911.83294	10.32	10.32	0	ANNUAL	AREA	5
610693.43	4205826.03	16348.49154	10.22	10.22	0	ANNUAL	AREA	5
610700.43	4205826.03	15763.44554	10.13	10.13	0	ANNUAL	AREA	5
610707.43	4205826.03	15157.28037	10.03	10.03	0	ANNUAL	AREA	5
610742.43	4205826.03	11976.23208	9.56	9.56	0	ANNUAL	AREA	5
610749.43	4205826.03	11343.01883	9.46	9.46	0	ANNUAL	AREA	5
610756.43	4205826.03	10719.8998	9.37	9.37	0	ANNUAL	AREA	5
610763.43	4205826.03	10110.0062	9.27	9.27	0	ANNUAL	AREA	5
610770.43	4205826.03	9516.45276	9.17	9.17	0	ANNUAL	AREA	5
610777.43	4205826.03	8942.0377	9.08	9.08	0	ANNUAL	AREA	5
610784.43	4205826.03	8389.02825	9	9	0	ANNUAL	AREA	5
610791.43	4205826.03	7859.71269	9.01	9.01	0	ANNUAL	AREA	5
610798.43	4205826.03	7355.18142	9.01	9.01	0	ANNUAL	AREA	5
610805.43	4205826.03	6876.53634	9.01	9.01	0	ANNUAL	AREA	5
610812.43	4205826.03	6424.57531	9.01	9.01	0	ANNUAL	AREA	5
610819.43	4205826.03	5999.86611	9.02	9.02	0	ANNUAL	AREA	5
610826.43	4205826.03	5602.25969	9.02	9.02	0	ANNUAL	AREA	5
610833.43	4205826.03	5231.58162	9.02	9.02	0	ANNUAL	AREA	5
610840.43	4205826.03	4887.20431	9.02	9.02	0	ANNUAL	AREA	5
610847.43	4205826.03	4568.36473	9.02	9.02	0	ANNUAL	AREA	5
610854.43	4205826.03	4274.04006	9.03	9.03	0	ANNUAL	AREA	5
610861.43	4205826.03	4003.02766	9.03	9.03	0	ANNUAL	AREA	5
610868.43	4205826.03	3754.10589	9.03	9.03	0	ANNUAL	AREA	5
610875.43	4205826.03	3525.88867	9.03	9.03	0	ANNUAL	AREA	5
610882.43	4205826.03	3316.9605	9.03	9.03	0	ANNUAL	AREA	5
610889.43	4205826.03	3125.89075	9.03	9.03	0	ANNUAL	AREA	5
610910.43	4205826.03	2646.33468	9.03	9.03	0	ANNUAL	AREA	5
610917.43	4205826.03	2513.37393	9.03	9.03	0	ANNUAL	AREA	5
610924.43	4205826.03	2391.90478	9.02	9.02	0	ANNUAL	AREA	5
610931.43	4205826.03	2280.82565	9.02	9.02	0	ANNUAL	AREA	5
610938.43	4205826.03	2179.16732	9.03	9.03	0	ANNUAL	AREA	5
610945.43	4205826.03	2086.04814	9.03	9.03	0	ANNUAL	AREA	5
610952.43	4205826.03	2000.54374	9.03	9.03	0	ANNUAL	AREA	5
610959.43	4205826.03	1921.99842	9.03	9.03	0	ANNUAL	AREA	5
610966.43	4205826.03	1849.6896	9.03	9.03	0	ANNUAL	AREA	5
610973.43	4205826.03	1783.00006	9.03	9.03	0	ANNUAL	AREA	5
610980.43	4205826.03	1721.37689	9.03	9.03	0	ANNUAL	AREA	5
610987.43	4205826.03	1664.31485	9.03	9.03	0	ANNUAL	AREA	5
610994.43	4205826.03	1611.35694	9.03	9.03	0	ANNUAL	AREA	5
611001.43	4205826.03	1562.1167	9.03	9.03	0	ANNUAL	AREA	5
611008.43	4205826.03	1516.25319	9.04	9.04	0	ANNUAL	AREA	5
611015.43	4205826.03	1473.41673	9.04	9.04	0	ANNUAL	AREA	5
611022.43	4205826.03	1433.30583	9.04	9.04	0	ANNUAL	AREA	5
611029.43	4205826.03	1395.66775	9.04	9.04	0	ANNUAL	AREA	5
611036.43	4205826.03	1360.31714	9.04	9.04	0	ANNUAL	AREA	5
611043.43	4205826.03	1327.00564	9.04	9.04	0	ANNUAL	AREA	5
611050.43	4205826.03	1295.5422	9.04	9.04	0	ANNUAL	AREA	5
611057.43	4205826.03	1265.77518	9.04	9.04	0	ANNUAL	AREA	5
611064.43	4205826.03	1237.54835	9.04	9.04	0	ANNUAL	AREA	5
611071.43	4205826.03	1210.74741	9.04	9.04	0	ANNUAL	AREA	5
611078.43	4205826.03	1185.25291	9.05	9.05	0	ANNUAL	AREA	5
611085.43	4205826.03	1160.94665	9.05	9.05	0	ANNUAL	AREA	5
610294.43	4205833.03	8495.89441	14.58	14.58	0	ANNUAL	AREA	5
610301.43	4205833.03	8754.43927	14.5	14.5	0	ANNUAL	AREA	5
610308.43	4205833.03	9021.16676	14.42	14.42	0	ANNUAL	AREA	5
610315.43	4205833.03	9296.84055	14.33	14.33	0	ANNUAL	AREA	5
610322.43	4205833.03	9580.73225	14.25	14.25	0	ANNUAL	AREA	5
610329.43	4205833.03	9873.3691	14.17	14.17	0	ANNUAL	AREA	5
610336.43	4205833.03	10174.90338	14.09	14.09	0	ANNUAL	AREA	5
610343.43	4205833.03	10485.32496	14.01	14.01	0	ANNUAL	AREA	5
610350.43	4205833.03	10805.53882	13.91	13.91	0	ANNUAL	AREA	5
610357.43	4205833.03	11134.39835	13.82	13.82	0	ANNUAL	AREA	5
610364.43	4205833.03	11472.59905	13.72	13.72	0	ANNUAL	AREA	5
610371.43	4205833.03	11819.81838	13.62	13.62	0	ANNUAL	AREA	5
610378.43	4205833.03	12175.29042	13.53	13.53	0	ANNUAL	AREA	5
610385.43	4205833.03	12539.97361	13.43	13.43	0	ANNUAL	AREA	5
610392.43	4205833.03	12912.51083	13.34	13.34	0	ANNUAL	AREA	5
610399.43	4205833.03	13293.54728	13.24	13.24	0	ANNUAL	AREA	5
610406.43	4205833.03	13681.84071	13.15	13.15	0	ANNUAL	AREA	5
610413.43	4205833.03	14077.78514	13.05	13.05	0	ANNUAL	AREA	5
610420.43	4205833.03	14479.71685	12.96	12.96	0	ANNUAL	AREA	5
610427.43	4205833.03	14888.1719	12.86	12.86	0	ANNUAL	AREA	5
610434.43	4205833.03	15301.61759	12.76	12.76	0	ANNUAL	AREA	5
610441.43	4205833.03	15718.63853	12.67	12.67	0	ANNUAL	AREA	5
610448.43	4205833.03	16139.18197	12.57	12.57	0	ANNUAL	AREA	5
610455.43	4205833.03	16560.91974	12.48	12.48	0	ANNUAL	AREA	5
610462.43	4205833.03	16983.60381	12.38	12.38	0	ANNUAL	AREA	5
610469.43	4205833.03	17404.4951	12.29	12.29	0	ANNUAL	AREA	5
610476.43	4205833.03	17823.06845	12.19	12.19	0	ANNUAL	AREA	5
610483.43	4205833.03	18236.68798	12.09	12.09	0	ANNUAL	AREA	5
610490.43	4205833.03	18642.90552	12	12	0	ANNUAL	AREA	5
610504.43	4205833.03	19415.41446	11.98	11.98	0	ANNUAL	AREA	5
610511.43	4205833.03	19781.73141	11.97	11.97	0	ANNUAL	AREA	5
610518.43	4205833.03	20131.23901	11.96	11.96	0	ANNUAL	AREA	5
610525.43	4205833.03	20461.30296	11.95	11.95	0	ANNUAL	AREA	5
610532.43	4205833.03	20769.04681	11.94	11.94	0	ANNUAL	AREA	5
610539.43	4205833.03	21051.6546	11.93	11.93	0	ANNUAL	AREA	5
610546.43	4205833.03	21306.23796	11.92	11.92	0	ANNUAL	AREA	5
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610560.43	4205833.03	21720.26718	11.9	11.9	0	ANNUAL	AREA	5
610567.43	4205833.03	21877.90153	11.84	11.84	0	ANNUAL	AREA	5

610574.43	4205833.03	21999.10568	11.75	11.75	0	ANNUAL	AREA	5
610581.43	4205833.03	22080.34441	11.65	11.65	0	ANNUAL	AREA	5
610588.43	4205833.03	22117.99624	11.56	11.56	0	ANNUAL	AREA	5
610595.43	4205833.03	22111.79562	11.46	11.46	0	ANNUAL	AREA	5
610602.43	4205833.03	22058.49554	11.37	11.37	0	ANNUAL	AREA	5
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610616.43	4205833.03	21809.98938	11.18	11.18	0	ANNUAL	AREA	5
610623.43	4205833.03	21613.26512	11.08	11.08	0	ANNUAL	AREA	5
610630.43	4205833.03	21367.15472	10.99	10.99	0	ANNUAL	AREA	5
610637.43	4205833.03	21072.72935	10.9	10.9	0	ANNUAL	AREA	5
610644.43	4205833.03	20731.08347	10.81	10.81	0	ANNUAL	AREA	5
610651.43	4205833.03	20343.42671	10.72	10.72	0	ANNUAL	AREA	5
610658.43	4205833.03	19910.82323	10.64	10.64	0	ANNUAL	AREA	5
610665.43	4205833.03	19437.51877	10.55	10.55	0	ANNUAL	AREA	5
610693.43	4205833.03	17191.48629	10.21	10.21	0	ANNUAL	AREA	5
610700.43	4205833.03	16565.29524	10.12	10.12	0	ANNUAL	AREA	5
610707.43	4205833.03	15912.85406	10.03	10.03	0	ANNUAL	AREA	5
610728.43	4205833.03	13871.63767	9.75	9.75	0	ANNUAL	AREA	5
610735.43	4205833.03	13183.22925	9.65	9.65	0	ANNUAL	AREA	5
610742.43	4205833.03	12498.14361	9.56	9.56	0	ANNUAL	AREA	5
610749.43	4205833.03	11820.27231	9.46	9.46	0	ANNUAL	AREA	5
610756.43	4205833.03	11154.10437	9.36	9.36	0	ANNUAL	AREA	5
610763.43	4205833.03	10503.29366	9.27	9.27	0	ANNUAL	AREA	5
610770.43	4205833.03	9871.0128	9.17	9.17	0	ANNUAL	AREA	5
610777.43	4205833.03	9260.30954	9.08	9.08	0	ANNUAL	AREA	5
610784.43	4205833.03	8671.67668	9	9	0	ANNUAL	AREA	5
610791.43	4205833.03	8113.38096	9	9	0	ANNUAL	AREA	5
610798.43	4205833.03	7580.65206	9	9	0	ANNUAL	AREA	5
610805.43	4205833.03	7076.55512	9	9	0	ANNUAL	AREA	5
610812.43	4205833.03	6601.92645	9	9	0	ANNUAL	AREA	5
610819.43	4205833.03	6157.00119	9	9	0	ANNUAL	AREA	5
610826.43	4205833.03	5741.69861	9	9	0	ANNUAL	AREA	5
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610840.43	4205833.03	4997.91602	9	9	0	ANNUAL	AREA	5
610847.43	4205833.03	4667.63508	9	9	0	ANNUAL	AREA	5
610854.43	4205833.03	4363.65341	9	9	0	ANNUAL	AREA	5
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610875.43	4205833.03	3594.85801	9	9	0	ANNUAL	AREA	5
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610889.43	4205833.03	3186.20904	9	9	0	ANNUAL	AREA	5
610910.43	4205833.03	2698.50884	9	9	0	ANNUAL	AREA	5
610917.43	4205833.03	2563.67929	9	9	0	ANNUAL	AREA	5
610924.43	4205833.03	2440.68718	9	9	0	ANNUAL	AREA	5
610931.43	4205833.03	2328.28158	9	9	0	ANNUAL	AREA	5
610938.43	4205833.03	2225.47335	9	9	0	ANNUAL	AREA	5
610945.43	4205833.03	2131.39055	9	9	0	ANNUAL	AREA	5
610952.43	4205833.03	2045.02406	9	9	0	ANNUAL	AREA	5
610959.43	4205833.03	1965.70236	9	9	0	ANNUAL	AREA	5
610966.43	4205833.03	1892.66831	9	9	0	ANNUAL	AREA	5
610973.43	4205833.03	1825.28915	9	9	0	ANNUAL	AREA	5
610980.43	4205833.03	1763.01555	9	9	0	ANNUAL	AREA	5
610987.43	4205833.03	1705.3407	9	9	0	ANNUAL	AREA	5
610994.43	4205833.03	1651.81802	9	9	0	ANNUAL	AREA	5
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611015.43	4205833.03	1512.18958	9	9	0	ANNUAL	AREA	5
611022.43	4205833.03	1471.5647	9	9	0	ANNUAL	AREA	5
611029.43	4205833.03	1433.42144	9	9	0	ANNUAL	AREA	5
611036.43	4205833.03	1397.52608	9	9	0	ANNUAL	AREA	5
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611050.43	4205833.03	1331.72343	9	9	0	ANNUAL	AREA	5
611057.43	4205833.03	1301.43402	9	9	0	ANNUAL	AREA	5
611064.43	4205833.03	1272.71224	9	9	0	ANNUAL	AREA	5
611071.43	4205833.03	1245.41299	9	9	0	ANNUAL	AREA	5
611078.43	4205833.03	1219.4163	9	9	0	ANNUAL	AREA	5
611085.43	4205833.03	1194.62395	9	9	0	ANNUAL	AREA	5
610294.43	4205840.03	8549.48156	14.53	14.53	0	ANNUAL	AREA	5
610301.43	4205840.03	8814.44271	14.45	14.45	0	ANNUAL	AREA	5
610308.43	4205840.03	9088.02085	14.38	14.38	0	ANNUAL	AREA	5
610315.43	4205840.03	9370.92362	14.3	14.3	0	ANNUAL	AREA	5
610322.43	4205840.03	9662.74411	14.23	14.23	0	ANNUAL	AREA	5
610329.43	4205840.03	9964.33546	14.15	14.15	0	ANNUAL	AREA	5
610336.43	4205840.03	10275.09204	14.08	14.08	0	ANNUAL	AREA	5
610343.43	4205840.03	10596.00579	14	14	0	ANNUAL	AREA	5
610350.43	4205840.03	10927.08387	13.91	13.91	0	ANNUAL	AREA	5
610357.43	4205840.03	11268.52874	13.81	13.81	0	ANNUAL	AREA	5
610364.43	4205840.03	11619.46016	13.72	13.72	0	ANNUAL	AREA	5
610371.43	4205840.03	11980.73488	13.62	13.62	0	ANNUAL	AREA	5
610378.43	4205840.03	12351.44779	13.53	13.53	0	ANNUAL	AREA	5
610385.43	4205840.03	12732.37098	13.43	13.43	0	ANNUAL	AREA	5
610392.43	4205840.03	13122.41678	13.34	13.34	0	ANNUAL	AREA	5
610399.43	4205840.03	13522.2848	13.24	13.24	0	ANNUAL	AREA	5
610406.43	4205840.03	13930.59879	13.15	13.15	0	ANNUAL	AREA	5
610413.43	4205840.03	14347.97211	13.05	13.05	0	ANNUAL	AREA	5
610420.43	4205840.03	14773.44966	12.95	12.95	0	ANNUAL	AREA	5
610427.43	4205840.03	15205.57616	12.86	12.86	0	ANNUAL	AREA	5
610434.43	4205840.03	15645.00074	12.76	12.76	0	ANNUAL	AREA	5
610441.43	4205840.03	16089.37042	12.67	12.67	0	ANNUAL	AREA	5
610448.43	4205840.03	16539.01904	12.57	12.57	0	ANNUAL	AREA	5
610455.43	4205840.03	16991.39622	12.48	12.48	0	ANNUAL	AREA	5
610462.43	4205840.03	17446.20893	12.38	12.38	0	ANNUAL	AREA	5
610469.43	4205840.03	17901.45979	12.28	12.28	0	ANNUAL	AREA	5
610476.43	4205840.03	18354.61358	12.19	12.19	0	ANNUAL	AREA	5
610483.43	4205840.03	18805.02189	12.09	12.09	0	ANNUAL	AREA	5
610490.43	4205840.03	19249.12655	12	12	0	ANNUAL	AREA	5
610504.43	4205840.03	20101.62972	11.96	11.96	0	ANNUAL	AREA	5
610511.43	4205840.03	20508.52263	11.95	11.95	0	ANNUAL	AREA	5
610518.43	4205840.03	20899.91254	11.93	11.93	0	ANNUAL	AREA	5
610525.43	4205840.03	21271.87152	11.91	11.91	0	ANNUAL	AREA	5
610532.43	4205840.03	21621.40381	11.89	11.89	0	ANNUAL	AREA	5
610539.43	4205840.03	21944.64968	11.88	11.88	0	ANNUAL	AREA	5
610546.43	4205840.03	22239.61994	11.86	11.86	0	ANNUAL	AREA	5
610553.43	4205840.03	22502.47458	11.84	11.84	0	ANNUAL	AREA	5
610560.43	4205840.03	22729.25732	11.83	11.83	0	ANNUAL	AREA	5
610567.43	4205840.03	22921.98562	11.76	11.76	0	ANNUAL	AREA	5
610574.43	4205840.03	23075.05275	11.67	11.67	0	ANNUAL	AREA	5
610581.43	4205840.03	23184.04605	11.58	11.58	0	ANNUAL	AREA	5
610588.43	4205840.03	23247.36537	11.48	11.48	0	ANNUAL	AREA	5
610595.43	4205840.03	23261.20049	11.39	11.39	0	ANNUAL	AREA	5
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610609.43	4205840.03	23136.33108	11.2	11.2	0	ANNUAL	AREA	5
610616.43	4205840.03	22994.92563	11.1	11.1	0	ANNUAL	AREA	5
610623.43	4205840.03	22798.90383	11.01	11.01	0	ANNUAL	AREA	5
610630.43	4205840.03	22549.53422	10.91	10.91	0	ANNUAL	AREA	5
610637.43	4205840.03	22245.60893	10.82	10.82	0	ANNUAL	AREA	5
610644.43	4205840.03	21888.23665	10.74	10.74	0	ANNUAL	AREA	5
610651.43	4205840.03	21479.53178	10.66	10.66	0	ANNUAL	AREA	5
610658.43	4205840.03	21021.56506	10.58	10.58	0	ANNUAL	AREA	5
610665.43	4205840.03	20516.34259	10.51	10.51	0	ANNUAL	AREA	5
610672.43	4205840.03	19969.06381	10.43	10.43	0	ANNUAL	AREA	5
610721.43	4205840.03	15271.88066	9.84	9.84	0	ANNUAL	AREA	5
610728.43	4205840.03	14532.43599	9.75	9.75	0	ANNUAL	AREA	5
610735.43	4205840.03	13792.62223	9.65	9.65	0	ANNUAL	AREA	5
610742.43	4205840.03	13056.96889	9.55	9.55	0	ANNUAL	AREA	5
610749.43	4205840.03	12330.29793	9.46	9.46	0	ANNUAL	AREA	5
610756.43	4205840.03	11617.02823	9.36	9.36	0	ANNUAL	AREA	5
610763.43	4205840.03	10921.35246	9.27	9.27	0	ANNUAL	AREA	5
610770.43	4205840.03	10246.94144	9.17	9.17	0	ANNUAL	AREA	5
610777.43	4205840.03	9596.81139	9.08	9.08	0	ANNUAL	AREA	5
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610791.43	4205840.03	8380.08792	9	9	0	ANNUAL	AREA	5
610798.43	4205840.03	7817.11469	9	9	0	ANNUAL	AREA	5
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610833.43	4205840.03	5484.49417	9	9	0	ANNUAL	AREA	5
610840.43	4205840.03	5113.00802	9	9	0	ANNUAL	AREA	5
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610854.43	4205840.03	4457.07647	9	9	0	ANNUAL	AREA	5
610861.43	4205840.03	4169.58099	9	9	0	ANNUAL	AREA	5
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610910.43	4205840.03	2754.15129	9	9	0	ANNUAL	AREA	5
610917.43	4205840.03	2617.48156	9	9	0	ANNUAL	AREA	5
610924.43	4205840.03	2492.90316	9	9	0	ANNUAL	AREA	5
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610938.43	4205840.03	2275.21179	9	9	0	ANNUAL	AREA	5
610945.43	4205840.03	2180.0523	9	9	0	ANNUAL	AREA	5
610952.43	4205840.03	2092.79106	9	9	0	ANNUAL	AREA	5
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610973.43	4205840.03	1870.75599	9	9	0	ANNUAL	AREA	5
610980.43	4205840.03	1807.81881	9	9	0	ANNUAL	AREA	5
610987.43	4205840.03	1749.51269	9	9	0	ANNUAL	AREA	5
610994.43	4205840.03	1695.33261	9	9	0	ANNUAL	AREA	5
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611022.43	4205840.03	1512.68008	9	9	0	ANNUAL	AREA	5
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611036.43	4205840.03	1437.51738	9	9	0	ANNUAL	AREA	5
611043.43	4205840.03	1403.11135	9	9	0	ANNUAL	AREA	5
611050.43	4205840.03	1370.56917	9	9	0	ANNUAL	AREA	5
611057.43	4205840.03	1339.73486	9	9	0	ANNUAL	AREA	5
611064.43	4205840.03	1310.48048	9	9	0	ANNUAL	AREA	5
611071.43	4205840.03	1282.64624	9	9	0	ANNUAL	AREA	5
610294.43	4205847.03	8598.9341	14.47	14.47	0	ANNUAL	AREA	5
610301.43	4205847.03	8869.62264	14.41	14.41	0	ANNUAL	AREA	5
610308.43	4205847.03	9150.06491	14.34	14.34	0	ANNUAL	AREA	5
610315.43	4205847.03	9440.17656	14.27	14.27	0	ANNUAL	AREA	5
610322.43	4205847.03	9739.74194	14.21	14.21	0	ANNUAL	AREA	5
610329.43	4205847.03	10049.81045	14.14	14.14	0	ANNUAL	AREA	5
610336.43	4205847.03	10370.13678	14.07	14.07	0	ANNUAL	AREA	5
610343.43	4205847.03	10700.9186	14	14	0	ANNUAL	AREA	5
610350.43	4205847.03	11043.33477	13.91	13.91	0	ANNUAL	AREA	5
610357.43	4205847.03	11396.86243	13.81	13.81	0	ANNUAL	AREA	5
610364.43	4205847.03	11760.98833	13.72	13.72	0	ANNUAL	AREA	5
610371.43	4205847.03	12136.47021	13.62	13.62	0	ANNUAL	AREA	5
610378.43	4205847.03	12522.51182	13.53	13.53	0	ANNUAL	AREA	5
610385.43	4205847.03	12919.94435	13.43	13.43	0	ANNUAL	AREA	5
610392.43	4205847.03	13327.73147	13.34	13.34	0	ANNUAL	AREA	5
610399.43	4205847.03	13746.7156	13.24	13.24	0	ANNUAL	AREA	5
610406.43	4205847.03	14176.10547	13.14	13.14	0	ANNUAL	AREA	5
610413.43	4205847.03	14615.01238	13.05	13.05	0	ANNUAL	AREA	5
610420.43	4205847.03	15063.93595	12.95	12.95	0	ANNUAL	AREA	5
610427.43	4205847.03	15521.34354	12.86	12.86	0	ANNUAL	AREA	5
610434.43	4205847.03	15987.54246	12.76	12.76	0	ANNUAL	AREA	5
610441.43	4205847.03	16460.60804	12.67	12.67	0	ANNUAL	AREA	5
610448.43	4205847.03	16940.53983	12.57	12.57	0	ANNUAL	AREA	5
610455.43	4205847.03	17425.67499	12.47	12.47	0	ANNUAL	AREA	5
610462.43	4205847.03	17913.99479	12.38	12.38	0	ANNUAL	AREA	5
610469.43	4205847.03	18405.00741	12.28	12.28	0	ANNUAL	AREA	5

610476.43	4205847.03	18895.68838	12.19	12.19	0	ANNUAL	AREA	5
610483.43	4205847.03	19385.4185	12.09	12.09	0	ANNUAL	AREA	5
610490.43	4205847.03	19870.40081	12	12	0	ANNUAL	AREA	5
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610511.43	4205847.03	21261.85359	11.92	11.92	0	ANNUAL	AREA	5
610518.43	4205847.03	21698.43437	11.9	11.9	0	ANNUAL	AREA	5
610525.43	4205847.03	22116.90705	11.87	11.87	0	ANNUAL	AREA	5
610532.43	4205847.03	22512.3684	11.85	11.85	0	ANNUAL	AREA	5
610539.43	4205847.03	22882.52071	11.82	11.82	0	ANNUAL	AREA	5
610546.43	4205847.03	23222.40008	11.8	11.8	0	ANNUAL	AREA	5
610553.43	4205847.03	23528.87974	11.78	11.78	0	ANNUAL	AREA	5
610560.43	4205847.03	23798.94622	11.75	11.75	0	ANNUAL	AREA	5
610567.43	4205847.03	24030.73172	11.69	11.69	0	ANNUAL	AREA	5
610574.43	4205847.03	24221.55576	11.59	11.59	0	ANNUAL	AREA	5
610581.43	4205847.03	24364.1675	11.5	11.5	0	ANNUAL	AREA	5
610588.43	4205847.03	24457.16004	11.4	11.4	0	ANNUAL	AREA	5
610595.43	4205847.03	24496.01907	11.31	11.31	0	ANNUAL	AREA	5
610602.43	4205847.03	24480.45849	11.21	11.21	0	ANNUAL	AREA	5
610609.43	4205847.03	24406.56716	11.12	11.12	0	ANNUAL	AREA	5
610616.43	4205847.03	24273.87357	11.03	11.03	0	ANNUAL	AREA	5
610623.43	4205847.03	24082.16012	10.93	10.93	0	ANNUAL	AREA	5
610630.43	4205847.03	23829.41939	10.84	10.84	0	ANNUAL	AREA	5
610637.43	4205847.03	23517.49231	10.74	10.74	0	ANNUAL	AREA	5
610644.43	4205847.03	23144.20461	10.67	10.67	0	ANNUAL	AREA	5
610651.43	4205847.03	22713.5882	10.6	10.6	0	ANNUAL	AREA	5
610658.43	4205847.03	22227.64499	10.53	10.53	0	ANNUAL	AREA	5
610665.43	4205847.03	21689.65479	10.46	10.46	0	ANNUAL	AREA	5
610672.43	4205847.03	21103.6673	10.39	10.39	0	ANNUAL	AREA	5
610679.43	4205847.03	20474.71582	10.31	10.31	0	ANNUAL	AREA	5
610714.43	4205847.03	16812.74931	9.94	9.94	0	ANNUAL	AREA	5
610721.43	4205847.03	16041.44302	9.84	9.84	0	ANNUAL	AREA	5
610728.43	4205847.03	15244.62233	9.74	9.74	0	ANNUAL	AREA	5
610735.43	4205847.03	14448.02966	9.65	9.65	0	ANNUAL	AREA	5
610742.43	4205847.03	13656.86333	9.55	9.55	0	ANNUAL	AREA	5
610749.43	4205847.03	12876.21664	9.46	9.46	0	ANNUAL	AREA	5
610756.43	4205847.03	12111.30587	9.36	9.36	0	ANNUAL	AREA	5
610763.43	4205847.03	11366.71757	9.27	9.27	0	ANNUAL	AREA	5
610770.43	4205847.03	10646.20351	9.17	9.17	0	ANNUAL	AREA	5
610777.43	4205847.03	9953.14623	9.07	9.07	0	ANNUAL	AREA	5
610784.43	4205847.03	9290.6179	9	9	0	ANNUAL	AREA	5
610791.43	4205847.03	8660.951	9	9	0	ANNUAL	AREA	5
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610805.43	4205847.03	7505.08113	9	9	0	ANNUAL	AREA	5
610812.43	4205847.03	6980.46278	9	9	0	ANNUAL	AREA	5
610819.43	4205847.03	6491.59589	9	9	0	ANNUAL	AREA	5
610826.43	4205847.03	6038.01907	9	9	0	ANNUAL	AREA	5
610833.43	4205847.03	5618.86286	9	9	0	ANNUAL	AREA	5
610840.43	4205847.03	5232.99825	9	9	0	ANNUAL	AREA	5
610847.43	4205847.03	4878.84251	9	9	0	ANNUAL	AREA	5
610854.43	4205847.03	4554.73936	9	9	0	ANNUAL	AREA	5
610861.43	4205847.03	4258.79278	9	9	0	ANNUAL	AREA	5
610868.43	4205847.03	3989.03799	9	9	0	ANNUAL	AREA	5
610875.43	4205847.03	3743.55235	9	9	0	ANNUAL	AREA	5
610882.43	4205847.03	3520.39427	9	9	0	ANNUAL	AREA	5
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610910.43	4205847.03	2813.68473	9	9	0	ANNUAL	AREA	5
610917.43	4205847.03	2675.20547	9	9	0	ANNUAL	AREA	5
610924.43	4205847.03	2549.02183	9	9	0	ANNUAL	AREA	5
610931.43	4205847.03	2433.95466	9	9	0	ANNUAL	AREA	5
610938.43	4205847.03	2328.82302	9	9	0	ANNUAL	AREA	5
610945.43	4205847.03	2232.59733	9	9	0	ANNUAL	AREA	5
610952.43	4205847.03	2144.38099	9	9	0	ANNUAL	AREA	5
610959.43	4205847.03	2063.32306	9	9	0	ANNUAL	AREA	5
610966.43	4205847.03	1988.69771	9	9	0	ANNUAL	AREA	5
610973.43	4205847.03	1919.85431	9	9	0	ANNUAL	AREA	5
610980.43	4205847.03	1856.1783	9	9	0	ANNUAL	AREA	5
610987.43	4205847.03	1797.16774	9	9	0	ANNUAL	AREA	5
610994.43	4205847.03	1742.34258	9	9	0	ANNUAL	AREA	5
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611008.43	4205847.03	1643.56207	9	9	0	ANNUAL	AREA	5
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611022.43	4205847.03	1557.06935	9	9	0	ANNUAL	AREA	5
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611043.43	4205847.03	1445.60409	9	9	0	ANNUAL	AREA	5
611050.43	4205847.03	1412.45412	9	9	0	ANNUAL	AREA	5
611057.43	4205847.03	1381.03551	9	9	0	ANNUAL	AREA	5
611064.43	4205847.03	1351.17918	9	9	0	ANNUAL	AREA	5
610294.43	4205854.03	8643.40712	14.42	14.42	0	ANNUAL	AREA	5
610301.43	4205854.03	8920.38901	14.36	14.36	0	ANNUAL	AREA	5
610308.43	4205854.03	9207.19293	14.3	14.3	0	ANNUAL	AREA	5
610315.43	4205854.03	9504.29848	14.24	14.24	0	ANNUAL	AREA	5
610322.43	4205854.03	9811.86083	14.18	14.18	0	ANNUAL	AREA	5
610329.43	4205854.03	10130.24287	14.12	14.12	0	ANNUAL	AREA	5
610336.43	4205854.03	10459.63715	14.06	14.06	0	ANNUAL	AREA	5
610343.43	4205854.03	10800.28891	14	14	0	ANNUAL	AREA	5
610350.43	4205854.03	11153.70627	13.91	13.91	0	ANNUAL	AREA	5
610357.43	4205854.03	11519.51742	13.81	13.81	0	ANNUAL	AREA	5
610364.43	4205854.03	11896.6666	13.72	13.72	0	ANNUAL	AREA	5
610371.43	4205854.03	12286.44337	13.62	13.62	0	ANNUAL	AREA	5
610378.43	4205854.03	12687.81423	13.53	13.53	0	ANNUAL	AREA	5
610385.43	4205854.03	13101.95269	13.43	13.43	0	ANNUAL	AREA	5
610392.43	4205854.03	13528.23379	13.33	13.33	0	ANNUAL	AREA	5
610399.43	4205854.03	13966.07839	13.24	13.24	0	ANNUAL	AREA	5
610406.43	4205854.03	14416.39333	13.14	13.14	0	ANNUAL	AREA	5
610413.43	4205854.03	14877.71493	13.05	13.05	0	ANNUAL	AREA	5
610420.43	4205854.03	15350.9208	12.95	12.95	0	ANNUAL	AREA	5
610427.43	4205854.03	15834.23404	12.86	12.86	0	ANNUAL	AREA	5
610434.43	4205854.03	16328.24292	12.76	12.76	0	ANNUAL	AREA	5
610441.43	4205854.03	16831.55357	12.66	12.66	0	ANNUAL	AREA	5
610448.43	4205854.03	17342.60351	12.57	12.57	0	ANNUAL	AREA	5
610455.43	4205854.03	17861.50555	12.47	12.47	0	ANNUAL	AREA	5
610462.43	4205854.03	18385.49708	12.38	12.38	0	ANNUAL	AREA	5
610469.43	4205854.03	18914.44551	12.28	12.28	0	ANNUAL	AREA	5
610476.43	4205854.03	19445.12737	12.19	12.19	0	ANNUAL	AREA	5
610483.43	4205854.03	19976.74407	12.09	12.09	0	ANNUAL	AREA	5
610490.43	4205854.03	20505.66006	12	12	0	ANNUAL	AREA	5
610504.43	4205854.03	21538.51604	11.93	11.93	0	ANNUAL	AREA	5
610511.43	4205854.03	22039.83955	11.9	11.9	0	ANNUAL	AREA	5
610518.43	4205854.03	22526.952	11.87	11.87	0	ANNUAL	AREA	5
610525.43	4205854.03	22996.19788	11.84	11.84	0	ANNUAL	AREA	5
610532.43	4205854.03	23444.18413	11.8	11.8	0	ANNUAL	AREA	5
610560.43	4205854.03	24931.672	11.68	11.68	0	ANNUAL	AREA	5
610567.43	4205854.03	25210.0232	11.61	11.61	0	ANNUAL	AREA	5
610595.43	4205854.03	25823.35202	11.23	11.23	0	ANNUAL	AREA	5
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610609.43	4205854.03	25778.15116	11.04	11.04	0	ANNUAL	AREA	5
610616.43	4205854.03	25658.2338	10.95	10.95	0	ANNUAL	AREA	5
610623.43	4205854.03	25472.70452	10.85	10.85	0	ANNUAL	AREA	5
610630.43	4205854.03	25219.30021	10.76	10.76	0	ANNUAL	AREA	5
610637.43	4205854.03	24898.79871	10.67	10.67	0	ANNUAL	AREA	5
610644.43	4205854.03	24510.52632	10.6	10.6	0	ANNUAL	AREA	5
610651.43	4205854.03	24056.8734	10.54	10.54	0	ANNUAL	AREA	5
610658.43	4205854.03	23541.24809	10.48	10.48	0	ANNUAL	AREA	5
610665.43	4205854.03	22968.19245	10.41	10.41	0	ANNUAL	AREA	5
610672.43	4205854.03	22339.83261	10.35	10.35	0	ANNUAL	AREA	5
610679.43	4205854.03	21663.37729	10.28	10.28	0	ANNUAL	AREA	5
610721.43	4205854.03	16874.25182	9.84	9.84	0	ANNUAL	AREA	5
610728.43	4205854.03	16013.8864	9.74	9.74	0	ANNUAL	AREA	5
610735.43	4205854.03	15154.51932	9.65	9.65	0	ANNUAL	AREA	5
610742.43	4205854.03	14302.0046	9.55	9.55	0	ANNUAL	AREA	5
610749.43	4205854.03	13461.95471	9.46	9.46	0	ANNUAL	AREA	5
610756.43	4205854.03	12640.23961	9.36	9.36	0	ANNUAL	AREA	5
610763.43	4205854.03	11841.79355	9.26	9.26	0	ANNUAL	AREA	5
610770.43	4205854.03	11070.92087	9.17	9.17	0	ANNUAL	AREA	5
610777.43	4205854.03	10331.14168	9.07	9.07	0	ANNUAL	AREA	5
610784.43	4205854.03	9625.66211	9	9	0	ANNUAL	AREA	5
610791.43	4205854.03	8957.05595	9	9	0	ANNUAL	AREA	5
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610812.43	4205854.03	7182.84979	9	9	0	ANNUAL	AREA	5
610819.43	4205854.03	6670.07254	9	9	0	ANNUAL	AREA	5
610826.43	4205854.03	6195.85506	9	9	0	ANNUAL	AREA	5
610833.43	4205854.03	5759.12304	9	9	0	ANNUAL	AREA	5
610840.43	4205854.03	5358.34535	9	9	0	ANNUAL	AREA	5
610847.43	4205854.03	4991.66378	9	9	0	ANNUAL	AREA	5
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610861.43	4205854.03	4352.56003	9	9	0	ANNUAL	AREA	5
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610924.43	4205854.03	2609.50185	9	9	0	ANNUAL	AREA	5
610931.43	4205854.03	2493.05654	9	9	0	ANNUAL	AREA	5
610938.43	4205854.03	2386.67931	9	9	0	ANNUAL	AREA	5
610945.43	4205854.03	2289.38394	9	9	0	ANNUAL	AREA	5
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610966.43	4205854.03	2042.72488	9	9	0	ANNUAL	AREA	5
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610980.43	4205854.03	1908.5874	9	9	0	ANNUAL	AREA	5
610987.43	4205854.03	1848.80073	9	9	0	ANNUAL	AREA	5
610994.43	4205854.03	1793.20169	9	9	0	ANNUAL	AREA	5
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611008.43	4205854.03	1692.9663	9	9	0	ANNUAL	AREA	5
611015.43	4205854.03	1647.6441	9	9	0	ANNUAL	AREA	5
611022.43	4205854.03	1605.06305	9	9	0	ANNUAL	AREA	5
611029.43	4205854.03	1565.03498	9	9	0	ANNUAL	AREA	5
611036.43	4205854.03	1527.26907	9	9	0	ANNUAL	AREA	5
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611078.43	4205854.03	1338.35649	9	9	0	ANNUAL	AREA	5
611085.43	4205854.03	1311.83708	9	9	0	ANNUAL	AREA	5
610294.43	4205861.03	8683.22124	14.37	14.37	0	ANNUAL	AREA	5
610301.43	4205861.03	8965.72159	14.32	14.32	0	ANNUAL	AREA	5
610308.43	4205861.03	9258.85704	14.27	14.27	0	ANNUAL	AREA	5
610315.43	4205861.03	9563.06597	14.21	14.21	0	ANNUAL	AREA	5
610322.43	4205861.03	9878.07557	14.16	14.16	0	ANNUAL	AREA	5
610329.43	4205861.03	10204.56651	14.11	14.11	0	ANNUAL	AREA	5
610336.43	4205861.03	10543.21746	14.05	14.05	0	ANNUAL	AREA	5
610343.43	4205861.03	10893.55056	14	14	0	ANNUAL	AREA	5
610350.43	4205861.03	11258.08301	13.91	13.91	0	ANNUAL	AREA	5
610357.43	4205861.03	11635.80482	13.81	13.81	0	ANNUAL	AREA	5
610364.43	4205861.03	12026.04863	13.72	13.72	0	ANNUAL	AREA	5
610371.43	4205861.03	12430.0091	13.62	13.62	0	ANNUAL	AREA	5
610378.43	4205861.03	12847.34061	13.52	13.52	0	ANNUAL	AREA	5
610385.43	4205861.03	13277.66292	13.43	13.43	0	ANNUAL	AREA	5
610392.43	4205861.03	13722.08602	13.33	13.33	0	ANNUAL	AREA	5
610399.43	4205861.03	14179.52485	13.24	13.24	0	ANNUAL	AREA	5
610406.43	4205861.03	14651.05093	13.14	13.14	0	ANNUAL	AREA	5
610413.43	4205861.03	15135.26548	13.05	13.05	0	ANNUAL	AREA	5
610420.43	4205861.03	15633.20677	12.95	12.95	0	ANNUAL	AREA	5
610427.43	4205861.03	16143.76686	12.85	12.85	0	ANNUAL	AREA	5
610434.43	4205861.03	16665.79816	12.76	12.76	0	ANNUAL	AREA	5
610441.43	4205861.03	17199.91924	12.66	12.66	0	ANNUAL	AREA	5

610448.43	4205861.03	17743.82885	12.57	12.57	0	ANNUAL	AREA	5
610455.43	4205861.03	18297.90655	12.47	12.47	0	ANNUAL	AREA	5
610462.43	4205861.03	18859.4653	12.38	12.38	0	ANNUAL	AREA	5
610469.43	4205861.03	19428.40749	12.28	12.28	0	ANNUAL	AREA	5
610476.43	4205861.03	20002.01014	12.18	12.18	0	ANNUAL	AREA	5
610483.43	4205861.03	20577.70425	12.09	12.09	0	ANNUAL	AREA	5
610490.43	4205861.03	21153.66666	12	12	0	ANNUAL	AREA	5
610504.43	4205861.03	22287.49954	11.92	11.92	0	ANNUAL	AREA	5
610511.43	4205861.03	22842.67282	11.88	11.88	0	ANNUAL	AREA	5
610518.43	4205861.03	23385.29389	11.84	11.84	0	ANNUAL	AREA	5
610525.43	4205861.03	23911.21208	11.8	11.8	0	ANNUAL	AREA	5
610532.43	4205861.03	24416.16903	11.76	11.76	0	ANNUAL	AREA	5
610595.43	4205861.03	27250.62122	11.16	11.16	0	ANNUAL	AREA	5
610602.43	4205861.03	27290.72463	11.06	11.06	0	ANNUAL	AREA	5
610609.43	4205861.03	27260.22008	10.97	10.97	0	ANNUAL	AREA	5
610616.43	4205861.03	27158.23329	10.87	10.87	0	ANNUAL	AREA	5
610623.43	4205861.03	26981.51663	10.78	10.78	0	ANNUAL	AREA	5
610630.43	4205861.03	26730.6777	10.68	10.68	0	ANNUAL	AREA	5
610637.43	4205861.03	26403.80839	10.59	10.59	0	ANNUAL	AREA	5
610644.43	4205861.03	25999.10559	10.54	10.54	0	ANNUAL	AREA	5
610651.43	4205861.03	25522.87079	10.48	10.48	0	ANNUAL	AREA	5
610658.43	4205861.03	24976.7077	10.42	10.42	0	ANNUAL	AREA	5
610665.43	4205861.03	24363.55736	10.37	10.37	0	ANNUAL	AREA	5
610672.43	4205861.03	23690.37836	10.31	10.31	0	ANNUAL	AREA	5
610980.43	4205861.03	1965.50625	9	9	0	ANNUAL	AREA	5
610987.43	4205861.03	1904.8742	9	9	0	ANNUAL	AREA	5
610994.43	4205861.03	1848.45985	9	9	0	ANNUAL	AREA	5
611001.43	4205861.03	1795.83605	9	9	0	ANNUAL	AREA	5
611008.43	4205861.03	1746.64446	9	9	0	ANNUAL	AREA	5
611015.43	4205861.03	1700.53568	9	9	0	ANNUAL	AREA	5
611022.43	4205861.03	1657.20859	9	9	0	ANNUAL	AREA	5
611071.43	4205861.03	1413.06922	9	9	0	ANNUAL	AREA	5
611078.43	4205861.03	1384.62645	9	9	0	ANNUAL	AREA	5
611085.43	4205861.03	1357.40514	9	9	0	ANNUAL	AREA	5
611092.43	4205861.03	1331.32694	9	9	0	ANNUAL	AREA	5
610294.43	4205868.03	8718.04023	14.32	14.32	0	ANNUAL	AREA	5
610301.43	4205868.03	9006.46382	14.27	14.27	0	ANNUAL	AREA	5
610308.43	4205868.03	9305.44261	14.23	14.23	0	ANNUAL	AREA	5
610315.43	4205868.03	9616.31316	14.18	14.18	0	ANNUAL	AREA	5
610322.43	4205868.03	9938.52919	14.14	14.14	0	ANNUAL	AREA	5
610329.43	4205868.03	10273.2933	14.09	14.09	0	ANNUAL	AREA	5
610336.43	4205868.03	10620.19754	14.05	14.05	0	ANNUAL	AREA	5
610343.43	4205868.03	10980.3786	14	14	0	ANNUAL	AREA	5
610350.43	4205868.03	11355.81121	13.91	13.91	0	ANNUAL	AREA	5
610357.43	4205868.03	11745.40192	13.81	13.81	0	ANNUAL	AREA	5
610364.43	4205868.03	12149.13674	13.71	13.71	0	ANNUAL	AREA	5
610371.43	4205868.03	12566.63557	13.62	13.62	0	ANNUAL	AREA	5
610378.43	4205868.03	12999.37761	13.52	13.52	0	ANNUAL	AREA	5
610385.43	4205868.03	13446.37737	13.43	13.43	0	ANNUAL	AREA	5
610392.43	4205868.03	13909.04209	13.33	13.33	0	ANNUAL	AREA	5
610399.43	4205868.03	14386.19763	13.24	13.24	0	ANNUAL	AREA	5
610406.43	4205868.03	14879.17324	13.14	13.14	0	ANNUAL	AREA	5
610413.43	4205868.03	15387.28953	13.04	13.04	0	ANNUAL	AREA	5
610420.43	4205868.03	15909.69983	12.95	12.95	0	ANNUAL	AREA	5
610427.43	4205868.03	16447.54432	12.85	12.85	0	ANNUAL	AREA	5
610434.43	4205868.03	16998.95731	12.76	12.76	0	ANNUAL	AREA	5
610441.43	4205868.03	17564.69549	12.66	12.66	0	ANNUAL	AREA	5
610448.43	4205868.03	18142.79336	12.57	12.57	0	ANNUAL	AREA	5
610455.43	4205868.03	18733.49404	12.47	12.47	0	ANNUAL	AREA	5
610462.43	4205868.03	19335.06169	12.37	12.37	0	ANNUAL	AREA	5
610469.43	4205868.03	19945.08422	12.28	12.28	0	ANNUAL	AREA	5
610476.43	4205868.03	20563.56121	12.18	12.18	0	ANNUAL	AREA	5
610483.43	4205868.03	21186.68059	12.09	12.09	0	ANNUAL	AREA	5
610490.43	4205868.03	21812.90331	12	12	0	ANNUAL	AREA	5
610504.43	4205868.03	23056.46168	11.9	11.9	0	ANNUAL	AREA	5
610511.43	4205868.03	23669.5025	11.86	11.86	0	ANNUAL	AREA	5
610518.43	4205868.03	24272.72668	11.81	11.81	0	ANNUAL	AREA	5
610525.43	4205868.03	24861.24497	11.76	11.76	0	ANNUAL	AREA	5
610532.43	4205868.03	25429.2976	11.72	11.72	0	ANNUAL	AREA	5
610595.43	4205868.03	28788.74001	11.08	11.08	0	ANNUAL	AREA	5
610602.43	4205868.03	28866.36606	10.98	10.98	0	ANNUAL	AREA	5
610609.43	4205868.03	28866.10791	10.89	10.89	0	ANNUAL	AREA	5
610616.43	4205868.03	28786.5356	10.79	10.79	0	ANNUAL	AREA	5
610623.43	4205868.03	28623.68	10.7	10.7	0	ANNUAL	AREA	5
610630.43	4205868.03	28376.67558	10.61	10.61	0	ANNUAL	AREA	5
610637.43	4205868.03	28045.50035	10.52	10.52	0	ANNUAL	AREA	5
610644.43	4205868.03	27626.96795	10.47	10.47	0	ANNUAL	AREA	5
610651.43	4205868.03	27126.51109	10.42	10.42	0	ANNUAL	AREA	5
610658.43	4205868.03	26546.96879	10.37	10.37	0	ANNUAL	AREA	5
610665.43	4205868.03	25892.92879	10.32	10.32	0	ANNUAL	AREA	5
610693.43	4205868.03	22653.2187	10.12	10.12	0	ANNUAL	AREA	5
610700.43	4205868.03	21723.51425	10.07	10.07	0	ANNUAL	AREA	5
610707.43	4205868.03	20755.67925	10.01	10.01	0	ANNUAL	AREA	5
611057.43	4205868.03	1526.67715	9	9	0	ANNUAL	AREA	5
611064.43	4205868.03	1494.65328	9	9	0	ANNUAL	AREA	5
611071.43	4205868.03	1464.07003	9	9	0	ANNUAL	AREA	5
611078.43	4205868.03	1434.84977	9	9	0	ANNUAL	AREA	5
611085.43	4205868.03	1406.8678	9	9	0	ANNUAL	AREA	5
611092.43	4205868.03	1380.02923	9	9	0	ANNUAL	AREA	5
610294.43	4205875.03	8747.81655	14.27	14.27	0	ANNUAL	AREA	5
610301.43	4205875.03	9041.44066	14.23	14.23	0	ANNUAL	AREA	5
610308.43	4205875.03	9346.62501	14.19	14.19	0	ANNUAL	AREA	5
610315.43	4205875.03	9663.76808	14.15	14.15	0	ANNUAL	AREA	5
610322.43	4205875.03	9992.9367	14.12	14.12	0	ANNUAL	AREA	5
610329.43	4205875.03	10335.37301	14.08	14.08	0	ANNUAL	AREA	5
610336.43	4205875.03	10691.0948	14.04	14.04	0	ANNUAL	AREA	5
610343.43	4205875.03	11060.55103	14	14	0	ANNUAL	AREA	5
610350.43	4205875.03	11447.05347	13.9	13.9	0	ANNUAL	AREA	5
610357.43	4205875.03	11847.90148	13.81	13.81	0	ANNUAL	AREA	5
610364.43	4205875.03	12264.35121	13.71	13.71	0	ANNUAL	AREA	5
610371.43	4205875.03	12695.8515	13.62	13.62	0	ANNUAL	AREA	5
610378.43	4205875.03	13143.80869	13.52	13.52	0	ANNUAL	AREA	5
610385.43	4205875.03	13607.47638	13.43	13.43	0	ANNUAL	AREA	5
610392.43	4205875.03	14088.25444	13.33	13.33	0	ANNUAL	AREA	5
610399.43	4205875.03	14585.87116	13.23	13.23	0	ANNUAL	AREA	5
610406.43	4205875.03	15099.81491	13.14	13.14	0	ANNUAL	AREA	5
610413.43	4205875.03	15631.39037	13.04	13.04	0	ANNUAL	AREA	5
610420.43	4205875.03	16179.36469	12.95	12.95	0	ANNUAL	AREA	5
610427.43	4205875.03	16744.84408	12.85	12.85	0	ANNUAL	AREA	5
610434.43	4205875.03	17326.29909	12.76	12.76	0	ANNUAL	AREA	5
610441.43	4205875.03	17924.68246	12.66	12.66	0	ANNUAL	AREA	5
610448.43	4205875.03	18538.57641	12.56	12.56	0	ANNUAL	AREA	5
610455.43	4205875.03	19166.56553	12.47	12.47	0	ANNUAL	AREA	5
610462.43	4205875.03	19808.91958	12.37	12.37	0	ANNUAL	AREA	5
610469.43	4205875.03	20462.96887	12.28	12.28	0	ANNUAL	AREA	5
610476.43	4205875.03	21128.45093	12.18	12.18	0	ANNUAL	AREA	5
610483.43	4205875.03	21801.79509	12.09	12.09	0	ANNUAL	AREA	5
610490.43	4205875.03	22482.38011	11.99	11.99	0	ANNUAL	AREA	5
610504.43	4205875.03	23842.18137	11.89	11.89	0	ANNUAL	AREA	5
610511.43	4205875.03	24519.50997	11.83	11.83	0	ANNUAL	AREA	5
610518.43	4205875.03	25188.33867	11.78	11.78	0	ANNUAL	AREA	5
610525.43	4205875.03	25845.72169	11.72	11.72	0	ANNUAL	AREA	5
610532.43	4205875.03	26484.6692	11.67	11.67	0	ANNUAL	AREA	5
610539.43	4205875.03	27100.52801	11.62	11.62	0	ANNUAL	AREA	5
610560.43	4205875.03	28748.44928	11.46	11.46	0	ANNUAL	AREA	5
610567.43	4205875.03	29211.4047	11.38	11.38	0	ANNUAL	AREA	5
610574.43	4205875.03	29619.70679	11.29	11.29	0	ANNUAL	AREA	5
610581.43	4205875.03	29966.54912	11.19	11.19	0	ANNUAL	AREA	5
610595.43	4205875.03	30447.26724	11	11	0	ANNUAL	AREA	5
610602.43	4205875.03	30569.75068	10.91	10.91	0	ANNUAL	AREA	5
610609.43	4205875.03	30607.96196	10.81	10.81	0	ANNUAL	AREA	5
610616.43	4205875.03	30556.24084	10.72	10.72	0	ANNUAL	AREA	5
610623.43	4205875.03	30413.37733	10.62	10.62	0	ANNUAL	AREA	5
610630.43	4205875.03	30175.46552	10.53	10.53	0	ANNUAL	AREA	5
610637.43	4205875.03	29842.75649	10.44	10.44	0	ANNUAL	AREA	5
610644.43	4205875.03	29410.56109	10.4	10.4	0	ANNUAL	AREA	5
610651.43	4205875.03	28885.66136	10.36	10.36	0	ANNUAL	AREA	5
610658.43	4205875.03	28270.93726	10.32	10.32	0	ANNUAL	AREA	5
610679.43	4205875.03	25945.56906	10.19	10.19	0	ANNUAL	AREA	5
610686.43	4205875.03	25035.15675	10.14	10.14	0	ANNUAL	AREA	5
610693.43	4205875.03	24069.47179	10.1	10.1	0	ANNUAL	AREA	5
610700.43	4205875.03	23055.71658	10.06	10.06	0	ANNUAL	AREA	5
610707.43	4205875.03	22003.45077	10.01	10.01	0	ANNUAL	AREA	5
610714.43	4205875.03	20926.39526	9.93	9.93	0	ANNUAL	AREA	5
610721.43	4205875.03	19834.55381	9.83	9.83	0	ANNUAL	AREA	5
610728.43	4205875.03	18737.67761	9.74	9.74	0	ANNUAL	AREA	5
610735.43	4205875.03	17645.03338	9.64	9.64	0	ANNUAL	AREA	5
610742.43	4205875.03	16565.09356	9.55	9.55	0	ANNUAL	AREA	5
610749.43	4205875.03	15505.56294	9.45	9.45	0	ANNUAL	AREA	5
610756.43	4205875.03	14474.80223	9.36	9.36	0	ANNUAL	AREA	5
610763.43	4205875.03	13479.41587	9.26	9.26	0	ANNUAL	AREA	5
610770.43	4205875.03	12525.12457	9.17	9.17	0	ANNUAL	AREA	5
610777.43	4205875.03	11616.47127	9.07	9.07	0	ANNUAL	AREA	5
610784.43	4205875.03	10757.31312	9	9	0	ANNUAL	AREA	5
610791.43	4205875.03	9950.66848	9	9	0	ANNUAL	AREA	5
610798.43	4205875.03	9197.2832	9	9	0	ANNUAL	AREA	5
610805.43	4205875.03	8497.7522	9	9	0	ANNUAL	AREA	5
610812.43	4205875.03	7851.99752	9	9	0	ANNUAL	AREA	5
610819.43	4205875.03	7258.67201	9	9	0	ANNUAL	AREA	5
610826.43	4205875.03	6715.98614	9	9	0	ANNUAL	AREA	5
610833.43	4205875.03	6221.64972	9	9	0	ANNUAL	AREA	5
610840.43	4205875.03	5772.8457	9	9	0	ANNUAL	AREA	5
610847.43	4205875.03	5366.47697	9	9	0	ANNUAL	AREA	5
610854.43	4205875.03	4999.31903	9	9	0	ANNUAL	AREA	5
610861.43	4205875.03	4668.11172	9	9	0	ANNUAL	AREA	5
610868.43	4205875.03	4369.54638	9	9	0	ANNUAL	AREA	5
611029.43	4205875.03	1733.32374	9	9	0	ANNUAL	AREA	5
611036.43	4205875.03	1693.01109	9	9	0	ANNUAL	AREA	5
611043.43	4205875.03	1654.81841	9	9	0	ANNUAL	AREA	5
611050.43	4205875.03	1618.52952	9	9	0	ANNUAL	AREA	5
611057.43	4205875.03	1583.98464	9	9	0	ANNUAL	AREA	5
611064.43	4205875.03	1551.05815	9	9	0	ANNUAL	AREA	5
611071.43	4205875.03	1519.59499	9	9	0	ANNUAL	AREA	5
611078.43	4205875.03	1489.49621	9	9	0	ANNUAL	AREA	5
611085.43	4205875.03	1460.64542	9	9	0	ANNUAL	AREA	5
611092.43	4205875.03	1432.9606	9	9	0	ANNUAL	AREA	5
610294.43	4205882.03	8772.54247	14.22	14.22	0	ANNUAL	AREA	5
610301.43	4205882.03	9071.06262	14.19	14.19	0	ANNUAL	AREA	5
610308.43	4205882.03	9381.69687	14.16	14.16	0	ANNUAL	AREA	5
610315.43	4205882.03	9704.9123	14.13	14.13	0	ANNUAL	AREA	5
610322.43	4205882.03	10041.56602	14.09	14.09	0	ANNUAL	AREA	5
610329.43	4205882.03	10391.38886	14.06	14.06	0	ANNUAL	AREA	5
610336.43	4205882.03	10755.22456	14.03	14.03	0	ANNUAL	AREA	5
610343.43	4205882.03	11133.60793	14	14	0	ANNUAL	AREA	5
610350.43	4205882.03	11530.58729	13.9	13.9	0	ANNUAL	AREA	5
610357.43	4205882.03	11942.77056	13.81	13.81	0	ANNUAL	AREA	5
610364.43	4205882.03	12371.76801	13.71	13.71	0	ANNUAL	AREA	5
610371.43	4205882.03	12817.04874	13.62	13.62	0	ANNUAL	AREA	5
610378.43	4205882.03	13280.05273	13.52	13.52	0	ANNUAL	AREA	5
610385.43	4205882.03	13760.85208	13.42	13.42	0	ANNUAL	AREA	5
610392.43	4205882.03	14259.07041	13.33	13.33	0	ANNUAL	AREA	5
610399.43	4205882.03	14776.50129	13.23	13.23	0	ANNUAL	AREA	5
610406.43	4205882.03	15311.97892	13.14	13.14	0	ANNUAL	AREA	5
610413.43	4205882.03	15867.19469	13.04	13.04	0	ANNUAL	AREA	5
610420.43	4205882.03	16440.89935	12.95	12.95	0	ANNUAL	AREA	5
610427.43	4205882.03	17034.52624	12.85	12.85	0	ANNUAL	AREA	5

610434.43	4205882.03	17647.20376	12.75	12.75	0	ANNUAL	AREA	S
610441.43	4205882.03	18278.09496	12.66	12.66	0	ANNUAL	AREA	S
610448.43	4205882.03	18928.16475	12.56	12.56	0	ANNUAL	AREA	S
610455.43	4205882.03	19595.23341	12.47	12.47	0	ANNUAL	AREA	S
610462.43	4205882.03	20280.02861	12.37	12.37	0	ANNUAL	AREA	S
610469.43	4205882.03	20979.78806	12.28	12.28	0	ANNUAL	AREA	S
610476.43	4205882.03	21694.57125	12.18	12.18	0	ANNUAL	AREA	S
610483.43	4205882.03	22420.97298	12.09	12.09	0	ANNUAL	AREA	S
610490.43	4205882.03	23158.23086	11.99	11.99	0	ANNUAL	AREA	S
610504.43	4205882.03	24644.32068	11.87	11.87	0	ANNUAL	AREA	S
610511.43	4205882.03	25389.59931	11.81	11.81	0	ANNUAL	AREA	S
610518.43	4205882.03	26130.76228	11.75	11.75	0	ANNUAL	AREA	S
610525.43	4205882.03	26862.67304	11.69	11.69	0	ANNUAL	AREA	S
610532.43	4205882.03	27580.04723	11.63	11.63	0	ANNUAL	AREA	S
610539.43	4205882.03	28276.52034	11.57	11.57	0	ANNUAL	AREA	S
610553.43	4205882.03	29579.64809	11.45	11.45	0	ANNUAL	AREA	S
610560.43	4205882.03	30171.51216	11.39	11.39	0	ANNUAL	AREA	S
610567.43	4205882.03	30716.13241	11.3	11.3	0	ANNUAL	AREA	S
610574.43	4205882.03	31202.54074	11.21	11.21	0	ANNUAL	AREA	S
610581.43	4205882.03	31624.00957	11.11	11.11	0	ANNUAL	AREA	S
610588.43	4205882.03	31970.87375	11.02	11.02	0	ANNUAL	AREA	S
610595.43	4205882.03	32237.47103	10.92	10.92	0	ANNUAL	AREA	S
610602.43	4205882.03	32415.49362	10.83	10.83	0	ANNUAL	AREA	S
610609.43	4205882.03	32500.341	10.73	10.73	0	ANNUAL	AREA	S
610616.43	4205882.03	32485.33127	10.64	10.64	0	ANNUAL	AREA	S
610623.43	4205882.03	32367.42607	10.55	10.55	0	ANNUAL	AREA	S
610630.43	4205882.03	32144.67754	10.45	10.45	0	ANNUAL	AREA	S
610637.43	4205882.03	31812.90846	10.37	10.37	0	ANNUAL	AREA	S
610644.43	4205882.03	31370.04141	10.33	10.33	0	ANNUAL	AREA	S
610651.43	4205882.03	30820.48171	10.3	10.3	0	ANNUAL	AREA	S
610672.43	4205882.03	28585.81624	10.19	10.19	0	ANNUAL	AREA	S
610679.43	4205882.03	27666.80245	10.16	10.16	0	ANNUAL	AREA	S
610686.43	4205882.03	26678.04923	10.12	10.12	0	ANNUAL	AREA	S
610693.43	4205882.03	25628.70919	10.08	10.08	0	ANNUAL	AREA	S
610700.43	4205882.03	24520.98609	10.05	10.05	0	ANNUAL	AREA	S
610707.43	4205882.03	23374.18566	10.01	10.01	0	ANNUAL	AREA	S
610714.43	4205882.03	22200.14067	9.93	9.93	0	ANNUAL	AREA	S
610721.43	4205882.03	21010.03015	9.83	9.83	0	ANNUAL	AREA	S
610728.43	4205882.03	19815.16273	9.74	9.74	0	ANNUAL	AREA	S
610735.43	4205882.03	18626.06337	9.64	9.64	0	ANNUAL	AREA	S
610742.43	4205882.03	17452.04987	9.55	9.55	0	ANNUAL	AREA	S
610749.43	4205882.03	16302.05605	9.45	9.45	0	ANNUAL	AREA	S
610756.43	4205882.03	15185.54105	9.36	9.36	0	ANNUAL	AREA	S
610763.43	4205882.03	14109.6234	9.26	9.26	0	ANNUAL	AREA	S
610770.43	4205882.03	13080.79552	9.16	9.16	0	ANNUAL	AREA	S
610777.43	4205882.03	12104.18507	9.07	9.07	0	ANNUAL	AREA	S
610784.43	4205882.03	11183.72764	9	9	0	ANNUAL	AREA	S
610791.43	4205882.03	10322.59788	9	9	0	ANNUAL	AREA	S
610798.43	4205882.03	9521.30502	9	9	0	ANNUAL	AREA	S
610805.43	4205882.03	8780.25884	9	9	0	ANNUAL	AREA	S
610812.43	4205882.03	8098.9439	9	9	0	ANNUAL	AREA	S
610819.43	4205882.03	7475.5407	9	9	0	ANNUAL	AREA	S
610826.43	4205882.03	6907.6914	9	9	0	ANNUAL	AREA	S
610833.43	4205882.03	6392.51937	9	9	0	ANNUAL	AREA	S
610840.43	4205882.03	5926.7037	9	9	0	ANNUAL	AREA	S
610847.43	4205882.03	5506.44489	9	9	0	ANNUAL	AREA	S
610854.43	4205882.03	5128.0758	9	9	0	ANNUAL	AREA	S
610861.43	4205882.03	4787.79432	9	9	0	ANNUAL	AREA	S
610868.43	4205882.03	4481.97001	9	9	0	ANNUAL	AREA	S
610875.43	4205882.03	4207.04999	9	9	0	ANNUAL	AREA	S
610882.43	4205882.03	3959.87792	9	9	0	ANNUAL	AREA	S
610889.43	4205882.03	3737.41538	9	9	0	ANNUAL	AREA	S
610910.43	4205882.03	3192.33873	9	9	0	ANNUAL	AREA	S
610917.43	4205882.03	3044.07834	9	9	0	ANNUAL	AREA	S
610924.43	4205882.03	2909.38521	9	9	0	ANNUAL	AREA	S
610931.43	4205882.03	2786.80602	9	9	0	ANNUAL	AREA	S
610938.43	4205882.03	2674.92134	9	9	0	ANNUAL	AREA	S
610945.43	4205882.03	2572.50159	9	9	0	ANNUAL	AREA	S
610952.43	4205882.03	2478.54511	9	9	0	ANNUAL	AREA	S
610959.43	4205882.03	2392.05239	9	9	0	ANNUAL	AREA	S
610966.43	4205882.03	2312.29018	9	9	0	ANNUAL	AREA	S
610973.43	4205882.03	2238.48096	9	9	0	ANNUAL	AREA	S
611001.43	4205882.03	1991.2086	9	9	0	ANNUAL	AREA	S
611008.43	4205882.03	1939.05411	9	9	0	ANNUAL	AREA	S
611015.43	4205882.03	1890.01201	9	9	0	ANNUAL	AREA	S
611022.43	4205882.03	1843.81634	9	9	0	ANNUAL	AREA	S
611029.43	4205882.03	1800.12591	9	9	0	ANNUAL	AREA	S
611036.43	4205882.03	1758.77679	9	9	0	ANNUAL	AREA	S
611043.43	4205882.03	1719.52928	9	9	0	ANNUAL	AREA	S
611050.43	4205882.03	1682.20366	9	9	0	ANNUAL	AREA	S
611057.43	4205882.03	1646.64439	9	9	0	ANNUAL	AREA	S
611064.43	4205882.03	1612.67216	9	9	0	ANNUAL	AREA	S
611071.43	4205882.03	1580.1813	9	9	0	ANNUAL	AREA	S
611078.43	4205882.03	1549.1122	9	9	0	ANNUAL	AREA	S
611085.43	4205882.03	1519.26694	9	9	0	ANNUAL	AREA	S
611092.43	4205882.03	1490.60536	9	9	0	ANNUAL	AREA	S
610294.43	4205889.03	8791.95259	14.17	14.17	0	ANNUAL	AREA	S
610301.43	4205889.03	9095.54957	14.14	14.14	0	ANNUAL	AREA	S
610308.43	4205889.03	9411.34391	14.12	14.12	0	ANNUAL	AREA	S
610315.43	4205889.03	9740.33395	14.1	14.1	0	ANNUAL	AREA	S
610322.43	4205889.03	10083.39644	14.07	14.07	0	ANNUAL	AREA	S
610329.43	4205889.03	10440.22239	14.05	14.05	0	ANNUAL	AREA	S
610336.43	4205889.03	10812.36894	14.02	14.02	0	ANNUAL	AREA	S
610343.43	4205889.03	11199.32326	14	14	0	ANNUAL	AREA	S
610350.43	4205889.03	11606.38125	13.9	13.9	0	ANNUAL	AREA	S
610357.43	4205889.03	12029.73055	13.81	13.81	0	ANNUAL	AREA	S
610364.43	4205889.03	12470.99529	13.71	13.71	0	ANNUAL	AREA	S
610371.43	4205889.03	12930.26011	13.61	13.61	0	ANNUAL	AREA	S
610378.43	4205889.03	13407.55963	13.52	13.52	0	ANNUAL	AREA	S
610385.43	4205889.03	13904.61619	13.42	13.42	0	ANNUAL	AREA	S
610392.43	4205889.03	14420.80607	13.33	13.33	0	ANNUAL	AREA	S
610399.43	4205889.03	14957.78683	13.23	13.23	0	ANNUAL	AREA	S
610406.43	4205889.03	15514.81637	13.14	13.14	0	ANNUAL	AREA	S
610413.43	4205889.03	16093.65828	13.04	13.04	0	ANNUAL	AREA	S
610420.43	4205889.03	16693.93357	12.94	12.94	0	ANNUAL	AREA	S
610427.43	4205889.03	17315.12298	12.85	12.85	0	ANNUAL	AREA	S
610434.43	4205889.03	17958.85256	12.75	12.75	0	ANNUAL	AREA	S
610441.43	4205889.03	18623.43066	12.66	12.66	0	ANNUAL	AREA	S
610448.43	4205889.03	19310.4931	12.56	12.56	0	ANNUAL	AREA	S
610455.43	4205889.03	20017.67354	12.47	12.47	0	ANNUAL	AREA	S
610462.43	4205889.03	20746.3162	12.37	12.37	0	ANNUAL	AREA	S
610469.43	4205889.03	21493.4152	12.28	12.28	0	ANNUAL	AREA	S
610476.43	4205889.03	22259.74573	12.18	12.18	0	ANNUAL	AREA	S
610483.43	4205889.03	23042.53967	12.08	12.08	0	ANNUAL	AREA	S
610490.43	4205889.03	23838.92061	11.99	11.99	0	ANNUAL	AREA	S
610504.43	4205889.03	25459.78938	11.85	11.85	0	ANNUAL	AREA	S
610511.43	4205889.03	26278.19477	11.79	11.79	0	ANNUAL	AREA	S
610518.43	4205889.03	27097.75762	11.72	11.72	0	ANNUAL	AREA	S
610525.43	4205889.03	27912.45578	11.65	11.65	0	ANNUAL	AREA	S
610532.43	4205889.03	28716.13443	11.58	11.58	0	ANNUAL	AREA	S
610539.43	4205889.03	29502.30967	11.51	11.51	0	ANNUAL	AREA	S
610553.43	4205889.03	30990.2958	11.38	11.38	0	ANNUAL	AREA	S
610560.43	4205889.03	31676.60484	11.31	11.31	0	ANNUAL	AREA	S
610567.43	4205889.03	32313.18908	11.23	11.23	0	ANNUAL	AREA	S
610574.43	4205889.03	32891.49715	11.13	11.13	0	ANNUAL	AREA	S
610581.43	4205889.03	33399.38436	11.04	11.04	0	ANNUAL	AREA	S
610588.43	4205889.03	33829.40316	10.94	10.94	0	ANNUAL	AREA	S
610595.43	4205889.03	34170.9073	10.85	10.85	0	ANNUAL	AREA	S
610602.43	4205889.03	34417.12166	10.75	10.75	0	ANNUAL	AREA	S
610609.43	4205889.03	34558.81213	10.66	10.66	0	ANNUAL	AREA	S
610616.43	4205889.03	34591.32364	10.56	10.56	0	ANNUAL	AREA	S
610623.43	4205889.03	34507.50217	10.47	10.47	0	ANNUAL	AREA	S
610630.43	4205889.03	34305.60694	10.37	10.37	0	ANNUAL	AREA	S
610637.43	4205889.03	33980.68651	10.29	10.29	0	ANNUAL	AREA	S
610644.43	4205889.03	33527.44288	10.27	10.27	0	ANNUAL	AREA	S
610665.43	4205889.03	31467.19726	10.18	10.18	0	ANNUAL	AREA	S
610672.43	4205889.03	30565.88713	10.15	10.15	0	ANNUAL	AREA	S
610679.43	4205889.03	29571.77896	10.12	10.12	0	ANNUAL	AREA	S
610686.43	4205889.03	28494.23498	10.1	10.1	0	ANNUAL	AREA	S
610693.43	4205889.03	27347.03878	10.07	10.07	0	ANNUAL	AREA	S
610700.43	4205889.03	26138.30836	10.04	10.04	0	ANNUAL	AREA	S
610707.43	4205889.03	24885.63586	10.01	10.01	0	ANNUAL	AREA	S
610714.43	4205889.03	23602.65602	9.93	9.93	0	ANNUAL	AREA	S
610721.43	4205889.03	22302.35409	9.83	9.83	0	ANNUAL	AREA	S
610728.43	4205889.03	20997.36054	9.74	9.74	0	ANNUAL	AREA	S
610735.43	4205889.03	19699.70399	9.64	9.64	0	ANNUAL	AREA	S
610742.43	4205889.03	18420.19408	9.55	9.55	0	ANNUAL	AREA	S
610749.43	4205889.03	17168.72347	9.45	9.45	0	ANNUAL	AREA	S
610756.43	4205889.03	15956.06761	9.35	9.35	0	ANNUAL	AREA	S
610763.43	4205889.03	14790.59646	9.26	9.26	0	ANNUAL	AREA	S
610770.43	4205889.03	13679.0091	9.16	9.16	0	ANNUAL	AREA	S
610777.43	4205889.03	12627.1033	9.07	9.07	0	ANNUAL	AREA	S
610784.43	4205889.03	11639.10969	9	9	0	ANNUAL	AREA	S
610791.43	4205889.03	10718.37049	9	9	0	ANNUAL	AREA	S
610798.43	4205889.03	9865.07872	9	9	0	ANNUAL	AREA	S
610805.43	4205889.03	9079.22344	9	9	0	ANNUAL	AREA	S
610812.43	4205889.03	8359.88509	9	9	0	ANNUAL	AREA	S
610819.43	4205889.03	7704.695	9	9	0	ANNUAL	AREA	S
610826.43	4205889.03	7110.48016	9	9	0	ANNUAL	AREA	S
610833.43	4205889.03	6573.76894	9	9	0	ANNUAL	AREA	S
610840.43	4205889.03	6090.39468	9	9	0	ANNUAL	AREA	S
610847.43	4205889.03	5656.02315	9	9	0	ANNUAL	AREA	S
610854.43	4205889.03	5266.24707	9	9	0	ANNUAL	AREA	S
610861.43	4205889.03	4916.8406	9	9	0	ANNUAL	AREA	S
610868.43	4205889.03	4603.64498	9	9	0	ANNUAL	AREA	S
610875.43	4205889.03	4322.78967	9	9	0	ANNUAL	AREA	S
610882.43	4205889.03	4070.74316	9	9	0	ANNUAL	AREA	S
610889.43	4205889.03	3844.23869	9	9	0	ANNUAL	AREA	S
610910.43	4205889.03	3290.53274	9	9	0	ANNUAL	AREA	S
610917.43	4205889.03	3140.12462	9	9	0	ANNUAL	AREA	S
610924.43	4205889.03	3003.48831	9	9	0	ANNUAL	AREA	S
610931.43	4205889.03	2879.11682	9	9	0	ANNUAL	AREA	S
610938.43	4205889.03	2765.56925	9	9	0	ANNUAL	AREA	S
610945.43	4205889.03	2661.63446	9	9	0	ANNUAL	AREA	S
610952.43	4205889.03	2566.20651	9	9	0	ANNUAL	AREA	S
610959.43	4205889.03	2478.35171	9	9	0	ANNUAL	AREA	S
610966.43	4205889.03	2397.1713	9	9	0	ANNUAL	AREA	S
610973.43	4205889.03	2322.0198	9	9	0	ANNUAL	AREA	S
611001.43	4205889.03	2069.58404	9	9	0	ANNUAL	AREA	S
611008.43	4205889.03	2016.16983	9	9	0	ANNUAL	AREA	S
611015.43	4205889.03	1965.89393	9	9	0	ANNUAL	AREA	S
611022.43	4205889.03	1918.42676	9	9	0	ANNUAL	AREA	S
611029.43	4205889.03	1873.53418	9	9	0	ANNUAL	AREA	S
611036.43	4205889.03	1830.94851	9	9	0	ANNUAL	AREA	S
611043.43	4205889.03	1790.4822	9	9	0	ANNUAL	AREA	S
611050.43	4205889.03	1751.96918	9	9	0	ANNUAL	AREA	S
611057.43	4205889.03	1715.2085	9	9	0	ANNUAL	AREA	S
611064.43	4205889.03	1680.09495	9	9	0	ANNUAL	AREA	S
611071.43	4205889.03	1646.44504	9	9	0	ANNUAL	AREA	S
611078.43	4205889.03	1614.22785	9	9	0	ANNUAL	AREA	S
611085.43	4205889.03	1583.37621	9	9	0	ANNUAL	AREA	S
611092.43	4205889.03	1553.49253	9	9	0	ANNUAL	AREA	S
610294.43	4205896.03	8805.99914	14.12	14.12	0	ANNUAL	AREA	S
610301.43	4205896.03	9114.03469	14.1	14.1	0	ANNUAL	AREA	S
610308.43	4205896.03	9435.16538	14.08	14.08	0	ANNUAL	AREA	S
610315.43	4205896.03	9769.51613	14.07	14.07	0	ANNUAL	AREA	S

610322.43	4205896.03	10118.61908	14.05	14.05	0	ANNUAL	AREA	S
610329.43	4205896.03	10482.63684	14.03	14.03	0	ANNUAL	AREA	S
610336.43	4205896.03	10861.7068	14.02	14.02	0	ANNUAL	AREA	S
610343.43	4205896.03	11257.49539	14	14	0	ANNUAL	AREA	S
610350.43	4205896.03	11674.24386	13.9	13.9	0	ANNUAL	AREA	S
610357.43	4205896.03	12108.91761	13.8	13.8	0	ANNUAL	AREA	S
610364.43	4205896.03	12561.56917	13.71	13.71	0	ANNUAL	AREA	S
610371.43	4205896.03	13033.97888	13.61	13.61	0	ANNUAL	AREA	S
610378.43	4205896.03	13525.75738	13.52	13.52	0	ANNUAL	AREA	S
610385.43	4205896.03	14038.7902	13.42	13.42	0	ANNUAL	AREA	S
610392.43	4205896.03	14572.56887	13.33	13.33	0	ANNUAL	AREA	S
610399.43	4205896.03	15128.99849	13.23	13.23	0	ANNUAL	AREA	S
610406.43	4205896.03	15708.10052	13.13	13.13	0	ANNUAL	AREA	S
610413.43	4205896.03	16309.72857	13.04	13.04	0	ANNUAL	AREA	S
610420.43	4205896.03	16935.85104	12.94	12.94	0	ANNUAL	AREA	S
610427.43	4205896.03	17585.43987	12.85	12.85	0	ANNUAL	AREA	S
610434.43	4205896.03	18260.32775	12.75	12.75	0	ANNUAL	AREA	S
610441.43	4205896.03	18959.22378	12.66	12.66	0	ANNUAL	AREA	S
610448.43	4205896.03	19683.64527	12.56	12.56	0	ANNUAL	AREA	S
610455.43	4205896.03	20432.01157	12.47	12.47	0	ANNUAL	AREA	S
610462.43	4205896.03	21205.39407	12.37	12.37	0	ANNUAL	AREA	S
610469.43	4205896.03	22002.53207	12.27	12.27	0	ANNUAL	AREA	S
610476.43	4205896.03	22821.29273	12.18	12.18	0	ANNUAL	AREA	S
610483.43	4205896.03	23662.23218	12.08	12.08	0	ANNUAL	AREA	S
610490.43	4205896.03	24521.4733	11.99	11.99	0	ANNUAL	AREA	S
610504.43	4205896.03	26284.54451	11.84	11.84	0	ANNUAL	AREA	S
610511.43	4205896.03	27183.52101	11.76	11.76	0	ANNUAL	AREA	S
610518.43	4205896.03	28087.04279	11.69	11.69	0	ANNUAL	AREA	S
610525.43	4205896.03	28991.83968	11.61	11.61	0	ANNUAL	AREA	S
610532.43	4205896.03	29889.53154	11.54	11.54	0	ANNUAL	AREA	S
610539.43	4205896.03	30775.13758	11.46	11.46	0	ANNUAL	AREA	S
610553.43	4205896.03	32472.0041	11.31	11.31	0	ANNUAL	AREA	S
610560.43	4205896.03	33264.72211	11.24	11.24	0	ANNUAL	AREA	S
610567.43	4205896.03	34008.9336	11.15	11.15	0	ANNUAL	AREA	S
610574.43	4205896.03	34692.7747	11.05	11.05	0	ANNUAL	AREA	S
610581.43	4205896.03	35303.11179	10.96	10.96	0	ANNUAL	AREA	S
610588.43	4205896.03	35830.75787	10.86	10.86	0	ANNUAL	AREA	S
610595.43	4205896.03	36262.92972	10.77	10.77	0	ANNUAL	AREA	S
610602.43	4205896.03	36590.25109	10.68	10.68	0	ANNUAL	AREA	S
610609.43	4205896.03	36803.98316	10.58	10.58	0	ANNUAL	AREA	S
610616.43	4205896.03	36894.13009	10.49	10.49	0	ANNUAL	AREA	S
610623.43	4205896.03	36851.90827	10.39	10.39	0	ANNUAL	AREA	S
610630.43	4205896.03	36682.34506	10.3	10.3	0	ANNUAL	AREA	S
610658.43	4205896.03	34588.91046	10.16	10.16	0	ANNUAL	AREA	S
610665.43	4205896.03	33733.70838	10.14	10.14	0	ANNUAL	AREA	S
610672.43	4205896.03	32762.92573	10.11	10.11	0	ANNUAL	AREA	S
610679.43	4205896.03	31683.9906	10.09	10.09	0	ANNUAL	AREA	S
610686.43	4205896.03	30509.30602	10.07	10.07	0	ANNUAL	AREA	S
610693.43	4205896.03	29252.38989	10.05	10.05	0	ANNUAL	AREA	S
610700.43	4205896.03	27930.35784	10.03	10.03	0	ANNUAL	AREA	S
610707.43	4205896.03	26558.70051	10.01	10.01	0	ANNUAL	AREA	S
610714.43	4205896.03	25153.20597	9.93	9.93	0	ANNUAL	AREA	S
610721.43	4205896.03	23728.59743	9.83	9.83	0	ANNUAL	AREA	S
610728.43	4205896.03	22299.52057	9.74	9.74	0	ANNUAL	AREA	S
610735.43	4205896.03	20879.55005	9.64	9.64	0	ANNUAL	AREA	S
610742.43	4205896.03	19480.95786	9.54	9.54	0	ANNUAL	AREA	S
610749.43	4205896.03	18115.54381	9.45	9.45	0	ANNUAL	AREA	S
610756.43	4205896.03	16794.92301	9.35	9.35	0	ANNUAL	AREA	S
610763.43	4205896.03	15528.91	9.26	9.26	0	ANNUAL	AREA	S
610770.43	4205896.03	14324.81877	9.16	9.16	0	ANNUAL	AREA	S
610777.43	4205896.03	13189.22146	9.07	9.07	0	ANNUAL	AREA	S
610784.43	4205896.03	12126.58252	9	9	0	ANNUAL	AREA	S
610791.43	4205896.03	11140.37461	9	9	0	ANNUAL	AREA	S
610798.43	4205896.03	10230.5078	9	9	0	ANNUAL	AREA	S
610805.43	4205896.03	9396.42454	9	9	0	ANNUAL	AREA	S
610812.43	4205896.03	8636.57336	9	9	0	ANNUAL	AREA	S
610819.43	4205896.03	7947.64104	9	9	0	ANNUAL	AREA	S
610826.43	4205896.03	7325.92881	9	9	0	ANNUAL	AREA	S
610833.43	4205896.03	6766.89843	9	9	0	ANNUAL	AREA	S
610840.43	4205896.03	6265.49372	9	9	0	ANNUAL	AREA	S
610847.43	4205896.03	5816.69726	9	9	0	ANNUAL	AREA	S
610854.43	4205896.03	5415.4302	9	9	0	ANNUAL	AREA	S
610861.43	4205896.03	5056.81972	9	9	0	ANNUAL	AREA	S
610868.43	4205896.03	4736.26023	9	9	0	ANNUAL	AREA	S
610875.43	4205896.03	4449.47965	9	9	0	ANNUAL	AREA	S
610882.43	4205896.03	4192.49171	9	9	0	ANNUAL	AREA	S
610889.43	4205896.03	3961.98537	9	9	0	ANNUAL	AREA	S
610910.43	4205896.03	3399.29785	9	9	0	ANNUAL	AREA	S
610917.43	4205896.03	3245.59906	9	9	0	ANNUAL	AREA	S
610924.43	4205896.03	3107.91667	9	9	0	ANNUAL	AREA	S
610931.43	4205896.03	2981.60899	9	9	0	ANNUAL	AREA	S
610938.43	4205896.03	2866.2165	9	9	0	ANNUAL	AREA	S
610945.43	4205896.03	2760.55939	9	9	0	ANNUAL	AREA	S
610952.43	4205896.03	2663.44088	9	9	0	ANNUAL	AREA	S
610959.43	4205896.03	2573.95024	9	9	0	ANNUAL	AREA	S
610966.43	4205896.03	2491.26859	9	9	0	ANNUAL	AREA	S
610973.43	4205896.03	2414.56791	9	9	0	ANNUAL	AREA	S
611001.43	4205896.03	2156.14331	9	9	0	ANNUAL	AREA	S
611008.43	4205896.03	2101.28406	9	9	0	ANNUAL	AREA	S
611015.43	4205896.03	2049.56118	9	9	0	ANNUAL	AREA	S
611022.43	4205896.03	2000.65616	9	9	0	ANNUAL	AREA	S
611029.43	4205896.03	1954.34541	9	9	0	ANNUAL	AREA	S
611036.43	4205896.03	1910.36802	9	9	0	ANNUAL	AREA	S
611043.43	4205896.03	1868.5219	9	9	0	ANNUAL	AREA	S
611050.43	4205896.03	1828.60702	9	9	0	ANNUAL	AREA	S
611057.43	4205896.03	1790.48806	9	9	0	ANNUAL	AREA	S
611064.43	4205896.03	1753.99545	9	9	0	ANNUAL	AREA	S
611071.43	4205896.03	1719.05629	9	9	0	ANNUAL	AREA	S
611078.43	4205896.03	1685.50612	9	9	0	ANNUAL	AREA	S
611085.43	4205896.03	1653.26654	9	9	0	ANNUAL	AREA	S
611092.43	4205896.03	1622.20985	9	9	0	ANNUAL	AREA	S
610294.43	4205903.03	8814.7866	14.07	14.07	0	ANNUAL	AREA	S
610301.43	4205903.03	9126.79492	14.06	14.06	0	ANNUAL	AREA	S
610308.43	4205903.03	9452.4308	14.05	14.05	0	ANNUAL	AREA	S
610315.43	4205903.03	9792.35642	14.04	14.04	0	ANNUAL	AREA	S
610322.43	4205903.03	10147.11953	14.03	14.03	0	ANNUAL	AREA	S
610329.43	4205903.03	10517.53408	14.02	14.02	0	ANNUAL	AREA	S
610336.43	4205903.03	10904.13078	14.01	14.01	0	ANNUAL	AREA	S
610343.43	4205903.03	11308.22777	13.99	13.99	0	ANNUAL	AREA	S
610350.43	4205903.03	11731.93542	13.9	13.9	0	ANNUAL	AREA	S
610357.43	4205903.03	12178.94204	13.8	13.8	0	ANNUAL	AREA	S
610364.43	4205903.03	12643.06252	13.71	13.71	0	ANNUAL	AREA	S
610371.43	4205903.03	13128.23352	13.61	13.61	0	ANNUAL	AREA	S
610378.43	4205903.03	13634.13795	13.52	13.52	0	ANNUAL	AREA	S
610385.43	4205903.03	14162.79048	13.42	13.42	0	ANNUAL	AREA	S
610392.43	4205903.03	14714.49501	13.32	13.32	0	ANNUAL	AREA	S
610399.43	4205903.03	15289.37312	13.23	13.23	0	ANNUAL	AREA	S
610406.43	4205903.03	15889.53558	13.13	13.13	0	ANNUAL	AREA	S
610413.43	4205903.03	16514.3822	13.04	13.04	0	ANNUAL	AREA	S
610420.43	4205903.03	17166.25087	12.94	12.94	0	ANNUAL	AREA	S
610427.43	4205903.03	17844.13901	12.85	12.85	0	ANNUAL	AREA	S
610434.43	4205903.03	18550.32167	12.75	12.75	0	ANNUAL	AREA	S
610441.43	4205903.03	19283.56074	12.66	12.66	0	ANNUAL	AREA	S
610448.43	4205903.03	20046.01435	12.56	12.56	0	ANNUAL	AREA	S
610455.43	4205903.03	20836.87845	12.46	12.46	0	ANNUAL	AREA	S
610462.43	4205903.03	21655.24488	12.37	12.37	0	ANNUAL	AREA	S
610469.43	4205903.03	22502.68907	12.27	12.27	0	ANNUAL	AREA	S
610476.43	4205903.03	23376.49457	12.18	12.18	0	ANNUAL	AREA	S
610483.43	4205903.03	24277.76698	12.08	12.08	0	ANNUAL	AREA	S
610490.43	4205903.03	25202.77301	11.99	11.99	0	ANNUAL	AREA	S
610504.43	4205903.03	27117.14192	11.82	11.82	0	ANNUAL	AREA	S
610511.43	4205903.03	28100.19706	11.74	11.74	0	ANNUAL	AREA	S
610518.43	4205903.03	29095.24441	11.66	11.66	0	ANNUAL	AREA	S
610525.43	4205903.03	30098.03178	11.57	11.57	0	ANNUAL	AREA	S
610532.43	4205903.03	31099.72458	11.49	11.49	0	ANNUAL	AREA	S
610539.43	4205903.03	32093.96522	11.41	11.41	0	ANNUAL	AREA	S
610560.43	4205903.03	34939.82746	11.16	11.16	0	ANNUAL	AREA	S
610567.43	4205903.03	35806.8098	11.07	11.07	0	ANNUAL	AREA	S
610574.43	4205903.03	36612.1215	10.98	10.98	0	ANNUAL	AREA	S
610581.43	4205903.03	37343.54179	10.88	10.88	0	ANNUAL	AREA	S
610588.43	4205903.03	37986.0256	10.79	10.79	0	ANNUAL	AREA	S
610595.43	4205903.03	38527.67851	10.69	10.69	0	ANNUAL	AREA	S
610602.43	4205903.03	38954.39247	10.6	10.6	0	ANNUAL	AREA	S
610609.43	4205903.03	39255.77959	10.5	10.5	0	ANNUAL	AREA	S
610616.43	4205903.03	39419.765	10.41	10.41	0	ANNUAL	AREA	S
610638.43	4205903.03	37173.2336	10.1	10.1	0	ANNUAL	AREA	S
610665.43	4205903.03	36258.04628	10.09	10.09	0	ANNUAL	AREA	S
610672.43	4205903.03	35207.46899	10.08	10.08	0	ANNUAL	AREA	S
610679.43	4205903.03	34032.07957	10.06	10.06	0	ANNUAL	AREA	S
610686.43	4205903.03	32748.45775	10.05	10.05	0	ANNUAL	AREA	S
610693.43	4205903.03	31373.5702	10.03	10.03	0	ANNUAL	AREA	S
610700.43	4205903.03	29924.25661	10.02	10.02	0	ANNUAL	AREA	S
610707.43	4205903.03	28418.77109	10	10	0	ANNUAL	AREA	S
610714.43	4205903.03	26874.77237	9.93	9.93	0	ANNUAL	AREA	S
610721.43	4205903.03	25309.88561	9.83	9.83	0	ANNUAL	AREA	S
610728.43	4205903.03	23740.30573	9.73	9.73	0	ANNUAL	AREA	S
610735.43	4205903.03	22182.17815	9.64	9.64	0	ANNUAL	AREA	S
610742.43	4205903.03	20648.80327	9.54	9.54	0	ANNUAL	AREA	S
610749.43	4205903.03	19154.24484	9.45	9.45	0	ANNUAL	AREA	S
610756.43	4205903.03	17711.56864	9.35	9.35	0	ANNUAL	AREA	S
610763.43	4205903.03	16332.23001	9.26	9.26	0	ANNUAL	AREA	S
610770.43	4205903.03	15024.25061	9.16	9.16	0	ANNUAL	AREA	S
610777.43	4205903.03	13795.04707	9.06	9.06	0	ANNUAL	AREA	S
610784.43	4205903.03	12649.93277	9	9	0	ANNUAL	AREA	S
610791.43	4205903.03	11591.7884	9	9	0	ANNUAL	AREA	S
610798.43	4205903.03	10620.16643	9	9	0	ANNUAL	AREA	S
610805.43	4205903.03	9734.10191	9	9	0	ANNUAL	AREA	S
610812.43	4205903.03	8930.89664	9	9	0	ANNUAL	AREA	S
610819.43	4205903.03	8206.61199	9	9	0	ANNUAL	AREA	S
610826.43	4205903.03	7556.10776	9	9	0	ANNUAL	AREA	S
610833.43	4205903.03	6973.93719	9	9	0	ANNUAL	AREA	S
610840.43	4205903.03	6454.20327	9	9	0	ANNUAL	AREA	S
610847.43	4205903.03	5990.72307	9	9	0	ANNUAL	AREA	S
610854.43	4205903.03	5577.90687	9	9	0	ANNUAL	AREA	S
610861.43	4205903.03	5210.0081	9	9	0	ANNUAL	AREA	S
610868.43	4205903.03	4881.99197	9	9	0	ANNUAL	AREA	S
610875.43	4205903.03	4585.18633	9	9	0	ANNUAL	AREA	S
610882.43	4205903.03	4327.23813	9	9	0	ANNUAL	AREA	S
610889.43	4205903.03	4092.55315	9	9	0	ANNUAL	AREA	S
610910.43	4205903.03	3520.43143	9	9	0	ANNUAL	AREA	S
610917.43	4205903.03	3365.1936	9	9	0	ANNUAL	AREA	S
610924.43	4205903.03	3224.23761	9	9	0	ANNUAL	AREA	S
610931.43	4205903.03	3095.80412	9	9	0	ANNUAL	AREA	S
610938.43	4205903.03	2978.38516	9	9	0	ANNUAL	AREA	S
610945.43	4205903.03	2870.76468	9	9	0	ANNUAL	AREA	S
610952.43	4205903.03	2771.77297	9	9	0	ANNUAL	AREA	S
610959.43	4205903.03	2680.44607	9	9	0	ANNUAL	AREA	S
610966.43	4205903.03	2595.9343	9	9	0	ANNUAL	AREA	S
610973.43	4205903.03	2517.43155	9	9	0	ANNUAL	AREA	S
611001.43	4205903.03	2252.08021	9	9	0	ANNUAL	AREA	S
611008.43	4205903.03	2195.50486	9	9	0	ANNUAL	AREA	S
611015.43	4205903.03	2142.0855	9	9	0	ANNUAL	AREA	S
611022.43	4205903.03	2091.53772	9	9	0	ANNUAL	AREA	S
611029.43	4205903.03	2043.55572	9	9	0	ANNUAL	AREA	S
611036.43	4205903.03	1997.93188	9	9	0	ANNUAL	AREA	S
611043.43	4205903.03	1954.45908	9	9	0	ANNUAL	AREA	S

611050.43	4205903.03	1912.97973	9	9	0	ANNUAL	AREA	S
611057.43	4205903.03	1873.27525	9	9	0	ANNUAL	AREA	S
611064.43	4205903.03	1835.2255	9	9	0	ANNUAL	AREA	S
611071.43	4205903.03	1798.71269	9	9	0	ANNUAL	AREA	S
611078.43	4205903.03	1763.66048	9	9	0	ANNUAL	AREA	S
611085.43	4205903.03	1729.9177	9	9	0	ANNUAL	AREA	S
611092.43	4205903.03	1697.41814	9	9	0	ANNUAL	AREA	S
610294.43	4205910.03	8818.37412	14.01	14.01	0	ANNUAL	AREA	S
610301.43	4205910.03	9134.2021	14.01	14.01	0	ANNUAL	AREA	S
610308.43	4205910.03	9464.0885	14.01	14.01	0	ANNUAL	AREA	S
610315.43	4205910.03	9808.72951	14.01	14.01	0	ANNUAL	AREA	S
610322.43	4205910.03	10168.8626	14.01	14.01	0	ANNUAL	AREA	S
610329.43	4205910.03	10545.12593	14.01	14.01	0	ANNUAL	AREA	S
610336.43	4205910.03	10938.91216	14	14	0	ANNUAL	AREA	S
610343.43	4205910.03	11350.45434	13.99	13.99	0	ANNUAL	AREA	S
610350.43	4205910.03	11785.03518	13.9	13.9	0	ANNUAL	AREA	S
610357.43	4205910.03	12240.098	13.8	13.8	0	ANNUAL	AREA	S
610364.43	4205910.03	12715.24822	13.71	13.71	0	ANNUAL	AREA	S
610371.43	4205910.03	13212.71454	13.61	13.61	0	ANNUAL	AREA	S
610378.43	4205910.03	13732.86687	13.51	13.51	0	ANNUAL	AREA	S
610385.43	4205910.03	14276.06164	13.42	13.42	0	ANNUAL	AREA	S
610392.43	4205910.03	14844.55178	13.32	13.32	0	ANNUAL	AREA	S
610399.43	4205910.03	15438.11234	13.23	13.23	0	ANNUAL	AREA	S
610406.43	4205910.03	16058.93196	13.13	13.13	0	ANNUAL	AREA	S
610413.43	4205910.03	16706.78296	13.04	13.04	0	ANNUAL	AREA	S
610420.43	4205910.03	17383.98278	12.94	12.94	0	ANNUAL	AREA	S
610427.43	4205910.03	18089.98659	12.85	12.85	0	ANNUAL	AREA	S
610434.43	4205910.03	18827.3193	12.75	12.75	0	ANNUAL	AREA	S
610441.43	4205910.03	19595.88578	12.65	12.65	0	ANNUAL	AREA	S
610448.43	4205910.03	20395.52376	12.56	12.56	0	ANNUAL	AREA	S
610455.43	4205910.03	21228.56251	12.46	12.46	0	ANNUAL	AREA	S
610462.43	4205910.03	22093.43641	12.37	12.37	0	ANNUAL	AREA	S
610469.43	4205910.03	22992.1703	12.27	12.27	0	ANNUAL	AREA	S
610476.43	4205910.03	23922.58242	12.18	12.18	0	ANNUAL	AREA	S
610483.43	4205910.03	24886.06227	12.08	12.08	0	ANNUAL	AREA	S
610490.43	4205910.03	25879.54431	11.99	11.99	0	ANNUAL	AREA	S
610560.43	4205910.03	36701.53669	11.09	11.09	0	ANNUAL	AREA	S
610658.43	4205910.03	40050.47819	10.05	10.05	0	ANNUAL	AREA	S
610665.43	4205910.03	39070.19154	10.05	10.05	0	ANNUAL	AREA	S
610672.43	4205910.03	37933.42405	10.04	10.04	0	ANNUAL	AREA	S
610679.43	4205910.03	36654.98779	10.03	10.03	0	ANNUAL	AREA	S
610686.43	4205910.03	35252.53775	10.02	10.02	0	ANNUAL	AREA	S
610693.43	4205910.03	33744.86473	10.02	10.02	0	ANNUAL	AREA	S
610700.43	4205910.03	32152.54803	10.01	10.01	0	ANNUAL	AREA	S
610707.43	4205910.03	30485.7909	10	10	0	ANNUAL	AREA	S
610714.43	4205910.03	28795.81692	9.92	9.92	0	ANNUAL	AREA	S
610721.43	4205910.03	27071.65192	9.83	9.83	0	ANNUAL	AREA	S
610728.43	4205910.03	25342.73513	9.73	9.73	0	ANNUAL	AREA	S
610735.43	4205910.03	23627.04546	9.64	9.64	0	ANNUAL	AREA	S
610742.43	4205910.03	21940.51554	9.54	9.54	0	ANNUAL	AREA	S
610749.43	4205910.03	20298.91381	9.45	9.45	0	ANNUAL	AREA	S
610756.43	4205910.03	18717.67289	9.35	9.35	0	ANNUAL	AREA	S
610763.43	4205910.03	17209.6595	9.25	9.25	0	ANNUAL	AREA	S
610770.43	4205910.03	15784.85388	9.16	9.16	0	ANNUAL	AREA	S
610777.43	4205910.03	14450.87732	9.06	9.06	0	ANNUAL	AREA	S
610784.43	4205910.03	13213.8109	9	9	0	ANNUAL	AREA	S
610791.43	4205910.03	12076.27522	9	9	0	ANNUAL	AREA	S
610798.43	4205910.03	11037.30526	9	9	0	ANNUAL	AREA	S
610805.43	4205910.03	10095.03946	9	9	0	ANNUAL	AREA	S
610812.43	4205910.03	9245.72896	9	9	0	ANNUAL	AREA	S
610819.43	4205910.03	8483.95005	9	9	0	ANNUAL	AREA	S
610826.43	4205910.03	7803.5222	9	9	0	ANNUAL	AREA	S
610833.43	4205910.03	7197.53746	9	9	0	ANNUAL	AREA	S
610840.43	4205910.03	6658.95958	9	9	0	ANNUAL	AREA	S
610847.43	4205910.03	6180.79935	9	9	0	ANNUAL	AREA	S
610854.43	4205910.03	5756.17856	9	9	0	ANNUAL	AREA	S
610861.43	4205910.03	5378.95014	9	9	0	ANNUAL	AREA	S
610868.43	4205910.03	5043.39221	9	9	0	ANNUAL	AREA	S
610875.43	4205910.03	4744.36465	9	9	0	ANNUAL	AREA	S
610882.43	4205910.03	4477.3868	9	9	0	ANNUAL	AREA	S
610889.43	4205910.03	4238.36112	9	9	0	ANNUAL	AREA	S
610910.43	4205910.03	3656.20134	9	9	0	ANNUAL	AREA	S
610917.43	4205910.03	3498.20581	9	9	0	ANNUAL	AREA	S
610924.43	4205910.03	3354.62203	9	9	0	ANNUAL	AREA	S
610931.43	4205910.03	3223.74949	9	9	0	ANNUAL	AREA	S
610938.43	4205910.03	3104.00508	9	9	0	ANNUAL	AREA	S
610945.43	4205910.03	2994.10986	9	9	0	ANNUAL	AREA	S
610952.43	4205910.03	2892.93035	9	9	0	ANNUAL	AREA	S
610959.43	4205910.03	2799.46236	9	9	0	ANNUAL	AREA	S
610966.43	4205910.03	2712.79169	9	9	0	ANNUAL	AREA	S
610973.43	4205910.03	2632.19134	9	9	0	ANNUAL	AREA	S
611001.43	4205910.03	2358.65027	9	9	0	ANNUAL	AREA	S
611008.43	4205910.03	2300.07493	9	9	0	ANNUAL	AREA	S
611015.43	4205910.03	2244.67616	9	9	0	ANNUAL	AREA	S
611022.43	4205910.03	2192.14153	9	9	0	ANNUAL	AREA	S
611029.43	4205910.03	2142.24167	9	9	0	ANNUAL	AREA	S
611036.43	4205910.03	2094.68427	9	9	0	ANNUAL	AREA	S
611043.43	4205910.03	2049.31166	9	9	0	ANNUAL	AREA	S
611050.43	4205910.03	2005.9469	9	9	0	ANNUAL	AREA	S
611057.43	4205910.03	1964.41936	9	9	0	ANNUAL	AREA	S
611064.43	4205910.03	1924.56876	9	9	0	ANNUAL	AREA	S
611071.43	4205910.03	1886.27501	9	9	0	ANNUAL	AREA	S
611078.43	4205910.03	1849.43618	9	9	0	ANNUAL	AREA	S
611085.43	4205910.03	1813.96984	9	9	0	ANNUAL	AREA	S
611092.43	4205910.03	1779.77583	9	9	0	ANNUAL	AREA	S
610294.43	4205917.03	8816.61015	13.95	13.95	0	ANNUAL	AREA	S
610301.43	4205917.03	9136.25231	13.95	13.95	0	ANNUAL	AREA	S
610308.43	4205917.03	9470.40503	13.95	13.95	0	ANNUAL	AREA	S
610315.43	4205917.03	9819.92684	13.95	13.95	0	ANNUAL	AREA	S
610322.43	4205917.03	10185.43505	13.95	13.95	0	ANNUAL	AREA	S
610329.43	4205917.03	10567.89517	13.95	13.95	0	ANNUAL	AREA	S
610336.43	4205917.03	10967.9468	13.95	13.95	0	ANNUAL	AREA	S
610343.43	4205917.03	11386.65048	13.95	13.95	0	ANNUAL	AREA	S
610350.43	4205917.03	11830.30901	13.85	13.85	0	ANNUAL	AREA	S
610357.43	4205917.03	12294.31147	13.76	13.76	0	ANNUAL	AREA	S
610364.43	4205917.03	12780.76938	13.66	13.66	0	ANNUAL	AREA	S
610371.43	4205917.03	13289.52633	13.57	13.57	0	ANNUAL	AREA	S
610378.43	4205917.03	13822.94127	13.47	13.47	0	ANNUAL	AREA	S
610385.43	4205917.03	14380.84503	13.38	13.38	0	ANNUAL	AREA	S
610392.43	4205917.03	14965.83376	13.28	13.28	0	ANNUAL	AREA	S
610399.43	4205917.03	15577.48217	13.19	13.19	0	ANNUAL	AREA	S
610406.43	4205917.03	16218.72828	13.09	13.09	0	ANNUAL	AREA	S
610413.43	4205917.03	16889.10646	13	13	0	ANNUAL	AREA	S
610420.43	4205917.03	17590.57205	12.91	12.91	0	ANNUAL	AREA	S
610427.43	4205917.03	18324.44154	12.82	12.82	0	ANNUAL	AREA	S
610434.43	4205917.03	19092.65518	12.72	12.72	0	ANNUAL	AREA	S
610441.43	4205917.03	19894.74557	12.63	12.63	0	ANNUAL	AREA	S
610448.43	4205917.03	20732.43309	12.54	12.54	0	ANNUAL	AREA	S
610455.43	4205917.03	21606.76842	12.45	12.45	0	ANNUAL	AREA	S
610462.43	4205917.03	22518.5382	12.36	12.36	0	ANNUAL	AREA	S
610469.43	4205917.03	23469.43126	12.26	12.26	0	ANNUAL	AREA	S
610476.43	4205917.03	24457.43905	12.17	12.17	0	ANNUAL	AREA	S
610483.43	4205917.03	25483.75967	12.08	12.08	0	ANNUAL	AREA	S
610623.43	4205917.03	45438.52403	10.17	10.17	0	ANNUAL	AREA	S
610630.43	4205917.03	45430.34102	10.07	10.07	0	ANNUAL	AREA	S
610637.43	4205917.03	45206.44533	10	10	0	ANNUAL	AREA	S
610644.43	4205917.03	44770.12195	10	10	0	ANNUAL	AREA	S
610665.43	4205917.03	42222.39816	10	10	0	ANNUAL	AREA	S
610672.43	4205917.03	40993.2765	10	10	0	ANNUAL	AREA	S
610679.43	4205917.03	39600.51553	10	10	0	ANNUAL	AREA	S
610686.43	4205917.03	38054.88553	10	10	0	ANNUAL	AREA	S
610693.43	4205917.03	36408.67275	10	10	0	ANNUAL	AREA	S
610700.43	4205917.03	34654.9831	10	10	0	ANNUAL	AREA	S
610707.43	4205917.03	32827.48044	10	10	0	ANNUAL	AREA	S
610714.43	4205917.03	30950.21724	9.92	9.92	0	ANNUAL	AREA	S
610721.43	4205917.03	29045.22122	9.83	9.83	0	ANNUAL	AREA	S
610728.43	4205917.03	27134.59064	9.73	9.73	0	ANNUAL	AREA	S
610735.43	4205917.03	25239.05814	9.64	9.64	0	ANNUAL	AREA	S
610742.43	4205917.03	23377.13364	9.54	9.54	0	ANNUAL	AREA	S
610749.43	4205917.03	21566.83028	9.44	9.44	0	ANNUAL	AREA	S
610756.43	4205917.03	19827.42724	9.35	9.35	0	ANNUAL	AREA	S
610763.43	4205917.03	18172.92648	9.25	9.25	0	ANNUAL	AREA	S
610770.43	4205917.03	16615.39947	9.16	9.16	0	ANNUAL	AREA	S
610777.43	4205917.03	15163.27585	9.06	9.06	0	ANNUAL	AREA	S
610784.43	4205917.03	13823.38493	9	9	0	ANNUAL	AREA	S
610791.43	4205917.03	12598.0993	9	9	0	ANNUAL	AREA	S
610798.43	4205917.03	11485.52957	9	9	0	ANNUAL	AREA	S
610805.43	4205917.03	10482.52805	9	9	0	ANNUAL	AREA	S
610812.43	4205917.03	9583.99484	9	9	0	ANNUAL	AREA	S
610819.43	4205917.03	8782.90745	9	9	0	ANNUAL	AREA	S
610826.43	4205917.03	8071.30804	9	9	0	ANNUAL	AREA	S
610833.43	4205917.03	7440.94278	9	9	0	ANNUAL	AREA	S
610840.43	4205917.03	6883.23446	9	9	0	ANNUAL	AREA	S
610847.43	4205917.03	6390.02227	9	9	0	ANNUAL	AREA	S
610854.43	4205917.03	5953.57495	9	9	0	ANNUAL	AREA	S
610861.43	4205917.03	5566.95133	9	9	0	ANNUAL	AREA	S
610868.43	4205917.03	5223.77114	9	9	0	ANNUAL	AREA	S
610875.43	4205917.03	4918.3894	9	9	0	ANNUAL	AREA	S
610882.43	4205917.03	4646.06715	9	9	0	ANNUAL	AREA	S
610889.43	4205917.03	4402.42381	9	9	0	ANNUAL	AREA	S
610910.43	4205917.03	3809.20946	9	9	0	ANNUAL	AREA	S
610917.43	4205917.03	3648.1031	9	9	0	ANNUAL	AREA	S
610924.43	4205917.03	3501.58148	9	9	0	ANNUAL	AREA	S
610931.43	4205917.03	3367.87354	9	9	0	ANNUAL	AREA	S
610938.43	4205917.03	3245.39968	9	9	0	ANNUAL	AREA	S
610945.43	4205917.03	3132.84171	9	9	0	ANNUAL	AREA	S
610952.43	4205917.03	3029.04094	9	9	0	ANNUAL	AREA	S
610959.43	4205917.03	2932.98196	9	9	0	ANNUAL	AREA	S
610966.43	4205917.03	2843.78958	9	9	0	ANNUAL	AREA	S
610973.43	4205917.03	2760.70227	9	9	0	ANNUAL	AREA	S
611001.43	4205917.03	2477.32916	9	9	0	ANNUAL	AREA	S
611008.43	4205917.03	2416.39047	9	9	0	ANNUAL	AREA	S
611015.43	4205917.03	2358.65634	9	9	0	ANNUAL	AREA	S
611022.43	4205917.03	2303.81775	9	9	0	ANNUAL	AREA	S
611029.43	4205917.03	2251.59352	9	9	0	ANNUAL	AREA	S
611036.43	4205917.03	2201.76671	9	9	0	ANNUAL	AREA	S
611043.43	4205917.03	2154.20322	9	9	0	ANNUAL	AREA	S
611050.43	4205917.03	2108.61988	9	9	0	ANNUAL	AREA	S
611057.43	4205917.03	2064.93666	9	9	0	ANNUAL	AREA	S
611064.43	4205917.03	2022.94148	9	9	0	ANNUAL	AREA	S
611071.43	4205917.03	1982.57134	9	9	0	ANNUAL	AREA	S
611078.43	4205917.03	1943.70832	9	9	0	ANNUAL	AREA	S
611085.43	4205917.03	1906.24794	9	9	0	ANNUAL	AREA	S
611092.43	4205917.03	1870.08084	9	9	0	ANNUAL	AREA	S
610294.43	4205924.03	8810.17687	13.87	13.87	0	ANNUAL	AREA	S
610301.43	4205924.03	9133.31025	13.87	13.87	0	ANNUAL	AREA	S
610308.43	4205924.03	9471.50765	13.87	13.87	0	ANNUAL	AREA	S
610315.43	4205924.03	9825.48918	13.87	13.87	0	ANNUAL	AREA	S
610322.43	4205924.03	10195.66881	13.88	13.88	0	ANNUAL	AREA	S
610329.43	4205924.03	10583.7375	13.88	13.88	0	ANNUAL	AREA	S
610336.43	4205924.03	10990.23277	13.88	13.88	0	ANNUAL	AREA	S
610343.43	4205924.03	11416.58162	13.87	13.87	0	ANNUAL	AREA	S
610350.43	4205924.03	11868.49372	13.77	13.77	0	ANNUAL	AREA	S
610357.43	4205924.03	12341.65097	13.68	13.68	0	ANNUAL	AREA	S
610364.43	4205924.03	12838.28512	13.58	13.58	0	ANNUAL	AREA	S
610371.43	4205924.03	13358.53528	13.49	13.49	0	ANNUAL	AREA	S

610378.43	4205924.03	13904.08416	13.4	13.4	0	ANNUAL	AREA	5
610385.43	4205924.03	14476.98429	13.3	13.3	0	ANNUAL	AREA	5
610392.43	4205924.03	15077.15634	13.21	13.21	0	ANNUAL	AREA	5
610399.43	4205924.03	15707.41022	13.11	13.11	0	ANNUAL	AREA	5
610406.43	4205924.03	16367.6708	13.02	13.02	0	ANNUAL	AREA	5
610413.43	4205924.03	17060.9006	12.92	12.92	0	ANNUAL	AREA	5
610420.43	4205924.03	17787.07807	12.83	12.83	0	ANNUAL	AREA	5
610427.43	4205924.03	18547.49257	12.75	12.75	0	ANNUAL	AREA	5
610434.43	4205924.03	19344.47749	12.67	12.67	0	ANNUAL	AREA	5
610441.43	4205924.03	20180.50466	12.58	12.58	0	ANNUAL	AREA	5
610448.43	4205924.03	21055.19461	12.5	12.5	0	ANNUAL	AREA	5
610455.43	4205924.03	21971.75817	12.41	12.41	0	ANNUAL	AREA	5
610462.43	4205924.03	22929.56129	12.33	12.33	0	ANNUAL	AREA	5
610469.43	4205924.03	23931.80381	12.24	12.24	0	ANNUAL	AREA	5
610476.43	4205924.03	24977.13968	12.16	12.16	0	ANNUAL	AREA	5
610483.43	4205924.03	26068.46315	12.07	12.07	0	ANNUAL	AREA	5
610504.43	4205924.03	29612.09148	11.79	11.79	0	ANNUAL	AREA	5
610511.43	4205924.03	30880.2964	11.69	11.69	0	ANNUAL	AREA	5
610518.43	4205924.03	32185.90382	11.6	11.6	0	ANNUAL	AREA	5
610525.43	4205924.03	33527.65502	11.5	11.5	0	ANNUAL	AREA	5
610532.43	4205924.03	34896.65159	11.41	11.41	0	ANNUAL	AREA	5
610539.43	4205924.03	36288.13335	11.31	11.31	0	ANNUAL	AREA	5
610546.43	4205924.03	37689.7187	11.22	11.22	0	ANNUAL	AREA	5
610553.43	4205924.03	39091.88375	11.12	11.12	0	ANNUAL	AREA	5
610560.43	4205924.03	40477.79306	11.03	11.03	0	ANNUAL	AREA	5
610567.43	4205924.03	41832.95556	10.93	10.93	0	ANNUAL	AREA	5
610574.43	4205924.03	43136.96008	10.83	10.83	0	ANNUAL	AREA	5
610581.43	4205924.03	44367.65655	10.74	10.74	0	ANNUAL	AREA	5
610588.43	4205924.03	45503.98188	10.64	10.64	0	ANNUAL	AREA	5
610595.43	4205924.03	46520.25798	10.55	10.55	0	ANNUAL	AREA	5
610602.43	4205924.03	47394.12896	10.45	10.45	0	ANNUAL	AREA	5
610609.43	4205924.03	48100.25725	10.36	10.36	0	ANNUAL	AREA	5
610616.43	4205924.03	48618.48321	10.26	10.26	0	ANNUAL	AREA	5
610623.43	4205924.03	48928.32324	10.16	10.16	0	ANNUAL	AREA	5
610630.43	4205924.03	49011.94552	10.07	10.07	0	ANNUAL	AREA	5
610637.43	4205924.03	48849.27712	10	10	0	ANNUAL	AREA	5
610644.43	4205924.03	48440.47313	9.99	9.99	0	ANNUAL	AREA	5
610665.43	4205924.03	45773.58461	9.97	9.97	0	ANNUAL	AREA	5
610672.43	4205924.03	44443.3253	9.96	9.96	0	ANNUAL	AREA	5
610679.43	4205924.03	42923.66184	9.96	9.96	0	ANNUAL	AREA	5
610686.43	4205924.03	41239.329	9.95	9.95	0	ANNUAL	AREA	5
610693.43	4205924.03	39416.13547	9.94	9.94	0	ANNUAL	AREA	5
610700.43	4205924.03	37480.7702	9.94	9.94	0	ANNUAL	AREA	5
610707.43	4205924.03	35460.17034	9.93	9.93	0	ANNUAL	AREA	5
610714.43	4205924.03	33381.50152	9.86	9.86	0	ANNUAL	AREA	5
610721.43	4205924.03	31270.17943	9.77	9.77	0	ANNUAL	AREA	5
610728.43	4205924.03	29151.25138	9.68	9.68	0	ANNUAL	AREA	5
610735.43	4205924.03	27049.09857	9.59	9.59	0	ANNUAL	AREA	5
610742.43	4205924.03	24983.04467	9.5	9.5	0	ANNUAL	AREA	5
610749.43	4205924.03	22979.5559	9.42	9.42	0	ANNUAL	AREA	5
610756.43	4205924.03	21057.8055	9.33	9.33	0	ANNUAL	AREA	5
610763.43	4205924.03	19235.39152	9.24	9.24	0	ANNUAL	AREA	5
610770.43	4205924.03	17526.3307	9.15	9.15	0	ANNUAL	AREA	5
610777.43	4205924.03	15940.61335	9.06	9.06	0	ANNUAL	AREA	5
610784.43	4205924.03	14485.26811	9	9	0	ANNUAL	AREA	5
610791.43	4205924.03	13162.57395	9	9	0	ANNUAL	AREA	5
610798.43	4205924.03	11969.43101	9	9	0	ANNUAL	AREA	5
610805.43	4205924.03	10900.92017	9	9	0	ANNUAL	AREA	5
610812.43	4205924.03	9950.01968	9	9	0	ANNUAL	AREA	5
610819.43	4205924.03	9107.61391	9	9	0	ANNUAL	AREA	5
610826.43	4205924.03	8363.89617	9	9	0	ANNUAL	AREA	5
610833.43	4205924.03	7708.51642	9	9	0	ANNUAL	AREA	5
610840.43	4205924.03	7131.35997	9	9	0	ANNUAL	AREA	5
610847.43	4205924.03	6623.03637	9	9	0	ANNUAL	AREA	5
610854.43	4205924.03	6174.54477	9	9	0	ANNUAL	AREA	5
610861.43	4205924.03	5778.23519	9	9	0	ANNUAL	AREA	5
610868.43	4205924.03	5427.13524	9	9	0	ANNUAL	AREA	5
610875.43	4205924.03	5115.13196	9	9	0	ANNUAL	AREA	5
610882.43	4205924.03	4837.11313	9	9	0	ANNUAL	AREA	5
610889.43	4205924.03	4588.49471	9	9	0	ANNUAL	AREA	5
610910.43	4205924.03	3982.84847	9	9	0	ANNUAL	AREA	5
610917.43	4205924.03	3818.13139	9	9	0	ANNUAL	AREA	5
610924.43	4205924.03	3668.12496	9	9	0	ANNUAL	AREA	5
610931.43	4205924.03	3531.06221	9	9	0	ANNUAL	AREA	5
610938.43	4205924.03	3405.36613	9	9	0	ANNUAL	AREA	5
610945.43	4205924.03	3289.65381	9	9	0	ANNUAL	AREA	5
610952.43	4205924.03	3182.69241	9	9	0	ANNUAL	AREA	5
610959.43	4205924.03	3083.56153	9	9	0	ANNUAL	AREA	5
610966.43	4205924.03	2991.30471	9	9	0	ANNUAL	AREA	5
610973.43	4205924.03	2905.18744	9	9	0	ANNUAL	AREA	5
611001.43	4205924.03	2610.02449	9	9	0	ANNUAL	AREA	5
611008.43	4205924.03	2546.18631	9	9	0	ANNUAL	AREA	5
611015.43	4205924.03	2485.62607	9	9	0	ANNUAL	AREA	5
611022.43	4205924.03	2427.99602	9	9	0	ANNUAL	AREA	5
611029.43	4205924.03	2373.03804	9	9	0	ANNUAL	AREA	5
611036.43	4205924.03	2320.5341	9	9	0	ANNUAL	AREA	5
611043.43	4205924.03	2270.28865	9	9	0	ANNUAL	AREA	5
611050.43	4205924.03	2222.15512	9	9	0	ANNUAL	AREA	5
611057.43	4205924.03	2175.91236	9	9	0	ANNUAL	AREA	5
611064.43	4205924.03	2131.45432	9	9	0	ANNUAL	AREA	5
611071.43	4205924.03	2088.62229	9	9	0	ANNUAL	AREA	5
611078.43	4205924.03	2047.37444	9	9	0	ANNUAL	AREA	5
611085.43	4205924.03	2007.60737	9	9	0	ANNUAL	AREA	5
611092.43	4205924.03	1969.16283	9	9	0	ANNUAL	AREA	5
610294.43	4205931.03	8797.81516	13.8	13.8	0	ANNUAL	AREA	5
610301.43	4205931.03	9124.17389	13.8	13.8	0	ANNUAL	AREA	5
610308.43	4205931.03	9465.93313	13.8	13.8	0	ANNUAL	AREA	5
610315.43	4205931.03	9824.0592	13.8	13.8	0	ANNUAL	AREA	5
610322.43	4205931.03	10199.30011	13.8	13.8	0	ANNUAL	AREA	5
610329.43	4205931.03	10592.70459	13.8	13.8	0	ANNUAL	AREA	5
610336.43	4205931.03	11005.14042	13.8	13.8	0	ANNUAL	AREA	5
610343.43	4205931.03	11438.25745	13.79	13.79	0	ANNUAL	AREA	5
610350.43	4205931.03	11897.1849	13.7	13.7	0	ANNUAL	AREA	5
610357.43	4205931.03	12379.55463	13.6	13.6	0	ANNUAL	AREA	5
610364.43	4205931.03	12885.30592	13.51	13.51	0	ANNUAL	AREA	5
610371.43	4205931.03	13416.97987	13.41	13.41	0	ANNUAL	AREA	5
610378.43	4205931.03	13974.77056	13.32	13.32	0	ANNUAL	AREA	5
610385.43	4205931.03	14561.33658	13.22	13.22	0	ANNUAL	AREA	5
610392.43	4205931.03	15176.77524	13.13	13.13	0	ANNUAL	AREA	5
610399.43	4205931.03	15824.23818	13.03	13.03	0	ANNUAL	AREA	5
610406.43	4205931.03	16503.63734	12.94	12.94	0	ANNUAL	AREA	5
610413.43	4205931.03	17217.52179	12.85	12.85	0	ANNUAL	AREA	5
610420.43	4205931.03	17967.58836	12.76	12.76	0	ANNUAL	AREA	5
610427.43	4205931.03	18753.73015	12.69	12.69	0	ANNUAL	AREA	5
610434.43	4205931.03	19580.68491	12.61	12.61	0	ANNUAL	AREA	5
610441.43	4205931.03	20449.15963	12.53	12.53	0	ANNUAL	AREA	5
610448.43	4205931.03	21361.19475	12.45	12.45	0	ANNUAL	AREA	5
610455.43	4205931.03	22317.51948	12.38	12.38	0	ANNUAL	AREA	5
610462.43	4205931.03	23322.12052	12.3	12.3	0	ANNUAL	AREA	5
610469.43	4205931.03	24375.60278	12.22	12.22	0	ANNUAL	AREA	5
610476.43	4205931.03	25479.71153	12.14	12.14	0	ANNUAL	AREA	5
610483.43	4205931.03	26635.53924	12.06	12.06	0	ANNUAL	AREA	5
610490.43	4205931.03	27844.36078	11.98	11.98	0	ANNUAL	AREA	5
610504.43	4205931.03	30426.33013	11.79	11.79	0	ANNUAL	AREA	5
610511.43	4205931.03	31797.43789	11.69	11.69	0	ANNUAL	AREA	5
610518.43	4205931.03	33217.88497	11.6	11.6	0	ANNUAL	AREA	5
610525.43	4205931.03	34687.29186	11.5	11.5	0	ANNUAL	AREA	5
610532.43	4205931.03	36197.50909	11.41	11.41	0	ANNUAL	AREA	5
610539.43	4205931.03	37744.6684	11.31	11.31	0	ANNUAL	AREA	5
610546.43	4205931.03	39316.32979	11.22	11.22	0	ANNUAL	AREA	5
610553.43	4205931.03	40903.42784	11.12	11.12	0	ANNUAL	AREA	5
610560.43	4205931.03	42489.30948	11.02	11.02	0	ANNUAL	AREA	5
610567.43	4205931.03	44054.24048	10.93	10.93	0	ANNUAL	AREA	5
610574.43	4205931.03	45579.34186	10.83	10.83	0	ANNUAL	AREA	5
610581.43	4205931.03	47037.39526	10.74	10.74	0	ANNUAL	AREA	5
610588.43	4205931.03	48403.5356	10.64	10.64	0	ANNUAL	AREA	5
610595.43	4205931.03	49646.55158	10.55	10.55	0	ANNUAL	AREA	5
610602.43	4205931.03	50738.5469	10.45	10.45	0	ANNUAL	AREA	5
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610616.43	4205931.03	52348.05673	10.26	10.26	0	ANNUAL	AREA	5
610623.43	4205931.03	52812.74513	10.16	10.16	0	ANNUAL	AREA	5
610630.43	4205931.03	53018.25816	10.07	10.07	0	ANNUAL	AREA	5
610637.43	4205931.03	52939.52105	10	10	0	ANNUAL	AREA	5
610644.43	4205931.03	52574.33091	9.98	9.98	0	ANNUAL	AREA	5
610651.43	4205931.03	51922.37512	9.97	9.97	0	ANNUAL	AREA	5
610672.43	4205931.03	48352.40941	9.92	9.92	0	ANNUAL	AREA	5
610679.43	4205931.03	46691.47626	9.91	9.91	0	ANNUAL	AREA	5
610686.43	4205931.03	44840.28863	9.9	9.9	0	ANNUAL	AREA	5
610693.43	4205931.03	42829.48189	9.88	9.88	0	ANNUAL	AREA	5
610700.43	4205931.03	40689.28599	9.87	9.87	0	ANNUAL	AREA	5
610707.43	4205931.03	38450.33166	9.86	9.86	0	ANNUAL	AREA	5
610714.43	4205931.03	36142.84002	9.79	9.79	0	ANNUAL	AREA	5
610721.43	4205931.03	33795.43177	9.71	9.71	0	ANNUAL	AREA	5
610728.43	4205931.03	31436.97873	9.63	9.63	0	ANNUAL	AREA	5
610735.43	4205931.03	29093.32358	9.54	9.54	0	ANNUAL	AREA	5
610742.43	4205931.03	26792.629	9.46	9.46	0	ANNUAL	AREA	5
610749.43	4205931.03	24563.73066	9.38	9.38	0	ANNUAL	AREA	5
610756.43	4205931.03	22430.68041	9.3	9.3	0	ANNUAL	AREA	5
610763.43	4205931.03	20414.267	9.22	9.22	0	ANNUAL	AREA	5
610770.43	4205931.03	18530.80244	9.13	9.13	0	ANNUAL	AREA	5
610777.43	4205931.03	16792.8046	9.05	9.05	0	ANNUAL	AREA	5
610784.43	4205931.03	15207.43886	9	9	0	ANNUAL	AREA	5
610791.43	4205931.03	13776.39132	9	9	0	ANNUAL	AREA	5
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610805.43	4205931.03	11355.73261	9	9	0	ANNUAL	AREA	5
610812.43	4205931.03	10349.33371	9	9	0	ANNUAL	AREA	5
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610826.43	4205931.03	8686.94479	9	9	0	ANNUAL	AREA	5
610833.43	4205931.03	8006.01022	9	9	0	ANNUAL	AREA	5
610840.43	4205931.03	7409.12033	9	9	0	ANNUAL	AREA	5
610847.43	4205931.03	6885.23732	9	9	0	ANNUAL	AREA	5
610854.43	4205931.03	6424.47902	9	9	0	ANNUAL	AREA	5
610861.43	4205931.03	6018.10434	9	9	0	ANNUAL	AREA	5
610868.43	4205931.03	5658.71166	9	9	0	ANNUAL	AREA	5
610875.43	4205931.03	5339.60107	9	9	0	ANNUAL	AREA	5
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610889.43	4205931.03	4801.15333	9	9	0	ANNUAL	AREA	5
610910.43	4205931.03	4181.17163	9	9	0	ANNUAL	AREA	5
610917.43	4205931.03	4012.15705	9	9	0	ANNUAL	AREA	5
610924.43	4205931.03	3858.02214	9	9	0	ANNUAL	AREA	5
610931.43	4205931.03	3716.92144	9	9	0	ANNUAL	AREA	5
610938.43	4205931.03	3587.2212	9	9	0	ANNUAL	AREA	5
610945.43	4205931.03	3467.62725	9	9	0	ANNUAL	AREA	5
610952.43	4205931.03	3356.85078	9	9	0	ANNUAL	AREA	5
610959.43	4205931.03	3253.86521	9	9	0	ANNUAL	AREA	5
610966.43	4205931.03	3157.85288	9	9	0	ANNUAL	AREA	5
610973.43	4205931.03	3068.04605	9	9	0	ANNUAL	AREA	5
611001.43	4205931.03	2758.52559	9	9	0	ANNUAL	AREA	5
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611015.43	4205931.03	2627.24573	9	9	0	ANNUAL	AREA	5
611022.43	4205931.03	2566.28469	9	9	0	ANNUAL	AREA	5
611029.43	4205931.03	2508.08569	9	9	0	ANNUAL	AREA	5
611036.43	4205931.03	2452.38203	9	9	0	ANNUAL	AREA	5
611043.43	4205931.03	2399.01208	9	9	0	ANNUAL	AREA	5
611050.43	4205931.03	2347.80057	9	9	0	ANNUAL	AREA	5
611057.43	4205931.03	2298.57251	9	9	0	ANNUAL	AREA	5

611064.43	4205931.03	2251.16624	9	9	0	ANNUAL	AREA	5
611071.43	4205931.03	2205.51905	9	9	0	ANNUAL	AREA	5
611078.43	4205931.03	2161.48127	9	9	0	ANNUAL	AREA	5
611085.43	4205931.03	2118.97399	9	9	0	ANNUAL	AREA	5
611092.43	4205931.03	2077.89109	9	9	0	ANNUAL	AREA	5
610294.43	4205938.03	8780.46207	13.72	13.72	0	ANNUAL	AREA	5
610301.43	4205938.03	9109.60124	13.72	13.72	0	ANNUAL	AREA	5
610308.43	4205938.03	9454.59116	13.72	13.72	0	ANNUAL	AREA	5
610315.43	4205938.03	9816.45877	13.72	13.72	0	ANNUAL	AREA	5
610322.43	4205938.03	10195.95748	13.72	13.72	0	ANNUAL	AREA	5
610329.43	4205938.03	10594.19273	13.72	13.72	0	ANNUAL	AREA	5
610336.43	4205938.03	11011.56805	13.73	13.73	0	ANNUAL	AREA	5
610343.43	4205938.03	11451.44833	13.71	13.71	0	ANNUAL	AREA	5
610350.43	4205938.03	11917.53403	13.62	13.62	0	ANNUAL	AREA	5
610357.43	4205938.03	12407.26985	13.53	13.53	0	ANNUAL	AREA	5
610364.43	4205938.03	12922.71705	13.43	13.43	0	ANNUAL	AREA	5
610371.43	4205938.03	13464.06807	13.34	13.34	0	ANNUAL	AREA	5
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610385.43	4205938.03	14632.86613	13.15	13.15	0	ANNUAL	AREA	5
610392.43	4205938.03	15263.66261	13.05	13.05	0	ANNUAL	AREA	5
610399.43	4205938.03	15926.62421	12.96	12.96	0	ANNUAL	AREA	5
610406.43	4205938.03	16625.23903	12.86	12.86	0	ANNUAL	AREA	5
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610427.43	4205938.03	18944.28674	12.62	12.62	0	ANNUAL	AREA	5
610434.43	4205938.03	19799.14736	12.55	12.55	0	ANNUAL	AREA	5
610441.43	4205938.03	20699.26748	12.48	12.48	0	ANNUAL	AREA	5
610448.43	4205938.03	21646.87547	12.41	12.41	0	ANNUAL	AREA	5
610455.43	4205938.03	22644.24413	12.34	12.34	0	ANNUAL	AREA	5
610462.43	4205938.03	23691.89372	12.27	12.27	0	ANNUAL	AREA	5
610469.43	4205938.03	24798.30231	12.2	12.2	0	ANNUAL	AREA	5
610476.43	4205938.03	25959.56198	12.13	12.13	0	ANNUAL	AREA	5
610483.43	4205938.03	27180.02301	12.06	12.06	0	ANNUAL	AREA	5
610490.43	4205938.03	28462.96368	11.98	11.98	0	ANNUAL	AREA	5
610504.43	4205938.03	31223.24925	11.79	11.79	0	ANNUAL	AREA	5
610511.43	4205938.03	32700.68537	11.69	11.69	0	ANNUAL	AREA	5
610518.43	4205938.03	34240.64479	11.6	11.6	0	ANNUAL	AREA	5
610525.43	4205938.03	35844.2857	11.5	11.5	0	ANNUAL	AREA	5
610532.43	4205938.03	37504.70815	11.41	11.41	0	ANNUAL	AREA	5
610539.43	4205938.03	39219.23423	11.31	11.31	0	ANNUAL	AREA	5
610546.43	4205938.03	40977.98772	11.21	11.21	0	ANNUAL	AREA	5
610553.43	4205938.03	42767.64627	11.12	11.12	0	ANNUAL	AREA	5
610560.43	4205938.03	44576.1212	11.02	11.02	0	ANNUAL	AREA	5
610567.43	4205938.03	46380.90195	10.93	10.93	0	ANNUAL	AREA	5
610574.43	4205938.03	48160.77979	10.83	10.83	0	ANNUAL	AREA	5
610581.43	4205938.03	49885.27682	10.74	10.74	0	ANNUAL	AREA	5
610588.43	4205938.03	51524.56492	10.64	10.64	0	ANNUAL	AREA	5
610595.43	4205938.03	53042.05804	10.54	10.54	0	ANNUAL	AREA	5
610602.43	4205938.03	54399.78788	10.45	10.45	0	ANNUAL	AREA	5
610609.43	4205938.03	55562.16488	10.35	10.35	0	ANNUAL	AREA	5
610616.43	4205938.03	56490.4061	10.26	10.26	0	ANNUAL	AREA	5
610623.43	4205938.03	57153.42127	10.16	10.16	0	ANNUAL	AREA	5
610630.43	4205938.03	57518.77439	10.07	10.07	0	ANNUAL	AREA	5
610637.43	4205938.03	57554.41638	9.99	9.99	0	ANNUAL	AREA	5
610644.43	4205938.03	57254.06641	9.97	9.97	0	ANNUAL	AREA	5
610651.43	4205938.03	56616.29283	9.95	9.95	0	ANNUAL	AREA	5
610672.43	4205938.03	52805.01681	9.89	9.89	0	ANNUAL	AREA	5
610679.43	4205938.03	50985.95753	9.86	9.86	0	ANNUAL	AREA	5
610686.43	4205938.03	48947.56644	9.84	9.84	0	ANNUAL	AREA	5
610693.43	4205938.03	46725.93254	9.82	9.82	0	ANNUAL	AREA	5
610700.43	4205938.03	44355.16193	9.8	9.8	0	ANNUAL	AREA	5
610707.43	4205938.03	41869.37991	9.78	9.78	0	ANNUAL	AREA	5
610714.43	4205938.03	39301.77564	9.72	9.72	0	ANNUAL	AREA	5
610721.43	4205938.03	36683.95911	9.64	9.64	0	ANNUAL	AREA	5
610728.43	4205938.03	34047.96372	9.57	9.57	0	ANNUAL	AREA	5
610735.43	4205938.03	31423.31766	9.5	9.5	0	ANNUAL	AREA	5
610742.43	4205938.03	28848.10504	9.42	9.42	0	ANNUAL	AREA	5
610749.43	4205938.03	26355.77665	9.35	9.35	0	ANNUAL	AREA	5
610756.43	4205938.03	23974.45942	9.27	9.27	0	ANNUAL	AREA	5
610763.43	4205938.03	21731.55481	9.2	9.2	0	ANNUAL	AREA	5
610770.43	4205938.03	19645.99388	9.12	9.12	0	ANNUAL	AREA	5
610777.43	4205938.03	17733.09687	9.05	9.05	0	ANNUAL	AREA	5
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610791.43	4205938.03	14448.29215	9	9	0	ANNUAL	AREA	5
610798.43	4205938.03	13069.7621	9	9	0	ANNUAL	AREA	5
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610840.43	4205938.03	7723.82276	9	9	0	ANNUAL	AREA	5
610847.43	4205938.03	7183.98783	9	9	0	ANNUAL	AREA	5
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610868.43	4205938.03	5925.05211	9	9	0	ANNUAL	AREA	5
610875.43	4205938.03	5598.11377	9	9	0	ANNUAL	AREA	5
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610917.43	4205938.03	4234.75229	9	9	0	ANNUAL	AREA	5
610924.43	4205938.03	4075.52743	9	9	0	ANNUAL	AREA	5
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610938.43	4205938.03	3794.78714	9	9	0	ANNUAL	AREA	5
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611001.43	4205938.03	2924.9548	9	9	0	ANNUAL	AREA	5
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611015.43	4205938.03	2785.43431	9	9	0	ANNUAL	AREA	5
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611064.43	4205938.03	2383.34331	9	9	0	ANNUAL	AREA	5
611092.43	4205938.03	2197.24368	9	9	0	ANNUAL	AREA	5
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610301.43	4205945.03	9088.76977	13.65	13.65	0	ANNUAL	AREA	5
610308.43	4205945.03	9436.67686	13.65	13.65	0	ANNUAL	AREA	5
610315.43	4205945.03	9801.73588	13.65	13.65	0	ANNUAL	AREA	5
610322.43	4205945.03	10185.05274	13.65	13.65	0	ANNUAL	AREA	5
610329.43	4205945.03	10587.61353	13.65	13.65	0	ANNUAL	AREA	5
610336.43	4205945.03	11010.55909	13.65	13.65	0	ANNUAL	AREA	5
610343.43	4205945.03	11455.54108	13.64	13.64	0	ANNUAL	AREA	5
610350.43	4205945.03	11928.7258	13.54	13.54	0	ANNUAL	AREA	5
610357.43	4205945.03	12425.99137	13.45	13.45	0	ANNUAL	AREA	5
610364.43	4205945.03	12949.85395	13.35	13.35	0	ANNUAL	AREA	5
610371.43	4205945.03	13500.80626	13.26	13.26	0	ANNUAL	AREA	5
610378.43	4205945.03	14081.62005	13.16	13.16	0	ANNUAL	AREA	5
610385.43	4205945.03	14692.7046	13.07	13.07	0	ANNUAL	AREA	5
610392.43	4205945.03	15336.49945	12.98	12.98	0	ANNUAL	AREA	5
610399.43	4205945.03	16015.89078	12.88	12.88	0	ANNUAL	AREA	5
610406.43	4205945.03	16731.19143	12.79	12.79	0	ANNUAL	AREA	5
610413.43	4205945.03	17486.34581	12.69	12.69	0	ANNUAL	AREA	5
610420.43	4205945.03	18279.88786	12.62	12.62	0	ANNUAL	AREA	5
610427.43	4205945.03	19116.00368	12.56	12.56	0	ANNUAL	AREA	5
610434.43	4205945.03	19999.01771	12.49	12.49	0	ANNUAL	AREA	5
610441.43	4205945.03	20929.64571	12.43	12.43	0	ANNUAL	AREA	5
610448.43	4205945.03	21911.71462	12.37	12.37	0	ANNUAL	AREA	5
610455.43	4205945.03	22949.19982	12.3	12.3	0	ANNUAL	AREA	5
610462.43	4205945.03	24042.97308	12.24	12.24	0	ANNUAL	AREA	5
610469.43	4205945.03	25197.1994	12.18	12.18	0	ANNUAL	AREA	5
610476.43	4205945.03	26416.36943	12.11	12.11	0	ANNUAL	AREA	5
610483.43	4205945.03	27700.94582	12.05	12.05	0	ANNUAL	AREA	5
610490.43	4205945.03	29056.77439	11.98	11.98	0	ANNUAL	AREA	5
610504.43	4205945.03	31997.17415	11.79	11.79	0	ANNUAL	AREA	5
610511.43	4205945.03	33583.39225	11.69	11.69	0	ANNUAL	AREA	5
610518.43	4205945.03	35246.56243	11.6	11.6	0	ANNUAL	AREA	5
610525.43	4205945.03	36990.03257	11.5	11.5	0	ANNUAL	AREA	5
610532.43	4205945.03	38810.1879	11.4	11.4	0	ANNUAL	AREA	5
610539.43	4205945.03	40701.63411	11.31	11.31	0	ANNUAL	AREA	5
610546.43	4205945.03	42660.91376	11.21	11.21	0	ANNUAL	AREA	5
610553.43	4205945.03	44674.1852	11.12	11.12	0	ANNUAL	AREA	5
610560.43	4205945.03	46730.37889	11.02	11.02	0	ANNUAL	AREA	5
610567.43	4205945.03	48806.28086	10.93	10.93	0	ANNUAL	AREA	5
610574.43	4205945.03	50879.46503	10.83	10.83	0	ANNUAL	AREA	5
610581.43	4205945.03	52916.80416	10.73	10.73	0	ANNUAL	AREA	5
610588.43	4205945.03	54879.31951	10.64	10.64	0	ANNUAL	AREA	5
610595.43	4205945.03	56727.1652	10.54	10.54	0	ANNUAL	AREA	5
610602.43	4205945.03	58411.7062	10.45	10.45	0	ANNUAL	AREA	5
610609.43	4205945.03	59887.67965	10.35	10.35	0	ANNUAL	AREA	5
610616.43	4205945.03	61105.42136	10.26	10.26	0	ANNUAL	AREA	5
610623.43	4205945.03	62022.99478	10.16	10.16	0	ANNUAL	AREA	5
610630.43	4205945.03	62597.77213	10.07	10.07	0	ANNUAL	AREA	5
610637.43	4205945.03	62788.25963	9.99	9.99	0	ANNUAL	AREA	5
610644.43	4205945.03	62582.06575	9.96	9.96	0	ANNUAL	AREA	5
610651.43	4205945.03	61975.14629	9.93	9.93	0	ANNUAL	AREA	5
610658.43	4205945.03	60976.68397	9.9	9.9	0	ANNUAL	AREA	5
610679.43	4205945.03	55909.18721	9.82	9.82	0	ANNUAL	AREA	5
610686.43	4205945.03	53660.94145	9.79	9.79	0	ANNUAL	AREA	5
610693.43	4205945.03	51201.3981	9.76	9.76	0	ANNUAL	AREA	5
610700.43	4205945.03	48571.7233	9.74	9.74	0	ANNUAL	AREA	5
610707.43	4205945.03	45808.24273	9.71	9.71	0	ANNUAL	AREA	5
610714.43	4205945.03	42945.00309	9.65	9.65	0	ANNUAL	AREA	5
610721.43	4205945.03	40017.16838	9.58	9.58	0	ANNUAL	AREA	5
610728.43	4205945.03	37053.22355	9.51	9.51	0	ANNUAL	AREA	5
610735.43	4205945.03	34103.21522	9.45	9.45	0	ANNUAL	AREA	5
610742.43	4205945.03	31205.04265	9.38	9.38	0	ANNUAL	AREA	5
610749.43	4205945.03	28399.90347	9.31	9.31	0	ANNUAL	AREA	5
610756.43	4205945.03	25725.38039	9.24	9.24	0	ANNUAL	AREA	5
610763.43	4205945.03	23214.99695	9.18	9.18	0	ANNUAL	AREA	5
610770.43	4205945.03	20893.08017	9.11	9.11	0	ANNUAL	AREA	5
610777.43	4205945.03	18777.41929	9.04	9.04	0	ANNUAL	AREA	5
610784.43	4205945.03	16876.88673	9	9	0	ANNUAL	AREA	5
610791.43	4205945.03	15189.44986	9	9	0	ANNUAL	AREA	5
610798.43	4205945.03	13704.58425	9	9	0	ANNUAL	AREA	5
610805.43	4205945.03	12407.49647	9	9	0	ANNUAL	AREA	5
610812.43	4205945.03	11280.45882	9	9	0	ANNUAL	AREA	5
610819.43	4205945.03	10303.36116	9	9	0	ANNUAL	AREA	5
610826.43	4205945.03	9457.08135	9	9	0	ANNUAL	AREA	5
610833.43	4205945.03	8723.1025	9	9	0	ANNUAL	AREA	5
610840.43	4205945.03	8085.14726	9	9	0	ANNUAL	AREA	5
610847.43	4205945.03	7528.75877	9	9	0	ANNUAL	AREA	5
610854.43	4205945.03	7041.49567	9	9	0	ANNUAL	AREA	5
610861.43	4205945.03	6612.94352	9	9	0	ANNUAL	AREA	5
610868.43	4205945.03	6234.4084	9	9	0	ANNUAL	AREA	5
610875.43	4205945.03	5898.42433	9	9	0	ANNUAL	AREA	5
610882.43	4205945.03	5598.88719	9	9	0	ANNUAL	AREA	5
610910.43	4205945.03	4672.31227	9	9	0	ANNUAL	AREA	5
610917.43	4205945.03	4491.41679	9	9	0	ANNUAL	AREA	5
610924.43	4205945.03	4325.67346	9	9	0	ANNUAL	AREA	5
610931.43	4205945.03	4173.26084	9	9	0	ANNUAL	AREA	5
610938.43	4205945.03	4032.45649	9	9	0	ANNUAL	AREA	5

610945.43	4205945.03	3901.85506	9	9	0	ANNUAL	AREA	S
610952.43	4205945.03	3780.3005	9	9	0	ANNUAL	AREA	S
610959.43	4205945.03	3666.74321	9	9	0	ANNUAL	AREA	S
610966.43	4205945.03	3560.29241	9	9	0	ANNUAL	AREA	S
610973.43	4205945.03	3460.20742	9	9	0	ANNUAL	AREA	S
611001.43	4205945.03	3111.75144	9	9	0	ANNUAL	AREA	S
611008.43	4205945.03	3035.21111	9	9	0	ANNUAL	AREA	S
611015.43	4205945.03	2962.22379	9	9	0	ANNUAL	AREA	S
611022.43	4205945.03	2892.45513	9	9	0	ANNUAL	AREA	S
611029.43	4205945.03	2825.68373	9	9	0	ANNUAL	AREA	S
611036.43	4205945.03	2761.62116	9	9	0	ANNUAL	AREA	S
611043.43	4205945.03	2700.12261	9	9	0	ANNUAL	AREA	S
611050.43	4205945.03	2640.98273	9	9	0	ANNUAL	AREA	S
611057.43	4205945.03	2584.05891	9	9	0	ANNUAL	AREA	S
611064.43	4205945.03	2529.19011	9	9	0	ANNUAL	AREA	S
611092.43	4205945.03	2328.12195	9	9	0	ANNUAL	AREA	S
610294.43	4205952.03	8728.98785	13.57	13.57	0	ANNUAL	AREA	S
610301.43	4205952.03	9062.66675	13.57	13.57	0	ANNUAL	AREA	S
610308.43	4205952.03	9412.93043	13.57	13.57	0	ANNUAL	AREA	S
610315.43	4205952.03	9780.97239	13.57	13.57	0	ANNUAL	AREA	S
610322.43	4205952.03	10167.60646	13.57	13.57	0	ANNUAL	AREA	S
610329.43	4205952.03	10574.06635	13.57	13.57	0	ANNUAL	AREA	S
610336.43	4205952.03	11001.4165	13.57	13.57	0	ANNUAL	AREA	S
610343.43	4205952.03	11451.61145	13.56	13.56	0	ANNUAL	AREA	S
610350.43	4205952.03	11930.15407	13.47	13.47	0	ANNUAL	AREA	S
610357.43	4205952.03	12434.88317	13.37	13.37	0	ANNUAL	AREA	S
610364.43	4205952.03	12966.02289	13.28	13.28	0	ANNUAL	AREA	S
610371.43	4205952.03	13526.42723	13.18	13.18	0	ANNUAL	AREA	S
610378.43	4205952.03	14116.64308	13.09	13.09	0	ANNUAL	AREA	S
610385.43	4205952.03	14739.90499	12.99	12.99	0	ANNUAL	AREA	S
610392.43	4205952.03	15396.70131	12.9	12.9	0	ANNUAL	AREA	S
610399.43	4205952.03	16090.73145	12.8	12.8	0	ANNUAL	AREA	S
610406.43	4205952.03	16822.7033	12.71	12.71	0	ANNUAL	AREA	S
610413.43	4205952.03	17596.6925	12.61	12.61	0	ANNUAL	AREA	S
610420.43	4205952.03	18410.42868	12.55	12.55	0	ANNUAL	AREA	S
610427.43	4205952.03	19270.2749	12.49	12.49	0	ANNUAL	AREA	S
610434.43	4205952.03	20178.10502	12.44	12.44	0	ANNUAL	AREA	S
610441.43	4205952.03	21139.1192	12.38	12.38	0	ANNUAL	AREA	S
610448.43	4205952.03	22154.34091	12.33	12.33	0	ANNUAL	AREA	S
610455.43	4205952.03	23229.53301	12.27	12.27	0	ANNUAL	AREA	S
610462.43	4205952.03	24367.39967	12.21	12.21	0	ANNUAL	AREA	S
610469.43	4205952.03	25570.14976	12.16	12.16	0	ANNUAL	AREA	S
610476.43	4205952.03	26844.67927	12.1	12.1	0	ANNUAL	AREA	S
610483.43	4205952.03	28193.73897	12.04	12.04	0	ANNUAL	AREA	S
610490.43	4205952.03	29621.61347	11.98	11.98	0	ANNUAL	AREA	S
610504.43	4205952.03	32742.21181	11.79	11.79	0	ANNUAL	AREA	S
610511.43	4205952.03	34438.54412	11.69	11.69	0	ANNUAL	AREA	S
610518.43	4205952.03	36229.2958	11.59	11.59	0	ANNUAL	AREA	S
610525.43	4205952.03	38115.04655	11.5	11.5	0	ANNUAL	AREA	S
610532.43	4205952.03	40100.13736	11.4	11.4	0	ANNUAL	AREA	S
610539.43	4205952.03	42179.67728	11.31	11.31	0	ANNUAL	AREA	S
610546.43	4205952.03	44353.34645	11.21	11.21	0	ANNUAL	AREA	S
610553.43	4205952.03	46609.6109	11.12	11.12	0	ANNUAL	AREA	S
610560.43	4205952.03	48939.36725	11.02	11.02	0	ANNUAL	AREA	S
610567.43	4205952.03	51321.60449	10.92	10.92	0	ANNUAL	AREA	S
610574.43	4205952.03	53728.80241	10.83	10.83	0	ANNUAL	AREA	S
610581.43	4205952.03	56129.40597	10.73	10.73	0	ANNUAL	AREA	S
610588.43	4205952.03	58477.31733	10.64	10.64	0	ANNUAL	AREA	S
610595.43	4205952.03	60724.77162	10.54	10.54	0	ANNUAL	AREA	S
610602.43	4205952.03	62811.35834	10.45	10.45	0	ANNUAL	AREA	S
610609.43	4205952.03	64679.02151	10.35	10.35	0	ANNUAL	AREA	S
610616.43	4205952.03	66263.63864	10.26	10.26	0	ANNUAL	AREA	S
610623.43	4205952.03	67509.4028	10.16	10.16	0	ANNUAL	AREA	S
610630.43	4205952.03	68360.1964	10.06	10.06	0	ANNUAL	AREA	S
610637.43	4205952.03	68760.10228	9.99	9.99	0	ANNUAL	AREA	S
610644.43	4205952.03	68688.14645	9.95	9.95	0	ANNUAL	AREA	S
610651.43	4205952.03	68135.76617	9.92	9.92	0	ANNUAL	AREA	S
610658.43	4205952.03	67112.82857	9.88	9.88	0	ANNUAL	AREA	S
610686.43	4205952.03	59103.25456	9.74	9.74	0	ANNUAL	AREA	S
610693.43	4205952.03	56376.88719	9.7	9.7	0	ANNUAL	AREA	S
610700.43	4205952.03	53458.28125	9.67	9.67	0	ANNUAL	AREA	S
610707.43	4205952.03	50383.27223	9.63	9.63	0	ANNUAL	AREA	S
610714.43	4205952.03	47186.08905	9.58	9.58	0	ANNUAL	AREA	S
610721.43	4205952.03	43892.5831	9.52	9.52	0	ANNUAL	AREA	S
610728.43	4205952.03	40555.07103	9.46	9.46	0	ANNUAL	AREA	S
610735.43	4205952.03	37219.73414	9.4	9.4	0	ANNUAL	AREA	S
610742.43	4205952.03	33936.96615	9.34	9.34	0	ANNUAL	AREA	S
610749.43	4205952.03	30758.17626	9.28	9.28	0	ANNUAL	AREA	S
610756.43	4205952.03	27731.88917	9.22	9.22	0	ANNUAL	AREA	S
610763.43	4205952.03	24901.39821	9.16	9.16	0	ANNUAL	AREA	S
610770.43	4205952.03	22299.61939	9.1	9.1	0	ANNUAL	AREA	S
610777.43	4205952.03	19947.63655	9.04	9.04	0	ANNUAL	AREA	S
610784.43	4205952.03	17854.09829	9	9	0	ANNUAL	AREA	S
610791.43	4205952.03	16014.73678	9	9	0	ANNUAL	AREA	S
610798.43	4205952.03	14413.34346	9	9	0	ANNUAL	AREA	S
610805.43	4205952.03	13028.56598	9	9	0	ANNUAL	AREA	S
610812.43	4205952.03	11836.25232	9	9	0	ANNUAL	AREA	S
610819.43	4205952.03	10810.45912	9	9	0	ANNUAL	AREA	S
610826.43	4205952.03	9927.786	9	9	0	ANNUAL	AREA	S
610833.43	4205952.03	9165.92416	9	9	0	ANNUAL	AREA	S
610840.43	4205952.03	8505.96279	9	9	0	ANNUAL	AREA	S
610847.43	4205952.03	7931.59861	9	9	0	ANNUAL	AREA	S
610854.43	4205952.03	7429.23628	9	9	0	ANNUAL	AREA	S
610861.43	4205952.03	6987.6563	9	9	0	ANNUAL	AREA	S
610868.43	4205952.03	6597.30967	9	9	0	ANNUAL	AREA	S
610875.43	4205952.03	6250.50662	9	9	0	ANNUAL	AREA	S
610910.43	4205952.03	4977.94993	9	9	0	ANNUAL	AREA	S
610917.43	4205952.03	4788.60304	9	9	0	ANNUAL	AREA	S
610924.43	4205952.03	4614.62346	9	9	0	ANNUAL	AREA	S
610931.43	4205952.03	4454.0356	9	9	0	ANNUAL	AREA	S
610938.43	4205952.03	4305.30057	9	9	0	ANNUAL	AREA	S
610945.43	4205952.03	4166.97898	9	9	0	ANNUAL	AREA	S
610952.43	4205952.03	4037.87647	9	9	0	ANNUAL	AREA	S
610959.43	4205952.03	3916.9208	9	9	0	ANNUAL	AREA	S
610966.43	4205952.03	3803.28884	9	9	0	ANNUAL	AREA	S
610973.43	4205952.03	3696.20864	9	9	0	ANNUAL	AREA	S
611001.43	4205952.03	3321.38688	9	9	0	ANNUAL	AREA	S
611008.43	4205952.03	3238.74293	9	9	0	ANNUAL	AREA	S
611015.43	4205952.03	3159.7899	9	9	0	ANNUAL	AREA	S
611022.43	4205952.03	3084.27002	9	9	0	ANNUAL	AREA	S
611029.43	4205952.03	3011.88483	9	9	0	ANNUAL	AREA	S
611036.43	4205952.03	2942.42865	9	9	0	ANNUAL	AREA	S
611043.43	4205952.03	2875.70652	9	9	0	ANNUAL	AREA	S
611050.43	4205952.03	2811.49449	9	9	0	ANNUAL	AREA	S
611057.43	4205952.03	2749.67236	9	9	0	ANNUAL	AREA	S
611064.43	4205952.03	2690.0662	9	9	0	ANNUAL	AREA	S
611092.43	4205952.03	2471.59922	9	9	0	ANNUAL	AREA	S
610294.43	4205959.03	8695.43548	13.49	13.49	0	ANNUAL	AREA	S
610301.43	4205959.03	9030.78286	13.49	13.49	0	ANNUAL	AREA	S
610308.43	4205959.03	9383.19268	13.49	13.49	0	ANNUAL	AREA	S
610315.43	4205959.03	9753.0729	13.5	13.5	0	ANNUAL	AREA	S
610322.43	4205959.03	10142.60896	13.5	13.5	0	ANNUAL	AREA	S
610329.43	4205959.03	10552.40287	13.5	13.5	0	ANNUAL	AREA	S
610336.43	4205959.03	10983.74042	13.5	13.5	0	ANNUAL	AREA	S
610343.43	4205959.03	11439.06531	13.48	13.48	0	ANNUAL	AREA	S
610350.43	4205959.03	11923.07575	13.39	13.39	0	ANNUAL	AREA	S
610357.43	4205959.03	12434.00927	13.29	13.29	0	ANNUAL	AREA	S
610364.43	4205959.03	12972.23186	13.2	13.2	0	ANNUAL	AREA	S
610371.43	4205959.03	13540.1377	13.11	13.11	0	ANNUAL	AREA	S
610378.43	4205959.03	14140.37055	13.01	13.01	0	ANNUAL	AREA	S
610385.43	4205959.03	14773.47457	12.92	12.92	0	ANNUAL	AREA	S
610392.43	4205959.03	15443.17242	12.82	12.82	0	ANNUAL	AREA	S
610399.43	4205959.03	16150.13403	12.73	12.73	0	ANNUAL	AREA	S
610406.43	4205959.03	16898.54157	12.63	12.63	0	ANNUAL	AREA	S
610413.43	4205959.03	17689.29582	12.54	12.54	0	ANNUAL	AREA	S
610420.43	4205959.03	18522.99332	12.48	12.48	0	ANNUAL	AREA	S
610427.43	4205959.03	19404.52909	12.43	12.43	0	ANNUAL	AREA	S
610434.43	4205959.03	20337.81883	12.38	12.38	0	ANNUAL	AREA	S
610441.43	4205959.03	21326.81206	12.33	12.33	0	ANNUAL	AREA	S
610448.43	4205959.03	22374.90775	12.28	12.28	0	ANNUAL	AREA	S
610455.43	4205959.03	23486.26205	12.23	12.23	0	ANNUAL	AREA	S
610462.43	4205959.03	24663.88719	12.19	12.19	0	ANNUAL	AREA	S
610469.43	4205959.03	25915.00827	12.14	12.14	0	ANNUAL	AREA	S
610476.43	4205959.03	27243.20681	12.09	12.09	0	ANNUAL	AREA	S
610483.43	4205959.03	28653.64945	12.04	12.04	0	ANNUAL	AREA	S
610490.43	4205959.03	30153.52956	11.98	11.98	0	ANNUAL	AREA	S
610504.43	4205959.03	33454.56785	11.78	11.78	0	ANNUAL	AREA	S
610511.43	4205959.03	35259.1195	11.69	11.69	0	ANNUAL	AREA	S
610518.43	4205959.03	37176.92129	11.59	11.59	0	ANNUAL	AREA	S
610525.43	4205959.03	39209.34654	11.5	11.5	0	ANNUAL	AREA	S
610532.43	4205959.03	41364.1637	11.4	11.4	0	ANNUAL	AREA	S
610539.43	4205959.03	43639.72298	11.31	11.31	0	ANNUAL	AREA	S
610546.43	4205959.03	46040.03847	11.21	11.21	0	ANNUAL	AREA	S
610553.43	4205959.03	48559.06359	11.11	11.11	0	ANNUAL	AREA	S
610560.43	4205959.03	51185.63384	11.02	11.02	0	ANNUAL	AREA	S
610567.43	4205959.03	53907.52884	10.92	10.92	0	ANNUAL	AREA	S
610574.43	4205959.03	56695.92938	10.83	10.83	0	ANNUAL	AREA	S
610581.43	4205959.03	59518.71843	10.73	10.73	0	ANNUAL	AREA	S
610588.43	4205959.03	62324.12257	10.64	10.64	0	ANNUAL	AREA	S
610595.43	4205959.03	65055.02325	10.54	10.54	0	ANNUAL	AREA	S
610602.43	4205959.03	67637.74136	10.45	10.45	0	ANNUAL	AREA	S
610609.43	4205959.03	69996.89324	10.35	10.35	0	ANNUAL	AREA	S
610616.43	4205959.03	72050.76043	10.25	10.25	0	ANNUAL	AREA	S
610623.43	4205959.03	73719.61379	10.16	10.16	0	ANNUAL	AREA	S
610630.43	4205959.03	74934.05898	10.06	10.06	0	ANNUAL	AREA	S
610637.43	4205959.03	75618.34952	9.98	9.98	0	ANNUAL	AREA	S
610644.43	4205959.03	75737.59357	9.94	9.94	0	ANNUAL	AREA	S
610651.43	4205959.03	75274.40273	9.9	9.9	0	ANNUAL	AREA	S
610658.43	4205959.03	74239.08413	9.85	9.85	0	ANNUAL	AREA	S
610686.43	4205959.03	69428.66049	9.68	9.68	0	ANNUAL	AREA	S
610693.43	4205959.03	67406.22448	9.64	9.64	0	ANNUAL	AREA	S
610700.43	4205959.03	59167.6309	9.6	9.6	0	ANNUAL	AREA	S
610707.43	4205959.03	55742.48129	9.56	9.56	0	ANNUAL	AREA	S
610714.43	4205959.03	52158.27133	9.51	9.51	0	ANNUAL	AREA	S
610721.43	4205959.03	48454.50378	9.45	9.45	0	ANNUAL	AREA	S
610728.43	4205959.03	44680.89293	9.4	9.4	0	ANNUAL	AREA	S
610735.43	4205959.03	40889.55806	9.35	9.35	0	ANNUAL	AREA	S
610742.43	4205959.03	37144.10587	9.3	9.3	0	ANNUAL	AREA	S
610749.43	4205959.03	33510.40006	9.24	9.24	0	ANNUAL	AREA	S
610756.43	4205959.03	30056.71378	9.19	9.19	0	ANNUAL	AREA	S
610763.43	4205959.03	26839.19207	9.14	9.14	0	ANNUAL	AREA	S
610770.43	4205959.03	23900.86355	9.08	9.08	0	ANNUAL	AREA	S
610777.43	4205959.03	21270.61922	9.03	9.03	0	ANNUAL	AREA	S
610784.43	4205959.03	18954.696	9	9	0	ANNUAL	AREA	S
610791.43	4205959.03	16944.67644	9	9	0	ANNUAL	AREA	S
610798.43	4205959.03	15215.50605	9	9	0	ANNUAL	AREA	S
610805.43	4205959.03	13737.18364	9	9	0	ANNUAL	AREA	S
610812.43	4205959.03	12475.83554	9	9	0	ANNUAL	AREA	S
610819.43	4205959.03	11399.47936	9	9	0	ANNUAL	AREA	S
610826.43	4205959.03	10478.65579	9	9	0	ANNUAL	AREA	S
610833.43	4205959.03	9687.18376	9	9	0	ANNUAL	AREA	S
610840.43	4205959.03	9003.24541	9	9	0	ANNUAL	AREA	S
610847.43	4205959.03	8408.83901	9	9	0	ANNUAL	AREA	S
610854.43	4205959.03	7889.01079	9	9	0	ANNUAL	AREA	S
610861.43	4205959.03	7431.76428	9	9	0	ANNUAL	AREA	S
610868.43	4205959.03	7027.0218	9	9	0	ANNUAL	AREA	S

610875.43	4205959.03	6666.72221	9	9	0	ANNUAL	AREA	5
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610910.43	4205959.03	5334.19888	9	9	0	ANNUAL	AREA	5
610917.43	4205959.03	5133.90863	9	9	0	ANNUAL	AREA	5
610924.43	4205959.03	4949.27746	9	9	0	ANNUAL	AREA	5
610931.43	4205959.03	4778.33371	9	9	0	ANNUAL	AREA	5
610938.43	4205959.03	4619.44116	9	9	0	ANNUAL	AREA	5
610945.43	4205959.03	4471.28449	9	9	0	ANNUAL	AREA	5
610952.43	4205959.03	4332.58903	9	9	0	ANNUAL	AREA	5
610959.43	4205959.03	4202.35514	9	9	0	ANNUAL	AREA	5
610966.43	4205959.03	4079.67464	9	9	0	ANNUAL	AREA	5
610973.43	4205959.03	3963.83041	9	9	0	ANNUAL	AREA	5
611001.43	4205959.03	3556.72364	9	9	0	ANNUAL	AREA	5
611008.43	4205959.03	3466.65706	9	9	0	ANNUAL	AREA	5
611015.43	4205959.03	3380.5507	9	9	0	ANNUAL	AREA	5
611022.43	4205959.03	3298.10684	9	9	0	ANNUAL	AREA	5
611029.43	4205959.03	3219.05584	9	9	0	ANNUAL	AREA	5
611036.43	4205959.03	3143.179	9	9	0	ANNUAL	AREA	5
611043.43	4205959.03	3070.23993	9	9	0	ANNUAL	AREA	5
611050.43	4205959.03	3000.12471	9	9	0	ANNUAL	AREA	5
611057.43	4205959.03	2932.54552	9	9	0	ANNUAL	AREA	5
611064.43	4205959.03	2867.42323	9	9	0	ANNUAL	AREA	5
611071.43	4205959.03	2804.60373	9	9	0	ANNUAL	AREA	5
611085.43	4205959.03	2685.42962	9	9	0	ANNUAL	AREA	5
611092.43	4205959.03	2628.83426	9	9	0	ANNUAL	AREA	5
610294.43	4205966.03	8656.19722	13.42	13.42	0	ANNUAL	AREA	5
610301.43	4205966.03	8992.82395	13.42	13.42	0	ANNUAL	AREA	5
610308.43	4205966.03	9346.80662	13.42	13.42	0	ANNUAL	AREA	5
610315.43	4205966.03	9719.2084	13.42	13.42	0	ANNUAL	AREA	5
610322.43	4205966.03	10111.14762	13.42	13.42	0	ANNUAL	AREA	5
610329.43	4205966.03	10523.85812	13.42	13.42	0	ANNUAL	AREA	5
610336.43	4205966.03	10958.58169	13.42	13.42	0	ANNUAL	AREA	5
610343.43	4205966.03	11417.3257	13.41	13.41	0	ANNUAL	AREA	5
610350.43	4205966.03	11906.67333	13.31	13.31	0	ANNUAL	AREA	5
610357.43	4205966.03	12422.54665	13.22	13.22	0	ANNUAL	AREA	5
610364.43	4205966.03	12967.85042	13.12	13.12	0	ANNUAL	AREA	5
610371.43	4205966.03	13543.17518	13.03	13.03	0	ANNUAL	AREA	5
610378.43	4205966.03	14151.94495	12.93	12.93	0	ANNUAL	AREA	5
610385.43	4205966.03	14794.82249	12.84	12.84	0	ANNUAL	AREA	5
610392.43	4205966.03	15475.72135	12.74	12.74	0	ANNUAL	AREA	5
610399.43	4205966.03	16195.46621	12.65	12.65	0	ANNUAL	AREA	5
610406.43	4205966.03	16957.51419	12.56	12.56	0	ANNUAL	AREA	5
610413.43	4205966.03	17765.87215	12.46	12.46	0	ANNUAL	AREA	5
610420.43	4205966.03	18617.23842	12.41	12.41	0	ANNUAL	AREA	5
610427.43	4205966.03	19520.04823	12.36	12.36	0	ANNUAL	AREA	5
610434.43	4205966.03	20476.56892	12.32	12.32	0	ANNUAL	AREA	5
610441.43	4205966.03	21491.7779	12.28	12.28	0	ANNUAL	AREA	5
610448.43	4205966.03	22569.94529	12.24	12.24	0	ANNUAL	AREA	5
610455.43	4205966.03	23715.63228	12.2	12.2	0	ANNUAL	AREA	5
610462.43	4205966.03	24933.74553	12.16	12.16	0	ANNUAL	AREA	5
610469.43	4205966.03	26229.87637	12.12	12.12	0	ANNUAL	AREA	5
610476.43	4205966.03	27611.20765	12.07	12.07	0	ANNUAL	AREA	5
610483.43	4205966.03	29081.00205	12.03	12.03	0	ANNUAL	AREA	5
610490.43	4205966.03	30651.04193	11.97	11.97	0	ANNUAL	AREA	5
610504.43	4205966.03	34125.36512	11.78	11.78	0	ANNUAL	AREA	5
610511.43	4205966.03	36038.5743	11.69	11.69	0	ANNUAL	AREA	5
610518.43	4205966.03	38082.89625	11.59	11.59	0	ANNUAL	AREA	5
610525.43	4205966.03	40262.67677	11.5	11.5	0	ANNUAL	AREA	5
610532.43	4205966.03	42589.79137	11.4	11.4	0	ANNUAL	AREA	5
610539.43	4205966.03	45069.18775	11.3	11.3	0	ANNUAL	AREA	5
610546.43	4205966.03	47703.28677	11.21	11.21	0	ANNUAL	AREA	5
610553.43	4205966.03	50498.44419	11.11	11.11	0	ANNUAL	AREA	5
610560.43	4205966.03	53447.04907	11.02	11.02	0	ANNUAL	AREA	5
610567.43	4205966.03	56542.78965	10.92	10.92	0	ANNUAL	AREA	5
610574.43	4205966.03	59760.51524	10.83	10.83	0	ANNUAL	AREA	5
610581.43	4205966.03	63070.34426	10.73	10.73	0	ANNUAL	AREA	5
610588.43	4205966.03	66416.62795	10.64	10.64	0	ANNUAL	AREA	5
610595.43	4205966.03	69733.99816	10.54	10.54	0	ANNUAL	AREA	5
610602.43	4205966.03	72933.05196	10.44	10.44	0	ANNUAL	AREA	5
610609.43	4205966.03	75910.90185	10.35	10.35	0	ANNUAL	AREA	5
610616.43	4205966.03	78564.1683	10.25	10.25	0	ANNUAL	AREA	5
610623.43	4205966.03	80784.43292	10.16	10.16	0	ANNUAL	AREA	5
610630.43	4205966.03	82479.58079	10.06	10.06	0	ANNUAL	AREA	5
610637.43	4205966.03	83548.64866	9.98	9.98	0	ANNUAL	AREA	5
610644.43	4205966.03	83942.51056	9.93	9.93	0	ANNUAL	AREA	5
610651.43	4205966.03	83622.14045	9.88	9.88	0	ANNUAL	AREA	5
610658.43	4205966.03	82593.91601	9.83	9.83	0	ANNUAL	AREA	5
610665.43	4205966.03	80902.78338	9.78	9.78	0	ANNUAL	AREA	5
610686.43	4205966.03	72839.97167	9.63	9.63	0	ANNUAL	AREA	5
610693.43	4205966.03	69485.14225	9.58	9.58	0	ANNUAL	AREA	5
610700.43	4205966.03	65882.64139	9.53	9.53	0	ANNUAL	AREA	5
610707.43	4205966.03	62069.7867	9.48	9.48	0	ANNUAL	AREA	5
610714.43	4205966.03	58067.34831	9.44	9.44	0	ANNUAL	AREA	5
610721.43	4205966.03	53898.66904	9.39	9.39	0	ANNUAL	AREA	5
610728.43	4205966.03	49614.90796	9.35	9.35	0	ANNUAL	AREA	5
610735.43	4205966.03	45275.43814	9.3	9.3	0	ANNUAL	AREA	5
610742.43	4205966.03	40966.74243	9.26	9.26	0	ANNUAL	AREA	5
610749.43	4205966.03	36773.76451	9.21	9.21	0	ANNUAL	AREA	5
610756.43	4205966.03	32789.30255	9.16	9.16	0	ANNUAL	AREA	5
610763.43	4205966.03	29094.51726	9.12	9.12	0	ANNUAL	AREA	5
610770.43	4205966.03	25747.504	9.07	9.07	0	ANNUAL	AREA	5
610777.43	4205966.03	22784.99846	9.03	9.03	0	ANNUAL	AREA	5
610784.43	4205966.03	20210.19608	9	9	0	ANNUAL	AREA	5
610791.43	4205966.03	18007.83898	9	9	0	ANNUAL	AREA	5
610798.43	4205966.03	16139.37679	9	9	0	ANNUAL	AREA	5
610805.43	4205966.03	14560.20678	9	9	0	ANNUAL	AREA	5
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610819.43	4205966.03	12096.56267	9	9	0	ANNUAL	AREA	5
610826.43	4205966.03	11134.79639	9	9	0	ANNUAL	AREA	5
610833.43	4205966.03	10310.82819	9	9	0	ANNUAL	AREA	5
610840.43	4205966.03	9599.72186	9	9	0	ANNUAL	AREA	5
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610854.43	4205966.03	8440.42092	9	9	0	ANNUAL	AREA	5
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610910.43	4205966.03	5750.71938	9	9	0	ANNUAL	AREA	5
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610924.43	4205966.03	5337.59877	9	9	0	ANNUAL	AREA	5
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610938.43	4205966.03	4981.44084	9	9	0	ANNUAL	AREA	5
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611029.43	4205966.03	3449.42463	9	9	0	ANNUAL	AREA	5
611036.43	4205966.03	3365.94205	9	9	0	ANNUAL	AREA	5
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611064.43	4205966.03	3062.71235	9	9	0	ANNUAL	AREA	5
611071.43	4205966.03	2993.71979	9	9	0	ANNUAL	AREA	5
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610294.43	4205973.03	8612.07024	13.34	13.34	0	ANNUAL	AREA	5
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610308.43	4205973.03	9304.84824	13.34	13.34	0	ANNUAL	AREA	5
610315.43	4205973.03	9678.86753	13.34	13.34	0	ANNUAL	AREA	5
610322.43	4205973.03	10072.19457	13.35	13.35	0	ANNUAL	AREA	5
610329.43	4205973.03	10487.25752	13.35	13.35	0	ANNUAL	AREA	5
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610343.43	4205973.03	11387.594	13.33	13.33	0	ANNUAL	AREA	5
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610357.43	4205973.03	12401.82341	13.14	13.14	0	ANNUAL	AREA	5
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610378.43	4205973.03	14150.51017	12.86	12.86	0	ANNUAL	AREA	5
610385.43	4205973.03	14803.0816	12.76	12.76	0	ANNUAL	AREA	5
610392.43	4205973.03	15493.30454	12.67	12.67	0	ANNUAL	AREA	5
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610448.43	4205973.03	22739.81048	12.2	12.2	0	ANNUAL	AREA	5
610455.43	4205973.03	23919.22193	12.16	12.16	0	ANNUAL	AREA	5
610462.43	4205973.03	25174.5498	12.13	12.13	0	ANNUAL	AREA	5
610469.43	4205973.03	26513.27034	12.1	12.1	0	ANNUAL	AREA	5
610476.43	4205973.03	27943.73637	12.06	12.06	0	ANNUAL	AREA	5
610483.43	4205973.03	29470.12541	12.03	12.03	0	ANNUAL	AREA	5
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610525.43	4205973.03	41267.50427	11.49	11.49	0	ANNUAL	AREA	5
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610539.43	4205973.03	46447.86369	11.3	11.3	0	ANNUAL	AREA	5
610546.43	4205973.03	49323.61506	11.21	11.21	0	ANNUAL	AREA	5
610553.43	4205973.03	52406.36409	11.11	11.11	0	ANNUAL	AREA	5
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610567.43	4205973.03	59197.40605	10.92	10.92	0	ANNUAL	AREA	5
610574.43	4205973.03	62892.27259	10.83	10.83	0	ANNUAL	AREA	5
610581.43	4205973.03	66758.26282	10.73	10.73	0	ANNUAL	AREA	5
610588.43	4205973.03	70743.20023	10.63	10.63	0	ANNUAL	AREA	5
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610623.43	4205973.03	88867.56673	10.16	10.16	0	ANNUAL	AREA	5
610630.43	4205973.03	91199.6584	10.06	10.06	0	ANNUAL	AREA	5
610637.43	4205973.03	92790.23096	9.98	9.98	0	ANNUAL	AREA	5
610644.43	4205973.03	93577.62969	9.92	9.92	0	ANNUAL	AREA	5
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610658.43	4205973.03	92500.97523	9.8	9.8	0	ANNUAL	AREA	5
610665.43	4205973.03	90677.19747	9.75	9.75	0	ANNUAL	AREA	5
610686.43	4205973.03	81595.21835	9.58	9.58	0	ANNUAL	AREA	5
610693.43	4205973.03	77848.32715	9.52	9.52	0	ANNUAL	AREA	5
610700.43	4205973.03	73866.09754	9.46	9.46	0	ANNUAL	AREA	5
610707.43	4205973.03	69645.75437	9.41	9.41	0	ANNUAL	AREA	5
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610721.43	4205973.03	60486.98223	9.33	9.33	0	ANNUAL	AREA	5
610728.43	4205973.03	55604.04429	9.29	9.29	0	ANNUAL	AREA	5
610735.43	4205973.03	50607.66333	9.25	9.25	0	ANNUAL	AREA	5
610742.43	4205973.03	45604.38919	9.22	9.22	0	ANNUAL	AREA	5
610749.43	4205973.03	40710.10726	9.18	9.18	0	ANNUAL	AREA	5
610756.43	4205973.03	36056.41153	9.14	9.14	0	ANNUAL	AREA	5

610763.43	4205973.03	31759.61292	9.1	9.1	0	ANNUAL	AREA	S
610770.43	4205973.03	27905.76323	9.06	9.06	0	ANNUAL	AREA	S
610777.43	4205973.03	24540.73313	9.02	9.02	0	ANNUAL	AREA	S
610784.43	4205973.03	21665.64066	9	9	0	ANNUAL	AREA	S
610791.43	4205973.03	19246.49208	9	9	0	ANNUAL	AREA	S
610798.43	4205973.03	17224.12046	9	9	0	ANNUAL	AREA	S
610805.43	4205973.03	15537.41471	9	9	0	ANNUAL	AREA	S
610812.43	4205973.03	14126.16597	9	9	0	ANNUAL	AREA	S
610819.43	4205973.03	12938.80228	9	9	0	ANNUAL	AREA	S
610826.43	4205973.03	11931.27332	9	9	0	ANNUAL	AREA	S
610833.43	4205973.03	11069.19929	9	9	0	ANNUAL	AREA	S
610840.43	4205973.03	10324.98634	9	9	0	ANNUAL	AREA	S
610847.43	4205973.03	9677.09017	9	9	0	ANNUAL	AREA	S
610854.43	4205973.03	9108.50453	9	9	0	ANNUAL	AREA	S
610861.43	4205973.03	8605.52473	9	9	0	ANNUAL	AREA	S
610868.43	4205973.03	8157.5735	9	9	0	ANNUAL	AREA	S
610875.43	4205973.03	7756.00047	9	9	0	ANNUAL	AREA	S
610882.43	4205973.03	7393.82035	9	9	0	ANNUAL	AREA	S
610889.43	4205973.03	7065.29909	9	9	0	ANNUAL	AREA	S
610896.43	4205973.03	6765.70196	9	9	0	ANNUAL	AREA	S
610903.43	4205973.03	6491.28912	9	9	0	ANNUAL	AREA	S
610910.43	4205973.03	6238.75331	9	9	0	ANNUAL	AREA	S
610917.43	4205973.03	6005.32836	9	9	0	ANNUAL	AREA	S
610924.43	4205973.03	5788.72408	9	9	0	ANNUAL	AREA	S
610931.43	4205973.03	5586.96725	9	9	0	ANNUAL	AREA	S
610938.43	4205973.03	5398.4523	9	9	0	ANNUAL	AREA	S
610945.43	4205973.03	5221.76875	9	9	0	ANNUAL	AREA	S
610952.43	4205973.03	5055.69331	9	9	0	ANNUAL	AREA	S
610959.43	4205973.03	4899.12959	9	9	0	ANNUAL	AREA	S
610966.43	4205973.03	4751.19776	9	9	0	ANNUAL	AREA	S
610973.43	4205973.03	4611.07607	9	9	0	ANNUAL	AREA	S
611001.43	4205973.03	4116.54734	9	9	0	ANNUAL	AREA	S
611008.43	4205973.03	4006.86577	9	9	0	ANNUAL	AREA	S
611015.43	4205973.03	3901.93517	9	9	0	ANNUAL	AREA	S
611022.43	4205973.03	3801.49649	9	9	0	ANNUAL	AREA	S
611029.43	4205973.03	3705.18802	9	9	0	ANNUAL	AREA	S
611036.43	4205973.03	3612.78183	9	9	0	ANNUAL	AREA	S
611043.43	4205973.03	3524.02339	9	9	0	ANNUAL	AREA	S
611050.43	4205973.03	3438.70449	9	9	0	ANNUAL	AREA	S
611057.43	4205973.03	3356.63174	9	9	0	ANNUAL	AREA	S
611064.43	4205973.03	3277.57809	9	9	0	ANNUAL	AREA	S
611071.43	4205973.03	3201.4221	9	9	0	ANNUAL	AREA	S
611092.43	4205973.03	2988.89801	9	9	0	ANNUAL	AREA	S
610294.43	4205980.03	8562.49226	13.27	13.27	0	ANNUAL	AREA	S
610301.43	4205980.03	8900.53931	13.27	13.27	0	ANNUAL	AREA	S
610308.43	4205980.03	9256.59244	13.27	13.27	0	ANNUAL	AREA	S
610315.43	4205980.03	9631.58595	13.27	13.27	0	ANNUAL	AREA	S
610322.43	4205980.03	10026.94752	13.27	13.27	0	ANNUAL	AREA	S
610329.43	4205980.03	10443.82685	13.27	13.27	0	ANNUAL	AREA	S
610336.43	4205980.03	10883.70397	13.27	13.27	0	ANNUAL	AREA	S
610343.43	4205980.03	11349.29825	13.25	13.25	0	ANNUAL	AREA	S
610350.43	4205980.03	11845.71439	13.16	13.16	0	ANNUAL	AREA	S
610357.43	4205980.03	12371.28687	13.06	13.06	0	ANNUAL	AREA	S
610364.43	4205980.03	12926.56654	12.97	12.97	0	ANNUAL	AREA	S
610371.43	4205980.03	13515.09499	12.87	12.87	0	ANNUAL	AREA	S
610378.43	4205980.03	14137.6349	12.78	12.78	0	ANNUAL	AREA	S
610385.43	4205980.03	14797.24485	12.69	12.69	0	ANNUAL	AREA	S
610392.43	4205980.03	15497.59891	12.59	12.59	0	ANNUAL	AREA	S
610399.43	4205980.03	16239.67366	12.5	12.5	0	ANNUAL	AREA	S
610406.43	4205980.03	17018.48896	12.4	12.4	0	ANNUAL	AREA	S
610413.43	4205980.03	17865.34837	12.31	12.31	0	ANNUAL	AREA	S
610420.43	4205980.03	18750.40138	12.26	12.26	0	ANNUAL	AREA	S
610427.43	4205980.03	19688.19042	12.24	12.24	0	ANNUAL	AREA	S
610434.43	4205980.03	20687.10876	12.21	12.21	0	ANNUAL	AREA	S
610441.43	4205980.03	21751.1116	12.18	12.18	0	ANNUAL	AREA	S
610448.43	4205980.03	22883.73337	12.16	12.16	0	ANNUAL	AREA	S
610455.43	4205980.03	24093.38326	12.13	12.13	0	ANNUAL	AREA	S
610462.43	4205980.03	25384.99012	12.1	12.1	0	ANNUAL	AREA	S
610469.43	4205980.03	26763.82847	12.08	12.08	0	ANNUAL	AREA	S
610476.43	4205980.03	28240.59253	12.05	12.05	0	ANNUAL	AREA	S
610483.43	4205980.03	29822.26844	12.02	12.02	0	ANNUAL	AREA	S
610490.43	4205980.03	31522.05563	11.97	11.97	0	ANNUAL	AREA	S
610504.43	4205980.03	35328.44354	11.78	11.78	0	ANNUAL	AREA	S
610511.43	4205980.03	37452.45308	11.68	11.68	0	ANNUAL	AREA	S
610518.43	4205980.03	39739.50163	11.59	11.59	0	ANNUAL	AREA	S
610525.43	4205980.03	42210.07047	11.49	11.49	0	ANNUAL	AREA	S
610532.43	4205980.03	44876.3994	11.4	11.4	0	ANNUAL	AREA	S
610539.43	4205980.03	47762.2026	11.3	11.3	0	ANNUAL	AREA	S
610546.43	4205980.03	50880.96147	11.21	11.21	0	ANNUAL	AREA	S
610553.43	4205980.03	54257.19741	11.11	11.11	0	ANNUAL	AREA	S
610560.43	4205980.03	57902.01546	11.02	11.02	0	ANNUAL	AREA	S
610567.43	4205980.03	61833.51369	10.92	10.92	0	ANNUAL	AREA	S
610574.43	4205980.03	66051.67469	10.82	10.82	0	ANNUAL	AREA	S
610581.43	4205980.03	70540.07204	10.73	10.73	0	ANNUAL	AREA	S
610588.43	4205980.03	75265.80946	10.63	10.63	0	ANNUAL	AREA	S
610595.43	4205980.03	80146.70742	10.54	10.54	0	ANNUAL	AREA	S
610602.43	4205980.03	85065.97585	10.44	10.44	0	ANNUAL	AREA	S
610609.43	4205980.03	89845.49606	10.35	10.35	0	ANNUAL	AREA	S
610616.43	4205980.03	94286.84928	10.25	10.25	0	ANNUAL	AREA	S
610623.43	4205980.03	98183.67581	10.15	10.15	0	ANNUAL	AREA	S
610630.43	4205980.03	101344.8736	10.06	10.06	0	ANNUAL	AREA	S
610637.43	4205980.03	103642.9279	9.97	9.97	0	ANNUAL	AREA	S
610644.43	4205980.03	104980.0636	9.91	9.91	0	ANNUAL	AREA	S
610651.43	4205980.03	105290.6724	9.84	9.84	0	ANNUAL	AREA	S
610658.43	4205980.03	104431.4825	9.78	9.78	0	ANNUAL	AREA	S
610665.43	4205980.03	102447.8293	9.71	9.71	0	ANNUAL	AREA	S
610686.43	4205980.03	91983.32527	9.52	9.52	0	ANNUAL	AREA	S
610693.43	4205980.03	87843.74271	9.46	9.46	0	ANNUAL	AREA	S
610700.43	4205980.03	83475.96797	9.39	9.39	0	ANNUAL	AREA	S
610707.43	4205980.03	78829.03138	9.33	9.33	0	ANNUAL	AREA	S
610714.43	4205980.03	73876.75983	9.3	9.3	0	ANNUAL	AREA	S
610721.43	4205980.03	68591.86172	9.27	9.27	0	ANNUAL	AREA	S
610728.43	4205980.03	63014.75133	9.24	9.24	0	ANNUAL	AREA	S
610735.43	4205980.03	57223.63578	9.21	9.21	0	ANNUAL	AREA	S
610742.43	4205980.03	51344.04509	9.17	9.17	0	ANNUAL	AREA	S
610749.43	4205980.03	45554.59543	9.14	9.14	0	ANNUAL	AREA	S
610756.43	4205980.03	40037.48174	9.11	9.11	0	ANNUAL	AREA	S
610763.43	4205980.03	34966.16591	9.08	9.08	0	ANNUAL	AREA	S
610770.43	4205980.03	30472.84156	9.05	9.05	0	ANNUAL	AREA	S
610777.43	4205980.03	26615.57439	9.02	9.02	0	ANNUAL	AREA	S
610784.43	4205980.03	23387.59373	9	9	0	ANNUAL	AREA	S
610791.43	4205980.03	20721.24573	9	9	0	ANNUAL	AREA	S
610798.43	4205980.03	18532.21465	9	9	0	ANNUAL	AREA	S
610805.43	4205980.03	16728.43028	9	9	0	ANNUAL	AREA	S
610812.43	4205980.03	15232.15141	9	9	0	ANNUAL	AREA	S
610819.43	4205980.03	13977.84971	9	9	0	ANNUAL	AREA	S
610826.43	4205980.03	12915.74943	9	9	0	ANNUAL	AREA	S
610833.43	4205980.03	12006.33041	9	9	0	ANNUAL	AREA	S
610840.43	4205980.03	11219.3622	9	9	0	ANNUAL	AREA	S
610847.43	4205980.03	10531.69099	9	9	0	ANNUAL	AREA	S
610854.43	4205980.03	9925.20783	9	9	0	ANNUAL	AREA	S
610861.43	4205980.03	9386.46499	9	9	0	ANNUAL	AREA	S
610868.43	4205980.03	8904.46865	9	9	0	ANNUAL	AREA	S
610875.43	4205980.03	8470.25408	9	9	0	ANNUAL	AREA	S
610882.43	4205980.03	8076.92613	9	9	0	ANNUAL	AREA	S
610889.43	4205980.03	7718.64893	9	9	0	ANNUAL	AREA	S
610896.43	4205980.03	7390.6059	9	9	0	ANNUAL	AREA	S
610903.43	4205980.03	7089.06951	9	9	0	ANNUAL	AREA	S
610910.43	4205980.03	6810.61365	9	9	0	ANNUAL	AREA	S
610917.43	4205980.03	6552.50858	9	9	0	ANNUAL	AREA	S
610924.43	4205980.03	6312.49375	9	9	0	ANNUAL	AREA	S
610931.43	4205980.03	6088.44818	9	9	0	ANNUAL	AREA	S
610938.43	4205980.03	5878.68655	9	9	0	ANNUAL	AREA	S
610945.43	4205980.03	5681.81805	9	9	0	ANNUAL	AREA	S
610952.43	4205980.03	5496.53203	9	9	0	ANNUAL	AREA	S
610959.43	4205980.03	5321.76175	9	9	0	ANNUAL	AREA	S
610966.43	4205980.03	5156.48102	9	9	0	ANNUAL	AREA	S
610973.43	4205980.03	4999.94548	9	9	0	ANNUAL	AREA	S
611001.43	4205980.03	4447.41444	9	9	0	ANNUAL	AREA	S
611008.43	4205980.03	4324.95921	9	9	0	ANNUAL	AREA	S
611015.43	4205980.03	4207.92205	9	9	0	ANNUAL	AREA	S
611022.43	4205980.03	4095.90433	9	9	0	ANNUAL	AREA	S
611029.43	4205980.03	3988.61238	9	9	0	ANNUAL	AREA	S
611036.43	4205980.03	3885.73686	9	9	0	ANNUAL	AREA	S
611043.43	4205980.03	3787.0239	9	9	0	ANNUAL	AREA	S
611050.43	4205980.03	3692.224	9	9	0	ANNUAL	AREA	S
611057.43	4205980.03	3601.0924	9	9	0	ANNUAL	AREA	S
611064.43	4205980.03	3513.44145	9	9	0	ANNUAL	AREA	S
611071.43	4205980.03	3429.05246	9	9	0	ANNUAL	AREA	S
611092.43	4205980.03	3194.03774	9	9	0	ANNUAL	AREA	S
610294.43	4205987.03	8508.19138	13.19	13.19	0	ANNUAL	AREA	S
610301.43	4205987.03	8846.44015	13.19	13.19	0	ANNUAL	AREA	S
610308.43	4205987.03	9202.82658	13.19	13.19	0	ANNUAL	AREA	S
610315.43	4205987.03	9578.57162	13.19	13.19	0	ANNUAL	AREA	S
610322.43	4205987.03	9974.86629	13.19	13.19	0	ANNUAL	AREA	S
610329.43	4205987.03	10392.54057	13.2	13.2	0	ANNUAL	AREA	S
610336.43	4205987.03	10834.11028	13.2	13.2	0	ANNUAL	AREA	S
610343.43	4205987.03	11301.95283	13.18	13.18	0	ANNUAL	AREA	S
610350.43	4205987.03	11801.83051	13.08	13.08	0	ANNUAL	AREA	S
610357.43	4205987.03	12330.21762	12.99	12.99	0	ANNUAL	AREA	S
610364.43	4205987.03	12890.42138	12.89	12.89	0	ANNUAL	AREA	S
610371.43	4205987.03	13483.18351	12.8	12.8	0	ANNUAL	AREA	S
610378.43	4205987.03	14112.45005	12.7	12.7	0	ANNUAL	AREA	S
610385.43	4205987.03	14779.13598	12.61	12.61	0	ANNUAL	AREA	S
610392.43	4205987.03	15487.61646	12.51	12.51	0	ANNUAL	AREA	S
610399.43	4205987.03	16239.32653	12.42	12.42	0	ANNUAL	AREA	S
610406.43	4205987.03	17039.31782	12.32	12.32	0	ANNUAL	AREA	S
610413.43	4205987.03	17889.06843	12.23	12.23	0	ANNUAL	AREA	S
610420.43	4205987.03	18787.72401	12.19	12.19	0	ANNUAL	AREA	S
610427.43	4205987.03	19742.28885	12.17	12.17	0	ANNUAL	AREA	S
610434.43	4205987.03	20759.5584	12.15	12.15	0	ANNUAL	AREA	S
610441.43	4205987.03	21843.14168	12.14	12.14	0	ANNUAL	AREA	S
610448.43	4205987.03	23001.32471	12.12	12.12	0	ANNUAL	AREA	S
610455.43	4205987.03	24238.94403	12.1	12.1	0	ANNUAL	AREA	S
610462.43	4205987.03	25562.77565	12.08	12.08	0	ANNUAL	AREA	S
610469.43	4205987.03	26980.43296	12.06	12.06	0	ANNUAL	AREA	S
610476.43	4205987.03	28502.34886	12.03	12.03	0	ANNUAL	AREA	S
610483.43	4205987.03	30134.25808	12.01	12.01	0	ANNUAL	AREA	S
610490.43	4205987.03	31892.6812	11.97	11.97	0	ANNUAL	AREA	S
610504.43	4205987.03	35852.88351	11.78	11.78	0	ANNUAL	AREA	S
610511.43	4205987.03	38074.66783	11.68	11.68	0	ANNUAL	AREA	S
610518.43	4205987.03	40476.81095	11.59	11.59	0	ANNUAL	AREA	S
610525.43	4205987.03	43084.56849	11.49	11.49	0	ANNUAL	AREA	S
610532.43	4205987.03	45914.60026	11.4	11.4	0	ANNUAL	AREA	S
610539.43	4205987.03	48997.7678	11.3	11.3	0	ANNUAL	AREA	S
610546.43	4205987.03	52355.6681	11.21	11.21	0	ANNUAL	AREA	S
610553.43	4205987.03	56024.48429	11.11	11.11	0	ANNUAL	AREA	S
610560.43	4205987.03	60032.57992	11.01	11.01	0	ANNUAL	AREA	S
610567.43	4205987.03	64406.38815	10.92	10.92	0	ANNUAL	AREA	S
610574.43	4205987.03	69178.6301	10.82	10.82	0	ANNUAL	AREA	S
610581.43	4205987.03	74353.64834	10.73	10.73	0	ANNUAL	AREA	S
610588.43	4205987.03	79925.47028	10.63	10.63	0	ANNUAL	AREA	S
610595.43	4205987.03	85827.72588	10.54	10.54	0	ANNUAL	AREA	S
610602.43	4205987.03	91938.93455	10.44	10.44	0	ANNUAL	AREA	S
610609.43	4205987.03	98037.96482	10.34	10.34	0	ANNUAL	AREA	S
610616.43	4205987.03	103822.999	10.25	10.25	0	ANNUAL	AREA	S

610623.43	4205987.03	108996.3391	10.15	10.15	0	ANNUAL	AREA	5
610630.43	4205987.03	113286.9351	10.06	10.06	0	ANNUAL	AREA	5
610637.43	4205987.03	116506.3917	9.97	9.97	0	ANNUAL	AREA	5
610644.43	4205987.03	118639.2769	9.9	9.9	0	ANNUAL	AREA	5
610651.43	4205987.03	119559.0286	9.83	9.83	0	ANNUAL	AREA	5
610658.43	4205987.03	118968.776	9.75	9.75	0	ANNUAL	AREA	5
610665.43	4205987.03	116725.9968	9.68	9.68	0	ANNUAL	AREA	5
610686.43	4205987.03	104485.7961	9.47	9.47	0	ANNUAL	AREA	5
610693.43	4205987.03	99928.0316	9.4	9.4	0	ANNUAL	AREA	5
610700.43	4205987.03	95207.92016	9.33	9.33	0	ANNUAL	AREA	5
610707.43	4205987.03	90128.62422	9.25	9.25	0	ANNUAL	AREA	5
610714.43	4205987.03	84672.27197	9.23	9.23	0	ANNUAL	AREA	5
610721.43	4205987.03	78740.22103	9.21	9.21	0	ANNUAL	AREA	5
610728.43	4205987.03	72349.02357	9.18	9.18	0	ANNUAL	AREA	5
610735.43	4205987.03	65596.31629	9.16	9.16	0	ANNUAL	AREA	5
610742.43	4205987.03	58622.11981	9.13	9.13	0	ANNUAL	AREA	5
610749.43	4205987.03	51666.61291	9.11	9.11	0	ANNUAL	AREA	5
610756.43	4205987.03	45004.70154	9.09	9.09	0	ANNUAL	AREA	5
610763.43	4205987.03	38907.40381	9.06	9.06	0	ANNUAL	AREA	5
610770.43	4205987.03	33589.39456	9.04	9.04	0	ANNUAL	AREA	5
610777.43	4205987.03	29123.13837	9.01	9.01	0	ANNUAL	AREA	5
610784.43	4205987.03	25475.33942	9	9	0	ANNUAL	AREA	5
610791.43	4205987.03	22535.83558	9	9	0	ANNUAL	AREA	5
610798.43	4205987.03	20158.13637	9	9	0	ANNUAL	AREA	5
610805.43	4205987.03	18222.31696	9	9	0	ANNUAL	AREA	5
610812.43	4205987.03	16625.51429	9	9	0	ANNUAL	AREA	5
610819.43	4205987.03	15288.30091	9	9	0	ANNUAL	AREA	5
610826.43	4205987.03	14155.89403	9	9	0	ANNUAL	AREA	5
610833.43	4205987.03	13181.74202	9	9	0	ANNUAL	AREA	5
610840.43	4205987.03	12334.60662	9	9	0	ANNUAL	AREA	5
610847.43	4205987.03	11589.9855	9	9	0	ANNUAL	AREA	5
610854.43	4205987.03	10930.51013	9	9	0	ANNUAL	AREA	5
610861.43	4205987.03	10341.29047	9	9	0	ANNUAL	AREA	5
610868.43	4205987.03	9811.30541	9	9	0	ANNUAL	AREA	5
610875.43	4205987.03	9331.70995	9	9	0	ANNUAL	AREA	5
610882.43	4205987.03	8895.32017	9	9	0	ANNUAL	AREA	5
610889.43	4205987.03	8496.33323	9	9	0	ANNUAL	AREA	5
610896.43	4205987.03	8130.15312	9	9	0	ANNUAL	AREA	5
610903.43	4205987.03	7792.44267	9	9	0	ANNUAL	AREA	5
610910.43	4205987.03	7479.99271	9	9	0	ANNUAL	AREA	5
610917.43	4205987.03	7189.7936	9	9	0	ANNUAL	AREA	5
610924.43	4205987.03	6919.5256	9	9	0	ANNUAL	AREA	5
610931.43	4205987.03	6667.00673	9	9	0	ANNUAL	AREA	5
610938.43	4205987.03	6430.47834	9	9	0	ANNUAL	AREA	5
610945.43	4205987.03	6208.28554	9	9	0	ANNUAL	AREA	5
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610973.43	4205987.03	5438.86288	9	9	0	ANNUAL	AREA	5
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611029.43	4205987.03	4302.09046	9	9	0	ANNUAL	AREA	5
611036.43	4205987.03	4187.04261	9	9	0	ANNUAL	AREA	5
611043.43	4205987.03	4076.78449	9	9	0	ANNUAL	AREA	5
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611057.43	4205987.03	3869.46091	9	9	0	ANNUAL	AREA	5
611064.43	4205987.03	3771.89539	9	9	0	ANNUAL	AREA	5
611071.43	4205987.03	3678.13055	9	9	0	ANNUAL	AREA	5
611078.43	4205987.03	3587.92009	9	9	0	ANNUAL	AREA	5
610294.43	4205994.03	8449.07212	13.11	13.11	0	ANNUAL	AREA	5
610301.43	4205994.03	8786.65875	13.12	13.12	0	ANNUAL	AREA	5
610308.43	4205994.03	9142.93241	13.12	13.12	0	ANNUAL	AREA	5
610315.43	4205994.03	9518.83004	13.12	13.12	0	ANNUAL	AREA	5
610322.43	4205994.03	9915.59586	13.12	13.12	0	ANNUAL	AREA	5
610329.43	4205994.03	10334.61509	13.12	13.12	0	ANNUAL	AREA	5
610336.43	4205994.03	10777.3638	13.12	13.12	0	ANNUAL	AREA	5
610343.43	4205994.03	11246.86338	13.1	13.1	0	ANNUAL	AREA	5
610350.43	4205994.03	11748.92869	13	13	0	ANNUAL	AREA	5
610357.43	4205994.03	12280.07254	12.91	12.91	0	ANNUAL	AREA	5
610364.43	4205994.03	12843.68518	12.81	12.81	0	ANNUAL	AREA	5
610371.43	4205994.03	13440.6584	12.72	12.72	0	ANNUAL	AREA	5
610378.43	4205994.03	14074.13769	12.63	12.63	0	ANNUAL	AREA	5
610385.43	4205994.03	14747.64324	12.53	12.53	0	ANNUAL	AREA	5
610392.43	4205994.03	15462.43461	12.44	12.44	0	ANNUAL	AREA	5
610399.43	4205994.03	16223.51689	12.34	12.34	0	ANNUAL	AREA	5
610406.43	4205994.03	17032.39539	12.25	12.25	0	ANNUAL	AREA	5
610413.43	4205994.03	17894.75714	12.15	12.15	0	ANNUAL	AREA	5
610420.43	4205994.03	18805.57394	12.12	12.12	0	ANNUAL	AREA	5
610427.43	4205994.03	19774.21535	12.11	12.11	0	ANNUAL	AREA	5
610434.43	4205994.03	20807.73144	12.1	12.1	0	ANNUAL	AREA	5
610441.43	4205994.03	21911.76062	12.09	12.09	0	ANNUAL	AREA	5
610448.43	4205994.03	23093.39166	12.07	12.07	0	ANNUAL	AREA	5
610455.43	4205994.03	24356.75593	12.06	12.06	0	ANNUAL	AREA	5
610462.43	4205994.03	25710.36644	12.05	12.05	0	ANNUAL	AREA	5
610469.43	4205994.03	27162.51469	12.04	12.04	0	ANNUAL	AREA	5
610476.43	4205994.03	28724.3941	12.02	12.02	0	ANNUAL	AREA	5
610483.43	4205994.03	30402.77885	12.01	12.01	0	ANNUAL	AREA	5
610490.43	4205994.03	32217.63264	11.97	11.97	0	ANNUAL	AREA	5
610504.43	4205994.03	36322.32553	11.78	11.78	0	ANNUAL	AREA	5
610511.43	4205994.03	38635.9059	11.68	11.68	0	ANNUAL	AREA	5
610518.43	4205994.03	41146.9414	11.59	11.59	0	ANNUAL	AREA	5
610525.43	4205994.03	43884.26503	11.49	11.49	0	ANNUAL	AREA	5
610532.43	4205994.03	46869.8636	11.4	11.4	0	ANNUAL	AREA	5
610539.43	4205994.03	50141.7492	11.3	11.3	0	ANNUAL	AREA	5
610546.43	4205994.03	53733.53216	11.2	11.2	0	ANNUAL	AREA	5
610553.43	4205994.03	57683.43466	11.11	11.11	0	ANNUAL	AREA	5
610560.43	4205994.03	62046.72298	11.01	11.01	0	ANNUAL	AREA	5
610567.43	4205994.03	66867.60107	10.92	10.92	0	ANNUAL	AREA	5
610574.43	4205994.03	72209.90602	10.82	10.82	0	ANNUAL	AREA	5
610581.43	4205994.03	78114.78282	10.73	10.73	0	ANNUAL	AREA	5
610588.43	4205994.03	84624.42311	10.63	10.63	0	ANNUAL	AREA	5
610595.43	4205994.03	91722.56827	10.53	10.53	0	ANNUAL	AREA	5
610602.43	4205994.03	99301.35962	10.44	10.44	0	ANNUAL	AREA	5
610609.43	4205994.03	107116.6656	10.34	10.34	0	ANNUAL	AREA	5
610616.43	4205994.03	114743.597	10.25	10.25	0	ANNUAL	AREA	5
610623.43	4205994.03	121682.0858	10.15	10.15	0	ANNUAL	AREA	5
610630.43	4205994.03	127478.9292	10.06	10.06	0	ANNUAL	AREA	5
610637.43	4205994.03	131818.1816	9.97	9.97	0	ANNUAL	AREA	5
610644.43	4205994.03	134920.4612	9.89	9.89	0	ANNUAL	AREA	5
610651.43	4205994.03	136755.2907	9.81	9.81	0	ANNUAL	AREA	5
610658.43	4205994.03	136553.086	9.73	9.73	0	ANNUAL	AREA	5
610665.43	4205994.03	133694.3764	9.65	9.65	0	ANNUAL	AREA	5
610686.43	4205994.03	119585.2279	9.41	9.41	0	ANNUAL	AREA	5
610693.43	4205994.03	114790.0203	9.33	9.33	0	ANNUAL	AREA	5
610700.43	4205994.03	109839.7335	9.26	9.26	0	ANNUAL	AREA	5
610707.43	4205994.03	104375.8326	9.18	9.18	0	ANNUAL	AREA	5
610714.43	4205994.03	98394.45162	9.16	9.16	0	ANNUAL	AREA	5
610721.43	4205994.03	91746.04369	9.14	9.14	0	ANNUAL	AREA	5
610728.43	4205994.03	84441.23624	9.13	9.13	0	ANNUAL	AREA	5
610735.43	4205994.03	76512.89963	9.11	9.11	0	ANNUAL	AREA	5
610742.43	4205994.03	68144.25544	9.09	9.09	0	ANNUAL	AREA	5
610749.43	4205994.03	59645.98365	9.08	9.08	0	ANNUAL	AREA	5
610756.43	4205994.03	51419.97005	9.06	9.06	0	ANNUAL	AREA	5
610763.43	4205994.03	43943.69388	9.04	9.04	0	ANNUAL	AREA	5
610770.43	4205994.03	37521.24784	9.03	9.03	0	ANNUAL	AREA	5
610777.43	4205994.03	32260.93956	9.01	9.01	0	ANNUAL	AREA	5
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610791.43	4205994.03	24831.86	9	9	0	ANNUAL	AREA	5
610798.43	4205994.03	22244.87863	9	9	0	ANNUAL	AREA	5
610805.43	4205994.03	20150.34073	9	9	0	ANNUAL	AREA	5
610812.43	4205994.03	18423.12297	9	9	0	ANNUAL	AREA	5
610819.43	4205994.03	16979.84723	9	9	0	ANNUAL	AREA	5
610826.43	4205994.03	15744.02964	9	9	0	ANNUAL	AREA	5
610833.43	4205994.03	14670.63186	9	9	0	ANNUAL	AREA	5
610840.43	4205994.03	13736.05712	9	9	0	ANNUAL	AREA	5
610847.43	4205994.03	12909.1727	9	9	0	ANNUAL	AREA	5
610854.43	4205994.03	12172.19639	9	9	0	ANNUAL	AREA	5
610861.43	4205994.03	11510.55609	9	9	0	ANNUAL	AREA	5
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610875.43	4205994.03	10370.00197	9	9	0	ANNUAL	AREA	5
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610903.43	4205994.03	8618.19401	9	9	0	ANNUAL	AREA	5
610910.43	4205994.03	8261.38861	9	9	0	ANNUAL	AREA	5
610917.43	4205994.03	7929.91571	9	9	0	ANNUAL	AREA	5
610924.43	4205994.03	7621.0881	9	9	0	ANNUAL	AREA	5
610931.43	4205994.03	7332.58358	9	9	0	ANNUAL	AREA	5
610938.43	4205994.03	7062.49081	9	9	0	ANNUAL	AREA	5
610945.43	4205994.03	6808.98721	9	9	0	ANNUAL	AREA	5
610952.43	4205994.03	6570.50849	9	9	0	ANNUAL	AREA	5
610959.43	4205994.03	6345.74446	9	9	0	ANNUAL	AREA	5
610966.43	4205994.03	6133.52495	9	9	0	ANNUAL	AREA	5
610973.43	4205994.03	5932.83358	9	9	0	ANNUAL	AREA	5
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611001.43	4205994.03	5227.70734	9	9	0	ANNUAL	AREA	5
611008.43	4205994.03	5072.39654	9	9	0	ANNUAL	AREA	5
611015.43	4205994.03	4924.28055	9	9	0	ANNUAL	AREA	5
611022.43	4205994.03	4782.98139	9	9	0	ANNUAL	AREA	5
611029.43	4205994.03	4647.93657	9	9	0	ANNUAL	AREA	5
611036.43	4205994.03	4518.82196	9	9	0	ANNUAL	AREA	5
611043.43	4205994.03	4395.21692	9	9	0	ANNUAL	AREA	5
611050.43	4205994.03	4276.87763	9	9	0	ANNUAL	AREA	5
611057.43	4205994.03	4163.38473	9	9	0	ANNUAL	AREA	5
611064.43	4205994.03	4054.52924	9	9	0	ANNUAL	AREA	5
611071.43	4205994.03	3950.0267	9	9	0	ANNUAL	AREA	5
611078.43	4205994.03	3849.65656	9	9	0	ANNUAL	AREA	5
610294.43	4206001.03	8384.69867	13.04	13.04	0	ANNUAL	AREA	5
610301.43	4206001.03	8721.94579	13.04	13.04	0	ANNUAL	AREA	5
610308.43	4206001.03	9077.86428	13.04	13.04	0	ANNUAL	AREA	5
610315.43	4206001.03	9453.45998	13.04	13.04	0	ANNUAL	AREA	5
610322.43	4206001.03	9850.23745	13.04	13.04	0	ANNUAL	AREA	5
610329.43	4206001.03	10269.54777	13.04	13.04	0	ANNUAL	AREA	5
610336.43	4206001.03	10712.91837	13.04	13.04	0	ANNUAL	AREA	5
610343.43	4206001.03	11183.35985	13.02	13.02	0	ANNUAL	AREA	5
610350.43	4206001.03	11686.29406	12.93	12.93	0	ANNUAL	AREA	5
610357.43	4206001.03	12220.14234	12.83	12.83	0	ANNUAL	AREA	5
610364.43	4206001.03	12785.67321	12.74	12.74	0	ANNUAL	AREA	5
610371.43	4206001.03	13386.75555	12.64	12.64	0	ANNUAL	AREA	5
610378.43	4206001.03	14024.35288	12.55	12.55	0	ANNUAL	AREA	5
610385.43	4206001.03	14703.00441	12.45	12.45	0	ANNUAL	AREA	5
610392.43	4206001.03	15423.86072	12.36	12.36	0	ANNUAL	AREA	5
610399.43	4206001.03	16192.25271	12.26	12.26	0	ANNUAL	AREA	5
610406.43	4206001.03	17009.77989	12.17	12.17	0	ANNUAL	AREA	5
610413.43	4206001.03	17881.24236	12.08	12.08	0	ANNUAL	AREA	5
610420.43	4206001.03	18803.80561	12.05	12.05	0	ANNUAL	AREA	5
610427.43	4206001.03	19784.93053	12.05	12.05	0	ANNUAL	AREA	5
610434.43	4206001.03	20834.36461	12.04	12.04	0	ANNUAL	AREA	5
610441.43	4206001.03	21955.34565	12.04	12.04	0	ANNUAL	AREA	5
610448.43	4206001.03	23156.98838	12.03	12.03	0	ANNUAL	AREA	5
610455.43	4206001.03	24443.31977	12.03	12.03	0	ANNUAL	AREA	5
610462.43	4206001.03	25825.58061	12.02	12.02	0	ANNUAL	AREA	5
610469.43	4206001.03	27309.22758	12.02	12.02	0	ANNUAL	AREA	5

610476.43	4206001.03	28907.74513	12.01	12.01	0	ANNUAL	AREA	5
610483.43	4206001.03	30630.82356	12	12	0	ANNUAL	AREA	5
610504.43	4206001.03	36734.57798	11.78	11.78	0	ANNUAL	AREA	5
610511.43	4206001.03	39133.679	11.68	11.68	0	ANNUAL	AREA	5
610518.43	4206001.03	41745.81281	11.59	11.59	0	ANNUAL	AREA	5
610525.43	4206001.03	44604.21409	11.49	11.49	0	ANNUAL	AREA	5
610532.43	4206001.03	47738.86273	11.39	11.39	0	ANNUAL	AREA	5
610539.43	4206001.03	51184.34734	11.3	11.3	0	ANNUAL	AREA	5
610546.43	4206001.03	54993.43299	11.2	11.2	0	ANNUAL	AREA	5
610553.43	4206001.03	59212.51952	11.11	11.11	0	ANNUAL	AREA	5
610560.43	4206001.03	63915.40457	11.01	11.01	0	ANNUAL	AREA	5
610567.43	4206001.03	69169.63245	10.92	10.92	0	ANNUAL	AREA	5
610574.43	4206001.03	75075.22814	10.82	10.82	0	ANNUAL	AREA	5
610581.43	4206001.03	81727.7175	10.72	10.72	0	ANNUAL	AREA	5
610588.43	4206001.03	89233.5452	10.63	10.63	0	ANNUAL	AREA	5
610595.43	4206001.03	97652.55734	10.53	10.53	0	ANNUAL	AREA	5
610602.43	4206001.03	106991.6907	10.44	10.44	0	ANNUAL	AREA	5
610609.43	4206001.03	117043.164	10.34	10.34	0	ANNUAL	AREA	5
610616.43	4206001.03	127193.5985	10.25	10.25	0	ANNUAL	AREA	5
610623.43	4206001.03	136521.9394	10.15	10.15	0	ANNUAL	AREA	5
610630.43	4206001.03	144139.7959	10.05	10.05	0	ANNUAL	AREA	5
610637.43	4206001.03	149642.9503	9.96	9.96	0	ANNUAL	AREA	5
610644.43	4206001.03	153618.9712	9.88	9.88	0	ANNUAL	AREA	5
610651.43	4206001.03	156267.4129	9.79	9.79	0	ANNUAL	AREA	5
610658.43	4206001.03	155991.7483	9.7	9.7	0	ANNUAL	AREA	5
610665.43	4206001.03	152130.0529	9.62	9.62	0	ANNUAL	AREA	5
610686.43	4206001.03	137632.1463	9.36	9.36	0	ANNUAL	AREA	5
610693.43	4206001.03	133075.3206	9.27	9.27	0	ANNUAL	AREA	5
610700.43	4206001.03	128035.3855	9.19	9.19	0	ANNUAL	AREA	5
610707.43	4206001.03	122176.0953	9.1	9.1	0	ANNUAL	AREA	5
610714.43	4206001.03	115658.6522	9.09	9.09	0	ANNUAL	AREA	5
610721.43	4206001.03	108235.4401	9.08	9.08	0	ANNUAL	AREA	5
610728.43	4206001.03	98879.76832	9.07	9.07	0	ANNUAL	AREA	5
610735.43	4206001.03	90599.46106	9.06	9.06	0	ANNUAL	AREA	5
610742.43	4206001.03	80521.15177	9.05	9.05	0	ANNUAL	AREA	5
610749.43	4206001.03	70004.55943	9.05	9.05	0	ANNUAL	AREA	5
610756.43	4206001.03	59669.0069	9.04	9.04	0	ANNUAL	AREA	5
610763.43	4206001.03	50300.13755	9.03	9.03	0	ANNUAL	AREA	5
610770.43	4206001.03	42404.69993	9.02	9.02	0	ANNUAL	AREA	5
610777.43	4206001.03	36195.65254	9.01	9.01	0	ANNUAL	AREA	5
610784.43	4206001.03	31447.90954	9	9	0	ANNUAL	AREA	5
610791.43	4206001.03	27812.03887	9	9	0	ANNUAL	AREA	5
610798.43	4206001.03	24993.33238	9	9	0	ANNUAL	AREA	5
610805.43	4206001.03	22699.48158	9	9	0	ANNUAL	AREA	5
610812.43	4206001.03	20789.37444	9	9	0	ANNUAL	AREA	5
610819.43	4206001.03	19173.84419	9	9	0	ANNUAL	AREA	5
610826.43	4206001.03	17789.17239	9	9	0	ANNUAL	AREA	5
610833.43	4206001.03	16576.05676	9	9	0	ANNUAL	AREA	5
610840.43	4206001.03	15505.70194	9	9	0	ANNUAL	AREA	5
610847.43	4206001.03	14556.32819	9	9	0	ANNUAL	AREA	5
610854.43	4206001.03	13706.52696	9	9	0	ANNUAL	AREA	5
610861.43	4206001.03	12941.03588	9	9	0	ANNUAL	AREA	5
610868.43	4206001.03	12248.13333	9	9	0	ANNUAL	AREA	5
610875.43	4206001.03	11617.83798	9	9	0	ANNUAL	AREA	5
610882.43	4206001.03	11042.60278	9	9	0	ANNUAL	AREA	5
610889.43	4206001.03	10515.38695	9	9	0	ANNUAL	AREA	5
610896.43	4206001.03	10030.60235	9	9	0	ANNUAL	AREA	5
610903.43	4206001.03	9583.39077	9	9	0	ANNUAL	AREA	5
610910.43	4206001.03	9169.5679	9	9	0	ANNUAL	AREA	5
610917.43	4206001.03	8785.58672	9	9	0	ANNUAL	AREA	5
610924.43	4206001.03	8428.25328	9	9	0	ANNUAL	AREA	5
610931.43	4206001.03	8094.96879	9	9	0	ANNUAL	AREA	5
610938.43	4206001.03	7783.30192	9	9	0	ANNUAL	AREA	5
610945.43	4206001.03	7491.27676	9	9	0	ANNUAL	AREA	5
610952.43	4206001.03	7217.09345	9	9	0	ANNUAL	AREA	5
610959.43	4206001.03	6959.12086	9	9	0	ANNUAL	AREA	5
610966.43	4206001.03	6715.99141	9	9	0	ANNUAL	AREA	5
610994.43	4206001.03	5868.77027	9	9	0	ANNUAL	AREA	5
611001.43	4206001.03	5683.63571	9	9	0	ANNUAL	AREA	5
611008.43	4206001.03	5507.64578	9	9	0	ANNUAL	AREA	5
611015.43	4206001.03	5340.11258	9	9	0	ANNUAL	AREA	5
611022.43	4206001.03	5180.54131	9	9	0	ANNUAL	AREA	5
611029.43	4206001.03	5028.35059	9	9	0	ANNUAL	AREA	5
611036.43	4206001.03	4883.03529	9	9	0	ANNUAL	AREA	5
611043.43	4206001.03	4744.16781	9	9	0	ANNUAL	AREA	5
611050.43	4206001.03	4611.41693	9	9	0	ANNUAL	AREA	5
611057.43	4206001.03	4484.39929	9	9	0	ANNUAL	AREA	5
611064.43	4206001.03	4362.70167	9	9	0	ANNUAL	AREA	5
611071.43	4206001.03	4246.07495	9	9	0	ANNUAL	AREA	5
611078.43	4206001.03	4134.23693	9	9	0	ANNUAL	AREA	5
610294.43	4206008.03	8315.99242	12.96	12.96	0	ANNUAL	AREA	5
610301.43	4206008.03	8652.30576	12.96	12.96	0	ANNUAL	AREA	5
610308.43	4206008.03	9007.28954	12.96	12.96	0	ANNUAL	AREA	5
610315.43	4206008.03	9381.70725	12.97	12.97	0	ANNUAL	AREA	5
610322.43	4206008.03	9777.91066	12.97	12.97	0	ANNUAL	AREA	5
610329.43	4206008.03	10196.97064	12.97	12.97	0	ANNUAL	AREA	5
610336.43	4206008.03	10640.29414	12.97	12.97	0	ANNUAL	AREA	5
610343.43	4206008.03	11111.12861	12.95	12.95	0	ANNUAL	AREA	5
610350.43	4206008.03	11615.49371	12.85	12.85	0	ANNUAL	AREA	5
610357.43	4206008.03	12140.95174	12.76	12.76	0	ANNUAL	AREA	5
610364.43	4206008.03	12717.29906	12.67	12.67	0	ANNUAL	AREA	5
610371.43	4206008.03	13320.0334	12.58	12.58	0	ANNUAL	AREA	5
610378.43	4206008.03	13961.67772	12.48	12.48	0	ANNUAL	AREA	5
610385.43	4206008.03	14643.39185	12.39	12.39	0	ANNUAL	AREA	5
610392.43	4206008.03	15369.18498	12.3	12.3	0	ANNUAL	AREA	5
610399.43	4206008.03	16142.5018	12.21	12.21	0	ANNUAL	AREA	5
610406.43	4206008.03	16968.32368	12.11	12.11	0	ANNUAL	AREA	5
610413.43	4206008.03	17848.54897	12.02	12.02	0	ANNUAL	AREA	5
610420.43	4206008.03	18780.03846	12	12	0	ANNUAL	AREA	5
610427.43	4206008.03	19772.94121	12	12	0	ANNUAL	AREA	5
610434.43	4206008.03	20835.00051	12	12	0	ANNUAL	AREA	5
610441.43	4206008.03	21973.77811	11.99	11.99	0	ANNUAL	AREA	5
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610483.43	4206008.03	30815.81104	11.99	11.99	0	ANNUAL	AREA	5
610504.43	4206008.03	37090.90444	11.77	11.77	0	ANNUAL	AREA	5
610511.43	4206008.03	39565.98884	11.68	11.68	0	ANNUAL	AREA	5
610518.43	4206008.03	42274.5131	11.58	11.58	0	ANNUAL	AREA	5
610525.43	4206008.03	45241.54597	11.49	11.49	0	ANNUAL	AREA	5
610532.43	4206008.03	48510.45627	11.39	11.39	0	ANNUAL	AREA	5
610539.43	4206008.03	52118.77849	11.3	11.3	0	ANNUAL	AREA	5
610546.43	4206008.03	56128.12907	11.2	11.2	0	ANNUAL	AREA	5
610553.43	4206008.03	60596.1891	11.11	11.11	0	ANNUAL	AREA	5
610560.43	4206008.03	65613.88556	11.01	11.01	0	ANNUAL	AREA	5
610567.43	4206008.03	71278.02549	10.91	10.91	0	ANNUAL	AREA	5
610574.43	4206008.03	77709.47331	10.82	10.82	0	ANNUAL	AREA	5
610581.43	4206008.03	85076.85151	10.72	10.72	0	ANNUAL	AREA	5
610588.43	4206008.03	93554.46315	10.63	10.63	0	ANNUAL	AREA	5
610595.43	4206008.03	103367.0039	10.53	10.53	0	ANNUAL	AREA	5
610602.43	4206008.03	114669.7185	10.44	10.44	0	ANNUAL	AREA	5
610609.43	4206008.03	127419.6462	10.34	10.34	0	ANNUAL	AREA	5
610616.43	4206008.03	140817.096	10.24	10.24	0	ANNUAL	AREA	5
610623.43	4206008.03	152972.3376	10.15	10.15	0	ANNUAL	AREA	5
610630.43	4206008.03	162297.9812	10.05	10.05	0	ANNUAL	AREA	5
610637.43	4206008.03	168653.2146	9.96	9.96	0	ANNUAL	AREA	5
610644.43	4206008.03	173084.6437	9.86	9.86	0	ANNUAL	AREA	5
610651.43	4206008.03	175753.2053	9.77	9.77	0	ANNUAL	AREA	5
610658.43	4206008.03	174574.816	9.68	9.68	0	ANNUAL	AREA	5
610686.43	4206008.03	158477.1123	9.3	9.3	0	ANNUAL	AREA	5
610693.43	4206008.03	154717.8351	9.21	9.21	0	ANNUAL	AREA	5
610700.43	4206008.03	149586.3167	9.12	9.12	0	ANNUAL	AREA	5
610707.43	4206008.03	143086.7612	9.02	9.02	0	ANNUAL	AREA	5
610714.43	4206008.03	135933.2113	9.02	9.02	0	ANNUAL	AREA	5
610721.43	4206008.03	127673.3469	9.02	9.02	0	ANNUAL	AREA	5
610728.43	4206008.03	118214.0054	9.02	9.02	0	ANNUAL	AREA	5
610735.43	4206008.03	107443.9577	9.02	9.02	0	ANNUAL	AREA	5
610742.43	4206008.03	95341.60498	9.01	9.01	0	ANNUAL	AREA	5
610749.43	4206008.03	82291.82579	9.01	9.01	0	ANNUAL	AREA	5
610756.43	4206008.03	69115.02329	9.01	9.01	0	ANNUAL	AREA	5
610763.43	4206008.03	57341.29652	9.01	9.01	0	ANNUAL	AREA	5
610770.43	4206008.03	47961.83292	9	9	0	ANNUAL	AREA	5
610777.43	4206008.03	41048.29244	9	9	0	ANNUAL	AREA	5
610784.43	4206008.03	35850.44738	9	9	0	ANNUAL	AREA	5
610791.43	4206008.03	31871.66848	9	9	0	ANNUAL	AREA	5
610798.43	4206008.03	28744.91866	9	9	0	ANNUAL	AREA	5
610805.43	4206008.03	26160.34869	9	9	0	ANNUAL	AREA	5
610812.43	4206008.03	23964.4513	9	9	0	ANNUAL	AREA	5
610819.43	4206008.03	22077.85579	9	9	0	ANNUAL	AREA	5
610826.43	4206008.03	20446.16048	9	9	0	ANNUAL	AREA	5
610833.43	4206008.03	19009.18821	9	9	0	ANNUAL	AREA	5
610840.43	4206008.03	17736.60552	9	9	0	ANNUAL	AREA	5
610847.43	4206008.03	16605.47249	9	9	0	ANNUAL	AREA	5
610854.43	4206008.03	15592.6434	9	9	0	ANNUAL	AREA	5
610861.43	4206008.03	14680.88797	9	9	0	ANNUAL	AREA	5
610868.43	4206008.03	13856.62063	9	9	0	ANNUAL	AREA	5
610875.43	4206008.03	13108.16863	9	9	0	ANNUAL	AREA	5
610882.43	4206008.03	12426.38833	9	9	0	ANNUAL	AREA	5
610889.43	4206008.03	11803.01859	9	9	0	ANNUAL	AREA	5
610896.43	4206008.03	11231.13116	9	9	0	ANNUAL	AREA	5
610903.43	4206008.03	10704.80658	9	9	0	ANNUAL	AREA	5
610910.43	4206008.03	10218.9985	9	9	0	ANNUAL	AREA	5
610917.43	4206008.03	9769.30755	9	9	0	ANNUAL	AREA	5
610924.43	4206008.03	9351.97557	9	9	0	ANNUAL	AREA	5
610931.43	4206008.03	8963.59606	9	9	0	ANNUAL	AREA	5
610938.43	4206008.03	8601.42317	9	9	0	ANNUAL	AREA	5
610945.43	4206008.03	8262.85581	9	9	0	ANNUAL	AREA	5
610952.43	4206008.03	7945.70816	9	9	0	ANNUAL	AREA	5
610959.43	4206008.03	7648.02983	9	9	0	ANNUAL	AREA	5
610966.43	4206008.03	7368.19493	9	9	0	ANNUAL	AREA	5
610987.43	4206008.03	6620.77624	9	9	0	ANNUAL	AREA	5
610994.43	4206008.03	6398.35481	9	9	0	ANNUAL	AREA	5
611001.43	4206008.03	6187.65515	9	9	0	ANNUAL	AREA	5
611008.43	4206008.03	5987.74671	9	9	0	ANNUAL	AREA	5
611015.43	4206008.03	5797.88493	9	9	0	ANNUAL	AREA	5
611022.43	4206008.03	5617.3824	9	9	0	ANNUAL	AREA	5
611029.43	4206008.03	5445.54806	9	9	0	ANNUAL	AREA	5
611036.43	4206008.03	5281.80834	9	9	0	ANNUAL	AREA	5
611043.43	4206008.03	5125.63279	9	9	0	ANNUAL	AREA	5
611050.43	4206008.03	4976.56696	9	9	0	ANNUAL	AREA	5
611057.43	4206008.03	4834.20483	9	9	0	ANNUAL	AREA	5
611064.43	4206008.03	4698.04396	9	9	0	ANNUAL	AREA	5
611071.43	4206008.03	4567.77199	9	9	0	ANNUAL	AREA	5
611078.43	4206008.03	4443.03761	9	9	0	ANNUAL	AREA	5
610294.43	4206015.03	8242.38436	12.89	12.89	0	ANNUAL	AREA	5
610301.43	4206015.03	8577.26855	12.89	12.89	0	ANNUAL	AREA	5
610308.43	4206015.03	8930.90128	12.89	12.89	0	ANNUAL	AREA	5
610315.43	4206015.03	9304.63864	12.89	12.89	0	ANNUAL	AREA	5
610322.43	4206015.03	9699.90418	12.89	12.89	0	ANNUAL	AREA	5
610329.43	4206015.03	10118.09012	12.89	12.89	0	ANNUAL	AREA	5
610336.43	4206015.03	10560.89818	12.89	12.89	0	ANNUAL	AREA	5
610343.43	4206015.03	11031.43427	12.87	12.87	0	ANNUAL	AREA	5
610350.43	4206015.03	11534.62299	12.79	12.79	0	ANNUAL	AREA	5
610357.43	4206015.03	12069.52231	12.7	12.7	0	ANNUAL	AREA	5

610364.43	4206015.03	12637.05774	12.62	12.62	0	ANNUAL	AREA	S
610371.43	4206015.03	13241.28964	12.53	12.53	0	ANNUAL	AREA	S
610378.43	4206015.03	13883.26052	12.45	12.45	0	ANNUAL	AREA	S
610385.43	4206015.03	14567.70141	12.36	12.36	0	ANNUAL	AREA	S
610392.43	4206015.03	15297.1202	12.27	12.27	0	ANNUAL	AREA	S
610399.43	4206015.03	16074.02701	12.19	12.19	0	ANNUAL	AREA	S
610406.43	4206015.03	16904.3443	12.1	12.1	0	ANNUAL	AREA	S
610413.43	4206015.03	17790.28734	12.02	12.02	0	ANNUAL	AREA	S
610420.43	4206015.03	18731.27154	11.99	11.99	0	ANNUAL	AREA	S
610427.43	4206015.03	19735.41707	11.98	11.98	0	ANNUAL	AREA	S
610434.43	4206015.03	20809.33139	11.98	11.98	0	ANNUAL	AREA	S
610441.43	4206015.03	21962.29721	11.97	11.97	0	ANNUAL	AREA	S
610448.43	4206015.03	23199.81685	11.96	11.96	0	ANNUAL	AREA	S
610455.43	4206015.03	24529.97732	11.95	11.95	0	ANNUAL	AREA	S
610462.43	4206015.03	25961.59496	11.94	11.94	0	ANNUAL	AREA	S
610469.43	4206015.03	27504.69404	11.93	11.93	0	ANNUAL	AREA	S
610476.43	4206015.03	29168.57158	11.93	11.93	0	ANNUAL	AREA	S
610483.43	4206015.03	30970.30248	11.92	11.92	0	ANNUAL	AREA	S
610504.43	4206015.03	37401.64653	11.71	11.71	0	ANNUAL	AREA	S
610511.43	4206015.03	39949.73616	11.62	11.62	0	ANNUAL	AREA	S
610518.43	4206015.03	42738.40194	11.54	11.54	0	ANNUAL	AREA	S
610525.43	4206015.03	45808.03057	11.45	11.45	0	ANNUAL	AREA	S
610532.43	4206015.03	49196.56434	11.36	11.36	0	ANNUAL	AREA	S
610539.43	4206015.03	52954.09412	11.27	11.27	0	ANNUAL	AREA	S
610546.43	4206015.03	57141.47428	11.18	11.18	0	ANNUAL	AREA	S
610553.43	4206015.03	61830.36465	11.1	11.1	0	ANNUAL	AREA	S
610560.43	4206015.03	67126.77628	11.01	11.01	0	ANNUAL	AREA	S
610567.43	4206015.03	73155.72828	10.91	10.91	0	ANNUAL	AREA	S
610574.43	4206015.03	80065.65464	10.82	10.82	0	ANNUAL	AREA	S
610581.43	4206015.03	88078.80749	10.72	10.72	0	ANNUAL	AREA	S
610588.43	4206015.03	97457.77351	10.63	10.63	0	ANNUAL	AREA	S
610595.43	4206015.03	108570.5844	10.53	10.53	0	ANNUAL	AREA	S
610602.43	4206015.03	121814.2601	10.43	10.43	0	ANNUAL	AREA	S
610609.43	4206015.03	137333.6749	10.34	10.34	0	ANNUAL	AREA	S
610616.43	4206015.03	153969.349	10.24	10.24	0	ANNUAL	AREA	S
610623.43	4206015.03	168103.6841	10.15	10.15	0	ANNUAL	AREA	S
610630.43	4206015.03	178246.5583	10.05	10.05	0	ANNUAL	AREA	S
610637.43	4206015.03	184899.5694	9.96	9.96	0	ANNUAL	AREA	S
610644.43	4206015.03	189553.094	9.86	9.86	0	ANNUAL	AREA	S
610651.43	4206015.03	192147.0103	9.77	9.77	0	ANNUAL	AREA	S
610658.43	4206015.03	190773.4007	9.67	9.67	0	ANNUAL	AREA	S
610687.33	4206013.76	177262.0524	9.27	9.27	0	ANNUAL	AREA	S
610700.43	4206015.03	173273.7259	9.1	9.1	0	ANNUAL	AREA	S
610777.43	4206015.03	47712.35827	9	9	0	ANNUAL	AREA	S
610784.43	4206015.03	42202.61225	9	9	0	ANNUAL	AREA	S
610791.43	4206015.03	37756.85679	9	9	0	ANNUAL	AREA	S
610798.43	4206015.03	34090.67918	9	9	0	ANNUAL	AREA	S
610805.43	4206015.03	30958.85567	9	9	0	ANNUAL	AREA	S
610812.43	4206015.03	28257.87093	9	9	0	ANNUAL	AREA	S
610819.43	4206015.03	25915.15149	9	9	0	ANNUAL	AREA	S
610826.43	4206015.03	23883.03317	9	9	0	ANNUAL	AREA	S
610833.43	4206015.03	22098.28904	9	9	0	ANNUAL	AREA	S
610840.43	4206015.03	20524.64096	9	9	0	ANNUAL	AREA	S
610847.43	4206015.03	19131.17941	9	9	0	ANNUAL	AREA	S
610854.43	4206015.03	17889.16905	9	9	0	ANNUAL	AREA	S
610861.43	4206015.03	16776.72023	9	9	0	ANNUAL	AREA	S
610868.43	4206015.03	15775.8933	9	9	0	ANNUAL	AREA	S
610875.43	4206015.03	14871.71611	9	9	0	ANNUAL	AREA	S
610882.43	4206015.03	14051.68068	9	9	0	ANNUAL	AREA	S
610889.43	4206015.03	13305.13672	9	9	0	ANNUAL	AREA	S
610896.43	4206015.03	12623.01511	9	9	0	ANNUAL	AREA	S
610903.43	4206015.03	11997.7929	9	9	0	ANNUAL	AREA	S
610910.43	4206015.03	11422.76808	9	9	0	ANNUAL	AREA	S
610917.43	4206015.03	10892.48728	9	9	0	ANNUAL	AREA	S
610924.43	4206015.03	10402.05002	9	9	0	ANNUAL	AREA	S
610931.43	4206015.03	9947.20533	9	9	0	ANNUAL	AREA	S
610938.43	4206015.03	9524.33792	9	9	0	ANNUAL	AREA	S
610945.43	4206015.03	9130.2603	9	9	0	ANNUAL	AREA	S
610952.43	4206015.03	8762.24582	9	9	0	ANNUAL	AREA	S
610959.43	4206015.03	8417.80114	9	9	0	ANNUAL	AREA	S
610987.43	4206015.03	7236.82142	9	9	0	ANNUAL	AREA	S
610994.43	4206015.03	6982.79765	9	9	0	ANNUAL	AREA	S
611001.43	4206015.03	6742.69574	9	9	0	ANNUAL	AREA	S
611008.43	4206015.03	6515.4417	9	9	0	ANNUAL	AREA	S
611015.43	4206015.03	6300.03229	9	9	0	ANNUAL	AREA	S
611022.43	4206015.03	6095.71972	9	9	0	ANNUAL	AREA	S
611029.43	4206015.03	5901.61296	9	9	0	ANNUAL	AREA	S
611036.43	4206015.03	5717.00015	9	9	0	ANNUAL	AREA	S
611043.43	4206015.03	5541.27027	9	9	0	ANNUAL	AREA	S
611050.43	4206015.03	5373.85692	9	9	0	ANNUAL	AREA	S
611057.43	4206015.03	5214.23734	9	9	0	ANNUAL	AREA	S
611064.43	4206015.03	5061.88232	9	9	0	ANNUAL	AREA	S
611071.43	4206015.03	4916.32136	9	9	0	ANNUAL	AREA	S
611078.43	4206015.03	4777.19198	9	9	0	ANNUAL	AREA	S
611085.43	4206015.03	4644.10705	9	9	0	ANNUAL	AREA	S
610294.43	4206022.03	8164.8355	12.81	12.81	0	ANNUAL	AREA	S
610301.43	4206022.03	8407.8248	12.81	12.81	0	ANNUAL	AREA	S
610308.43	4206022.03	8849.78898	12.81	12.81	0	ANNUAL	AREA	S
610315.43	4206022.03	9221.90946	12.81	12.81	0	ANNUAL	AREA	S
610322.43	4206022.03	9615.05555	12.82	12.82	0	ANNUAL	AREA	S
610329.43	4206022.03	10031.8976	12.82	12.82	0	ANNUAL	AREA	S
610336.43	4206022.03	10473.56452	12.82	12.82	0	ANNUAL	AREA	S
610343.43	4206022.03	10943.17193	12.8	12.8	0	ANNUAL	AREA	S
610350.43	4206022.03	11445.81339	12.72	12.72	0	ANNUAL	AREA	S
610357.43	4206022.03	11978.78521	12.64	12.64	0	ANNUAL	AREA	S
610364.43	4206022.03	12547.45999	12.56	12.56	0	ANNUAL	AREA	S
610371.43	4206022.03	13150.58967	12.49	12.49	0	ANNUAL	AREA	S
610378.43	4206022.03	13793.71043	12.41	12.41	0	ANNUAL	AREA	S
610385.43	4206022.03	14478.96305	12.33	12.33	0	ANNUAL	AREA	S
610392.43	4206022.03	15209.77571	12.25	12.25	0	ANNUAL	AREA	S
610399.43	4206022.03	15990.03263	12.17	12.17	0	ANNUAL	AREA	S
610406.43	4206022.03	16823.60829	12.09	12.09	0	ANNUAL	AREA	S
610413.43	4206022.03	17714.89868	12.01	12.01	0	ANNUAL	AREA	S
610420.43	4206022.03	18661.2206	11.99	11.99	0	ANNUAL	AREA	S
610427.43	4206022.03	19674.88379	11.97	11.97	0	ANNUAL	AREA	S
610434.43	4206022.03	20761.64235	11.95	11.95	0	ANNUAL	AREA	S
610441.43	4206022.03	21926.76761	11.94	11.94	0	ANNUAL	AREA	S
610448.43	4206022.03	23180.49025	11.92	11.92	0	ANNUAL	AREA	S
610455.43	4206022.03	24527.93882	11.91	11.91	0	ANNUAL	AREA	S
610462.43	4206022.03	25981.91262	11.89	11.89	0	ANNUAL	AREA	S
610469.43	4206022.03	27540.3532	11.88	11.88	0	ANNUAL	AREA	S
610476.43	4206022.03	29246.1009	11.86	11.86	0	ANNUAL	AREA	S
610483.43	4206022.03	31081.72454	11.85	11.85	0	ANNUAL	AREA	S
610504.43	4206022.03	37654.01228	11.65	11.65	0	ANNUAL	AREA	S
610511.43	4206022.03	40264.86673	11.57	11.57	0	ANNUAL	AREA	S
610518.43	4206022.03	43131.32207	11.49	11.49	0	ANNUAL	AREA	S
610525.43	4206022.03	46290.33999	11.41	11.41	0	ANNUAL	AREA	S
610532.43	4206022.03	49786.16	11.33	11.33	0	ANNUAL	AREA	S
610539.43	4206022.03	53672.95318	11.25	11.25	0	ANNUAL	AREA	S
610546.43	4206022.03	58018.34618	11.17	11.17	0	ANNUAL	AREA	S
610553.43	4206022.03	62907.13395	11.09	11.09	0	ANNUAL	AREA	S
610560.43	4206022.03	68448.11768	11.01	11.01	0	ANNUAL	AREA	S
610567.43	4206022.03	74796.55393	10.91	10.91	0	ANNUAL	AREA	S
610574.43	4206022.03	82121.29669	10.82	10.82	0	ANNUAL	AREA	S
610581.43	4206022.03	90691.87793	10.72	10.72	0	ANNUAL	AREA	S
610588.43	4206022.03	100847.7971	10.62	10.62	0	ANNUAL	AREA	S
610595.43	4206022.03	113043.7461	10.53	10.53	0	ANNUAL	AREA	S
610602.43	4206022.03	127891.5998	10.43	10.43	0	ANNUAL	AREA	S
610609.43	4206022.03	145568.4029	10.34	10.34	0	ANNUAL	AREA	S
610777.43	4206022.03	58042.78395	9	9	0	ANNUAL	AREA	S
610784.43	4206022.03	52003.35335	9	9	0	ANNUAL	AREA	S
610791.43	4206022.03	46612.28785	9	9	0	ANNUAL	AREA	S
610798.43	4206022.03	41785.8822	9	9	0	ANNUAL	AREA	S
610805.43	4206022.03	37589.28266	9	9	0	ANNUAL	AREA	S
610812.43	4206022.03	33987.90743	9	9	0	ANNUAL	AREA	S
610819.43	4206022.03	30908.62965	9	9	0	ANNUAL	AREA	S
610826.43	4206022.03	28258.72512	9	9	0	ANNUAL	AREA	S
610833.43	4206022.03	25958.21647	9	9	0	ANNUAL	AREA	S
610840.43	4206022.03	23953.98079	9	9	0	ANNUAL	AREA	S
610847.43	4206022.03	22197.7349	9	9	0	ANNUAL	AREA	S
610854.43	4206022.03	20646.38899	9	9	0	ANNUAL	AREA	S
610861.43	4206022.03	19268.64592	9	9	0	ANNUAL	AREA	S
610868.43	4206022.03	18038.39069	9	9	0	ANNUAL	AREA	S
610875.43	4206022.03	16934.61167	9	9	0	ANNUAL	AREA	S
610882.43	4206022.03	15940.00452	9	9	0	ANNUAL	AREA	S
610889.43	4206022.03	15039.70387	9	9	0	ANNUAL	AREA	S
610896.43	4206022.03	14221.57563	9	9	0	ANNUAL	AREA	S
610903.43	4206022.03	13475.26991	9	9	0	ANNUAL	AREA	S
610910.43	4206022.03	12792.11287	9	9	0	ANNUAL	AREA	S
610917.43	4206022.03	12164.78184	9	9	0	ANNUAL	AREA	S
610924.43	4206022.03	11586.88561	9	9	0	ANNUAL	AREA	S
610931.43	4206022.03	11052.98277	9	9	0	ANNUAL	AREA	S
610938.43	4206022.03	10558.44439	9	9	0	ANNUAL	AREA	S
610945.43	4206022.03	10099.15692	9	9	0	ANNUAL	AREA	S
610952.43	4206022.03	9671.65409	9	9	0	ANNUAL	AREA	S
610959.43	4206022.03	9272.81007	9	9	0	ANNUAL	AREA	S
610980.43	4206022.03	8222.91473	9	9	0	ANNUAL	AREA	S
610987.43	4206022.03	7914.80811	9	9	0	ANNUAL	AREA	S
610994.43	4206022.03	7624.69489	9	9	0	ANNUAL	AREA	S
611001.43	4206022.03	7351.13219	9	9	0	ANNUAL	AREA	S
611008.43	4206022.03	7092.79809	9	9	0	ANNUAL	AREA	S
611015.43	4206022.03	6848.53278	9	9	0	ANNUAL	AREA	S
611022.43	4206022.03	6617.3001	9	9	0	ANNUAL	AREA	S
611029.43	4206022.03	6398.09049	9	9	0	ANNUAL	AREA	S
611036.43	4206022.03	6190.06188	9	9	0	ANNUAL	AREA	S
611043.43	4206022.03	5992.42774	9	9	0	ANNUAL	AREA	S
611050.43	4206022.03	5804.51737	9	9	0	ANNUAL	AREA	S
611057.43	4206022.03	5625.66036	9	9	0	ANNUAL	AREA	S
611064.43	4206022.03	5455.24156	9	9	0	ANNUAL	AREA	S
611071.43	4206022.03	5292.72487	9	9	0	ANNUAL	AREA	S
611078.43	4206022.03	5137.6204	9	9	0	ANNUAL	AREA	S
611085.43	4206022.03	4989.47967	9	9	0	ANNUAL	AREA	S
610294.43	4206029.03	8082.59203	12.74	12.74	0	ANNUAL	AREA	S
610301.43	4206029.03	8413.45096	12.74	12.74	0	ANNUAL	AREA	S
610308.43	4206029.03	8763.1741	12.74	12.74	0	ANNUAL	AREA	S
610315.43	4206029.03	9133.19399	12.74	12.74	0	ANNUAL	AREA	S
610322.43	4206029.03	9524.90085	12.74	12.74	0	ANNUAL	AREA	S
610329.43	4206029.03	9939.93896	12.74	12.74	0	ANNUAL	AREA	S
610336.43	4206029.03	10379.83912	12.74	12.74	0	ANNUAL	AREA	S
610343.43	4206029.03	10848.00952	12.72	12.72	0	ANNUAL	AREA	S
610350.43	4206029.03	11348.65283	12.65	12.65	0	ANNUAL	AREA	S
610357.43	4206029.03	11880.86587	12.58	12.58	0	ANNUAL	AREA	S
610364.43	4206029.03	12447.10352	12.51	12.51	0	ANNUAL	AREA	S
610371.43	4206029.03	13049.94529	12.44	12.44	0	ANNUAL	AREA	S
610378.43	4206029.03	13692.28783	12.37	12.37	0	ANNUAL	AREA	S
610385.43	4206029.03	14377.29714	12.3	12.3	0	ANNUAL	AREA	S
610392.43	4206029.03	15108.46701	12.23	12.23	0	ANNUAL	AREA	S
610399.43	4206029.03	15890.65927	12.15	12.15	0	ANNUAL	AREA	S
610406.43	4206029.03	16725.96188	12.08	12.08	0	ANNUAL	AREA	S
610413.43	4206029.03	17620.07454	12.01	12.01	0	ANNUAL	AREA	S
610420.43	4206029.03	18572.63175	11.98	11.98	0	ANNUAL	AREA	S
610427.43	4206029.03	19592.69196	11.96	11.96	0	ANNUAL	AREA	S
610434.43	4206029.03	20688.99923	11.93	11.93	0	ANNUAL	AREA	S
610441.43	4206029.03	21865.60988	11.91	11.91	0	ANNUAL	AREA	S
610448.43	4206029.03	23131.58373	11.89	11.89	0	ANNUAL	AREA	S
610455.43	4206029.03	24495.62632	11.87	11.87	0	ANNUAL	AREA	S

610462.43	4206029.03	25969.221	11.84	11.84	0	ANNUAL	AREA	S
610469.43	4206029.03	27559.93339	11.82	11.82	0	ANNUAL	AREA	S
610476.43	4206029.03	29281.96005	11.8	11.8	0	ANNUAL	AREA	S
610483.43	4206029.03	31149.82215	11.78	11.78	0	ANNUAL	AREA	S
610504.43	4206029.03	37847.13744	11.59	11.59	0	ANNUAL	AREA	S
610511.43	4206029.03	40513.82579	11.52	11.52	0	ANNUAL	AREA	S
610518.43	4206029.03	43446.74456	11.45	11.45	0	ANNUAL	AREA	S
610525.43	4206029.03	46688.49889	11.37	11.37	0	ANNUAL	AREA	S
610532.43	4206029.03	50278.88882	11.3	11.3	0	ANNUAL	AREA	S
610539.43	4206029.03	54279.67672	11.23	11.23	0	ANNUAL	AREA	S
610546.43	4206029.03	58768.39594	11.15	11.15	0	ANNUAL	AREA	S
610553.43	4206029.03	63826.94119	11.08	11.08	0	ANNUAL	AREA	S
610560.43	4206029.03	69585.20383	11	11	0	ANNUAL	AREA	S
610567.43	4206029.03	76200.66182	10.91	10.91	0	ANNUAL	AREA	S
610574.43	4206029.03	83885.27816	10.81	10.81	0	ANNUAL	AREA	S
610581.43	4206029.03	92908.8775	10.72	10.72	0	ANNUAL	AREA	S
610588.43	4206029.03	103686.1557	10.62	10.62	0	ANNUAL	AREA	S
610595.43	4206029.03	116737.8732	10.53	10.53	0	ANNUAL	AREA	S
610602.43	4206029.03	132751.2685	10.43	10.43	0	ANNUAL	AREA	S
610609.43	4206029.03	151844.9251	10.34	10.34	0	ANNUAL	AREA	S
610777.43	4206029.03	74831.85764	9	9	0	ANNUAL	AREA	S
610784.43	4206029.03	67440.13853	9	9	0	ANNUAL	AREA	S
610791.43	4206029.03	59648.67144	9	9	0	ANNUAL	AREA	S
610798.43	4206029.03	52492.5113	9	9	0	ANNUAL	AREA	S
610805.43	4206029.03	46436.81855	9	9	0	ANNUAL	AREA	S
610833.43	4206029.03	30662.21417	9	9	0	ANNUAL	AREA	S
610840.43	4206029.03	28079.07362	9	9	0	ANNUAL	AREA	S
610847.43	4206029.03	25844.90163	9	9	0	ANNUAL	AREA	S
610854.43	4206029.03	23895.32877	9	9	0	ANNUAL	AREA	S
610861.43	4206029.03	22181.18616	9	9	0	ANNUAL	AREA	S
610868.43	4206029.03	20664.07254	9	9	0	ANNUAL	AREA	S
610875.43	4206029.03	19313.74379	9	9	0	ANNUAL	AREA	S
610882.43	4206029.03	18105.41394	9	9	0	ANNUAL	AREA	S
610889.43	4206029.03	17018.7068	9	9	0	ANNUAL	AREA	S
610896.43	4206029.03	16036.87043	9	9	0	ANNUAL	AREA	S
610903.43	4206029.03	15146.02668	9	9	0	ANNUAL	AREA	S
610910.43	4206029.03	14334.64664	9	9	0	ANNUAL	AREA	S
610917.43	4206029.03	13592.91615	9	9	0	ANNUAL	AREA	S
610924.43	4206029.03	12912.54133	9	9	0	ANNUAL	AREA	S
610931.43	4206029.03	12286.4061	9	9	0	ANNUAL	AREA	S
610938.43	4206029.03	11708.66691	9	9	0	ANNUAL	AREA	S
610945.43	4206029.03	11174.03478	9	9	0	ANNUAL	AREA	S
610952.43	4206029.03	10678.04618	9	9	0	ANNUAL	AREA	S
610987.43	4206029.03	8657.23228	9	9	0	ANNUAL	AREA	S
610994.43	4206029.03	8326.3126	9	9	0	ANNUAL	AREA	S
611001.43	4206029.03	8015.05025	9	9	0	ANNUAL	AREA	S
611008.43	4206029.03	7721.81803	9	9	0	ANNUAL	AREA	S
611015.43	4206029.03	7445.12983	9	9	0	ANNUAL	AREA	S
611022.43	4206029.03	7183.85761	9	9	0	ANNUAL	AREA	S
611029.43	4206029.03	6936.6255	9	9	0	ANNUAL	AREA	S
611036.43	4206029.03	6702.52943	9	9	0	ANNUAL	AREA	S
611043.43	4206029.03	6480.54881	9	9	0	ANNUAL	AREA	S
611050.43	4206029.03	6269.85816	9	9	0	ANNUAL	AREA	S
611057.43	4206029.03	6069.70518	9	9	0	ANNUAL	AREA	S
611064.43	4206029.03	5879.29358	9	9	0	ANNUAL	AREA	S
611071.43	4206029.03	5698.05114	9	9	0	ANNUAL	AREA	S
611078.43	4206029.03	5525.31644	9	9	0	ANNUAL	AREA	S
611085.43	4206029.03	5360.62788	9	9	0	ANNUAL	AREA	S
610294.43	4206036.03	7996.70704	12.66	12.66	0	ANNUAL	AREA	S
610301.43	4206036.03	8325.00538	12.66	12.66	0	ANNUAL	AREA	S
610308.43	4206036.03	8672.21011	12.66	12.66	0	ANNUAL	AREA	S
610315.43	4206036.03	9039.7229	12.66	12.66	0	ANNUAL	AREA	S
610322.43	4206036.03	9428.01133	12.66	12.66	0	ANNUAL	AREA	S
610329.43	4206036.03	9840.92753	12.67	12.67	0	ANNUAL	AREA	S
610336.43	4206036.03	10278.58553	12.67	12.67	0	ANNUAL	AREA	S
610343.43	4206036.03	10744.51267	12.65	12.65	0	ANNUAL	AREA	S
610350.43	4206036.03	11243.24615	12.58	12.58	0	ANNUAL	AREA	S
610357.43	4206036.03	11772.95528	12.52	12.52	0	ANNUAL	AREA	S
610364.43	4206036.03	12336.87001	12.46	12.46	0	ANNUAL	AREA	S
610371.43	4206036.03	12938.49579	12.39	12.39	0	ANNUAL	AREA	S
610378.43	4206036.03	13579.14472	12.33	12.33	0	ANNUAL	AREA	S
610385.43	4206036.03	14262.83391	12.27	12.27	0	ANNUAL	AREA	S
610392.43	4206036.03	14994.12015	12.2	12.2	0	ANNUAL	AREA	S
610399.43	4206036.03	15774.99383	12.14	12.14	0	ANNUAL	AREA	S
610406.43	4206036.03	16611.80629	12.07	12.07	0	ANNUAL	AREA	S
610413.43	4206036.03	17506.96618	12.01	12.01	0	ANNUAL	AREA	S
610420.43	4206036.03	18464.34387	11.97	11.97	0	ANNUAL	AREA	S
610427.43	4206036.03	19490.43095	11.94	11.94	0	ANNUAL	AREA	S
610434.43	4206036.03	20592.86633	11.91	11.91	0	ANNUAL	AREA	S
610441.43	4206036.03	21778.93487	11.88	11.88	0	ANNUAL	AREA	S
610448.43	4206036.03	23056.48034	11.85	11.85	0	ANNUAL	AREA	S
610455.43	4206036.03	24434.55726	11.82	11.82	0	ANNUAL	AREA	S
610462.43	4206036.03	25923.31342	11.79	11.79	0	ANNUAL	AREA	S
610469.43	4206036.03	27534.29419	11.76	11.76	0	ANNUAL	AREA	S
610476.43	4206036.03	29280.35574	11.73	11.73	0	ANNUAL	AREA	S
610483.43	4206036.03	31174.45199	11.71	11.71	0	ANNUAL	AREA	S
610504.43	4206036.03	37981.37134	11.53	11.53	0	ANNUAL	AREA	S
610511.43	4206036.03	40696.9063	11.47	11.47	0	ANNUAL	AREA	S
610518.43	4206036.03	43691.39088	11.4	11.4	0	ANNUAL	AREA	S
610525.43	4206036.03	46998.28906	11.34	11.34	0	ANNUAL	AREA	S
610532.43	4206036.03	50675.24244	11.27	11.27	0	ANNUAL	AREA	S
610539.43	4206036.03	54779.61685	11.2	11.2	0	ANNUAL	AREA	S
610546.43	4206036.03	59382.55058	11.14	11.14	0	ANNUAL	AREA	S
610553.43	4206036.03	64592.20261	11.07	11.07	0	ANNUAL	AREA	S
610560.43	4206036.03	70528.67394	11	11	0	ANNUAL	AREA	S
610567.43	4206036.03	77374.25313	10.91	10.91	0	ANNUAL	AREA	S
610574.43	4206036.03	85350.20328	10.81	10.81	0	ANNUAL	AREA	S
610581.43	4206036.03	94746.19419	10.72	10.72	0	ANNUAL	AREA	S
610588.43	4206036.03	106013.1381	10.62	10.62	0	ANNUAL	AREA	S
610595.43	4206036.03	119710.7396	10.53	10.53	0	ANNUAL	AREA	S
610602.43	4206036.03	136573.3484	10.43	10.43	0	ANNUAL	AREA	S
610609.43	4206036.03	156654.8199	10.34	10.34	0	ANNUAL	AREA	S
610777.43	4206036.03	100058.442	9	9	0	ANNUAL	AREA	S
610784.43	4206036.03	89232.25828	9	9	0	ANNUAL	AREA	S
610791.43	4206036.03	76978.32551	9	9	0	ANNUAL	AREA	S
610798.43	4206036.03	66202.37971	9	9	0	ANNUAL	AREA	S
610805.43	4206036.03	57481.41009	9	9	0	ANNUAL	AREA	S
610840.43	4206036.03	32902.69888	9	9	0	ANNUAL	AREA	S
610847.43	4206036.03	30078.31193	9	9	0	ANNUAL	AREA	S
610854.43	4206036.03	27641.66505	9	9	0	ANNUAL	AREA	S
610861.43	4206036.03	25520.10908	9	9	0	ANNUAL	AREA	S
610868.43	4206036.03	23658.58737	9	9	0	ANNUAL	AREA	S
610875.43	4206036.03	22014.50999	9	9	0	ANNUAL	AREA	S
610882.43	4206036.03	20553.17678	9	9	0	ANNUAL	AREA	S
610889.43	4206036.03	19247.02528	9	9	0	ANNUAL	AREA	S
610896.43	4206036.03	18073.58207	9	9	0	ANNUAL	AREA	S
610903.43	4206036.03	17014.44214	9	9	0	ANNUAL	AREA	S
610910.43	4206036.03	16054.36146	9	9	0	ANNUAL	AREA	S
610917.43	4206036.03	15180.50902	9	9	0	ANNUAL	AREA	S
610924.43	4206036.03	14382.21006	9	9	0	ANNUAL	AREA	S
610931.43	4206036.03	13650.54063	9	9	0	ANNUAL	AREA	S
610938.43	4206036.03	12977.71857	9	9	0	ANNUAL	AREA	S
610945.43	4206036.03	12357.30614	9	9	0	ANNUAL	AREA	S
611008.43	4206036.03	8403.76282	9	9	0	ANNUAL	AREA	S
611015.43	4206036.03	8091.16655	9	9	0	ANNUAL	AREA	S
611022.43	4206036.03	7796.4926	9	9	0	ANNUAL	AREA	S
611029.43	4206036.03	7518.34622	9	9	0	ANNUAL	AREA	S
611036.43	4206036.03	7255.42553	9	9	0	ANNUAL	AREA	S
611043.43	4206036.03	7006.58159	9	9	0	ANNUAL	AREA	S
611050.43	4206036.03	6770.82722	9	9	0	ANNUAL	AREA	S
611057.43	4206036.03	6547.21836	9	9	0	ANNUAL	AREA	S
611064.43	4206036.03	6334.88741	9	9	0	ANNUAL	AREA	S
611071.43	4206036.03	6133.05944	9	9	0	ANNUAL	AREA	S
611078.43	4206036.03	5941.08012	9	9	0	ANNUAL	AREA	S
610294.43	4206043.03	7907.00123	12.58	12.58	0	ANNUAL	AREA	S
610301.43	4206043.03	8231.80088	12.59	12.59	0	ANNUAL	AREA	S
610308.43	4206043.03	8576.09297	12.59	12.59	0	ANNUAL	AREA	S
610315.43	4206043.03	8940.60493	12.59	12.59	0	ANNUAL	AREA	S
610322.43	4206043.03	9326.9135	12.59	12.59	0	ANNUAL	AREA	S
610329.43	4206043.03	9736.57153	12.59	12.59	0	ANNUAL	AREA	S
610336.43	4206043.03	10171.3274	12.59	12.59	0	ANNUAL	AREA	S
610343.43	4206043.03	10634.55433	12.57	12.57	0	ANNUAL	AREA	S
610350.43	4206043.03	11129.19218	12.52	12.52	0	ANNUAL	AREA	S
610357.43	4206043.03	11656.41232	12.46	12.46	0	ANNUAL	AREA	S
610364.43	4206043.03	12217.13153	12.41	12.41	0	ANNUAL	AREA	S
610371.43	4206043.03	12815.81225	12.35	12.35	0	ANNUAL	AREA	S
610378.43	4206043.03	13454.65586	12.29	12.29	0	ANNUAL	AREA	S
610385.43	4206043.03	14135.89148	12.24	12.24	0	ANNUAL	AREA	S
610392.43	4206043.03	14865.10153	12.18	12.18	0	ANNUAL	AREA	S
610399.43	4206043.03	15645.42992	12.12	12.12	0	ANNUAL	AREA	S
610406.43	4206043.03	16481.27474	12.06	12.06	0	ANNUAL	AREA	S
610413.43	4206043.03	17376.0975	12.01	12.01	0	ANNUAL	AREA	S
610420.43	4206043.03	18335.08415	11.97	11.97	0	ANNUAL	AREA	S
610427.43	4206043.03	19365.35528	11.93	11.93	0	ANNUAL	AREA	S
610434.43	4206043.03	20473.452	11.89	11.89	0	ANNUAL	AREA	S
610441.43	4206043.03	21666.89161	11.85	11.85	0	ANNUAL	AREA	S
610448.43	4206043.03	22951.99793	11.82	11.82	0	ANNUAL	AREA	S
610455.43	4206043.03	24341.53934	11.78	11.78	0	ANNUAL	AREA	S
610462.43	4206043.03	25844.26268	11.74	11.74	0	ANNUAL	AREA	S
610469.43	4206043.03	27470.15173	11.71	11.71	0	ANNUAL	AREA	S
610476.43	4206043.03	29236.79127	11.67	11.67	0	ANNUAL	AREA	S
610483.43	4206043.03	31157.86262	11.63	11.63	0	ANNUAL	AREA	S
610497.43	4206043.03	35544.43342	11.53	11.53	0	ANNUAL	AREA	S
610504.43	4206043.03	38056.62895	11.47	11.47	0	ANNUAL	AREA	S
610511.43	4206043.03	40817.49933	11.41	11.41	0	ANNUAL	AREA	S
610518.43	4206043.03	43858.15792	11.36	11.36	0	ANNUAL	AREA	S
610525.43	4206043.03	47228.39251	11.3	11.3	0	ANNUAL	AREA	S
610532.43	4206043.03	50976.15598	11.24	11.24	0	ANNUAL	AREA	S
610539.43	4206043.03	55165.05326	11.18	11.18	0	ANNUAL	AREA	S
610546.43	4206043.03	59874.76977	11.12	11.12	0	ANNUAL	AREA	S
610553.43	4206043.03	65206.4371	11.06	11.06	0	ANNUAL	AREA	S
610560.43	4206043.03	71291.13275	11	11	0	ANNUAL	AREA	S
610567.43	4206043.03	78327.53153	10.91	10.91	0	ANNUAL	AREA	S
610574.43	4206043.03	86539.99552	10.81	10.81	0	ANNUAL	AREA	S
610581.43	4206043.03	96232.52241	10.72	10.72	0	ANNUAL	AREA	S
610588.43	4206043.03	107876.1587	10.62	10.62	0	ANNUAL	AREA	S
610595.43	4206043.03	122051.0159	10.53	10.53	0	ANNUAL	AREA	S
610602.43	4206043.03	139526.7461	10.43	10.43	0	ANNUAL	AREA	S
610609.43	4206043.03	160378.4083	10.33	10.33	0	ANNUAL	AREA	S
610777.43	4206043.03	129944.4748	9	9	0	ANNUAL	AREA	S
610784.43	4206043.03	114370.0301	9	9	0	ANNUAL	AREA	S
610791.43	4206043.03	96899.83197	9	9	0	ANNUAL	AREA	S
610798.43	4206043.03	82003.41088	9	9	0	ANNUAL	AREA	S
610805.43	4206043.03	70208.96539	9	9	0	ANNUAL	AREA	S
610840.43	4206043.03	38371.77179	9	9	0	ANNUAL	AREA	S
610847.43	4206043.03	34861.62377	9	9	0	ANNUAL	AREA	S
610854.43	4206043.03	31860.56543	9	9	0	ANNUAL	AREA	S
610861.43	4206043.03	29268.19243	9	9	0	ANNUAL	AREA	S
610868.43	4206043.03	27010.06835	9	9	0	ANNUAL	AREA	S
610875.43	4206043.03	25038.34207	9	9	0	ANNUAL	AREA	S
610882.43	4206043.03	23277.3097	9	9	0	ANNUAL	AREA	S
610889.43	4206043.03	21720.67568	9	9	0	ANNUAL	AREA	S
610896.43	4206043.03	20328.99912	9	9	0	ANNUAL	AREA	S
610903.43	4206043.03	19078.73631	9	9	0	ANNUAL	AREA	S
610910.43	4206043.03	17950.25502	9	9	0	ANNUAL	AREA	S
610917.43	4206043.03	16927.23196	9	9	0	ANNUAL	AREA	S

610924.43	4206043.03	15996.13448	9	9	0	ANNUAL	AREA	S
610931.43	4206043.03	15145.70393	9	9	0	ANNUAL	AREA	S
610938.43	4206043.03	14366.33533	9	9	0	ANNUAL	AREA	S
610966.43	4206043.03	11812.80102	9	9	0	ANNUAL	AREA	S
610973.43	4206043.03	11287.06212	9	9	0	ANNUAL	AREA	S
610294.43	4206050.03	7813.06624	12.51	12.51	0	ANNUAL	AREA	S
610301.43	4206050.03	8135.18581	12.51	12.51	0	ANNUAL	AREA	S
610308.43	4206050.03	8476.03497	12.51	12.51	0	ANNUAL	AREA	S
610315.43	4206050.03	8837.2143	12.51	12.51	0	ANNUAL	AREA	S
610322.43	4206050.03	9220.07604	12.51	12.51	0	ANNUAL	AREA	S
610329.43	4206050.03	9626.35848	12.51	12.51	0	ANNUAL	AREA	S
610336.43	4206050.03	10057.68838	12.51	12.51	0	ANNUAL	AREA	S
610343.43	4206050.03	10516.82394	12.5	12.5	0	ANNUAL	AREA	S
610350.43	4206050.03	11008.14541	12.45	12.45	0	ANNUAL	AREA	S
610357.43	4206050.03	11531.30933	12.4	12.4	0	ANNUAL	AREA	S
610364.43	4206050.03	12088.94079	12.35	12.35	0	ANNUAL	AREA	S
610371.43	4206050.03	12683.74063	12.3	12.3	0	ANNUAL	AREA	S
610378.43	4206050.03	13318.89238	12.25	12.25	0	ANNUAL	AREA	S
610385.43	4206050.03	13996.63097	12.21	12.21	0	ANNUAL	AREA	S
610392.43	4206050.03	14722.63472	12.16	12.16	0	ANNUAL	AREA	S
610399.43	4206050.03	15500.06307	12.11	12.11	0	ANNUAL	AREA	S
610406.43	4206050.03	16333.29649	12.06	12.06	0	ANNUAL	AREA	S
610413.43	4206050.03	17227.39973	12.01	12.01	0	ANNUAL	AREA	S
610420.43	4206050.03	18187.77944	11.96	11.96	0	ANNUAL	AREA	S
610427.43	4206050.03	19220.52561	11.91	11.91	0	ANNUAL	AREA	S
610434.43	4206050.03	20330.88989	11.87	11.87	0	ANNUAL	AREA	S
610441.43	4206050.03	21527.87126	11.83	11.83	0	ANNUAL	AREA	S
610448.43	4206050.03	22821.55704	11.78	11.78	0	ANNUAL	AREA	S
610455.43	4206050.03	24218.26273	11.74	11.74	0	ANNUAL	AREA	S
610462.43	4206050.03	25732.3733	11.69	11.69	0	ANNUAL	AREA	S
610469.43	4206050.03	27372.12241	11.65	11.65	0	ANNUAL	AREA	S
610476.43	4206050.03	29155.98407	11.6	11.6	0	ANNUAL	AREA	S
610483.43	4206050.03	31095.45724	11.56	11.56	0	ANNUAL	AREA	S
610497.43	4206050.03	35531.57084	11.46	11.46	0	ANNUAL	AREA	S
610504.43	4206050.03	38073.16229	11.41	11.41	0	ANNUAL	AREA	S
610511.43	4206050.03	40869.24688	11.36	11.36	0	ANNUAL	AREA	S
610518.43	4206050.03	43955.63047	11.31	11.31	0	ANNUAL	AREA	S
610525.43	4206050.03	47375.97723	11.26	11.26	0	ANNUAL	AREA	S
610532.43	4206050.03	51183.08273	11.21	11.21	0	ANNUAL	AREA	S
610539.43	4206050.03	55442.70543	11.16	11.16	0	ANNUAL	AREA	S
610546.43	4206050.03	60236.53157	11.11	11.11	0	ANNUAL	AREA	S
610553.43	4206050.03	65675.68629	11.05	11.05	0	ANNUAL	AREA	S
610560.43	4206050.03	71881.3515	11	11	0	ANNUAL	AREA	S
610567.43	4206050.03	79073.46987	10.91	10.91	0	ANNUAL	AREA	S
610574.43	4206050.03	87475.93821	10.81	10.81	0	ANNUAL	AREA	S
610581.43	4206050.03	97400.3248	10.72	10.72	0	ANNUAL	AREA	S
610588.43	4206050.03	109330.311	10.62	10.62	0	ANNUAL	AREA	S
610595.43	4206050.03	123879.5494	10.52	10.52	0	ANNUAL	AREA	S
610602.43	4206050.03	141773.6122	10.43	10.43	0	ANNUAL	AREA	S
610609.43	4206050.03	163151.0283	10.33	10.33	0	ANNUAL	AREA	S
610777.43	4206050.03	158472.5895	9	9	0	ANNUAL	AREA	S
610784.43	4206050.03	138926.2574	9	9	0	ANNUAL	AREA	S
610791.43	4206050.03	117140.2135	9	9	0	ANNUAL	AREA	S
610798.43	4206050.03	98541.6078	9	9	0	ANNUAL	AREA	S
610805.43	4206050.03	83797.48981	9	9	0	ANNUAL	AREA	S
610812.43	4206050.03	72197.18118	9	9	0	ANNUAL	AREA	S
610833.43	4206050.03	49445.39502	9	9	0	ANNUAL	AREA	S
610840.43	4206050.03	44380.98354	9	9	0	ANNUAL	AREA	S
610847.43	4206050.03	40120.74165	9	9	0	ANNUAL	AREA	S
610854.43	4206050.03	36497.97977	9	9	0	ANNUAL	AREA	S
610861.43	4206050.03	33385.86702	9	9	0	ANNUAL	AREA	S
610868.43	4206050.03	30689.04026	9	9	0	ANNUAL	AREA	S
610875.43	4206050.03	28331.48356	9	9	0	ANNUAL	AREA	S
610882.43	4206050.03	26261.38303	9	9	0	ANNUAL	AREA	S
610889.43	4206050.03	24427.01192	9	9	0	ANNUAL	AREA	S
610896.43	4206050.03	22793.77962	9	9	0	ANNUAL	AREA	S
610903.43	4206050.03	21331.8119	9	9	0	ANNUAL	AREA	S
610910.43	4206050.03	20016.76374	9	9	0	ANNUAL	AREA	S
610917.43	4206050.03	18828.64672	9	9	0	ANNUAL	AREA	S
610924.43	4206050.03	17750.88963	9	9	0	ANNUAL	AREA	S
610931.43	4206050.03	16769.34219	9	9	0	ANNUAL	AREA	S
610938.43	4206050.03	15872.42523	9	9	0	ANNUAL	AREA	S
610959.43	4206050.03	13596.80502	9	9	0	ANNUAL	AREA	S
610966.43	4206050.03	12952.22586	9	9	0	ANNUAL	AREA	S
610973.43	4206050.03	12354.8528	9	9	0	ANNUAL	AREA	S
610980.43	4206050.03	11799.9253	9	9	0	ANNUAL	AREA	S
610987.43	4206050.03	11283.33881	9	9	0	ANNUAL	AREA	S
610994.43	4206050.03	10801.4524	9	9	0	ANNUAL	AREA	S
611071.43	4206050.03	7094.37278	9	9	0	ANNUAL	AREA	S
611078.43	4206050.03	6858.68412	9	9	0	ANNUAL	AREA	S
611085.43	4206050.03	6634.90394	9	9	0	ANNUAL	AREA	S
611092.43	4206050.03	6422.15317	9	9	0	ANNUAL	AREA	S
610294.43	4206057.03	7716.201	12.43	12.43	0	ANNUAL	AREA	S
610301.43	4206057.03	8034.58471	12.43	12.43	0	ANNUAL	AREA	S
610308.43	4206057.03	8371.27493	12.44	12.44	0	ANNUAL	AREA	S
610315.43	4206057.03	8728.5736	12.44	12.44	0	ANNUAL	AREA	S
610322.43	4206057.03	9107.58779	12.44	12.44	0	ANNUAL	AREA	S
610329.43	4206057.03	9509.79531	12.44	12.44	0	ANNUAL	AREA	S
610336.43	4206057.03	9937.18894	12.44	12.44	0	ANNUAL	AREA	S
610343.43	4206057.03	10392.28355	12.43	12.43	0	ANNUAL	AREA	S
610350.43	4206057.03	10879.59688	12.38	12.38	0	ANNUAL	AREA	S
610357.43	4206057.03	11398.0531	12.34	12.34	0	ANNUAL	AREA	S
610364.43	4206057.03	11950.86215	12.3	12.3	0	ANNUAL	AREA	S
610371.43	4206057.03	12540.93309	12.26	12.26	0	ANNUAL	AREA	S
610378.43	4206057.03	13171.31201	12.22	12.22	0	ANNUAL	AREA	S
610385.43	4206057.03	13846.42076	12.17	12.17	0	ANNUAL	AREA	S
610392.43	4206057.03	14568.04967	12.13	12.13	0	ANNUAL	AREA	S
610399.43	4206057.03	15341.3232	12.09	12.09	0	ANNUAL	AREA	S
610406.43	4206057.03	16170.73995	12.05	12.05	0	ANNUAL	AREA	S
610413.43	4206057.03	17062.54472	12	12	0	ANNUAL	AREA	S
610420.43	4206057.03	18021.39549	11.95	11.95	0	ANNUAL	AREA	S
610427.43	4206057.03	19053.37848	11.9	11.9	0	ANNUAL	AREA	S
610434.43	4206057.03	20165.45436	11.85	11.85	0	ANNUAL	AREA	S
610441.43	4206057.03	21365.43956	11.8	11.8	0	ANNUAL	AREA	S
610448.43	4206057.03	22663.74625	11.74	11.74	0	ANNUAL	AREA	S
610455.43	4206057.03	24066.80565	11.69	11.69	0	ANNUAL	AREA	S
610462.43	4206057.03	25587.31338	11.64	11.64	0	ANNUAL	AREA	S
610469.43	4206057.03	27238.03197	11.59	11.59	0	ANNUAL	AREA	S
610476.43	4206057.03	29033.28614	11.54	11.54	0	ANNUAL	AREA	S
610483.43	4206057.03	30989.76802	11.49	11.49	0	ANNUAL	AREA	S
610497.43	4206057.03	35463.27513	11.4	11.4	0	ANNUAL	AREA	S
610504.43	4206057.03	38028.18905	11.36	11.36	0	ANNUAL	AREA	S
610511.43	4206057.03	40856.10428	11.31	11.31	0	ANNUAL	AREA	S
610518.43	4206057.03	43976.58916	11.27	11.27	0	ANNUAL	AREA	S
610525.43	4206057.03	47442.2454	11.22	11.22	0	ANNUAL	AREA	S
610532.43	4206057.03	51298.42823	11.18	11.18	0	ANNUAL	AREA	S
610539.43	4206057.03	55621.61267	11.13	11.13	0	ANNUAL	AREA	S
610546.43	4206057.03	60484.86813	11.09	11.09	0	ANNUAL	AREA	S
610553.43	4206057.03	65999.08044	11.05	11.05	0	ANNUAL	AREA	S
610560.43	4206057.03	72308.94131	11	11	0	ANNUAL	AREA	S
610567.43	4206057.03	79627.24697	10.91	10.91	0	ANNUAL	AREA	S
610574.43	4206057.03	88181.36183	10.81	10.81	0	ANNUAL	AREA	S
610581.43	4206057.03	98300.69741	10.71	10.71	0	ANNUAL	AREA	S
610588.43	4206057.03	110435.1131	10.62	10.62	0	ANNUAL	AREA	S
610595.43	4206057.03	125244.747	10.52	10.52	0	ANNUAL	AREA	S
610602.43	4206057.03	143454.0769	10.43	10.43	0	ANNUAL	AREA	S
610609.43	4206057.03	165211.5775	10.33	10.33	0	ANNUAL	AREA	S
610777.43	4206057.03	183117.31	9	9	0	ANNUAL	AREA	S
610784.43	4206057.03	160890.6253	9	9	0	ANNUAL	AREA	S
610791.43	4206057.03	136107.6898	9	9	0	ANNUAL	AREA	S
610798.43	4206057.03	114660.6443	9	9	0	ANNUAL	AREA	S
610805.43	4206057.03	97434.10232	9	9	0	ANNUAL	AREA	S
610812.43	4206057.03	83763.25255	9	9	0	ANNUAL	AREA	S
610819.43	4206057.03	72847.93934	9	9	0	ANNUAL	AREA	S
610833.43	4206057.03	56787.85522	9	9	0	ANNUAL	AREA	S
610840.43	4206057.03	50786.27615	9	9	0	ANNUAL	AREA	S
610847.43	4206057.03	45748.32032	9	9	0	ANNUAL	AREA	S
610854.43	4206057.03	41474.60964	9	9	0	ANNUAL	AREA	S
610861.43	4206057.03	37813.41327	9	9	0	ANNUAL	AREA	S
610868.43	4206057.03	34649.92184	9	9	0	ANNUAL	AREA	S
610875.43	4206057.03	31894.74128	9	9	0	ANNUAL	AREA	S
610882.43	4206057.03	29478.3059	9	9	0	ANNUAL	AREA	S
610889.43	4206057.03	27345.10771	9	9	0	ANNUAL	AREA	S
610896.43	4206057.03	25451.10631	9	9	0	ANNUAL	AREA	S
610903.43	4206057.03	23760.37581	9	9	0	ANNUAL	AREA	S
610910.43	4206057.03	22243.62416	9	9	0	ANNUAL	AREA	S
610917.43	4206057.03	20876.77212	9	9	0	ANNUAL	AREA	S
610924.43	4206057.03	19639.8472	9	9	0	ANNUAL	AREA	S
610931.43	4206057.03	18516.25161	9	9	0	ANNUAL	AREA	S
610938.43	4206057.03	17491.83393	9	9	0	ANNUAL	AREA	S
610959.43	4206057.03	14903.94836	9	9	0	ANNUAL	AREA	S
610966.43	4206057.03	14174.0833	9	9	0	ANNUAL	AREA	S
610973.43	4206057.03	13499.05987	9	9	0	ANNUAL	AREA	S
610980.43	4206057.03	12873.21489	9	9	0	ANNUAL	AREA	S
610987.43	4206057.03	12291.70544	9	9	0	ANNUAL	AREA	S
610994.43	4206057.03	11750.27869	9	9	0	ANNUAL	AREA	S
611001.43	4206057.03	11245.23949	9	9	0	ANNUAL	AREA	S
611008.43	4206057.03	10773.21686	9	9	0	ANNUAL	AREA	S
611015.43	4206057.03	10331.30501	9	9	0	ANNUAL	AREA	S
611022.43	4206057.03	9917.00745	9	9	0	ANNUAL	AREA	S
611029.43	4206057.03	9527.93604	9	9	0	ANNUAL	AREA	S
611036.43	4206057.03	9162.04135	9	9	0	ANNUAL	AREA	S
611043.43	4206057.03	8817.44742	9	9	0	ANNUAL	AREA	S
611050.43	4206057.03	8492.50173	9	9	0	ANNUAL	AREA	S
611057.43	4206057.03	8185.66711	9	9	0	ANNUAL	AREA	S
611064.43	4206057.03	7895.62637	9	9	0	ANNUAL	AREA	S
611071.43	4206057.03	7621.12081	9	9	0	ANNUAL	AREA	S
611078.43	4206057.03	7361.02075	9	9	0	ANNUAL	AREA	S
611085.43	4206057.03	7114.33283	9	9	0	ANNUAL	AREA	S
611092.43	4206057.03	6880.15926	9	9	0	ANNUAL	AREA	S
610294.43	4206064.03	7615.47714	12.36	12.36	0	ANNUAL	AREA	S
610301.43	4206064.03	7929.92453	12.36	12.36	0	ANNUAL	AREA	S
610308.43	4206064.03	8262.97833	12.36	12.36	0	ANNUAL	AREA	S
610315.43	4206064.03	8616.11807	12.36	12.36	0	ANNUAL	AREA	S
610322.43	4206064.03	8990.76209	12.36	12.36	0	ANNUAL	AREA	S
610329.43	4206064.03	9388.66008	12.36	12.36	0	ANNUAL	AREA	S
610336.43	4206064.03	9811.49773	12.36	12.36	0	ANNUAL	AREA	S
610343.43	4206064.03	10261.99294	12.35	12.35	0	ANNUAL	AREA	S
610350.43	4206064.03	10743.20599	12.32	12.32	0	ANNUAL	AREA	S
610357.43	4206064.03	11256.89098	12.28	12.28	0	ANNUAL	AREA	S
610364.43	4206064.03	11804.15867	12.25	12.25	0	ANNUAL	AREA	S
610371.43	4206064.03	12389.46745	12.21	12.21	0	ANNUAL	AREA	S
610378.43	4206064.03	13014.22446	12.18	12.18	0	ANNUAL	AREA	S
610385.43	4206064.03	13683.68731	12.14	12.14	0	ANNUAL	AREA	S
610392.43	4206064.03	14399.71972	12.11	12.11	0	ANNUAL	AREA	S
610399.43	4206064.03	15168.52217	12.07	12.07	0	ANNUAL	AREA	S
610406.43	4206064.03	15992.63731	12.04	12.04	0	ANNUAL	AREA	S
610413.43	4206064.03	16879.47606	12	12	0	ANNUAL	AREA	S
610420.43	4206064.03	17834.90284	11.95	11.95	0	ANNUAL	AREA	S
610427.43	4206064.03	18865.67751	11.89	11.89	0	ANNUAL	AREA	S
610434.43	4206064.03	19977.50476	11.83	11.83	0	ANNUAL	AREA	S
610441.43	4206064.03	21178.29114	11.77	11.77	0	ANNUAL	AREA	S
610448.43	4206064.03	22477.05385	11.71	11.71	0	ANNUAL	AREA	S
610455.43	4206064.03	23883.80448	11.65	11.65	0	ANNUAL	AREA	S
610462.43	4206064.03	25409.84315	11.59	11.59	0	ANNUAL	AREA	S
610469.43	4206064.03	27068.35338	11.53	11.53	0	ANNUAL	AREA	S

610476.43	4206064.03	28874.14449	11.47	11.47	0	ANNUAL	AREA	5
610483.43	4206064.03	30841.48432	11.42	11.42	0	ANNUAL	AREA	5
610497.43	4206064.03	35346.29229	11.33	11.33	0	ANNUAL	AREA	5
610504.43	4206064.03	37926.07491	11.3	11.3	0	ANNUAL	AREA	5
610511.43	4206064.03	40779.04109	11.26	11.26	0	ANNUAL	AREA	5
610518.43	4206064.03	43930.63862	11.22	11.22	0	ANNUAL	AREA	5
610525.43	4206064.03	47424.26579	11.19	11.19	0	ANNUAL	AREA	5
610532.43	4206064.03	51324.32135	11.15	11.15	0	ANNUAL	AREA	5
610539.43	4206064.03	55694.23586	11.11	11.11	0	ANNUAL	AREA	5
610546.43	4206064.03	60612.33292	11.08	11.08	0	ANNUAL	AREA	5
610553.43	4206064.03	66198.46429	11.04	11.04	0	ANNUAL	AREA	5
610560.43	4206064.03	72585.47362	11	11	0	ANNUAL	AREA	5
610567.43	4206064.03	80015.1033	10.9	10.9	0	ANNUAL	AREA	5
610574.43	4206064.03	88679.32517	10.81	10.81	0	ANNUAL	AREA	5
610581.43	4206064.03	98940.96403	10.71	10.71	0	ANNUAL	AREA	5
610588.43	4206064.03	111241.2647	10.62	10.62	0	ANNUAL	AREA	5
610595.43	4206064.03	126244.5114	10.52	10.52	0	ANNUAL	AREA	5
610602.43	4206064.03	144686.7943	10.43	10.43	0	ANNUAL	AREA	5
610609.43	4206064.03	166730.1393	10.33	10.33	0	ANNUAL	AREA	5
610777.43	4206064.03	203704.9216	9	9	0	ANNUAL	AREA	5
610784.43	4206064.03	179810.5884	9	9	0	ANNUAL	AREA	5
610791.43	4206064.03	153096.3852	9	9	0	ANNUAL	AREA	5
610798.43	4206064.03	129641.446	9	9	0	ANNUAL	AREA	5
610805.43	4206064.03	110507.7372	9	9	0	ANNUAL	AREA	5
610812.43	4206064.03	95127.86323	9	9	0	ANNUAL	AREA	5
610819.43	4206064.03	82728.14558	9	9	0	ANNUAL	AREA	5
610833.43	4206064.03	64333.37535	9	9	0	ANNUAL	AREA	5
610840.43	4206064.03	57426.00482	9	9	0	ANNUAL	AREA	5
610847.43	4206064.03	51621.43456	9	9	0	ANNUAL	AREA	5
610854.43	4206064.03	46695.19235	9	9	0	ANNUAL	AREA	5
610861.43	4206064.03	42476.83581	9	9	0	ANNUAL	AREA	5
610868.43	4206064.03	38834.8452	9	9	0	ANNUAL	AREA	5
610875.43	4206064.03	35666.52334	9	9	0	ANNUAL	AREA	5
610882.43	4206064.03	32891.54956	9	9	0	ANNUAL	AREA	5
610889.43	4206064.03	30445.90156	9	9	0	ANNUAL	AREA	5
610896.43	4206064.03	28277.79597	9	9	0	ANNUAL	AREA	5
610903.43	4206064.03	26345.69204	9	9	0	ANNUAL	AREA	5
610910.43	4206064.03	24615.43712	9	9	0	ANNUAL	AREA	5
610917.43	4206064.03	23059.00269	9	9	0	ANNUAL	AREA	5
610924.43	4206064.03	21653.00403	9	9	0	ANNUAL	AREA	5
610931.43	4206064.03	20378.03851	9	9	0	ANNUAL	AREA	5
610952.43	4206064.03	17187.77281	9	9	0	ANNUAL	AREA	5
610959.43	4206064.03	16296.32674	9	9	0	ANNUAL	AREA	5
610966.43	4206064.03	15475.29573	9	9	0	ANNUAL	AREA	5
610973.43	4206064.03	14717.11478	9	9	0	ANNUAL	AREA	5
610980.43	4206064.03	14015.37156	9	9	0	ANNUAL	AREA	5
610987.43	4206064.03	13364.39483	9	9	0	ANNUAL	AREA	5
610994.43	4206064.03	12759.21498	9	9	0	ANNUAL	AREA	5
611001.43	4206064.03	12195.55783	9	9	0	ANNUAL	AREA	5
611008.43	4206064.03	11669.49512	9	9	0	ANNUAL	AREA	5
611015.43	4206064.03	11177.77104	9	9	0	ANNUAL	AREA	5
611022.43	4206064.03	10717.34966	9	9	0	ANNUAL	AREA	5
611029.43	4206064.03	10285.56595	9	9	0	ANNUAL	AREA	5
611036.43	4206064.03	9880.05016	9	9	0	ANNUAL	AREA	5
611043.43	4206064.03	9498.63289	9	9	0	ANNUAL	AREA	5
611050.43	4206064.03	9139.43393	9	9	0	ANNUAL	AREA	5
611057.43	4206064.03	8800.68883	9	9	0	ANNUAL	AREA	5
611064.43	4206064.03	8480.78669	9	9	0	ANNUAL	AREA	5
611071.43	4206064.03	8178.41581	9	9	0	ANNUAL	AREA	5
611078.43	4206064.03	7892.24934	9	9	0	ANNUAL	AREA	5
611085.43	4206064.03	7621.17624	9	9	0	ANNUAL	AREA	5
611092.43	4206064.03	7364.10595	9	9	0	ANNUAL	AREA	5
610294.43	4206071.03	7512.181	12.28	12.28	0	ANNUAL	AREA	5
610301.43	4206071.03	7822.35738	12.28	12.28	0	ANNUAL	AREA	5
610308.43	4206071.03	8150.98225	12.28	12.28	0	ANNUAL	AREA	5
610315.43	4206071.03	8499.49808	12.28	12.28	0	ANNUAL	AREA	5
610322.43	4206071.03	8868.79811	12.29	12.29	0	ANNUAL	AREA	5
610329.43	4206071.03	9261.74636	12.29	12.29	0	ANNUAL	AREA	5
610336.43	4206071.03	9679.50209	12.29	12.29	0	ANNUAL	AREA	5
610343.43	4206071.03	10124.8522	12.28	12.28	0	ANNUAL	AREA	5
610350.43	4206071.03	10600.7494	12.25	12.25	0	ANNUAL	AREA	5
610357.43	4206071.03	11108.264	12.22	12.22	0	ANNUAL	AREA	5
610364.43	4206071.03	11649.10307	12.2	12.2	0	ANNUAL	AREA	5
610371.43	4206071.03	12227.87692	12.17	12.17	0	ANNUAL	AREA	5
610378.43	4206071.03	12846.9483	12.14	12.14	0	ANNUAL	AREA	5
610385.43	4206071.03	13509.71593	12.11	12.11	0	ANNUAL	AREA	5
610392.43	4206071.03	14218.9497	12.09	12.09	0	ANNUAL	AREA	5
610399.43	4206071.03	14981.02504	12.06	12.06	0	ANNUAL	AREA	5
610406.43	4206071.03	15799.61386	12.03	12.03	0	ANNUAL	AREA	5
610413.43	4206071.03	16678.80501	12	12	0	ANNUAL	AREA	5
610420.43	4206071.03	17631.72191	11.94	11.94	0	ANNUAL	AREA	5
610427.43	4206071.03	18659.40571	11.87	11.87	0	ANNUAL	AREA	5
610434.43	4206071.03	19768.03644	11.8	11.8	0	ANNUAL	AREA	5
610441.43	4206071.03	20966.95209	11.74	11.74	0	ANNUAL	AREA	5
610448.43	4206071.03	22265.56413	11.67	11.67	0	ANNUAL	AREA	5
610455.43	4206071.03	23671.54492	11.61	11.61	0	ANNUAL	AREA	5
610462.43	4206071.03	25200.42802	11.54	11.54	0	ANNUAL	AREA	5
610469.43	4206071.03	26863.73095	11.47	11.47	0	ANNUAL	AREA	5
610476.43	4206071.03	28674.06793	11.41	11.41	0	ANNUAL	AREA	5
610483.43	4206071.03	30653.86288	11.34	11.34	0	ANNUAL	AREA	5
610497.43	4206071.03	35174.74379	11.27	11.27	0	ANNUAL	AREA	5
610504.43	4206071.03	37773.31347	11.24	11.24	0	ANNUAL	AREA	5
610511.43	4206071.03	40639.38612	11.21	11.21	0	ANNUAL	AREA	5
610518.43	4206071.03	43810.92746	11.18	11.18	0	ANNUAL	AREA	5
610525.43	4206071.03	47333.85741	11.15	11.15	0	ANNUAL	AREA	5
610532.43	4206071.03	51263.90849	11.12	11.12	0	ANNUAL	AREA	5
610539.43	4206071.03	55669.85792	11.09	11.09	0	ANNUAL	AREA	5
610546.43	4206071.03	60637.23348	11.06	11.06	0	ANNUAL	AREA	5
610553.43	4206071.03	66274.65372	11.03	11.03	0	ANNUAL	AREA	5
610560.43	4206071.03	72721.2305	11	11	0	ANNUAL	AREA	5
610567.43	4206071.03	80231.98017	10.9	10.9	0	ANNUAL	AREA	5
610574.43	4206071.03	88991.11339	10.81	10.81	0	ANNUAL	AREA	5
610581.43	4206071.03	99363.41581	10.71	10.71	0	ANNUAL	AREA	5
610588.43	4206071.03	111791.633	10.62	10.62	0	ANNUAL	AREA	5
610595.43	4206071.03	126942.2518	10.52	10.52	0	ANNUAL	AREA	5
610602.43	4206071.03	145591.6861	10.42	10.42	0	ANNUAL	AREA	5
610609.43	4206071.03	167825.9783	10.33	10.33	0	ANNUAL	AREA	5
610777.43	4206071.03	220845.388	9	9	0	ANNUAL	AREA	5
610784.43	4206071.03	195872.3085	9	9	0	ANNUAL	AREA	5
610791.43	4206071.03	167960.2189	9	9	0	ANNUAL	AREA	5
610798.43	4206071.03	143164.2474	9	9	0	ANNUAL	AREA	5
610805.43	4206071.03	122648.5836	9	9	0	ANNUAL	AREA	5
610812.43	4206071.03	105941.6559	9	9	0	ANNUAL	AREA	5
610819.43	4206071.03	92322.24981	9	9	0	ANNUAL	AREA	5
610840.43	4206071.03	64140.12861	9	9	0	ANNUAL	AREA	5
610847.43	4206071.03	57611.87998	9	9	0	ANNUAL	AREA	5
610854.43	4206071.03	52057.9412	9	9	0	ANNUAL	AREA	5
610861.43	4206071.03	47294.81027	9	9	0	ANNUAL	AREA	5
610868.43	4206071.03	43178.54305	9	9	0	ANNUAL	AREA	5
610875.43	4206071.03	39596.33698	9	9	0	ANNUAL	AREA	5
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610896.43	4206071.03	31245.42636	9	9	0	ANNUAL	AREA	5
610903.43	4206071.03	29064.47259	9	9	0	ANNUAL	AREA	5
610910.43	4206071.03	27113.12211	9	9	0	ANNUAL	AREA	5
610917.43	4206071.03	25359.47067	9	9	0	ANNUAL	AREA	5
610924.43	4206071.03	23777.0581	9	9	0	ANNUAL	AREA	5
610931.43	4206071.03	22341.69565	9	9	0	ANNUAL	AREA	5
610952.43	4206071.03	18765.68714	9	9	0	ANNUAL	AREA	5
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610966.43	4206071.03	16851.13618	9	9	0	ANNUAL	AREA	5
610973.43	4206071.03	16005.17044	9	9	0	ANNUAL	AREA	5
610980.43	4206071.03	15223.16209	9	9	0	ANNUAL	AREA	5
610987.43	4206071.03	14498.58571	9	9	0	ANNUAL	AREA	5
610994.43	4206071.03	13825.85787	9	9	0	ANNUAL	AREA	5
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611008.43	4206071.03	12616.77106	9	9	0	ANNUAL	AREA	5
611015.43	4206071.03	12072.17891	9	9	0	ANNUAL	AREA	5
611022.43	4206071.03	11562.85639	9	9	0	ANNUAL	AREA	5
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611057.43	4206071.03	9449.43553	9	9	0	ANNUAL	AREA	5
611064.43	4206071.03	9097.94648	9	9	0	ANNUAL	AREA	5
611071.43	4206071.03	8766.01998	9	9	0	ANNUAL	AREA	5
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611085.43	4206071.03	8155.22385	9	9	0	ANNUAL	AREA	5
611092.43	4206071.03	7873.84021	9	9	0	ANNUAL	AREA	5
610294.43	4206078.03	7405.63131	12.21	12.21	0	ANNUAL	AREA	5
610301.43	4206078.03	7711.14945	12.21	12.21	0	ANNUAL	AREA	5
610308.43	4206078.03	8034.99779	12.21	12.21	0	ANNUAL	AREA	5
610315.43	4206078.03	8378.52151	12.21	12.21	0	ANNUAL	AREA	5
610322.43	4206078.03	8743.26712	12.21	12.21	0	ANNUAL	AREA	5
610329.43	4206078.03	9130.79538	12.21	12.21	0	ANNUAL	AREA	5
610336.43	4206078.03	9543.07231	12.21	12.21	0	ANNUAL	AREA	5
610343.43	4206078.03	9982.62811	12.2	12.2	0	ANNUAL	AREA	5
610350.43	4206078.03	10451.13947	12.19	12.19	0	ANNUAL	AREA	5
610357.43	4206078.03	10951.69814	12.17	12.17	0	ANNUAL	AREA	5
610364.43	4206078.03	11486.22186	12.15	12.15	0	ANNUAL	AREA	5
610371.43	4206078.03	12057.66924	12.13	12.13	0	ANNUAL	AREA	5
610378.43	4206078.03	12669.07729	12.11	12.11	0	ANNUAL	AREA	5
610385.43	4206078.03	13324.04397	12.09	12.09	0	ANNUAL	AREA	5
610392.43	4206078.03	14027.45462	12.06	12.06	0	ANNUAL	AREA	5
610399.43	4206078.03	14781.55826	12.04	12.04	0	ANNUAL	AREA	5
610406.43	4206078.03	15592.09969	12.02	12.02	0	ANNUAL	AREA	5
610413.43	4206078.03	16464.10699	12	12	0	ANNUAL	AREA	5
610420.43	4206078.03	17410.70758	11.93	11.93	0	ANNUAL	AREA	5
610427.43	4206078.03	18432.2182	11.86	11.86	0	ANNUAL	AREA	5
610434.43	4206078.03	19537.56669	11.78	11.78	0	ANNUAL	AREA	5
610441.43	4206078.03	20731.93126	11.71	11.71	0	ANNUAL	AREA	5
610448.43	4206078.03	22026.1427	11.64	11.64	0	ANNUAL	AREA	5
610455.43	4206078.03	23432.55294	11.56	11.56	0	ANNUAL	AREA	5
610462.43	4206078.03	24959.47166	11.49	11.49	0	ANNUAL	AREA	5
610469.43	4206078.03	26622.09989	11.42	11.42	0	ANNUAL	AREA	5
610476.43	4206078.03	28438.73788	11.34	11.34	0	ANNUAL	AREA	5
610483.43	4206078.03	30421.92971	11.27	11.27	0	ANNUAL	AREA	5
610497.43	4206078.03	34956.29218	11.2	11.2	0	ANNUAL	AREA	5
610504.43	4206078.03	37562.10727	11.18	11.18	0	ANNUAL	AREA	5
610511.43	4206078.03	40438.22583	11.16	11.16	0	ANNUAL	AREA	5
610518.43	4206078.03	43623.00728	11.14	11.14	0	ANNUAL	AREA	5
610525.43	4206078.03	47168.20164	11.11	11.11	0	ANNUAL	AREA	5
610532.43	4206078.03	51119.96446	11.09	11.09	0	ANNUAL	AREA	5
610539.43	4206078.03	55552.44425	11.07	11.07	0	ANNUAL	AREA	5
610546.43	4206078.03	60551.76615	11.05	11.05	0	ANNUAL	AREA	5
610553.43	4206078.03	66234.81245	11.02	11.02	0	ANNUAL	AREA	5
610560.43	4206078.03	72726.45251	11	11	0	ANNUAL	AREA	5
610567.43	4206078.03	80301.04734	10.9	10.9	0	ANNUAL	AREA	5
610574.43	4206078.03	89134.57187	10.81	10.81	0	ANNUAL	AREA	5
610581.43	4206078.03	99593.34672	10.71	10.71	0	ANNUAL	AREA	5
610588.43	4206078.03	112139.2769	10.61	10.61	0	ANNUAL	AREA	5
610595.43	4206078.03	127384.2732	10.52	10.52	0	ANNUAL	AREA	5
610602.43	4206078.03	146166.2482	10.42	10.42	0	ANNUAL	AREA	5
610609.43	4206078.03	168574.8868	10.33	10.33	0	ANNUAL	AREA	5
610777.43	4206078.03	235102.2246	9	9	0	ANNUAL	AREA	5
610784.43	4206078.03	209462.2224	9	9	0	ANNUAL	AREA	5

610791.43	4206078.03	180813.609	9	9	0	ANNUAL	AREA	S
610798.43	4206078.03	155153.8065	9	9	0	ANNUAL	AREA	S
610805.43	4206078.03	133681.9342	9	9	0	ANNUAL	AREA	S
610812.43	4206078.03	115994.845	9	9	0	ANNUAL	AREA	S
610819.43	4206078.03	101420.1005	9	9	0	ANNUAL	AREA	S
610833.43	4206078.03	79263.74825	9	9	0	ANNUAL	AREA	S
610840.43	4206078.03	70785.82387	9	9	0	ANNUAL	AREA	S
610847.43	4206078.03	63600.45432	9	9	0	ANNUAL	AREA	S
610854.43	4206078.03	57464.02371	9	9	0	ANNUAL	AREA	S
610861.43	4206078.03	52185.24351	9	9	0	ANNUAL	AREA	S
610868.43	4206078.03	47613.29406	9	9	0	ANNUAL	AREA	S
610875.43	4206078.03	43628.25522	9	9	0	ANNUAL	AREA	S
610882.43	4206078.03	40133.83504	9	9	0	ANNUAL	AREA	S
610889.43	4206078.03	37052.79595	9	9	0	ANNUAL	AREA	S
610896.43	4206078.03	34322.06455	9	9	0	ANNUAL	AREA	S
610903.43	4206078.03	31889.98377	9	9	0	ANNUAL	AREA	S
610910.43	4206078.03	29714.19126	9	9	0	ANNUAL	AREA	S
610917.43	4206078.03	27759.37991	9	9	0	ANNUAL	AREA	S
610924.43	4206078.03	25996.15196	9	9	0	ANNUAL	AREA	S
610931.43	4206078.03	24399.94887	9	9	0	ANNUAL	AREA	S
610952.43	4206078.03	20420.58835	9	9	0	ANNUAL	AREA	S
610959.43	4206078.03	19313.38526	9	9	0	ANNUAL	AREA	S
610966.43	4206078.03	18295.70661	9	9	0	ANNUAL	AREA	S
610973.43	4206078.03	17358.09164	9	9	0	ANNUAL	AREA	S
610980.43	4206078.03	16492.11778	9	9	0	ANNUAL	AREA	S
610987.43	4206078.03	15690.51652	9	9	0	ANNUAL	AREA	S
610994.43	4206078.03	14947.00542	9	9	0	ANNUAL	AREA	S
611001.43	4206078.03	14256.00328	9	9	0	ANNUAL	AREA	S
611008.43	4206078.03	13612.58578	9	9	0	ANNUAL	AREA	S
611015.43	4206078.03	13012.46943	9	9	0	ANNUAL	AREA	S
611022.43	4206078.03	12451.70126	9	9	0	ANNUAL	AREA	S
611029.43	4206078.03	11926.94011	9	9	0	ANNUAL	AREA	S
611036.43	4206078.03	11435.10509	9	9	0	ANNUAL	AREA	S
611043.43	4206078.03	10973.455	9	9	0	ANNUAL	AREA	S
611050.43	4206078.03	10539.51955	9	9	0	ANNUAL	AREA	S
611057.43	4206078.03	10131.13441	9	9	0	ANNUAL	AREA	S
611064.43	4206078.03	9746.32988	9	9	0	ANNUAL	AREA	S
611071.43	4206078.03	9383.24983	9	9	0	ANNUAL	AREA	S
611078.43	4206078.03	9040.25592	9	9	0	ANNUAL	AREA	S
611085.43	4206078.03	8715.91253	9	9	0	ANNUAL	AREA	S
611092.43	4206078.03	8408.87442	9	9	0	ANNUAL	AREA	S
610294.43	4206085.03	7296.84697	12.13	12.13	0	ANNUAL	AREA	S
610301.43	4206085.03	7597.54604	12.13	12.13	0	ANNUAL	AREA	S
610308.43	4206085.03	7916.28129	12.13	12.13	0	ANNUAL	AREA	S
610315.43	4206085.03	8254.47309	12.13	12.13	0	ANNUAL	AREA	S
610322.43	4206085.03	8613.63018	12.13	12.13	0	ANNUAL	AREA	S
610329.43	4206085.03	8994.80614	12.14	12.14	0	ANNUAL	AREA	S
610336.43	4206085.03	9400.92227	12.14	12.14	0	ANNUAL	AREA	S
610343.43	4206085.03	9834.27804	12.13	12.13	0	ANNUAL	AREA	S
610350.43	4206085.03	10296.18306	12.12	12.12	0	ANNUAL	AREA	S
610357.43	4206085.03	10789.18495	12.11	12.11	0	ANNUAL	AREA	S
610364.43	4206085.03	11316.66199	12.09	12.09	0	ANNUAL	AREA	S
610371.43	4206085.03	11879.95671	12.08	12.08	0	ANNUAL	AREA	S
610378.43	4206085.03	12482.93649	12.07	12.07	0	ANNUAL	AREA	S
610385.43	4206085.03	13129.10571	12.06	12.06	0	ANNUAL	AREA	S
610392.43	4206085.03	13823.61698	12.04	12.04	0	ANNUAL	AREA	S
610399.43	4206085.03	14568.36943	12.03	12.03	0	ANNUAL	AREA	S
610406.43	4206085.03	15370.56864	12.01	12.01	0	ANNUAL	AREA	S
610413.43	4206085.03	16233.0541	12	12	0	ANNUAL	AREA	S
610420.43	4206085.03	17172.67434	11.92	11.92	0	ANNUAL	AREA	S
610427.43	4206085.03	18187.51566	11.84	11.84	0	ANNUAL	AREA	S
610434.43	4206085.03	19285.16097	11.76	11.76	0	ANNUAL	AREA	S
610441.43	4206085.03	20473.87558	11.68	11.68	0	ANNUAL	AREA	S
610448.43	4206085.03	21763.14211	11.6	11.6	0	ANNUAL	AREA	S
610455.43	4206085.03	23163.66231	11.52	11.52	0	ANNUAL	AREA	S
610462.43	4206085.03	24687.73925	11.44	11.44	0	ANNUAL	AREA	S
610469.43	4206085.03	26349.12754	11.36	11.36	0	ANNUAL	AREA	S
610476.43	4206085.03	28163.61325	11.28	11.28	0	ANNUAL	AREA	S
610483.43	4206085.03	30149.22824	11.2	11.2	0	ANNUAL	AREA	S
610497.43	4206085.03	34684.85651	11.14	11.14	0	ANNUAL	AREA	S
610504.43	4206085.03	37296.41824	11.12	11.12	0	ANNUAL	AREA	S
610511.43	4206085.03	40176.91451	11.11	11.11	0	ANNUAL	AREA	S
610518.43	4206085.03	43373.59347	11.09	11.09	0	ANNUAL	AREA	S
610525.43	4206085.03	46924.18554	11.08	11.08	0	ANNUAL	AREA	S
610532.43	4206085.03	50895.45604	11.06	11.06	0	ANNUAL	AREA	S
610539.43	4206085.03	55345.95798	11.05	11.05	0	ANNUAL	AREA	S
610546.43	4206085.03	60374.66283	11.03	11.03	0	ANNUAL	AREA	S
610553.43	4206085.03	66077.21806	11.02	11.02	0	ANNUAL	AREA	S
610560.43	4206085.03	72609.33358	11	11	0	ANNUAL	AREA	S
610567.43	4206085.03	80233.63178	10.9	10.9	0	ANNUAL	AREA	S
610574.43	4206085.03	89137.68012	10.8	10.8	0	ANNUAL	AREA	S
610581.43	4206085.03	99650.48917	10.71	10.71	0	ANNUAL	AREA	S
610588.43	4206085.03	112272.9627	10.61	10.61	0	ANNUAL	AREA	S
610595.43	4206085.03	127606.45	10.52	10.52	0	ANNUAL	AREA	S
610602.43	4206085.03	146489.3363	10.42	10.42	0	ANNUAL	AREA	S
610609.43	4206085.03	169029.7907	10.33	10.33	0	ANNUAL	AREA	S
610777.43	4206085.03	247030.6999	9	9	0	ANNUAL	AREA	S
610784.43	4206085.03	220951.2036	9	9	0	ANNUAL	AREA	S
610791.43	4206085.03	191866.3241	9	9	0	ANNUAL	AREA	S
610798.43	4206085.03	165676.9743	9	9	0	ANNUAL	AREA	S
610805.43	4206085.03	143575.6194	9	9	0	ANNUAL	AREA	S
610812.43	4206085.03	125187.6539	9	9	0	ANNUAL	AREA	S
610819.43	4206085.03	109890.9103	9	9	0	ANNUAL	AREA	S
610833.43	4206085.03	86350.16625	9	9	0	ANNUAL	AREA	S
610840.43	4206085.03	77245.16082	9	9	0	ANNUAL	AREA	S
610847.43	4206085.03	69483.00753	9	9	0	ANNUAL	AREA	S
610854.43	4206085.03	62822.6954	9	9	0	ANNUAL	AREA	S
610861.43	4206085.03	57070.80518	9	9	0	ANNUAL	AREA	S
610868.43	4206085.03	52073.50003	9	9	0	ANNUAL	AREA	S
610875.43	4206085.03	47706.31725	9	9	0	ANNUAL	AREA	S
610882.43	4206085.03	43869.3658	9	9	0	ANNUAL	AREA	S
610889.43	4206085.03	40480.84107	9	9	0	ANNUAL	AREA	S
610896.43	4206085.03	37473.97798	9	9	0	ANNUAL	AREA	S
610903.43	4206085.03	34793.59994	9	9	0	ANNUAL	AREA	S
610910.43	4206085.03	32394.37777	9	9	0	ANNUAL	AREA	S
610917.43	4206085.03	30237.90311	9	9	0	ANNUAL	AREA	S
610924.43	4206085.03	28292.59303	9	9	0	ANNUAL	AREA	S
610931.43	4206085.03	26531.53568	9	9	0	ANNUAL	AREA	S
610952.43	4206085.03	22142.90509	9	9	0	ANNUAL	AREA	S
610959.43	4206085.03	20922.73099	9	9	0	ANNUAL	AREA	S
610966.43	4206085.03	19801.75647	9	9	0	ANNUAL	AREA	S
610973.43	4206085.03	18769.54292	9	9	0	ANNUAL	AREA	S
610980.43	4206085.03	17816.80981	9	9	0	ANNUAL	AREA	S
610987.43	4206085.03	16935.53372	9	9	0	ANNUAL	AREA	S
610994.43	4206085.03	16118.58853	9	9	0	ANNUAL	AREA	S
611001.43	4206085.03	15359.89513	9	9	0	ANNUAL	AREA	S
611008.43	4206085.03	14653.91102	9	9	0	ANNUAL	AREA	S
611015.43	4206085.03	13995.88653	9	9	0	ANNUAL	AREA	S
611022.43	4206085.03	13381.53964	9	9	0	ANNUAL	AREA	S
611029.43	4206085.03	12807.02269	9	9	0	ANNUAL	AREA	S
611036.43	4206085.03	12268.99224	9	9	0	ANNUAL	AREA	S
611043.43	4206085.03	11764.28541	9	9	0	ANNUAL	AREA	S
611050.43	4206085.03	11290.31831	9	9	0	ANNUAL	AREA	S
611057.43	4206085.03	10844.57983	9	9	0	ANNUAL	AREA	S
611064.43	4206085.03	10424.79035	9	9	0	ANNUAL	AREA	S
611071.43	4206085.03	10029.01451	9	9	0	ANNUAL	AREA	S
611078.43	4206085.03	9655.49398	9	9	0	ANNUAL	AREA	S
611085.43	4206085.03	9302.51618	9	9	0	ANNUAL	AREA	S
611092.43	4206085.03	8968.62261	9	9	0	ANNUAL	AREA	S
610294.43	4206092.03	7185.69778	12.05	12.05	0	ANNUAL	AREA	S
610301.43	4206092.03	7480.72662	12.06	12.06	0	ANNUAL	AREA	S
610308.43	4206092.03	7794.04769	12.06	12.06	0	ANNUAL	AREA	S
610315.43	4206092.03	8126.55227	12.06	12.06	0	ANNUAL	AREA	S
610322.43	4206092.03	8479.74288	12.06	12.06	0	ANNUAL	AREA	S
610329.43	4206092.03	8855.25834	12.06	12.06	0	ANNUAL	AREA	S
610336.43	4206092.03	9254.94076	12.06	12.06	0	ANNUAL	AREA	S
610343.43	4206092.03	9680.7239	12.06	12.06	0	ANNUAL	AREA	S
610350.43	4206092.03	10135.56588	12.05	12.05	0	ANNUAL	AREA	S
610357.43	4206092.03	10620.34341	12.05	12.05	0	ANNUAL	AREA	S
610364.43	4206092.03	11139.20935	12.04	12.04	0	ANNUAL	AREA	S
610371.43	4206092.03	11693.47339	12.04	12.04	0	ANNUAL	AREA	S
610378.43	4206092.03	12288.03272	12.03	12.03	0	ANNUAL	AREA	S
610385.43	4206092.03	12924.54573	12.03	12.03	0	ANNUAL	AREA	S
610392.43	4206092.03	13608.81847	12.02	12.02	0	ANNUAL	AREA	S
610399.43	4206092.03	14344.32491	12.01	12.01	0	ANNUAL	AREA	S
610406.43	4206092.03	15134.52619	12.01	12.01	0	ANNUAL	AREA	S
610413.43	4206092.03	15987.04519	12	12	0	ANNUAL	AREA	S
610420.43	4206092.03	16918.20247	11.91	11.91	0	ANNUAL	AREA	S
610427.43	4206092.03	17923.19855	11.83	11.83	0	ANNUAL	AREA	S
610434.43	4206092.03	19012.52786	11.74	11.74	0	ANNUAL	AREA	S
610441.43	4206092.03	20193.42831	11.65	11.65	0	ANNUAL	AREA	S
610448.43	4206092.03	21475.41583	11.56	11.56	0	ANNUAL	AREA	S
610455.43	4206092.03	22869.59352	11.47	11.47	0	ANNUAL	AREA	S
610462.43	4206092.03	24386.04745	11.39	11.39	0	ANNUAL	AREA	S
610469.43	4206092.03	26043.21704	11.3	11.3	0	ANNUAL	AREA	S
610476.43	4206092.03	27854.97365	11.21	11.21	0	ANNUAL	AREA	S
610483.43	4206092.03	29839.8311	11.12	11.12	0	ANNUAL	AREA	S
610497.43	4206092.03	34368.65886	11.07	11.07	0	ANNUAL	AREA	S
610504.43	4206092.03	36977.48673	11.06	11.06	0	ANNUAL	AREA	S
610511.43	4206092.03	39857.08186	11.06	11.06	0	ANNUAL	AREA	S
610518.43	4206092.03	43055.0796	11.05	11.05	0	ANNUAL	AREA	S
610525.43	4206092.03	46614.62028	11.04	11.04	0	ANNUAL	AREA	S
610532.43	4206092.03	50592.86536	11.03	11.03	0	ANNUAL	AREA	S
610539.43	4206092.03	55053.35824	11.03	11.03	0	ANNUAL	AREA	S
610546.43	4206092.03	60095.62096	11.02	11.02	0	ANNUAL	AREA	S
610553.43	4206092.03	65823.48546	11.01	11.01	0	ANNUAL	AREA	S
610560.43	4206092.03	72387.09859	10.99	10.99	0	ANNUAL	AREA	S
610567.43	4206092.03	80038.88889	10.9	10.9	0	ANNUAL	AREA	S
610574.43	4206092.03	88987.04014	10.8	10.8	0	ANNUAL	AREA	S
610581.43	4206092.03	99551.15928	10.71	10.71	0	ANNUAL	AREA	S
610588.43	4206092.03	112232.9006	10.61	10.61	0	ANNUAL	AREA	S
610595.43	4206092.03	127635.3157	10.52	10.52	0	ANNUAL	AREA	S
610602.43	4206092.03	146596.8138	10.42	10.42	0	ANNUAL	AREA	S
610609.43	4206092.03	169277.2197	10.32	10.32	0	ANNUAL	AREA	S
610770.43	4206092.03	272681.14	9	9	0	ANNUAL	AREA	S
610777.43	4206092.03	257040.0031	9	9	0	ANNUAL	AREA	S
610784.43	4206092.03	230667.2679	9	9	0	ANNUAL	AREA	S
610791.43	4206092.03	201344.7868	9	9	0	ANNUAL	AREA	S
610798.43	4206092.03	174855.1479	9	9	0	ANNUAL	AREA	S
610805.43	4206092.03	152354.6462	9	9	0	ANNUAL	AREA	S
610812.43	4206092.03	133402.5562	9	9	0	ANNUAL	AREA	S
610819.43	4206092.03	117673.3489	9	9	0	ANNUAL	AREA	S
610833.43	4206092.03	93053.13399	9	9	0	ANNUAL	AREA	S
610840.43	4206092.03	83428.76979	9	9	0	ANNUAL	AREA	S
610847.43	4206092.03	75175.49497	9	9	0	ANNUAL	AREA	S
610854.43	4206092.03	68057.38538	9	9	0	ANNUAL	AREA	S
610861.43	4206092.03	61883.22891	9	9	0	ANNUAL	AREA	S
610868.43	4206092.03	56498.5648	9	9	0	ANNUAL	AREA	S
610875.43	4206092.03	51777.92357	9	9	0	ANNUAL	AREA	S
610882.43	4206092.03	47619.51232	9	9	0	ANNUAL	AREA	S
610889.43	4206092.03	43938.79461	9	9	0	ANNUAL	AREA	S
610896.43	4206092.03	40666.84618	9	9	0	ANNUAL	AREA	S
610903.43	4206092.03	37745.95739	9	9	0	ANNUAL	AREA	S
610910.43	4206092.03	35128.18608	9	9	0	ANNUAL	AREA	S
610917.43	4206092.03	32773.29613	9	9	0	ANNUAL	AREA	S
610924.43	4206092.03	30647.51544	9	9	0	ANNUAL	AREA	S

610931.43	4206092.03	28722.06135	9	9	0	ANNUAL	AREA	S
610952.43	4206092.03	23921.79456	9	9	0	ANNUAL	AREA	S
610959.43	4206092.03	22587.10922	9	9	0	ANNUAL	AREA	S
610966.43	4206092.03	21361.1707	9	9	0	ANNUAL	AREA	S
610973.43	4206092.03	20232.50632	9	9	0	ANNUAL	AREA	S
610980.43	4206092.03	19191.08038	9	9	0	ANNUAL	AREA	S
610987.43	4206092.03	18228.04385	9	9	0	ANNUAL	AREA	S
610994.43	4206092.03	17335.74417	9	9	0	ANNUAL	AREA	S
611001.43	4206092.03	16507.38949	9	9	0	ANNUAL	AREA	S
611008.43	4206092.03	15736.98283	9	9	0	ANNUAL	AREA	S
611015.43	4206092.03	15019.23842	9	9	0	ANNUAL	AREA	S
611022.43	4206092.03	14349.44208	9	9	0	ANNUAL	AREA	S
611029.43	4206092.03	13723.47597	9	9	0	ANNUAL	AREA	S
611036.43	4206092.03	13137.53129	9	9	0	ANNUAL	AREA	S
611043.43	4206092.03	12588.28119	9	9	0	ANNUAL	AREA	S
611050.43	4206092.03	12072.67377	9	9	0	ANNUAL	AREA	S
611057.43	4206092.03	11588.08953	9	9	0	ANNUAL	AREA	S
611064.43	4206092.03	11132.02447	9	9	0	ANNUAL	AREA	S
611071.43	4206092.03	10702.27008	9	9	0	ANNUAL	AREA	S
611078.43	4206092.03	10296.88779	9	9	0	ANNUAL	AREA	S
611085.43	4206092.03	9914.0901	9	9	0	ANNUAL	AREA	S
611092.43	4206092.03	9552.15179	9	9	0	ANNUAL	AREA	S
610294.43	4206099.03	7070.84438	12	12	0	ANNUAL	AREA	S
610301.43	4206099.03	7360.87732	12	12	0	ANNUAL	AREA	S
610308.43	4206099.03	7668.46827	12	12	0	ANNUAL	AREA	S
610315.43	4206099.03	7994.92756	12	12	0	ANNUAL	AREA	S
610322.43	4206099.03	8341.7985	12	12	0	ANNUAL	AREA	S
610329.43	4206099.03	8710.6808	12	12	0	ANNUAL	AREA	S
610336.43	4206099.03	9103.36365	12	12	0	ANNUAL	AREA	S
610343.43	4206099.03	9521.77148	12	12	0	ANNUAL	AREA	S
610350.43	4206099.03	9968.12405	12	12	0	ANNUAL	AREA	S
610357.43	4206099.03	10444.76341	12	12	0	ANNUAL	AREA	S
610364.43	4206099.03	10954.34115	12	12	0	ANNUAL	AREA	S
610371.43	4206099.03	11499.6782	12	12	0	ANNUAL	AREA	S
610378.43	4206099.03	12083.97535	12	12	0	ANNUAL	AREA	S
610385.43	4206099.03	12710.78714	12	12	0	ANNUAL	AREA	S
610392.43	4206099.03	13383.96042	12	12	0	ANNUAL	AREA	S
610399.43	4206099.03	14107.70473	12	12	0	ANNUAL	AREA	S
610406.43	4206099.03	14887.01643	12	12	0	ANNUAL	AREA	S
610413.43	4206099.03	15727.04771	12	12	0	ANNUAL	AREA	S
610420.43	4206099.03	16646.5743	11.91	11.91	0	ANNUAL	AREA	S
610427.43	4206099.03	17642.82895	11.81	11.81	0	ANNUAL	AREA	S
610434.43	4206099.03	18722.22778	11.71	11.71	0	ANNUAL	AREA	S
610441.43	4206099.03	19891.48316	11.62	11.62	0	ANNUAL	AREA	S
610448.43	4206099.03	21164.00815	11.52	11.52	0	ANNUAL	AREA	S
610455.43	4206099.03	22547.10623	11.43	11.43	0	ANNUAL	AREA	S
610462.43	4206099.03	24057.54564	11.33	11.33	0	ANNUAL	AREA	S
610469.43	4206099.03	25705.1509	11.24	11.24	0	ANNUAL	AREA	S
610476.43	4206099.03	27508.12997	11.15	11.15	0	ANNUAL	AREA	S
610483.43	4206099.03	29488.50321	11.05	11.05	0	ANNUAL	AREA	S
610497.43	4206099.03	34001.72707	11.01	11.01	0	ANNUAL	AREA	S
610504.43	4206099.03	36602.6328	11.01	11.01	0	ANNUAL	AREA	S
610511.43	4206099.03	39479.98486	11.01	11.01	0	ANNUAL	AREA	S
610518.43	4206099.03	42673.58625	11.01	11.01	0	ANNUAL	AREA	S
610525.43	4206099.03	46230.67625	11.01	11.01	0	ANNUAL	AREA	S
610532.43	4206099.03	50208.82055	11.01	11.01	0	ANNUAL	AREA	S
610539.43	4206099.03	54684.77995	11	11	0	ANNUAL	AREA	S
610546.43	4206099.03	59733.38821	11	11	0	ANNUAL	AREA	S
610553.43	4206099.03	65470.46392	11	11	0	ANNUAL	AREA	S
610560.43	4206099.03	72046.02325	10.99	10.99	0	ANNUAL	AREA	S
610567.43	4206099.03	79724.63287	10.9	10.9	0	ANNUAL	AREA	S
610574.43	4206099.03	88704.69529	10.8	10.8	0	ANNUAL	AREA	S
610581.43	4206099.03	99307.47724	10.71	10.71	0	ANNUAL	AREA	S
610588.43	4206099.03	112034.1044	10.61	10.61	0	ANNUAL	AREA	S
610595.43	4206099.03	127514.2772	10.51	10.51	0	ANNUAL	AREA	S
610602.43	4206099.03	146508.659	10.42	10.42	0	ANNUAL	AREA	S
610609.43	4206099.03	169279.1423	10.32	10.32	0	ANNUAL	AREA	S
610616.43	4206099.03	192811.6401	10.23	10.23	0	ANNUAL	AREA	S
610770.43	4206099.03	281171.0705	9	9	0	ANNUAL	AREA	S
610777.43	4206099.03	265434.2014	9	9	0	ANNUAL	AREA	S
610784.43	4206099.03	238897.5855	9	9	0	ANNUAL	AREA	S
610791.43	4206099.03	209463.7266	9	9	0	ANNUAL	AREA	S
610798.43	4206099.03	182825.672	9	9	0	ANNUAL	AREA	S
610805.43	4206099.03	160097.9985	9	9	0	ANNUAL	AREA	S
610812.43	4206099.03	140930.7899	9	9	0	ANNUAL	AREA	S
610819.43	4206099.03	124749.229	9	9	0	ANNUAL	AREA	S
610833.43	4206099.03	99314.7062	9	9	0	ANNUAL	AREA	S
610840.43	4206099.03	89274.06032	9	9	0	ANNUAL	AREA	S
610847.43	4206099.03	80614.28409	9	9	0	ANNUAL	AREA	S
610854.43	4206099.03	73106.61975	9	9	0	ANNUAL	AREA	S
610861.43	4206099.03	66564.51218	9	9	0	ANNUAL	AREA	S
610868.43	4206099.03	60835.66345	9	9	0	ANNUAL	AREA	S
610875.43	4206099.03	55795.65353	9	9	0	ANNUAL	AREA	S
610882.43	4206099.03	51341.75003	9	9	0	ANNUAL	AREA	S
610889.43	4206099.03	47389.29492	9	9	0	ANNUAL	AREA	S
610896.43	4206099.03	43867.62454	9	9	0	ANNUAL	AREA	S
610903.43	4206099.03	40717.71904	9	9	0	ANNUAL	AREA	S
610910.43	4206099.03	37890.19139	9	9	0	ANNUAL	AREA	S
610917.43	4206099.03	35343.11393	9	9	0	ANNUAL	AREA	S
610924.43	4206099.03	33041.27443	9	9	0	ANNUAL	AREA	S
610931.43	4206099.03	30954.49111	9	9	0	ANNUAL	AREA	S
610952.43	4206099.03	25745.81317	9	9	0	ANNUAL	AREA	S
610959.43	4206099.03	24296.50355	9	9	0	ANNUAL	AREA	S
610966.43	4206099.03	22965.04796	9	9	0	ANNUAL	AREA	S
610973.43	4206099.03	21739.13232	9	9	0	ANNUAL	AREA	S
610980.43	4206099.03	20607.95786	9	9	0	ANNUAL	AREA	S
610987.43	4206099.03	19562.05245	9	9	0	ANNUAL	AREA	S
610994.43	4206099.03	18593.11852	9	9	0	ANNUAL	AREA	S
611001.43	4206099.03	17693.75886	9	9	0	ANNUAL	AREA	S
611008.43	4206099.03	16857.52332	9	9	0	ANNUAL	AREA	S
611015.43	4206099.03	16078.68024	9	9	0	ANNUAL	AREA	S
611022.43	4206099.03	15352.07059	9	9	0	ANNUAL	AREA	S
611029.43	4206099.03	14673.23901	9	9	0	ANNUAL	AREA	S
611036.43	4206099.03	14038.10828	9	9	0	ANNUAL	AREA	S
611043.43	4206099.03	13442.80099	9	9	0	ANNUAL	AREA	S
611050.43	4206099.03	12884.48762	9	9	0	ANNUAL	AREA	S
611057.43	4206099.03	12359.81568	9	9	0	ANNUAL	AREA	S
611064.43	4206099.03	11866.24685	9	9	0	ANNUAL	AREA	S
611071.43	4206099.03	11401.4039	9	9	0	ANNUAL	AREA	S
610278.43	4206099.03	10963.04755	9	9	0	ANNUAL	AREA	S
610294.43	4206106.03	6951.56186	12	12	0	ANNUAL	AREA	S
610301.43	4206106.03	7235.79333	12	12	0	ANNUAL	AREA	S
610308.43	4206106.03	7537.21834	12	12	0	ANNUAL	AREA	S
610315.43	4206106.03	7857.1888	12	12	0	ANNUAL	AREA	S
610322.43	4206106.03	8197.13421	12	12	0	ANNUAL	AREA	S
610329.43	4206106.03	8558.77797	12	12	0	ANNUAL	AREA	S
610336.43	4206106.03	8943.81279	12	12	0	ANNUAL	AREA	S
610343.43	4206106.03	9354.19688	12	12	0	ANNUAL	AREA	S
610350.43	4206106.03	9792.02835	12	12	0	ANNUAL	AREA	S
610357.43	4206106.03	10259.80816	12	12	0	ANNUAL	AREA	S
610364.43	4206106.03	10759.96733	12	12	0	ANNUAL	AREA	S
610371.43	4206106.03	11295.46927	12	12	0	ANNUAL	AREA	S
610378.43	4206106.03	11869.42744	12	12	0	ANNUAL	AREA	S
610385.43	4206106.03	12485.42002	12	12	0	ANNUAL	AREA	S
610392.43	4206106.03	13147.26634	12	12	0	ANNUAL	AREA	S
610399.43	4206106.03	13859.37237	12	12	0	ANNUAL	AREA	S
610406.43	4206106.03	14626.38444	12	12	0	ANNUAL	AREA	S
610413.43	4206106.03	15453.74413	12	12	0	ANNUAL	AREA	S
610420.43	4206106.03	16360.14513	11.91	11.91	0	ANNUAL	AREA	S
610427.43	4206106.03	17341.32675	11.82	11.82	0	ANNUAL	AREA	S
610434.43	4206106.03	18403.4246	11.74	11.74	0	ANNUAL	AREA	S
610441.43	4206106.03	19558.16328	11.65	11.65	0	ANNUAL	AREA	S
610448.43	4206106.03	20813.95322	11.56	11.56	0	ANNUAL	AREA	S
610455.43	4206106.03	22181.85524	11.47	11.47	0	ANNUAL	AREA	S
610462.43	4206106.03	23674.7679	11.38	11.38	0	ANNUAL	AREA	S
610469.43	4206106.03	25306.89112	11.29	11.29	0	ANNUAL	AREA	S
610476.43	4206106.03	27094.73572	11.2	11.2	0	ANNUAL	AREA	S
610483.43	4206106.03	29057.19668	11.11	11.11	0	ANNUAL	AREA	S
610497.43	4206106.03	33546.3346	11.06	11.06	0	ANNUAL	AREA	S
610504.43	4206106.03	36139.1945	11.05	11.05	0	ANNUAL	AREA	S
610511.43	4206106.03	39010.7112	11.04	11.04	0	ANNUAL	AREA	S
610518.43	4206106.03	42195.80665	11.04	11.04	0	ANNUAL	AREA	S
610525.43	4206106.03	45752.09574	11.03	11.03	0	ANNUAL	AREA	S
610532.43	4206106.03	49732.66235	11.02	11.02	0	ANNUAL	AREA	S
610539.43	4206106.03	54202.00064	11.02	11.02	0	ANNUAL	AREA	S
610546.43	4206106.03	59260.69789	11.01	11.01	0	ANNUAL	AREA	S
610553.43	4206106.03	65004.65426	11.01	11.01	0	ANNUAL	AREA	S
610560.43	4206106.03	71600.57538	10.99	10.99	0	ANNUAL	AREA	S
610567.43	4206106.03	79296.45129	10.9	10.9	0	ANNUAL	AREA	S
610574.43	4206106.03	88285.28216	10.81	10.81	0	ANNUAL	AREA	S
610581.43	4206106.03	98913.21967	10.72	10.72	0	ANNUAL	AREA	S
610588.43	4206106.03	111649.8164	10.63	10.63	0	ANNUAL	AREA	S
610595.43	4206106.03	127134.9458	10.54	10.54	0	ANNUAL	AREA	S
610602.43	4206106.03	146149.0456	10.45	10.45	0	ANNUAL	AREA	S
610609.43	4206106.03	168941.5615	10.36	10.36	0	ANNUAL	AREA	S
610616.43	4206106.03	192592.6989	10.27	10.27	0	ANNUAL	AREA	S
610620	4206104.63	203023.1298	10.21	10.21	0	ANNUAL	AREA	S
610770.43	4206106.03	282288.4661	9	9	0	ANNUAL	AREA	S
610777.43	4206106.03	272498.327	9	9	0	ANNUAL	AREA	S
610784.43	4206106.03	245848.3599	9	9	0	ANNUAL	AREA	S
610791.43	4206106.03	216410.6001	9	9	0	ANNUAL	AREA	S
610798.43	4206106.03	189731.6937	9	9	0	ANNUAL	AREA	S
610805.43	4206106.03	166896.8314	9	9	0	ANNUAL	AREA	S
610812.43	4206106.03	147549.5978	9	9	0	ANNUAL	AREA	S
610819.43	4206106.03	131130.7433	9	9	0	ANNUAL	AREA	S
610833.43	4206106.03	105106.0513	9	9	0	ANNUAL	AREA	S
610840.43	4206106.03	94741.79991	9	9	0	ANNUAL	AREA	S
610847.43	4206106.03	85754.82365	9	9	0	ANNUAL	AREA	S
610854.43	4206106.03	77924.22678	9	9	0	ANNUAL	AREA	S
610861.43	4206106.03	71069.15079	9	9	0	ANNUAL	AREA	S
610868.43	4206106.03	65041.32856	9	9	0	ANNUAL	AREA	S
610875.43	4206106.03	59718.11285	9	9	0	ANNUAL	AREA	S
610882.43	4206106.03	54998.5861	9	9	0	ANNUAL	AREA	S
610889.43	4206106.03	50797.99098	9	9	0	ANNUAL	AREA	S
610896.43	4206106.03	47045.42628	9	9	0	ANNUAL	AREA	S
610903.43	4206106.03	43681.3207	9	9	0	ANNUAL	AREA	S
610910.43	4206106.03	40655.54172	9	9	0	ANNUAL	AREA	S
610917.43	4206106.03	37925.3336	9	9	0	ANNUAL	AREA	S
610924.43	4206106.03	35454.33682	9	9	0	ANNUAL	AREA	S
610931.43	4206106.03	33211.49928	9	9	0	ANNUAL	AREA	S
610952.43	4206106.03	27603.00965	9	9	0	ANNUAL	AREA	S
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610966.43	4206106.03	24603.87592	9	9	0	ANNUAL	AREA	S
610973.43	4206106.03	23280.98742	9	9	0	ANNUAL	AREA	S
610980.43	4206106.03	22060.02029	9	9	0	ANNUAL	AREA	S
610987.43	4206106.03	20930.86915	9	9	0	ANNUAL	AREA	S
610994.43	4206106.03	19884.68972	9	9	0	ANNUAL	AREA	S
611001.43	4206106.03	18913.63546	9	9	0	ANNUAL	AREA	S
611008.43	4206106.03	18010.76746	9	9	0	ANNUAL	AREA	S
611015.43	4206106.03	17169.97966	9	9	0	ANNUAL	AREA	S
611022.43	4206106.03	16385.6372	9	9	0	ANNUAL	AREA	S
611029.43	4206106.03	15652.99563	9	9	0	ANNUAL	AREA	S
611036.43	4206106.03	14967.57886	9	9	0	ANNUAL	AREA	S
611043.43	4206106.03	14325.47423	9	9	0	ANNUAL	AREA	S
611050.43	4206106.03	13723.16049	9	9	0	ANNUAL	AREA	S
611057.43	4206106.03	13157.4919	9	9	0	ANNUAL	AREA	S

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611071.43	4206106.03	12124.49966	9	9	0	ANNUAL	AREA	5
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610301.43	4206113.03	7108.81441	12	12	0	ANNUAL	AREA	5
610308.43	4206113.03	7403.78126	12	12	0	ANNUAL	AREA	5
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610371.43	4206113.03	11085.06448	12	12	0	ANNUAL	AREA	5
610378.43	4206113.03	11647.9499	12	12	0	ANNUAL	AREA	5
610385.43	4206113.03	12252.2617	12	12	0	ANNUAL	AREA	5
610392.43	4206113.03	12901.87641	12	12	0	ANNUAL	AREA	5
610399.43	4206113.03	13601.08879	12	12	0	ANNUAL	AREA	5
610406.43	4206113.03	14354.71914	12	12	0	ANNUAL	AREA	5
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610420.43	4206113.03	16058.33275	11.92	11.92	0	ANNUAL	AREA	5
610427.43	4206113.03	17022.64953	11.84	11.84	0	ANNUAL	AREA	5
610434.43	4206113.03	18068.76267	11.76	11.76	0	ANNUAL	AREA	5
610441.43	4206113.03	19207.11824	11.67	11.67	0	ANNUAL	AREA	5
610448.43	4206113.03	20443.94778	11.59	11.59	0	ANNUAL	AREA	5
610455.43	4206113.03	21792.26964	11.51	11.51	0	ANNUAL	AREA	5
610462.43	4206113.03	23264.796	11.43	11.43	0	ANNUAL	AREA	5
610469.43	4206113.03	24875.95795	11.35	11.35	0	ANNUAL	AREA	5
610476.43	4206113.03	26645.02101	11.26	11.26	0	ANNUAL	AREA	5
610483.43	4206113.03	28585.54898	11.18	11.18	0	ANNUAL	AREA	5
610497.43	4206113.03	33041.64055	11.12	11.12	0	ANNUAL	AREA	5
610504.43	4206113.03	35617.31991	11.11	11.11	0	ANNUAL	AREA	5
610511.43	4206113.03	38477.06188	11.09	11.09	0	ANNUAL	AREA	5
610518.43	4206113.03	41652.52736	11.08	11.08	0	ANNUAL	AREA	5
610525.43	4206113.03	45196.1151	11.07	11.07	0	ANNUAL	AREA	5
610532.43	4206113.03	49172.07714	11.05	11.05	0	ANNUAL	AREA	5
610539.43	4206113.03	53640.27036	11.04	11.04	0	ANNUAL	AREA	5
610546.43	4206113.03	58702.0008	11.02	11.02	0	ANNUAL	AREA	5
610553.43	4206113.03	64454.00908	11.01	11.01	0	ANNUAL	AREA	5
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610567.43	4206113.03	78747.08173	10.91	10.91	0	ANNUAL	AREA	5
610574.43	4206113.03	87733.94454	10.83	10.83	0	ANNUAL	AREA	5
610581.43	4206113.03	98374.1961	10.74	10.74	0	ANNUAL	AREA	5
610588.43	4206113.03	111107.4918	10.66	10.66	0	ANNUAL	AREA	5
610595.43	4206113.03	126608.7256	10.57	10.57	0	ANNUAL	AREA	5
610602.43	4206113.03	145601.4954	10.49	10.49	0	ANNUAL	AREA	5
610609.43	4206113.03	168383.8813	10.41	10.41	0	ANNUAL	AREA	5
610616.43	4206113.03	192142.8678	10.32	10.32	0	ANNUAL	AREA	5
610620	4206111.63	202654.8355	10.27	10.27	0	ANNUAL	AREA	5
610767.12	4206112.39	299688.918	9.02	9.02	0	ANNUAL	AREA	5
610770.43	4206113.03	294430.9435	9.01	9.01	0	ANNUAL	AREA	5
610777.43	4206113.03	278417.9581	9	9	0	ANNUAL	AREA	5
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610791.43	4206113.03	222342.4015	9	9	0	ANNUAL	AREA	5
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610812.43	4206113.03	153411.9092	9	9	0	ANNUAL	AREA	5
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610833.43	4206113.03	110419.7935	9	9	0	ANNUAL	AREA	5
610840.43	4206113.03	99812.24436	9	9	0	ANNUAL	AREA	5
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610854.43	4206113.03	82477.58318	9	9	0	ANNUAL	AREA	5
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610868.43	4206113.03	69080.4279	9	9	0	ANNUAL	AREA	5
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610882.43	4206113.03	58557.74822	9	9	0	ANNUAL	AREA	5
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610924.43	4206113.03	37867.81529	9	9	0	ANNUAL	AREA	5
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610952.43	4206113.03	29481.06216	9	9	0	ANNUAL	AREA	5
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610392.43	4206120.03	12648.47783	12	12	0	ANNUAL	AREA	5
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610406.43	4206120.03	14072.80679	12	12	0	ANNUAL	AREA	5
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610441.43	4206120.03	18835.7854	11.7	11.7	0	ANNUAL	AREA	5
610448.43	4206120.03	20051.48176	11.63	11.63	0	ANNUAL	AREA	5
610455.43	4206120.03	21379.66549	11.55	11.55	0	ANNUAL	AREA	5
610462.43	4206120.03	22829.04836	11.48	11.48	0	ANNUAL	AREA	5
610469.43	4206120.03	24418.77993	11.4	11.4	0	ANNUAL	AREA	5
610476.43	4206120.03	26160.3683	11.33	11.33	0	ANNUAL	AREA	5
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610497.43	4206120.03	32489.18529	11.19	11.19	0	ANNUAL	AREA	5
610504.43	4206120.03	35050.91944	11.16	11.16	0	ANNUAL	AREA	5
610511.43	4206120.03	37889.73768	11.14	11.14	0	ANNUAL	AREA	5
610518.43	4206120.03	41050.19339	11.12	11.12	0	ANNUAL	AREA	5
610525.43	4206120.03	44580.89087	11.1	11.1	0	ANNUAL	AREA	5
610532.43	4206120.03	48540.71343	11.08	11.08	0	ANNUAL	AREA	5
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610553.43	4206120.03	63803.81463	11.02	11.02	0	ANNUAL	AREA	5
610560.43	4206120.03	70409.07493	10.99	10.99	0	ANNUAL	AREA	5
610567.43	4206120.03	78091.22744	10.92	10.92	0	ANNUAL	AREA	5
610574.43	4206120.03	87080.30119	10.84	10.84	0	ANNUAL	AREA	5
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610602.43	4206120.03	144911.4514	10.53	10.53	0	ANNUAL	AREA	5
610609.43	4206120.03	167663.2446	10.46	10.46	0	ANNUAL	AREA	5
610615.16	4206121.68	187159.7867	10.41	10.41	0	ANNUAL	AREA	5
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610791.43	4206120.03	227397.1467	9	9	0	ANNUAL	AREA	5
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610840.43	4206120.03	104479.8101	9	9	0	ANNUAL	AREA	5
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610868.43	4206120.03	72927.56675	9	9	0	ANNUAL	AREA	5
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610924.43	4206120.03	40263.76419	9	9	0	ANNUAL	AREA	5
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611057.43	4206120.03	14820.38616	9	9	0	ANNUAL	AREA	5
611064.43	4206120.03	14209.44811	9	9	0	ANNUAL	AREA	5
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610343.43	4206127.03	8830.00119	12	12	0	ANNUAL	AREA	5
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610385.43	4206127.03	11765.38316	12	12	0	ANNUAL	AREA	5
610392.43	4206127.03	12387.8439	12	12	0	ANNUAL	AREA	5
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610434.43	4206127.03	17351.59758	11.8	11.8	0	ANNUAL	AREA	5
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610448.43	4206127.03	19641.61734	11.66	11.66	0	ANNUAL	AREA	5
610455.43	4206127.03	20943.27503	11.6	11.6	0	ANNUAL	AREA	5
610462.43	4206127.03	22369.11533	11.53	11.53	0	ANNUAL	AREA	5
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610497.43	4206127.03	31898.23549	11.25	11.25	0	ANNUAL	AREA	5
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610518.43	4206127.03	40390.56344	11.16	11.16	0	ANNUAL	AREA	5
610525.43	4206127.03	43897.17352	11.14	11.14	0	ANNUAL	AREA	5
610532.43	4206127.03	47840.05006	11.11	11.11	0	ANNUAL	AREA	5
610539.43	4206127.03	52286.80191	11.08	11.08	0	ANNUAL	AREA	5
610546.43	4206127.03	57326.78569	11.05	11.05	0	ANNUAL	AREA	5
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610567.43	4206127.03	77342.00392	10.92	10.92	0	ANNUAL	AREA	5
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610595.43	4206127.03	125080.4937	10.65	10.65	0	ANNUAL	AREA	5
610602.43	4206127.03	144036.7213	10.58	10.58	0	ANNUAL	AREA	5
610609.43	4206127.03	166798.8507	10.51	10.51	0	ANNUAL	AREA	5
610616.43	4206127.03	190749.7003	10.44	10.44	0	ANNUAL	AREA	5
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610791.43	4206127.03	231694.8551	9	9	0	ANNUAL	AREA	5
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610840.43	4206127.03	108749.9916	9	9	0	ANNUAL	AREA	5
610847.43	4206127.03	99173.49673	9	9	0	ANNUAL	AREA	5
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611071.43	4206127.03	14416.34086	9	9	0	ANNUAL	AREA	5
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610308.43	4206134.03	6993.52205	12	12	0	ANNUAL	AREA	5
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610322.43	4206134.03	7594.83206	12	12	0	ANNUAL	AREA	5
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610343.43	4206134.03	8649.57988	12	12	0	ANNUAL	AREA	5
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610378.43	4206134.03	10948.44473	12	12	0	ANNUAL	AREA	5
610385.43	4206134.03	11513.1822	12	12	0	ANNUAL	AREA	5
610392.43	4206134.03	12120.74889	12	12	0	ANNUAL	AREA	5
610399.43	4206134.03	12775.55103	12	12	0	ANNUAL	AREA	5
610406.43	4206134.03	13482.1229	12	12	0	ANNUAL	AREA	5
610413.43	4206134.03	14245.86336	12	12	0	ANNUAL	AREA	5
610420.43	4206134.03	15080.97798	11.94	11.94	0	ANNUAL	AREA	5
610427.43	4206134.03	15987.02766	11.88	11.88	0	ANNUAL	AREA	5
610434.43	4206134.03	16971.54388	11.82	11.82	0	ANNUAL	AREA	5
610441.43	4206134.03	18043.31799	11.76	11.76	0	ANNUAL	AREA	5
610448.43	4206134.03	19212.07016	11.7	11.7	0	ANNUAL	AREA	5
610455.43	4206134.03	20488.85525	11.64	11.64	0	ANNUAL	AREA	5
610462.43	4206134.03	21886.43224	11.58	11.58	0	ANNUAL	AREA	5
610469.43	4206134.03	23419.30384	11.52	11.52	0	ANNUAL	AREA	5
610476.43	4206134.03	25104.2405	11.46	11.46	0	ANNUAL	AREA	5
610483.43	4206134.03	26960.24539	11.4	11.4	0	ANNUAL	AREA	5
610497.43	4206134.03	31266.81624	11.31	11.31	0	ANNUAL	AREA	5
610504.43	4206134.03	33770.73605	11.28	11.28	0	ANNUAL	AREA	5
610511.43	4206134.03	36560.80323	11.24	11.24	0	ANNUAL	AREA	5
610518.43	4206134.03	39669.84888	11.21	11.21	0	ANNUAL	AREA	5
610525.43	4206134.03	43156.95349	11.17	11.17	0	ANNUAL	AREA	5
610532.43	4206134.03	47077.38259	11.13	11.13	0	ANNUAL	AREA	5
610539.43	4206134.03	51497.34598	11.1	11.1	0	ANNUAL	AREA	5
610546.43	4206134.03	56520.01464	11.06	11.06	0	ANNUAL	AREA	5
610553.43	4206134.03	62243.59759	11.03	11.03	0	ANNUAL	AREA	5
610560.43	4206134.03	68828.6582	10.99	10.99	0	ANNUAL	AREA	5
610567.43	4206134.03	76477.44236	10.93	10.93	0	ANNUAL	AREA	5
610574.43	4206134.03	85422.79991	10.87	10.87	0	ANNUAL	AREA	5
610581.43	4206134.03	96004.05198	10.81	10.81	0	ANNUAL	AREA	5
610588.43	4206134.03	108684.6724	10.75	10.75	0	ANNUAL	AREA	5
610595.43	4206134.03	124119.8703	10.68	10.68	0	ANNUAL	AREA	5
610602.43	4206134.03	143038.0854	10.62	10.62	0	ANNUAL	AREA	5
610609.43	4206134.03	165755.4285	10.56	10.56	0	ANNUAL	AREA	5
610616.43	4206134.03	189800.2188	10.5	10.5	0	ANNUAL	AREA	5
610767.12	4206133.39	312866.5694	9.05	9.05	0	ANNUAL	AREA	5
610770.43	4206134.03	307716.7539	9.04	9.04	0	ANNUAL	AREA	5
610777.43	4206134.03	291143.425	9.01	9.01	0	ANNUAL	AREA	5
610784.43	4206134.03	264367.6897	9	9	0	ANNUAL	AREA	5
610791.43	4206134.03	235329.8363	9	9	0	ANNUAL	AREA	5
610798.43	4206134.03	209065.5483	9	9	0	ANNUAL	AREA	5
610805.43	4206134.03	186448.5922	9	9	0	ANNUAL	AREA	5
610812.43	4206134.03	167108.9281	9	9	0	ANNUAL	AREA	5
610833.43	4206134.03	123609.4609	9	9	0	ANNUAL	AREA	5
610840.43	4206134.03	112636.7808	9	9	0	ANNUAL	AREA	5
610847.43	4206134.03	102964.7363	9	9	0	ANNUAL	AREA	5
610854.43	4206134.03	94399.10657	9	9	0	ANNUAL	AREA	5
610861.43	4206134.03	86781.08814	9	9	0	ANNUAL	AREA	5
610868.43	4206134.03	79980.17455	9	9	0	ANNUAL	AREA	5
610875.43	4206134.03	73887.87376	9	9	0	ANNUAL	AREA	5
610882.43	4206134.03	68413.89252	9	9	0	ANNUAL	AREA	5
610889.43	4206134.03	63480.95425	9	9	0	ANNUAL	AREA	5
610896.43	4206134.03	59023.83495	9	9	0	ANNUAL	AREA	5
610903.43	4206134.03	54986.3103	9	9	0	ANNUAL	AREA	5
610910.43	4206134.03	51319.908	9	9	0	ANNUAL	AREA	5
610917.43	4206134.03	47982.99862	9	9	0	ANNUAL	AREA	5
610924.43	4206134.03	44939.19242	9	9	0	ANNUAL	AREA	5
610931.43	4206134.03	42157.02546	9	9	0	ANNUAL	AREA	5
610952.43	4206134.03	35119.97801	9	9	0	ANNUAL	AREA	5
610959.43	4206134.03	33139.47062	9	9	0	ANNUAL	AREA	5
610966.43	4206134.03	31312.07643	9	9	0	ANNUAL	AREA	5
610973.43	4206134.03	29623.01959	9	9	0	ANNUAL	AREA	5
610980.43	4206134.03	28059.52895	9	9	0	ANNUAL	AREA	5
610987.43	4206134.03	26609.71699	9	9	0	ANNUAL	AREA	5
610994.43	4206134.03	25263.35467	9	9	0	ANNUAL	AREA	5
611001.43	4206134.03	24011.29879	9	9	0	ANNUAL	AREA	5
611008.43	4206134.03	22845.21025	9	9	0	ANNUAL	AREA	5
611036.43	4206134.03	18903.82837	9	9	0	ANNUAL	AREA	5
611043.43	4206134.03	18070.6197	9	9	0	ANNUAL	AREA	5
611050.43	4206134.03	17288.70626	9	9	0	ANNUAL	AREA	5
611057.43	4206134.03	16554.14356	9	9	0	ANNUAL	AREA	5
611064.43	4206134.03	15863.3362	9	9	0	ANNUAL	AREA	5
611071.43	4206134.03	15212.89737	9	9	0	ANNUAL	AREA	5
611078.43	4206134.03	14599.88205	9	9	0	ANNUAL	AREA	5
611085.43	4206134.03	14021.51851	9	9	0	ANNUAL	AREA	5
611092.43	4206134.03	13475.39297	9	9	0	ANNUAL	AREA	5
610294.43	4206141.03	6334.52466	12	12	0	ANNUAL	AREA	5
610301.43	4206141.03	6586.83806	12	12	0	ANNUAL	AREA	5
610308.43	4206141.03	6854.38574	12	12	0	ANNUAL	AREA	5
610315.43	4206141.03	7138.32868	12	12	0	ANNUAL	AREA	5
610322.43	4206141.03	7440.02063	12	12	0	ANNUAL	AREA	5
610329.43	4206141.03	7760.94169	12	12	0	ANNUAL	AREA	5
610336.43	4206141.03	8102.70696	12	12	0	ANNUAL	AREA	5
610343.43	4206141.03	8467.13215	12	12	0	ANNUAL	AREA	5
610350.43	4206141.03	8856.19238	12	12	0	ANNUAL	AREA	5
610357.43	4206141.03	9272.02372	12	12	0	ANNUAL	AREA	5
610364.43	4206141.03	9717.0749	12	12	0	ANNUAL	AREA	5
610371.43	4206141.03	10194.06882	12	12	0	ANNUAL	AREA	5
610378.43	4206141.03	10705.95653	12	12	0	ANNUAL	AREA	5
610385.43	4206141.03	11256.08587	12	12	0	ANNUAL	AREA	5
610392.43	4206141.03	11848.19765	12	12	0	ANNUAL	AREA	5
610399.43	4206141.03	12486.4164	12	12	0	ANNUAL	AREA	5
610406.43	4206141.03	13175.43592	12	12	0	ANNUAL	AREA	5
610413.43	4206141.03	13920.34039	12	12	0	ANNUAL	AREA	5
610420.43	4206141.03	14725.38574	11.94	11.94	0	ANNUAL	AREA	5
610427.43	4206141.03	15618.72401	11.89	11.89	0	ANNUAL	AREA	5
610434.43	4206141.03	16579.03435	11.84	11.84	0	ANNUAL	AREA	5
610441.43	4206141.03	17624.94838	11.79	11.79	0	ANNUAL	AREA	5
610448.43	4206141.03	18768.11664	11.73	11.73	0	ANNUAL	AREA	5
610455.43	4206141.03	20015.97041	11.68	11.68	0	ANNUAL	AREA	5
610462.43	4206141.03	21382.81712	11.63	11.63	0	ANNUAL	AREA	5
610469.43	4206141.03	22883.15462	11.58	11.58	0	ANNUAL	AREA	5
610476.43	4206141.03	24536.3057	11.52	11.52	0	ANNUAL	AREA	5
610483.43	4206141.03	26356.36204	11.47	11.47	0	ANNUAL	AREA	5
610497.43	4206141.03	30592.92099	11.38	11.38	0	ANNUAL	AREA	5
610504.43	4206141.03	33068.54894	11.33	11.33	0	ANNUAL	AREA	5
610511.43	4206141.03	35822.30639	11.29	11.29	0	ANNUAL	AREA	5
610518.43	4206141.03	38899.84302	11.25	11.25	0	ANNUAL	AREA	5
610525.43	4206141.03	42356.20372	11.2	11.2	0	ANNUAL	AREA	5
610532.43	4206141.03	46241.4989	11.16	11.16	0	ANNUAL	AREA	5
610539.43	4206141.03	50634.02247	11.12	11.12	0	ANNUAL	AREA	5
610546.43	4206141.03	55624.23506	11.08	11.08	0	ANNUAL	AREA	5
610553.43	4206141.03	61325.98164	11.04	11.04	0	ANNUAL	AREA	5
610560.43	4206141.03	67893.99242	10.99	10.99	0	ANNUAL	AREA	5
610567.43	4206141.03	75508.81878	10.94	10.94	0	ANNUAL	AREA	5
610574.43	4206141.03	84433.11314	10.88	10.88	0	ANNUAL	AREA	5

610581.43	4206141.03	94980.42692	10.83	10.83	0	ANNUAL	AREA	S
610588.43	4206141.03	107640.7801	10.77	10.77	0	ANNUAL	AREA	S
610595.43	4206141.03	122989.6028	10.72	10.72	0	ANNUAL	AREA	S
610602.43	4206141.03	141870.8265	10.66	10.66	0	ANNUAL	AREA	S
610609.43	4206141.03	164507.8827	10.61	10.61	0	ANNUAL	AREA	S
610616.43	4206141.03	188418.643	10.55	10.55	0	ANNUAL	AREA	S
610770.43	4206141.03	310822.4641	9.05	9.05	0	ANNUAL	AREA	S
610777.43	4206141.03	294038.2234	9.01	9.01	0	ANNUAL	AREA	S
610784.43	4206141.03	267279.7885	9	9	0	ANNUAL	AREA	S
610791.43	4206141.03	238390.8755	9	9	0	ANNUAL	AREA	S
610798.43	4206141.03	212306.061	9	9	0	ANNUAL	AREA	S
610805.43	4206141.03	189827.369	9	9	0	ANNUAL	AREA	S
610812.43	4206141.03	170586.8619	9	9	0	ANNUAL	AREA	S
610833.43	4206141.03	127164.8882	9	9	0	ANNUAL	AREA	S
610840.43	4206141.03	116157.4164	9	9	0	ANNUAL	AREA	S
610847.43	4206141.03	106427.3091	9	9	0	ANNUAL	AREA	S
610854.43	4206141.03	97784.29811	9	9	0	ANNUAL	AREA	S
610861.43	4206141.03	90073.60008	9	9	0	ANNUAL	AREA	S
610868.43	4206141.03	83168.93416	9	9	0	ANNUAL	AREA	S
610875.43	4206141.03	76965.03851	9	9	0	ANNUAL	AREA	S
610882.43	4206141.03	71373.71075	9	9	0	ANNUAL	AREA	S
610889.43	4206141.03	66320.84472	9	9	0	ANNUAL	AREA	S
610896.43	4206141.03	61742.67507	9	9	0	ANNUAL	AREA	S
610903.43	4206141.03	57584.77563	9	9	0	ANNUAL	AREA	S
610910.43	4206141.03	53799.91539	9	9	0	ANNUAL	AREA	S
610917.43	4206141.03	50347.2147	9	9	0	ANNUAL	AREA	S
610924.43	4206141.03	47190.97014	9	9	0	ANNUAL	AREA	S
610931.43	4206141.03	44300.31798	9	9	0	ANNUAL	AREA	S
610952.43	4206141.03	36963.82644	9	9	0	ANNUAL	AREA	S
610959.43	4206141.03	34892.50525	9	9	0	ANNUAL	AREA	S
610966.43	4206141.03	32978.74365	9	9	0	ANNUAL	AREA	S
610973.43	4206141.03	31207.79779	9	9	0	ANNUAL	AREA	S
610980.43	4206141.03	29566.5	9	9	0	ANNUAL	AREA	S
610987.43	4206141.03	28043.0584	9	9	0	ANNUAL	AREA	S
610994.43	4206141.03	26627.18696	9	9	0	ANNUAL	AREA	S
611001.43	4206141.03	25309.21892	9	9	0	ANNUAL	AREA	S
611008.43	4206141.03	24080.8258	9	9	0	ANNUAL	AREA	S
611015.43	4206141.03	22934.50892	9	9	0	ANNUAL	AREA	S
611036.43	4206141.03	19922.62408	9	9	0	ANNUAL	AREA	S
611043.43	4206141.03	19042.43681	9	9	0	ANNUAL	AREA	S
611050.43	4206141.03	18216.18194	9	9	0	ANNUAL	AREA	S
611057.43	4206141.03	17439.67324	9	9	0	ANNUAL	AREA	S
611064.43	4206141.03	16709.1033	9	9	0	ANNUAL	AREA	S
611071.43	4206141.03	16021.15031	9	9	0	ANNUAL	AREA	S
611078.43	4206141.03	15372.62308	9	9	0	ANNUAL	AREA	S
611085.43	4206141.03	14760.69097	9	9	0	ANNUAL	AREA	S
611092.43	4206141.03	14182.72832	9	9	0	ANNUAL	AREA	S
610294.43	4206148.03	6208.58794	12	12	0	ANNUAL	AREA	S
610301.43	4206148.03	6454.14622	12	12	0	ANNUAL	AREA	S
610308.43	4206148.03	6714.43555	12	12	0	ANNUAL	AREA	S
610315.43	4206148.03	6990.66835	12	12	0	ANNUAL	AREA	S
610322.43	4206148.03	7284.16699	12	12	0	ANNUAL	AREA	S
610329.43	4206148.03	7596.30003	12	12	0	ANNUAL	AREA	S
610336.43	4206148.03	7928.68574	12	12	0	ANNUAL	AREA	S
610343.43	4206148.03	8283.05003	12	12	0	ANNUAL	AREA	S
610350.43	4206148.03	8661.31963	12	12	0	ANNUAL	AREA	S
610357.43	4206148.03	9065.68037	12	12	0	ANNUAL	AREA	S
610364.43	4206148.03	9498.39695	12	12	0	ANNUAL	AREA	S
610371.43	4206148.03	9962.15644	12	12	0	ANNUAL	AREA	S
610378.43	4206148.03	10459.94186	12	12	0	ANNUAL	AREA	S
610385.43	4206148.03	10995.01037	12	12	0	ANNUAL	AREA	S
610392.43	4206148.03	11571.00506	12	12	0	ANNUAL	AREA	S
610399.43	4206148.03	12191.88815	12	12	0	ANNUAL	AREA	S
610406.43	4206148.03	12862.42194	12	12	0	ANNUAL	AREA	S
610413.43	4206148.03	13587.66415	12	12	0	ANNUAL	AREA	S
610420.43	4206148.03	14380.17117	11.95	11.95	0	ANNUAL	AREA	S
610427.43	4206148.03	15239.3309	11.91	11.91	0	ANNUAL	AREA	S
610434.43	4206148.03	16175.42855	11.86	11.86	0	ANNUAL	AREA	S
610441.43	4206148.03	17191.87907	11.82	11.82	0	ANNUAL	AREA	S
610448.43	4206148.03	18307.65569	11.77	11.77	0	ANNUAL	AREA	S
610455.43	4206148.03	19524.18887	11.73	11.73	0	ANNUAL	AREA	S
610462.43	4206148.03	20859.97264	11.68	11.68	0	ANNUAL	AREA	S
610469.43	4206148.03	22327.5567	11.63	11.63	0	ANNUAL	AREA	S
610476.43	4206148.03	23940.84472	11.59	11.59	0	ANNUAL	AREA	S
610483.43	4206148.03	25724.1084	11.54	11.54	0	ANNUAL	AREA	S
610497.43	4206148.03	29886.05228	11.44	11.44	0	ANNUAL	AREA	S
610504.43	4206148.03	32320.74728	11.39	11.39	0	ANNUAL	AREA	S
610511.43	4206148.03	35036.9866	11.34	11.34	0	ANNUAL	AREA	S
610518.43	4206148.03	38076.85037	11.29	11.29	0	ANNUAL	AREA	S
610525.43	4206148.03	41490.85426	11.24	11.24	0	ANNUAL	AREA	S
610532.43	4206148.03	45339.60849	11.19	11.19	0	ANNUAL	AREA	S
610539.43	4206148.03	49697.26134	11.14	11.14	0	ANNUAL	AREA	S
610546.43	4206148.03	54655.17551	11.09	11.09	0	ANNUAL	AREA	S
610553.43	4206148.03	60328.0319	11.04	11.04	0	ANNUAL	AREA	S
610560.43	4206148.03	66861.93663	10.99	10.99	0	ANNUAL	AREA	S
610567.43	4206148.03	74434.45227	10.95	10.95	0	ANNUAL	AREA	S
610574.43	4206148.03	83316.67979	10.9	10.9	0	ANNUAL	AREA	S
610581.43	4206148.03	93836.33955	10.85	10.85	0	ANNUAL	AREA	S
610588.43	4206148.03	106452.2471	10.8	10.8	0	ANNUAL	AREA	S
610595.43	4206148.03	121741.9516	10.76	10.76	0	ANNUAL	AREA	S
610602.43	4206148.03	140569.9121	10.71	10.71	0	ANNUAL	AREA	S
610609.43	4206148.03	163192.4044	10.66	10.66	0	ANNUAL	AREA	S
610616.43	4206148.03	187050.9419	10.61	10.61	0	ANNUAL	AREA	S
610770.43	4206148.03	313408.8815	9.06	9.06	0	ANNUAL	AREA	S
610777.43	4206148.03	296426.8163	9.01	9.01	0	ANNUAL	AREA	S
610784.43	4206148.03	269670.192	9	9	0	ANNUAL	AREA	S
610791.43	4206148.03	240954.7404	9	9	0	ANNUAL	AREA	S
610798.43	4206148.03	215059.5523	9	9	0	ANNUAL	AREA	S
610805.43	4206148.03	192737.7409	9	9	0	ANNUAL	AREA	S
610812.43	4206148.03	173614.1773	9	9	0	ANNUAL	AREA	S
610840.43	4206148.03	119333.3458	9	9	0	ANNUAL	AREA	S
610847.43	4206148.03	109575.4751	9	9	0	ANNUAL	AREA	S
610854.43	4206148.03	100884.9307	9	9	0	ANNUAL	AREA	S
610861.43	4206148.03	93111.15899	9	9	0	ANNUAL	AREA	S
610868.43	4206148.03	86130.28295	9	9	0	ANNUAL	AREA	S
610875.43	4206148.03	79840.6208	9	9	0	ANNUAL	AREA	S
610882.43	4206148.03	74156.66798	9	9	0	ANNUAL	AREA	S
610889.43	4206148.03	69005.86124	9	9	0	ANNUAL	AREA	S
610896.43	4206148.03	64327.02652	9	9	0	ANNUAL	AREA	S
610903.43	4206148.03	60066.86486	9	9	0	ANNUAL	AREA	S
610910.43	4206148.03	56179.83417	9	9	0	ANNUAL	AREA	S
610917.43	4206148.03	52625.90888	9	9	0	ANNUAL	AREA	S
610924.43	4206148.03	49370.14803	9	9	0	ANNUAL	AREA	S
610931.43	4206148.03	46382.4337	9	9	0	ANNUAL	AREA	S
610952.43	4206148.03	38773.02439	9	9	0	ANNUAL	AREA	S
610959.43	4206148.03	36617.52543	9	9	0	ANNUAL	AREA	S
610966.43	4206148.03	34623.27708	9	9	0	ANNUAL	AREA	S
610973.43	4206148.03	32775.3999	9	9	0	ANNUAL	AREA	S
610980.43	4206148.03	31060.70026	9	9	0	ANNUAL	AREA	S
610987.43	4206148.03	29467.43767	9	9	0	ANNUAL	AREA	S
610994.43	4206148.03	27985.02215	9	9	0	ANNUAL	AREA	S
611001.43	4206148.03	26603.88565	9	9	0	ANNUAL	AREA	S
611008.43	4206148.03	25315.69688	9	9	0	ANNUAL	AREA	S
611015.43	4206148.03	24112.43869	9	9	0	ANNUAL	AREA	S
611029.43	4206148.03	21934.05151	9	9	0	ANNUAL	AREA	S
611036.43	4206148.03	20946.93234	9	9	0	ANNUAL	AREA	S
611043.43	4206148.03	20020.77628	9	9	0	ANNUAL	AREA	S
611050.43	4206148.03	19150.91439	9	9	0	ANNUAL	AREA	S
611057.43	4206148.03	18333.02416	9	9	0	ANNUAL	AREA	S
611064.43	4206148.03	17563.3401	9	9	0	ANNUAL	AREA	S
611071.43	4206148.03	16838.24598	9	9	0	ANNUAL	AREA	S
611078.43	4206148.03	16154.50778	9	9	0	ANNUAL	AREA	S
611085.43	4206148.03	15509.14239	9	9	0	ANNUAL	AREA	S
611092.43	4206148.03	14899.49892	9	9	0	ANNUAL	AREA	S
610294.43	4206155.03	6082.27496	12	12	0	ANNUAL	AREA	S
610301.43	4206155.03	6320.99133	12	12	0	ANNUAL	AREA	S
610308.43	4206155.03	6573.99942	12	12	0	ANNUAL	AREA	S
610315.43	4206155.03	6842.45131	12	12	0	ANNUAL	AREA	S
610322.43	4206155.03	7127.58815	12	12	0	ANNUAL	AREA	S
610329.43	4206155.03	7430.79914	12	12	0	ANNUAL	AREA	S
610336.43	4206155.03	7753.61404	12	12	0	ANNUAL	AREA	S
610343.43	4206155.03	8097.74633	12	12	0	ANNUAL	AREA	S
610350.43	4206155.03	8465.02556	12	12	0	ANNUAL	AREA	S
610357.43	4206155.03	8857.60228	12	12	0	ANNUAL	AREA	S
610364.43	4206155.03	9277.72204	12	12	0	ANNUAL	AREA	S
610371.43	4206155.03	9728.01822	12	12	0	ANNUAL	AREA	S
610378.43	4206155.03	10211.28192	12	12	0	ANNUAL	AREA	S
610385.43	4206155.03	10730.74223	12	12	0	ANNUAL	AREA	S
610392.43	4206155.03	11289.95361	12	12	0	ANNUAL	AREA	S
610399.43	4206155.03	11893.0303	12	12	0	ANNUAL	AREA	S
610406.43	4206155.03	12544.28891	12	12	0	ANNUAL	AREA	S
610413.43	4206155.03	13248.85836	12	12	0	ANNUAL	AREA	S
610420.43	4206155.03	14017.96811	11.96	11.96	0	ANNUAL	AREA	S
610427.43	4206155.03	14853.25893	11.92	11.92	0	ANNUAL	AREA	S
610434.43	4206155.03	15762.29048	11.88	11.88	0	ANNUAL	AREA	S
610441.43	4206155.03	16751.72604	11.85	11.85	0	ANNUAL	AREA	S
610448.43	4206155.03	17834.37442	11.81	11.81	0	ANNUAL	AREA	S
610455.43	4206155.03	19019.53303	11.77	11.77	0	ANNUAL	AREA	S
610462.43	4206155.03	20319.82264	11.73	11.73	0	ANNUAL	AREA	S
610469.43	4206155.03	21749.54118	11.69	11.69	0	ANNUAL	AREA	S
610476.43	4206155.03	23325.11542	11.65	11.65	0	ANNUAL	AREA	S
610483.43	4206155.03	25065.7293	11.61	11.61	0	ANNUAL	AREA	S
610497.43	4206155.03	29144.56739	11.5	11.5	0	ANNUAL	AREA	S
610504.43	4206155.03	31533.53397	11.45	11.45	0	ANNUAL	AREA	S
610511.43	4206155.03	34206.50884	11.39	11.39	0	ANNUAL	AREA	S
610518.43	4206155.03	37202.6761	11.33	11.33	0	ANNUAL	AREA	S
610525.43	4206155.03	40573.02567	11.27	11.27	0	ANNUAL	AREA	S
610532.43	4206155.03	44372.74698	11.22	11.22	0	ANNUAL	AREA	S
610539.43	4206155.03	48687.79945	11.16	11.16	0	ANNUAL	AREA	S
610546.43	4206155.03	53605.26028	11.1	11.1	0	ANNUAL	AREA	S
610553.43	4206155.03	59231.88843	11.05	11.05	0	ANNUAL	AREA	S
610560.43	4206155.03	65731.32399	10.99	10.99	0	ANNUAL	AREA	S
610567.43	4206155.03	73263.52619	10.95	10.95	0	ANNUAL	AREA	S
610574.43	4206155.03	82096.01931	10.91	10.91	0	ANNUAL	AREA	S
610581.43	4206155.03	92565.4936	10.87	10.87	0	ANNUAL	AREA	S
610588.43	4206155.03	105127.6751	10.83	10.83	0	ANNUAL	AREA	S
610595.43	4206155.03	120386.9187	10.79	10.79	0	ANNUAL	AREA	S
610602.43	4206155.03	139071.0871	10.75	10.75	0	ANNUAL	AREA	S
610609.43	4206155.03	161683.5219	10.71	10.71	0	ANNUAL	AREA	S
610616.43	4206155.03	185527.7286	10.67	10.67	0	ANNUAL	AREA	S
610770.43	4206155.03	315398.9179	9.06	9.06	0	ANNUAL	AREA	S
610777.43	4206155.03	298359.0906	9.01	9.01	0	ANNUAL	AREA	S
610784.43	4206155.03	271618.6504	9	9	0	ANNUAL	AREA	S
610791.43	4206155.03	240089.62	9	9	0	ANNUAL	AREA	S
610798.43	4206155.03	217387.9439	9	9	0	ANNUAL	AREA	S
610805.43	4206155.03	195231.1943	9	9	0	ANNUAL	AREA	S
610812.43	4206155.03	176238.3067	9	9	0	ANNUAL	AREA	S
610840.43	4206155.03	122187.6725	9	9	0	ANNUAL	AREA	S
610847.43	4206155.03	112426.0523	9	9	0	ANNUAL	AREA	S
610854.43	4206155.03	103712.9392	9	9	0	ANNUAL	AREA	S
610861.43	4206155.03	95899.92499	9	9	0	ANNUAL	AREA	S
610868.43	4206155.03	88867.15557	9	9	0	ANNUAL	AREA	S
610875.43	4206155.03	82514.61757	9	9	0	ANNUAL	AREA	S
610882.43	4206155.03	76759.28675	9	9	0	ANNUAL	AREA	S
610889.43	4206155.03	71531.15412	9	9	0	ANNUAL	AREA	S
610896.43	4206155.03	66770.03643	9	9	0	ANNUAL	AREA	S

610903.43	4206155.03	62424.9313	9	9	0	ANNUAL	AREA	S
610910.43	4206155.03	58451.19752	9	9	0	ANNUAL	AREA	S
610917.43	4206155.03	54810.00796	9	9	0	ANNUAL	AREA	S
610924.43	4206155.03	51467.59579	9	9	0	ANNUAL	AREA	S
610931.43	4206155.03	48394.00391	9	9	0	ANNUAL	AREA	S
610952.43	4206155.03	40538.65731	9	9	0	ANNUAL	AREA	S
610959.43	4206155.03	38306.07288	9	9	0	ANNUAL	AREA	S
610966.43	4206155.03	36237.47265	9	9	0	ANNUAL	AREA	S
610973.43	4206155.03	34318.08179	9	9	0	ANNUAL	AREA	S
610980.43	4206155.03	32534.78095	9	9	0	ANNUAL	AREA	S
610987.43	4206155.03	30875.86395	9	9	0	ANNUAL	AREA	S
610994.43	4206155.03	29330.61072	9	9	0	ANNUAL	AREA	S
611001.43	4206155.03	27889.50873	9	9	0	ANNUAL	AREA	S
611008.43	4206155.03	26544.00312	9	9	0	ANNUAL	AREA	S
611015.43	4206155.03	25286.17877	9	9	0	ANNUAL	AREA	S
611029.43	4206155.03	23006.48025	9	9	0	ANNUAL	AREA	S
611036.43	4206155.03	21972.32915	9	9	0	ANNUAL	AREA	S
611043.43	4206155.03	21001.48479	9	9	0	ANNUAL	AREA	S
611050.43	4206155.03	20089.08499	9	9	0	ANNUAL	AREA	S
611057.43	4206155.03	19230.83939	9	9	0	ANNUAL	AREA	S
611064.43	4206155.03	18422.71031	9	9	0	ANNUAL	AREA	S
611071.43	4206155.03	17661.0417	9	9	0	ANNUAL	AREA	S
611078.43	4206155.03	16942.62614	9	9	0	ANNUAL	AREA	S
611085.43	4206155.03	16264.25793	9	9	0	ANNUAL	AREA	S
611092.43	4206155.03	15623.28575	9	9	0	ANNUAL	AREA	S
610294.43	4206162.03	5955.80359	12	12	0	ANNUAL	AREA	S
610301.43	4206162.03	6187.65468	12	12	0	ANNUAL	AREA	S
610308.43	4206162.03	6433.32963	12	12	0	ANNUAL	AREA	S
610315.43	4206162.03	6693.88933	12	12	0	ANNUAL	AREA	S
610322.43	4206162.03	6970.60794	12	12	0	ANNUAL	AREA	S
610329.43	4206162.03	7264.78479	12	12	0	ANNUAL	AREA	S
610336.43	4206162.03	7577.92175	12	12	0	ANNUAL	AREA	S
610343.43	4206162.03	7911.68923	12	12	0	ANNUAL	AREA	S
610350.43	4206162.03	8267.85587	12	12	0	ANNUAL	AREA	S
610357.43	4206162.03	8648.42821	12	12	0	ANNUAL	AREA	S
610364.43	4206162.03	9055.69796	12	12	0	ANNUAL	AREA	S
610371.43	4206162.03	9492.17869	12	12	0	ANNUAL	AREA	S
610378.43	4206162.03	9960.57761	12	12	0	ANNUAL	AREA	S
610385.43	4206162.03	10464.11016	12	12	0	ANNUAL	AREA	S
610392.43	4206162.03	11006.11395	12	12	0	ANNUAL	AREA	S
610399.43	4206162.03	11590.66984	12	12	0	ANNUAL	AREA	S
610406.43	4206162.03	12222.08634	12	12	0	ANNUAL	AREA	S
610413.43	4206162.03	12905.28408	12	12	0	ANNUAL	AREA	S
610420.43	4206162.03	13649.97987	11.97	11.97	0	ANNUAL	AREA	S
610427.43	4206162.03	14459.01879	11.94	11.94	0	ANNUAL	AREA	S
610434.43	4206162.03	15339.6482	11.91	11.91	0	ANNUAL	AREA	S
610441.43	4206162.03	16301.83416	11.87	11.87	0	ANNUAL	AREA	S
610448.43	4206162.03	17351.89603	11.84	11.84	0	ANNUAL	AREA	S
610455.43	4206162.03	18502.01014	11.81	11.81	0	ANNUAL	AREA	S
610462.43	4206162.03	19764.53527	11.78	11.78	0	ANNUAL	AREA	S
610469.43	4206162.03	21153.81078	11.75	11.75	0	ANNUAL	AREA	S
610476.43	4206162.03	22686.19526	11.72	11.72	0	ANNUAL	AREA	S
610483.43	4206162.03	24380.55438	11.69	11.69	0	ANNUAL	AREA	S
610497.43	4206162.03	28367.42698	11.57	11.57	0	ANNUAL	AREA	S
610504.43	4206162.03	30712.75567	11.5	11.5	0	ANNUAL	AREA	S
610511.43	4206162.03	33333.05759	11.44	11.44	0	ANNUAL	AREA	S
610518.43	4206162.03	36279.20982	11.37	11.37	0	ANNUAL	AREA	S
610525.43	4206162.03	39593.54538	11.31	11.31	0	ANNUAL	AREA	S
610532.43	4206162.03	43347.8674	11.24	11.24	0	ANNUAL	AREA	S
610539.43	4206162.03	47606.29117	11.18	11.18	0	ANNUAL	AREA	S
610546.43	4206162.03	52474.37148	11.11	11.11	0	ANNUAL	AREA	S
610553.43	4206162.03	58054.26289	11.05	11.05	0	ANNUAL	AREA	S
610560.43	4206162.03	64500.71125	10.99	10.99	0	ANNUAL	AREA	S
610567.43	4206162.03	71971.25796	10.96	10.96	0	ANNUAL	AREA	S
610574.43	4206162.03	80741.61542	10.93	10.93	0	ANNUAL	AREA	S
610581.43	4206162.03	91147.8093	10.9	10.9	0	ANNUAL	AREA	S
610588.43	4206162.03	103663.1355	10.86	10.86	0	ANNUAL	AREA	S
610595.43	4206162.03	118854.3002	10.83	10.83	0	ANNUAL	AREA	S
610602.43	4206162.03	137449.9479	10.8	10.8	0	ANNUAL	AREA	S
610609.43	4206162.03	160002.4152	10.76	10.76	0	ANNUAL	AREA	S
610616.43	4206162.03	183821.575	10.73	10.73	0	ANNUAL	AREA	S
610770.43	4206162.03	317143.9162	9.07	9.07	0	ANNUAL	AREA	S
610777.43	4206162.03	299883.8584	9.01	9.01	0	ANNUAL	AREA	S
610784.43	4206162.03	275156.3763	9	9	0	ANNUAL	AREA	S
610791.43	4206162.03	244842.1468	9	9	0	ANNUAL	AREA	S
610798.43	4206162.03	219339.2926	9	9	0	ANNUAL	AREA	S
610805.43	4206162.03	197354.9387	9	9	0	ANNUAL	AREA	S
610812.43	4206162.03	178503.977	9	9	0	ANNUAL	AREA	S
610833.43	4206162.03	135701.3139	9	9	0	ANNUAL	AREA	S
610840.43	4206162.03	124742.6891	9	9	0	ANNUAL	AREA	S
610847.43	4206162.03	114996.1364	9	9	0	ANNUAL	AREA	S
610854.43	4206162.03	106280.6645	9	9	0	ANNUAL	AREA	S
610861.43	4206162.03	98449.66076	9	9	0	ANNUAL	AREA	S
610868.43	4206162.03	91384.89705	9	9	0	ANNUAL	AREA	S
610875.43	4206162.03	84989.19332	9	9	0	ANNUAL	AREA	S
610882.43	4206162.03	79181.74253	9	9	0	ANNUAL	AREA	S
610889.43	4206162.03	73893.86686	9	9	0	ANNUAL	AREA	S
610896.43	4206162.03	69067.99899	9	9	0	ANNUAL	AREA	S
610903.43	4206162.03	64653.4532	9	9	0	ANNUAL	AREA	S
610910.43	4206162.03	60607.71182	9	9	0	ANNUAL	AREA	S
610917.43	4206162.03	56892.8043	9	9	0	ANNUAL	AREA	S
610924.43	4206162.03	53475.63033	9	9	0	ANNUAL	AREA	S
610931.43	4206162.03	50327.39536	9	9	0	ANNUAL	AREA	S
610952.43	4206162.03	42253.09745	9	9	0	ANNUAL	AREA	S
610959.43	4206162.03	39950.59065	9	9	0	ANNUAL	AREA	S
610966.43	4206162.03	37814.02276	9	9	0	ANNUAL	AREA	S
610973.43	4206162.03	35828.8213	9	9	0	ANNUAL	AREA	S
610980.43	4206162.03	33981.95604	9	9	0	ANNUAL	AREA	S
610987.43	4206162.03	32261.75695	9	9	0	ANNUAL	AREA	S
610994.43	4206162.03	30657.59608	9	9	0	ANNUAL	AREA	S
611001.43	4206162.03	29160.01525	9	9	0	ANNUAL	AREA	S
611008.43	4206162.03	27760.28256	9	9	0	ANNUAL	AREA	S
611029.43	4206162.03	24073.8954	9	9	0	ANNUAL	AREA	S
611036.43	4206162.03	22994.52403	9	9	0	ANNUAL	AREA	S
611043.43	4206162.03	21980.46166	9	9	0	ANNUAL	AREA	S
611050.43	4206162.03	21026.92729	9	9	0	ANNUAL	AREA	S
611057.43	4206162.03	20129.42056	9	9	0	ANNUAL	AREA	S
611064.43	4206162.03	19283.83784	9	9	0	ANNUAL	AREA	S
611071.43	4206162.03	18486.52837	9	9	0	ANNUAL	AREA	S
611078.43	4206162.03	17734.09661	9	9	0	ANNUAL	AREA	S
611085.43	4206162.03	17023.3601	9	9	0	ANNUAL	AREA	S
611092.43	4206162.03	16351.51598	9	9	0	ANNUAL	AREA	S
610294.43	4206169.03	5829.34164	12	12	0	ANNUAL	AREA	S
610301.43	4206169.03	6054.30834	12	12	0	ANNUAL	AREA	S
610308.43	4206169.03	6292.58729	12	12	0	ANNUAL	AREA	S
610315.43	4206169.03	6545.2707	12	12	0	ANNUAL	AREA	S
610322.43	4206169.03	6813.5386	12	12	0	ANNUAL	AREA	S
610329.43	4206169.03	7098.60936	12	12	0	ANNUAL	AREA	S
610336.43	4206169.03	7402.00657	12	12	0	ANNUAL	AREA	S
610343.43	4206169.03	7725.25472	12	12	0	ANNUAL	AREA	S
610350.43	4206169.03	8070.16858	12	12	0	ANNUAL	AREA	S
610357.43	4206169.03	8438.68631	12	12	0	ANNUAL	AREA	S
610364.43	4206169.03	8832.93392	12	12	0	ANNUAL	AREA	S
610371.43	4206169.03	9255.30372	12	12	0	ANNUAL	AREA	S
610378.43	4206169.03	9708.60623	12	12	0	ANNUAL	AREA	S
610385.43	4206169.03	10195.82401	12	12	0	ANNUAL	AREA	S
610392.43	4206169.03	10720.292	12	12	0	ANNUAL	AREA	S
610399.43	4206169.03	11285.88774	12	12	0	ANNUAL	AREA	S
610406.43	4206169.03	11896.87595	12	12	0	ANNUAL	AREA	S
610413.43	4206169.03	12558.08832	12	12	0	ANNUAL	AREA	S
610420.43	4206169.03	13278.89291	11.97	11.97	0	ANNUAL	AREA	S
610427.43	4206169.03	14060.88939	11.95	11.95	0	ANNUAL	AREA	S
610434.43	4206169.03	14912.18881	11.93	11.93	0	ANNUAL	AREA	S
610441.43	4206169.03	15842.67145	11.9	11.9	0	ANNUAL	AREA	S
610448.43	4206169.03	16858.43831	11.88	11.88	0	ANNUAL	AREA	S
610455.43	4206169.03	17971.5587	11.86	11.86	0	ANNUAL	AREA	S
610462.43	4206169.03	19196.32535	11.83	11.83	0	ANNUAL	AREA	S
610469.43	4206169.03	20542.81852	11.81	11.81	0	ANNUAL	AREA	S
610476.43	4206169.03	22031.49563	11.78	11.78	0	ANNUAL	AREA	S
610483.43	4206169.03	23676.69764	11.76	11.76	0	ANNUAL	AREA	S
610497.43	4206169.03	27564.0297	11.63	11.63	0	ANNUAL	AREA	S
610504.43	4206169.03	29853.36336	11.56	11.56	0	ANNUAL	AREA	S
610511.43	4206169.03	32423.02887	11.48	11.48	0	ANNUAL	AREA	S
610518.43	4206169.03	35308.39613	11.41	11.41	0	ANNUAL	AREA	S
610525.43	4206169.03	38564.85246	11.34	11.34	0	ANNUAL	AREA	S
610532.43	4206169.03	42254.44905	11.27	11.27	0	ANNUAL	AREA	S
610539.43	4206169.03	46453.437	11.2	11.2	0	ANNUAL	AREA	S
610546.43	4206169.03	51255.11411	11.13	11.13	0	ANNUAL	AREA	S
610553.43	4206169.03	56777.03229	11.06	11.06	0	ANNUAL	AREA	S
610560.43	4206169.03	63168.73616	10.99	10.99	0	ANNUAL	AREA	S
610567.43	4206169.03	70566.2388	10.97	10.97	0	ANNUAL	AREA	S
610574.43	4206169.03	79275.89078	10.94	10.94	0	ANNUAL	AREA	S
610581.43	4206169.03	89609.47427	10.92	10.92	0	ANNUAL	AREA	S
610588.43	4206169.03	102051.0263	10.89	10.89	0	ANNUAL	AREA	S
610595.43	4206169.03	117159.6772	10.87	10.87	0	ANNUAL	AREA	S
610602.43	4206169.03	135695.3536	10.84	10.84	0	ANNUAL	AREA	S
610609.43	4206169.03	158070.1401	10.82	10.82	0	ANNUAL	AREA	S
610616.43	4206169.03	181933.462	10.79	10.79	0	ANNUAL	AREA	S
610770.43	4206169.03	318528.9122	9.08	9.08	0	ANNUAL	AREA	S
610777.43	4206169.03	301063.1048	9.01	9.01	0	ANNUAL	AREA	S
610784.43	4206169.03	274365.2286	9	9	0	ANNUAL	AREA	S
610791.43	4206169.03	246258.8224	9	9	0	ANNUAL	AREA	S
610798.43	4206169.03	220951.0952	9	9	0	ANNUAL	AREA	S
610805.43	4206169.03	199152.5938	9	9	0	ANNUAL	AREA	S
610812.43	4206169.03	180447.5228	9	9	0	ANNUAL	AREA	S
610833.43	4206169.03	137929.347	9	9	0	ANNUAL	AREA	S
610840.43	4206169.03	127020.7142	9	9	0	ANNUAL	AREA	S
610847.43	4206169.03	117305.1018	9	9	0	ANNUAL	AREA	S
610854.43	4206169.03	108602.8864	9	9	0	ANNUAL	AREA	S
610861.43	4206169.03	100770.3053	9	9	0	ANNUAL	AREA	S
610868.43	4206169.03	93690.693	9	9	0	ANNUAL	AREA	S
610875.43	4206169.03	87268.98315	9	9	0	ANNUAL	AREA	S
610882.43	4206169.03	81425.72747	9	9	0	ANNUAL	AREA	S
610889.43	4206169.03	76094.46373	9	9	0	ANNUAL	AREA	S
610896.43	4206169.03	71218.46709	9	9	0	ANNUAL	AREA	S
610903.43	4206169.03	66749.48668	9	9	0	ANNUAL	AREA	S
610910.43	4206169.03	62644.90351	9	9	0	ANNUAL	AREA	S
610917.43	4206169.03	58868.70696	9	9	0	ANNUAL	AREA	S
610924.43	4206169.03	55388.63157	9	9	0	ANNUAL	AREA	S
610945.43	4206169.03	46457.75985	9	9	0	ANNUAL	AREA	S
610952.43	4206169.03	43909.49382	9	9	0	ANNUAL	AREA	S
610959.43	4206169.03	41544.33561	9	9	0	ANNUAL	AREA	S
610966.43	4206169.03	39346.28082	9	9	0	ANNUAL	AREA	S
610973.43	4206169.03	37301.0999	9	9	0	ANNUAL	AREA	S
610980.43	4206169.03	35395.90381	9	9	0	ANNUAL	AREA	S
610987.43	4206169.03	33619.16857	9	9	0	ANNUAL	AREA	S
610994.43	4206169.03	31960.25708	9	9	0	ANNUAL	AREA	S
611001.43	4206169.03	30409.89674	9	9	0	ANNUAL	AREA	S
611008.43	4206169.03	28959.2361	9	9	0	ANNUAL	AREA	S
611036.43	4206169.03	24008.1948	9	9	0	ANNUAL	AREA	S
611043.43	4206169.03	22953.7429	9	9	0	ANNUAL	AREA	S
611050.43	4206169.03	21960.58474	9	9	0	ANNUAL	AREA	S
611057.43	4206169.03	21025.16768	9	9	0	ANNUAL	AREA	S
611064.43	4206169.03	20143.37466	9	9	0	ANNUAL	AREA	S
611071.43	4206169.03	19311.46591	9	9	0	ANNUAL	AREA	S
611078.43	4206169.03	18525.94966	9	9	0	ANNUAL	AREA	S

611085.43	4206169.03	17783.66858	9	9	0	ANNUAL	AREA	5
611092.43	4206169.03	17081.63671	9	9	0	ANNUAL	AREA	5
610294.43	4206176.03	5703.14787	12	12	0	ANNUAL	AREA	5
610301.43	4206176.03	5021.21748	12	12	0	ANNUAL	AREA	5
610308.43	4206176.03	6152.07806	12	12	0	ANNUAL	AREA	5
610315.43	4206176.03	6396.83798	12	12	0	ANNUAL	AREA	5
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610343.43	4206176.03	7538.92018	12	12	0	ANNUAL	AREA	5
610350.43	4206176.03	7872.49259	12	12	0	ANNUAL	AREA	5
610357.43	4206176.03	8228.75139	12	12	0	ANNUAL	AREA	5
610364.43	4206176.03	8609.83726	12	12	0	ANNUAL	AREA	5
610371.43	4206176.03	9018.07831	12	12	0	ANNUAL	AREA	5
610378.43	4206176.03	9456.06718	12	12	0	ANNUAL	AREA	5
610385.43	4206176.03	9926.74487	12	12	0	ANNUAL	AREA	5
610392.43	4206176.03	10433.36317	12	12	0	ANNUAL	AREA	5
610399.43	4206176.03	10979.66455	12	12	0	ANNUAL	AREA	5
610406.43	4206176.03	11569.75562	12	12	0	ANNUAL	AREA	5
610413.43	4206176.03	12208.41797	12	12	0	ANNUAL	AREA	5
610420.43	4206176.03	12901.48847	11.98	11.98	0	ANNUAL	AREA	5
610427.43	4206176.03	13657.43247	11.97	11.97	0	ANNUAL	AREA	5
610434.43	4206176.03	14479.9989	11.95	11.95	0	ANNUAL	AREA	5
610441.43	4206176.03	15377.68644	11.93	11.93	0	ANNUAL	AREA	5
610448.43	4206176.03	16357.82748	11.92	11.92	0	ANNUAL	AREA	5
610455.43	4206176.03	17434.26879	11.9	11.9	0	ANNUAL	AREA	5
610462.43	4206176.03	18617.48583	11.88	11.88	0	ANNUAL	AREA	5
610469.43	4206176.03	19918.82038	11.87	11.87	0	ANNUAL	AREA	5
610476.43	4206176.03	21358.78515	11.85	11.85	0	ANNUAL	AREA	5
610483.43	4206176.03	22954.11428	11.83	11.83	0	ANNUAL	AREA	5
610497.43	4206176.03	26733.61572	11.69	11.69	0	ANNUAL	AREA	5
610504.43	4206176.03	28965.68833	11.61	11.61	0	ANNUAL	AREA	5
610511.43	4206176.03	31470.85115	11.53	11.53	0	ANNUAL	AREA	5
610518.43	4206176.03	34292.83451	11.45	11.45	0	ANNUAL	AREA	5
610525.43	4206176.03	37483.68624	11.37	11.37	0	ANNUAL	AREA	5
610532.43	4206176.03	41100.31122	11.3	11.3	0	ANNUAL	AREA	5
610539.43	4206176.03	45230.28993	11.22	11.22	0	ANNUAL	AREA	5
610546.43	4206176.03	49962.92123	11.14	11.14	0	ANNUAL	AREA	5
610553.43	4206176.03	55416.94963	11.06	11.06	0	ANNUAL	AREA	5
610560.43	4206176.03	61723.46671	11	11	0	ANNUAL	AREA	5
610567.43	4206176.03	69045.71137	10.98	10.98	0	ANNUAL	AREA	5
610574.43	4206176.03	77668.7503	10.96	10.96	0	ANNUAL	AREA	5
610581.43	4206176.03	87929.1082	10.94	10.94	0	ANNUAL	AREA	5
610588.43	4206176.03	100282.9684	10.92	10.92	0	ANNUAL	AREA	5
610595.43	4206176.03	115322.2661	10.9	10.9	0	ANNUAL	AREA	5
610602.43	4206176.03	133726.5833	10.89	10.89	0	ANNUAL	AREA	5
610609.43	4206176.03	155950.9677	10.87	10.87	0	ANNUAL	AREA	5
610616.43	4206176.03	179807.8209	10.85	10.85	0	ANNUAL	AREA	5
610770.43	4206176.03	319632.3202	9.09	9.09	0	ANNUAL	AREA	5
610777.43	4206176.03	301987.9647	9.01	9.01	0	ANNUAL	AREA	5
610784.43	4206176.03	275280.5081	9	9	0	ANNUAL	AREA	5
610791.43	4206176.03	247375.778	9	9	0	ANNUAL	AREA	5
610798.43	4206176.03	222261.5305	9	9	0	ANNUAL	AREA	5
610805.43	4206176.03	200658.5094	9	9	0	ANNUAL	AREA	5
610812.43	4206176.03	182104.1562	9	9	0	ANNUAL	AREA	5
610833.43	4206176.03	139891.889	9	9	0	ANNUAL	AREA	5
610840.43	4206176.03	129043.514	9	9	0	ANNUAL	AREA	5
610847.43	4206176.03	119370.3418	9	9	0	ANNUAL	AREA	5
610854.43	4206176.03	110694.2694	9	9	0	ANNUAL	AREA	5
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610868.43	4206176.03	95793.53322	9	9	0	ANNUAL	AREA	5
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610882.43	4206176.03	83494.89027	9	9	0	ANNUAL	AREA	5
610889.43	4206176.03	78134.14172	9	9	0	ANNUAL	AREA	5
610896.43	4206176.03	73221.90077	9	9	0	ANNUAL	AREA	5
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610910.43	4206176.03	64560.24816	9	9	0	ANNUAL	AREA	5
610917.43	4206176.03	60734.12155	9	9	0	ANNUAL	AREA	5
610924.43	4206176.03	57201.7793	9	9	0	ANNUAL	AREA	5
610945.43	4206176.03	48105.984	9	9	0	ANNUAL	AREA	5
610952.43	4206176.03	45502.03311	9	9	0	ANNUAL	AREA	5
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610966.43	4206176.03	40828.26359	9	9	0	ANNUAL	AREA	5
610973.43	4206176.03	38728.94259	9	9	0	ANNUAL	AREA	5
610980.43	4206176.03	36770.79187	9	9	0	ANNUAL	AREA	5
610987.43	4206176.03	34942.25924	9	9	0	ANNUAL	AREA	5
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611008.43	4206176.03	30135.71523	9	9	0	ANNUAL	AREA	5
611015.43	4206176.03	28731.35348	9	9	0	ANNUAL	AREA	5
611029.43	4206176.03	26175.75999	9	9	0	ANNUAL	AREA	5
611036.43	4206176.03	25012.11052	9	9	0	ANNUAL	AREA	5
611043.43	4206176.03	23917.31455	9	9	0	ANNUAL	AREA	5
611050.43	4206176.03	22886.27152	9	9	0	ANNUAL	AREA	5
611057.43	4206176.03	21914.54	9	9	0	ANNUAL	AREA	5
611064.43	4206176.03	20997.96683	9	9	0	ANNUAL	AREA	5
611071.43	4206176.03	20132.67637	9	9	0	ANNUAL	AREA	5
611078.43	4206176.03	19315.20449	9	9	0	ANNUAL	AREA	5
611085.43	4206176.03	18542.31024	9	9	0	ANNUAL	AREA	5
611092.43	4206176.03	17810.95981	9	9	0	ANNUAL	AREA	5
610294.43	4206183.03	5577.33863	12	12	0	ANNUAL	AREA	5
610301.43	4206183.03	5788.48691	12	12	0	ANNUAL	AREA	5
610308.43	4206183.03	6011.98739	12	12	0	ANNUAL	AREA	5
610315.43	4206183.03	6248.85016	12	12	0	ANNUAL	AREA	5
610322.43	4206183.03	6500.11298	12	12	0	ANNUAL	AREA	5
610329.43	4206183.03	6766.97452	12	12	0	ANNUAL	AREA	5
610336.43	4206183.03	7050.7686	12	12	0	ANNUAL	AREA	5
610343.43	4206183.03	7352.95003	12	12	0	ANNUAL	AREA	5
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610357.43	4206183.03	8019.20138	12	12	0	ANNUAL	AREA	5
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610378.43	4206183.03	9203.59709	12	12	0	ANNUAL	AREA	5
610385.43	4206183.03	9657.60807	12	12	0	ANNUAL	AREA	5
610392.43	4206183.03	10146.14858	12	12	0	ANNUAL	AREA	5
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610406.43	4206183.03	11241.83537	12	12	0	ANNUAL	AREA	5
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610420.43	4206183.03	12526.33207	11.99	11.99	0	ANNUAL	AREA	5
610427.43	4206183.03	13253.1506	11.98	11.98	0	ANNUAL	AREA	5
610434.43	4206183.03	14044.7246	11.97	11.97	0	ANNUAL	AREA	5
610441.43	4206183.03	14908.58887	11.96	11.96	0	ANNUAL	AREA	5
610448.43	4206183.03	15853.83433	11.95	11.95	0	ANNUAL	AREA	5
610455.43	4206183.03	16890.47601	11.94	11.94	0	ANNUAL	AREA	5
610462.43	4206183.03	18030.21717	11.93	11.93	0	ANNUAL	AREA	5
610469.43	4206183.03	19284.55038	11.93	11.93	0	ANNUAL	AREA	5
610476.43	4206183.03	20675.72657	11.91	11.91	0	ANNUAL	AREA	5
610483.43	4206183.03	22215.63844	11.9	11.9	0	ANNUAL	AREA	5
610497.43	4206183.03	25879.16576	11.75	11.75	0	ANNUAL	AREA	5
610504.43	4206183.03	28045.39578	11.67	11.67	0	ANNUAL	AREA	5
610511.43	4206183.03	30483.96636	11.58	11.58	0	ANNUAL	AREA	5
610518.43	4206183.03	33235.41898	11.49	11.49	0	ANNUAL	AREA	5
610525.43	4206183.03	36347.64984	11.41	11.41	0	ANNUAL	AREA	5
610532.43	4206183.03	39892.99987	11.32	11.32	0	ANNUAL	AREA	5
610539.43	4206183.03	43938.15506	11.24	11.24	0	ANNUAL	AREA	5
610546.43	4206183.03	48590.71317	11.15	11.15	0	ANNUAL	AREA	5
610553.43	4206183.03	53956.21791	11.07	11.07	0	ANNUAL	AREA	5
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610574.43	4206183.03	75928.883	10.98	10.98	0	ANNUAL	AREA	5
610581.43	4206183.03	86085.60807	10.97	10.97	0	ANNUAL	AREA	5
610588.43	4206183.03	98350.91563	10.95	10.95	0	ANNUAL	AREA	5
610595.43	4206183.03	113282.3401	10.94	10.94	0	ANNUAL	AREA	5
610602.43	4206183.03	131594.6909	10.93	10.93	0	ANNUAL	AREA	5
610609.43	4206183.03	153659.9508	10.92	10.92	0	ANNUAL	AREA	5
610616.43	4206183.03	177448.7641	10.91	10.91	0	ANNUAL	AREA	5
610770.43	4206183.03	320329.5784	9.09	9.09	0	ANNUAL	AREA	5
610777.43	4206183.03	302669.3485	9.01	9.01	0	ANNUAL	AREA	5
610784.43	4206183.03	275956.1214	9	9	0	ANNUAL	AREA	5
610791.43	4206183.03	248227.4351	9	9	0	ANNUAL	AREA	5
610798.43	4206183.03	223315.266	9	9	0	ANNUAL	AREA	5
610805.43	4206183.03	201901.7099	9	9	0	ANNUAL	AREA	5
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610840.43	4206183.03	130830.3424	9	9	0	ANNUAL	AREA	5
610847.43	4206183.03	121208.7019	9	9	0	ANNUAL	AREA	5
610854.43	4206183.03	112569.2148	9	9	0	ANNUAL	AREA	5
610861.43	4206183.03	104770.9904	9	9	0	ANNUAL	AREA	5
610868.43	4206183.03	97701.81288	9	9	0	ANNUAL	AREA	5
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610882.43	4206183.03	85393.79312	9	9	0	ANNUAL	AREA	5
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610910.43	4206183.03	66351.685	9	9	0	ANNUAL	AREA	5
610917.43	4206183.03	62486.73018	9	9	0	ANNUAL	AREA	5
610924.43	4206183.03	58911.9984	9	9	0	ANNUAL	AREA	5
610945.43	4206183.03	49677.68612	9	9	0	ANNUAL	AREA	5
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610973.43	4206183.03	40107.14956	9	9	0	ANNUAL	AREA	5
610980.43	4206183.03	38101.33183	9	9	0	ANNUAL	AREA	5
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611001.43	4206183.03	32826.64719	9	9	0	ANNUAL	AREA	5
611008.43	4206183.03	31284.97166	9	9	0	ANNUAL	AREA	5
611015.43	4206183.03	29838.10399	9	9	0	ANNUAL	AREA	5
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611036.43	4206183.03	25999.27455	9	9	0	ANNUAL	AREA	5
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610294.43	4206190.03	5452.07181	12	12	0	ANNUAL	AREA	5
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610308.43	4206190.03	5872.56705	12	12	0	ANNUAL	AREA	5
610315.43	4206190.03	6101.51599	12	12	0	ANNUAL	AREA	5
610322.43	4206190.03	6344.31992	12	12	0	ANNUAL	AREA	5
610329.43	4206190.03	6602.09612	12	12	0	ANNUAL	AREA	5
610336.43	4206190.03	6876.12457	12	12	0	ANNUAL	AREA	5
610343.43	4206190.03	7167.80077	12	12	0	ANNUAL	AREA	5
610350.43	4206190.03	7478.66135	12	12	0	ANNUAL	AREA	5
610357.43	4206190.03	7810.45215	12	12	0	ANNUAL	AREA	5
610364.43	4206190.03	8165.14411	12	12	0	ANNUAL	AREA	5
610371.43	4206190.03	8544.78274	12	12	0	ANNUAL	AREA	5
610378.43	4206190.03	8951.88331	12	12	0	ANNUAL	AREA	5
610385.43	4206190.03	9389.15848	12	12	0	ANNUAL	AREA	5
610392.43	4206190.03	9859.52332	12	12	0	ANNUAL	AREA	5
610399.43	4206190.03	10366.57913	12	12	0	ANNUAL	AREA	5
610406.43	4206190.03	10914.06854	12	12	0	ANNUAL	AREA	5
610413.43	4206190.03	11506.48753	12	12	0	ANNUAL	AREA	5
610420.43	4206190.03	12148.75316	12	12	0	ANNUAL	AREA	5
610427.43	4206190.03	12846.58151	12	12	0	ANNUAL	AREA	5
610434.43	4206190.03	13606.4718	12	12	0	ANNUAL	AREA	5

610441.43	4206190.03	14437.39392	11.99	11.99	0	ANNUAL	AREA	S
610448.43	4206190.03	15344.94459	11.99	11.99	0	ANNUAL	AREA	S
610455.43	4206190.03	16340.36208	11.99	11.99	0	ANNUAL	AREA	S
610462.43	4206190.03	17435.23593	11.99	11.99	0	ANNUAL	AREA	S
610469.43	4206190.03	18644.74081	11.98	11.98	0	ANNUAL	AREA	S
610476.43	4206190.03	19980.35539	11.98	11.98	0	ANNUAL	AREA	S
610483.43	4206190.03	21461.97725	11.98	11.98	0	ANNUAL	AREA	S
610497.43	4206190.03	25001.24415	11.82	11.82	0	ANNUAL	AREA	S
610504.43	4206190.03	27103.03399	11.72	11.72	0	ANNUAL	AREA	S
610511.43	4206190.03	29465.53102	11.63	11.63	0	ANNUAL	AREA	S
610518.43	4206190.03	32139.5062	11.53	11.53	0	ANNUAL	AREA	S
610525.43	4206190.03	35169.76578	11.44	11.44	0	ANNUAL	AREA	S
610532.43	4206190.03	38623.69429	11.35	11.35	0	ANNUAL	AREA	S
610539.43	4206190.03	42579.14465	11.26	11.26	0	ANNUAL	AREA	S
610546.43	4206190.03	47139.46811	11.16	11.16	0	ANNUAL	AREA	S
610553.43	4206190.03	52411.83589	11.07	11.07	0	ANNUAL	AREA	S
610560.43	4206190.03	58536.24025	11	11	0	ANNUAL	AREA	S
610567.43	4206190.03	65645.74732	11	11	0	ANNUAL	AREA	S
610574.43	4206190.03	74064.56178	10.99	10.99	0	ANNUAL	AREA	S
610581.43	4206190.03	84103.48189	10.99	10.99	0	ANNUAL	AREA	S
610588.43	4206190.03	96246.87291	10.98	10.98	0	ANNUAL	AREA	S
610595.43	4206190.03	111053.6336	10.98	10.98	0	ANNUAL	AREA	S
610602.43	4206190.03	129221.262	10.98	10.98	0	ANNUAL	AREA	S
610609.43	4206190.03	151173.917	10.97	10.97	0	ANNUAL	AREA	S
610616.43	4206190.03	174844.8502	10.97	10.97	0	ANNUAL	AREA	S
610770.43	4206190.03	320941.5089	9.1	9.1	0	ANNUAL	AREA	S
610777.43	4206190.03	303081.8306	9.01	9.01	0	ANNUAL	AREA	S
610784.43	4206190.03	276482.5235	9	9	0	ANNUAL	AREA	S
610791.43	4206190.03	248838.6853	9	9	0	ANNUAL	AREA	S
610798.43	4206190.03	224135.132	9	9	0	ANNUAL	AREA	S
610805.43	4206190.03	202909.6836	9	9	0	ANNUAL	AREA	S
610812.43	4206190.03	184669.0895	9	9	0	ANNUAL	AREA	S
610833.43	4206190.03	143188.5394	9	9	0	ANNUAL	AREA	S
610840.43	4206190.03	132400.2931	9	9	0	ANNUAL	AREA	S
610847.43	4206190.03	122837.017	9	9	0	ANNUAL	AREA	S
610854.43	4206190.03	114241.533	9	9	0	ANNUAL	AREA	S
610861.43	4206190.03	106474.55	9	9	0	ANNUAL	AREA	S
610868.43	4206190.03	99425.22014	9	9	0	ANNUAL	AREA	S
610875.43	4206190.03	93001.47322	9	9	0	ANNUAL	AREA	S
610882.43	4206190.03	87128.11903	9	9	0	ANNUAL	AREA	S
610889.43	4206190.03	81742.66463	9	9	0	ANNUAL	AREA	S
610896.43	4206190.03	76791.58897	9	9	0	ANNUAL	AREA	S
610903.43	4206190.03	72230.14339	9	9	0	ANNUAL	AREA	S
610910.43	4206190.03	68019.20655	9	9	0	ANNUAL	AREA	S
610917.43	4206190.03	64124.62379	9	9	0	ANNUAL	AREA	S
610924.43	4206190.03	60516.97918	9	9	0	ANNUAL	AREA	S
610945.43	4206190.03	51168.86323	9	9	0	ANNUAL	AREA	S
610952.43	4206190.03	48475.45352	9	9	0	ANNUAL	AREA	S
610959.43	4206190.03	45964.42666	9	9	0	ANNUAL	AREA	S
610966.43	4206190.03	43620.54992	9	9	0	ANNUAL	AREA	S
610973.43	4206190.03	41430.81615	9	9	0	ANNUAL	AREA	S
610980.43	4206190.03	39382.70533	9	9	0	ANNUAL	AREA	S
610987.43	4206190.03	37465.42355	9	9	0	ANNUAL	AREA	S
610994.43	4206190.03	35668.89209	9	9	0	ANNUAL	AREA	S
611001.43	4206190.03	33984.02953	9	9	0	ANNUAL	AREA	S
611008.43	4206190.03	32402.36561	9	9	0	ANNUAL	AREA	S
611015.43	4206190.03	30916.51173	9	9	0	ANNUAL	AREA	S
611029.43	4206190.03	28204.73154	9	9	0	ANNUAL	AREA	S
611036.43	4206190.03	26966.59008	9	9	0	ANNUAL	AREA	S
611043.43	4206190.03	25799.70406	9	9	0	ANNUAL	AREA	S
611050.43	4206190.03	24699.09464	9	9	0	ANNUAL	AREA	S
611057.43	4206190.03	23660.19243	9	9	0	ANNUAL	AREA	S
611064.43	4206190.03	22678.86474	9	9	0	ANNUAL	AREA	S
611071.43	4206190.03	21751.24643	9	9	0	ANNUAL	AREA	S
610294.43	4206197.03	5329.56784	11.95	11.95	0	ANNUAL	AREA	S
610301.43	4206197.03	5526.73885	11.96	11.96	0	ANNUAL	AREA	S
610308.43	4206197.03	5735.27822	11.97	11.97	0	ANNUAL	AREA	S
610315.43	4206197.03	5956.54385	11.97	11.97	0	ANNUAL	AREA	S
610322.43	4206197.03	6190.52848	11.98	11.98	0	ANNUAL	AREA	S
610329.43	4206197.03	6438.78106	11.99	11.99	0	ANNUAL	AREA	S
610336.43	4206197.03	6702.56465	12	12	0	ANNUAL	AREA	S
610343.43	4206197.03	6983.77018	12	12	0	ANNUAL	AREA	S
610350.43	4206197.03	7283.34568	12	12	0	ANNUAL	AREA	S
610357.43	4206197.03	7602.96223	12	12	0	ANNUAL	AREA	S
610364.43	4206197.03	7944.45025	12	12	0	ANNUAL	AREA	S
610371.43	4206197.03	8309.85693	12	12	0	ANNUAL	AREA	S
610378.43	4206197.03	8701.54842	12	12	0	ANNUAL	AREA	S
610385.43	4206197.03	9122.01734	12	12	0	ANNUAL	AREA	S
610392.43	4206197.03	9574.2454	12	12	0	ANNUAL	AREA	S
610399.43	4206197.03	10061.52929	12	12	0	ANNUAL	AREA	S
610406.43	4206197.03	10587.51254	12	12	0	ANNUAL	AREA	S
610413.43	4206197.03	11156.48455	12	12	0	ANNUAL	AREA	S
610420.43	4206197.03	11773.21347	12	12	0	ANNUAL	AREA	S
610427.43	4206197.03	12443.20526	12	12	0	ANNUAL	AREA	S
610434.43	4206197.03	13172.65635	12	12	0	ANNUAL	AREA	S
610441.43	4206197.03	13968.76914	12	12	0	ANNUAL	AREA	S
610448.43	4206197.03	14839.85177	12	12	0	ANNUAL	AREA	S
610455.43	4206197.03	15795.41781	12	12	0	ANNUAL	AREA	S
610462.43	4206197.03	16846.62341	12	12	0	ANNUAL	AREA	S
610469.43	4206197.03	18006.33461	12	12	0	ANNUAL	AREA	S
610476.43	4206197.03	19285.57357	12	12	0	ANNUAL	AREA	S
610483.43	4206197.03	20714.05433	12	12	0	ANNUAL	AREA	S
610497.43	4206197.03	24121.94035	11.84	11.84	0	ANNUAL	AREA	S
610504.43	4206197.03	26145.74638	11.75	11.75	0	ANNUAL	AREA	S
610511.43	4206197.03	28427.05489	11.66	11.66	0	ANNUAL	AREA	S
610518.43	4206197.03	31008.94145	11.57	11.57	0	ANNUAL	AREA	S
610525.43	4206197.03	33944.11205	11.48	11.48	0	ANNUAL	AREA	S
610532.43	4206197.03	37296.24769	11.39	11.39	0	ANNUAL	AREA	S
610539.43	4206197.03	41143.52613	11.3	11.3	0	ANNUAL	AREA	S
610546.43	4206197.03	45589.67274	11.2	11.2	0	ANNUAL	AREA	S
610553.43	4206197.03	50742.529	11.11	11.11	0	ANNUAL	AREA	S
610560.43	4206197.03	56743.61752	11.04	11.04	0	ANNUAL	AREA	S
610567.43	4206197.03	63727.4863	11.04	11.04	0	ANNUAL	AREA	S
610574.43	4206197.03	72018.20526	11.03	11.03	0	ANNUAL	AREA	S
610581.43	4206197.03	81928.5101	11.03	11.03	0	ANNUAL	AREA	S
610588.43	4206197.03	93941.81484	11.02	11.02	0	ANNUAL	AREA	S
610595.43	4206197.03	108621.7593	11.02	11.02	0	ANNUAL	AREA	S
610602.43	4206197.03	126694.0064	11.01	11.01	0	ANNUAL	AREA	S
610609.43	4206197.03	148500.4313	11.01	11.01	0	ANNUAL	AREA	S
610616.43	4206197.03	172079.3324	11.01	11.01	0	ANNUAL	AREA	S
610770.43	4206197.03	321328.1187	9.11	9.11	0	ANNUAL	AREA	S
610777.43	4206197.03	303254.468	9.01	9.01	0	ANNUAL	AREA	S
610784.43	4206197.03	276763.9325	9	9	0	ANNUAL	AREA	S
610791.43	4206197.03	249237.6105	9	9	0	ANNUAL	AREA	S
610798.43	4206197.03	224743.8017	9	9	0	ANNUAL	AREA	S
610805.43	4206197.03	203698.0898	9	9	0	ANNUAL	AREA	S
610812.43	4206197.03	185624.8968	9	9	0	ANNUAL	AREA	S
610833.43	4206197.03	144401.1915	9	9	0	ANNUAL	AREA	S
610840.43	4206197.03	133769.7927	9	9	0	ANNUAL	AREA	S
610847.43	4206197.03	124268.6976	9	9	0	ANNUAL	AREA	S
610854.43	4206197.03	115722.9818	9	9	0	ANNUAL	AREA	S
610861.43	4206197.03	107994.5237	9	9	0	ANNUAL	AREA	S
610868.43	4206197.03	100972.4109	9	9	0	ANNUAL	AREA	S
610875.43	4206197.03	94566.84587	9	9	0	ANNUAL	AREA	S
610882.43	4206197.03	88702.93513	9	9	0	ANNUAL	AREA	S
610889.43	4206197.03	83318.74766	9	9	0	ANNUAL	AREA	S
610896.43	4206197.03	78362.92349	9	9	0	ANNUAL	AREA	S
610903.43	4206197.03	73789.96759	9	9	0	ANNUAL	AREA	S
610910.43	4206197.03	69562.72434	9	9	0	ANNUAL	AREA	S
610917.43	4206197.03	65647.30195	9	9	0	ANNUAL	AREA	S
610924.43	4206197.03	62014.87489	9	9	0	ANNUAL	AREA	S
610945.43	4206197.03	52576.03397	9	9	0	ANNUAL	AREA	S
610952.43	4206197.03	49848.6082	9	9	0	ANNUAL	AREA	S
610959.43	4206197.03	47302.09284	9	9	0	ANNUAL	AREA	S
610966.43	4206197.03	44922.19629	9	9	0	ANNUAL	AREA	S
610973.43	4206197.03	42695.5353	9	9	0	ANNUAL	AREA	S
610980.43	4206197.03	40610.60982	9	9	0	ANNUAL	AREA	S
610987.43	4206197.03	38656.15707	9	9	0	ANNUAL	AREA	S
610994.43	4206197.03	36822.80944	9	9	0	ANNUAL	AREA	S
611001.43	4206197.03	35101.29391	9	9	0	ANNUAL	AREA	S
611008.43	4206197.03	33483.70105	9	9	0	ANNUAL	AREA	S
611015.43	4206197.03	31962.24201	9	9	0	ANNUAL	AREA	S
611029.43	4206197.03	29181.65066	9	9	0	ANNUAL	AREA	S
611036.43	4206197.03	27910.26144	9	9	0	ANNUAL	AREA	S
611043.43	4206197.03	26711.08764	9	9	0	ANNUAL	AREA	S
611050.43	4206197.03	25578.96165	9	9	0	ANNUAL	AREA	S
611057.43	4206197.03	24509.56329	9	9	0	ANNUAL	AREA	S
611064.43	4206197.03	23498.62357	9	9	0	ANNUAL	AREA	S
611071.43	4206197.03	22542.32084	9	9	0	ANNUAL	AREA	S
610294.43	4206204.03	5207.88062	11.9	11.9	0	ANNUAL	AREA	S
610301.43	4206204.03	5398.04456	11.92	11.92	0	ANNUAL	AREA	S
610308.43	4206204.03	5598.98959	11.94	11.94	0	ANNUAL	AREA	S
610315.43	4206204.03	5812.07348	11.95	11.95	0	ANNUAL	AREA	S
610322.43	4206204.03	6037.30883	11.97	11.97	0	ANNUAL	AREA	S
610329.43	4206204.03	6276.69372	11.98	11.98	0	ANNUAL	AREA	S
610336.43	4206204.03	6530.89872	11.99	11.99	0	ANNUAL	AREA	S
610343.43	4206204.03	6801.18628	12	12	0	ANNUAL	AREA	S
610350.43	4206204.03	7089.5965	12	12	0	ANNUAL	AREA	S
610357.43	4206204.03	7397.10671	12	12	0	ANNUAL	AREA	S
610364.43	4206204.03	7725.50055	12	12	0	ANNUAL	AREA	S
610371.43	4206204.03	8076.76972	12	12	0	ANNUAL	AREA	S
610378.43	4206204.03	8453.08531	12	12	0	ANNUAL	AREA	S
610385.43	4206204.03	8856.87198	12	12	0	ANNUAL	AREA	S
610392.43	4206204.03	9291.00725	12	12	0	ANNUAL	AREA	S
610399.43	4206204.03	9758.54548	12	12	0	ANNUAL	AREA	S
610406.43	4206204.03	10263.07716	12	12	0	ANNUAL	AREA	S
610413.43	4206204.03	10808.57442	12	12	0	ANNUAL	AREA	S
610420.43	4206204.03	11399.68209	12	12	0	ANNUAL	AREA	S
610427.43	4206204.03	12041.5724	12	12	0	ANNUAL	AREA	S
610434.43	4206204.03	12740.32717	12	12	0	ANNUAL	AREA	S
610441.43	4206204.03	13502.828	12	12	0	ANNUAL	AREA	S
610448.43	4206204.03	14336.99388	12	12	0	ANNUAL	AREA	S
610455.43	4206204.03	15252.02453	12	12	0	ANNUAL	AREA	S
610462.43	4206204.03	16258.70686	12	12	0	ANNUAL	AREA	S
610469.43	4206204.03	17369.54462	12	12	0	ANNUAL	AREA	S
610476.43	4206204.03	18599.03308	12	12	0	ANNUAL	AREA	S
610483.43	4206204.03	19964.45337	12	12	0	ANNUAL	AREA	S
610497.43	4206204.03	23239.47113	11.86	11.86	0	ANNUAL	AREA	S
610504.43	4206204.03	25174.12519	11.77	11.77	0	ANNUAL	AREA	S
610511.43	4206204.03	27365.29325	11.69	11.69	0	ANNUAL	AREA	S
610518.43	4206204.03	29852.57913	11.6	11.6	0	ANNUAL	AREA	S
610525.43	4206204.03	32680.12637	11.52	11.52	0	ANNUAL	AREA	S
610532.43	4206204.03	35920.52497	11.43	11.43	0	ANNUAL	AREA	S
610539.43	4206204.03	39641.7281	11.35	11.35	0	ANNUAL	AREA	S
610546.43	4206204.03	43952.09817	11.26	11.26	0	ANNUAL	AREA	S
610553.43	4206204.03	48959.63243	11.18	11.18	0	ANNUAL	AREA	S
610560.43	4206204.03	54816.03836	11.11	11.11	0	ANNUAL	AREA	S
610567.43	4206204.03	61661.45906	11.1	11.1	0	ANNUAL	AREA	S
610574.43	4206204.03	69799.53029	11.09	11.09	0	ANNUAL	AREA	S
610581.43	4206204.03	79568.72754	11.08	11.08	0	ANNUAL	AREA	S
610588.43	4206204.03	91425.09027	11.07	11.07	0	ANNUAL	AREA	S
610595.43	4206204.03	105970.008	11.06	11.06	0	ANNUAL	AREA	S
610602.43	4206204.03	123925.066	11.04	11.04	0	ANNUAL	AREA	S
610609.43	4206204.03	145651.2645	11.03	11.03	0	ANNUAL	AREA	S
610616.43	4206204.03	169168.2591	11.02	11.02	0	ANNUAL	AREA	S
610770.43	4206204.03	321246.8539	9.1	9.1	0	ANNUAL	AREA	S

610777.43	4206204.03	303247.8208	9.01	9.01	0	ANNUAL	AREA	S
610784.43	4206204.03	276805.5369	9	9	0	ANNUAL	AREA	S
610791.43	4206204.03	249441.8331	9	9	0	ANNUAL	AREA	S
610798.43	4206204.03	225161.069	9	9	0	ANNUAL	AREA	S
610805.43	4206204.03	204292.5105	9	9	0	ANNUAL	AREA	S
610812.43	4206204.03	186380.7006	9	9	0	ANNUAL	AREA	S
610833.43	4206204.03	145505.4823	9	9	0	ANNUAL	AREA	S
610840.43	4206204.03	134952.9135	9	9	0	ANNUAL	AREA	S
610847.43	4206204.03	125517.6116	9	9	0	ANNUAL	AREA	S
610854.43	4206204.03	117026.4542	9	9	0	ANNUAL	AREA	S
610861.43	4206204.03	109341.2716	9	9	0	ANNUAL	AREA	S
610868.43	4206204.03	102352.3676	9	9	0	ANNUAL	AREA	S
610875.43	4206204.03	95970.81845	9	9	0	ANNUAL	AREA	S
610882.43	4206204.03	90123.45436	9	9	0	ANNUAL	AREA	S
610889.43	4206204.03	84748.65531	9	9	0	ANNUAL	AREA	S
610896.43	4206204.03	79794.74018	9	9	0	ANNUAL	AREA	S
610903.43	4206204.03	75218.91614	9	9	0	ANNUAL	AREA	S
610910.43	4206204.03	70982.76503	9	9	0	ANNUAL	AREA	S
610917.43	4206204.03	67054.28108	9	9	0	ANNUAL	AREA	S
610924.43	4206204.03	63404.87492	9	9	0	ANNUAL	AREA	S
610945.43	4206204.03	53896.56477	9	9	0	ANNUAL	AREA	S
610952.43	4206204.03	51141.48411	9	9	0	ANNUAL	AREA	S
610959.43	4206204.03	48565.84984	9	9	0	ANNUAL	AREA	S
610966.43	4206204.03	46155.50359	9	9	0	ANNUAL	AREA	S
610973.43	4206204.03	43897.75979	9	9	0	ANNUAL	AREA	S
610980.43	4206204.03	41780.81556	9	9	0	ANNUAL	AREA	S
610987.43	4206204.03	39794.36417	9	9	0	ANNUAL	AREA	S
610994.43	4206204.03	37928.45603	9	9	0	ANNUAL	AREA	S
611001.43	4206204.03	36174.70967	9	9	0	ANNUAL	AREA	S
611008.43	4206204.03	34524.78943	9	9	0	ANNUAL	AREA	S
611015.43	4206204.03	32971.57177	9	9	0	ANNUAL	AREA	S
611029.43	4206204.03	30128.44119	9	9	0	ANNUAL	AREA	S
611036.43	4206204.03	28826.75595	9	9	0	ANNUAL	AREA	S
611043.43	4206204.03	27597.68728	9	9	0	ANNUAL	AREA	S
611050.43	4206204.03	26436.63624	9	9	0	ANNUAL	AREA	S
611057.43	4206204.03	25338.85321	9	9	0	ANNUAL	AREA	S
611064.43	4206204.03	24300.3086	9	9	0	ANNUAL	AREA	S
611071.43	4206204.03	23317.29581	9	9	0	ANNUAL	AREA	S
611078.43	4206204.03	22386.08423	9	9	0	ANNUAL	AREA	S
611092.43	4206204.03	20666.45589	9	9	0	ANNUAL	AREA	S
610294.43	4206211.03	5086.66602	11.86	11.86	0	ANNUAL	AREA	S
610301.43	4206211.03	5270.25781	11.88	11.88	0	ANNUAL	AREA	S
610308.43	4206211.03	5464.21759	11.9	11.9	0	ANNUAL	AREA	S
610315.43	4206211.03	5668.86655	11.93	11.93	0	ANNUAL	AREA	S
610322.43	4206211.03	5885.94088	11.95	11.95	0	ANNUAL	AREA	S
610329.43	4206211.03	6116.07037	11.97	11.97	0	ANNUAL	AREA	S
610336.43	4206211.03	6360.26775	11.99	11.99	0	ANNUAL	AREA	S
610343.43	4206211.03	6620.31949	12	12	0	ANNUAL	AREA	S
610350.43	4206211.03	6897.65964	12	12	0	ANNUAL	AREA	S
610357.43	4206211.03	7193.25239	12	12	0	ANNUAL	AREA	S
610364.43	4206211.03	7508.72244	12	12	0	ANNUAL	AREA	S
610371.43	4206211.03	7845.95987	12	12	0	ANNUAL	AREA	S
610378.43	4206211.03	8207.05622	12	12	0	ANNUAL	AREA	S
610385.43	4206211.03	8594.35451	12	12	0	ANNUAL	AREA	S
610392.43	4206211.03	9010.5023	12	12	0	ANNUAL	AREA	S
610399.43	4206211.03	9458.42764	12	12	0	ANNUAL	AREA	S
610406.43	4206211.03	9941.57771	12	12	0	ANNUAL	AREA	S
610413.43	4206211.03	10463.68562	12	12	0	ANNUAL	AREA	S
610420.43	4206211.03	11029.22526	12	12	0	ANNUAL	AREA	S
610427.43	4206211.03	11643.07909	12	12	0	ANNUAL	AREA	S
610434.43	4206211.03	12311.04674	12	12	0	ANNUAL	AREA	S
610441.43	4206211.03	13039.62742	12	12	0	ANNUAL	AREA	S
610448.43	4206211.03	13836.57677	12	12	0	ANNUAL	AREA	S
610455.43	4206211.03	14710.57033	12	12	0	ANNUAL	AREA	S
610462.43	4206211.03	15671.95235	12	12	0	ANNUAL	AREA	S
610469.43	4206211.03	16732.81756	12	12	0	ANNUAL	AREA	S
610476.43	4206211.03	17907.09544	12	12	0	ANNUAL	AREA	S
610483.43	4206211.03	19211.57487	12	12	0	ANNUAL	AREA	S
610497.43	4206211.03	22331.04258	11.87	11.87	0	ANNUAL	AREA	S
610504.43	4206211.03	24189.3784	11.79	11.79	0	ANNUAL	AREA	S
610511.43	4206211.03	26288.81052	11.71	11.71	0	ANNUAL	AREA	S
610518.43	4206211.03	28667.23252	11.64	11.64	0	ANNUAL	AREA	S
610525.43	4206211.03	31383.39067	11.56	11.56	0	ANNUAL	AREA	S
610532.43	4206211.03	34496.85913	11.48	11.48	0	ANNUAL	AREA	S
610539.43	4206211.03	38085.37782	11.4	11.4	0	ANNUAL	AREA	S
610546.43	4206211.03	42238.86529	11.33	11.33	0	ANNUAL	AREA	S
610553.43	4206211.03	47091.63285	11.25	11.25	0	ANNUAL	AREA	S
610560.43	4206211.03	52774.6303	11.19	11.19	0	ANNUAL	AREA	S
610567.43	4206211.03	59458.09951	11.17	11.17	0	ANNUAL	AREA	S
610574.43	4206211.03	67430.02069	11.15	11.15	0	ANNUAL	AREA	S
610581.43	4206211.03	77031.52101	11.13	11.13	0	ANNUAL	AREA	S
610588.43	4206211.03	88722.46904	11.11	11.11	0	ANNUAL	AREA	S
610595.43	4206211.03	103108.5114	11.09	11.09	0	ANNUAL	AREA	S
610602.43	4206211.03	120892.5983	11.07	11.07	0	ANNUAL	AREA	S
610609.43	4206211.03	142464.4792	11.06	11.06	0	ANNUAL	AREA	S
610616.43	4206211.03	165903.3886	11.04	11.04	0	ANNUAL	AREA	S
610770.43	4206211.03	321088.2589	9.1	9.1	0	ANNUAL	AREA	S
610777.43	4206211.03	303038.5638	9.01	9.01	0	ANNUAL	AREA	S
610784.43	4206211.03	276656.8368	9	9	0	ANNUAL	AREA	S
610791.43	4206211.03	249465.408	9	9	0	ANNUAL	AREA	S
610798.43	4206211.03	225403.9268	9	9	0	ANNUAL	AREA	S
610805.43	4206211.03	204713.8299	9	9	0	ANNUAL	AREA	S
610812.43	4206211.03	186977.4461	9	9	0	ANNUAL	AREA	S
610833.43	4206211.03	146433.7332	9	9	0	ANNUAL	AREA	S
610840.43	4206211.03	135962.1384	9	9	0	ANNUAL	AREA	S
610847.43	4206211.03	126594.5237	9	9	0	ANNUAL	AREA	S
610854.43	4206211.03	118160.185	9	9	0	ANNUAL	AREA	S
610861.43	4206211.03	110522.0244	9	9	0	ANNUAL	AREA	S
610868.43	4206211.03	103571.5392	9	9	0	ANNUAL	AREA	S
610875.43	4206211.03	97219.88142	9	9	0	ANNUAL	AREA	S
610882.43	4206211.03	91394.91179	9	9	0	ANNUAL	AREA	S
610889.43	4206211.03	86035.48939	9	9	0	ANNUAL	AREA	S
610896.43	4206211.03	81090.86375	9	9	0	ANNUAL	AREA	S
610903.43	4206211.03	76518.02298	9	9	0	ANNUAL	AREA	S
610910.43	4206211.03	72280.24741	9	9	0	ANNUAL	AREA	S
610917.43	4206211.03	68345.52349	9	9	0	ANNUAL	AREA	S
610924.43	4206211.03	64685.90059	9	9	0	ANNUAL	AREA	S
610945.43	4206211.03	55127.88417	9	9	0	ANNUAL	AREA	S
610952.43	4206211.03	52351.30586	9	9	0	ANNUAL	AREA	S
610959.43	4206211.03	49752.38174	9	9	0	ANNUAL	AREA	S
610966.43	4206211.03	47317.36383	9	9	0	ANNUAL	AREA	S
610973.43	4206211.03	45033.62362	9	9	0	ANNUAL	AREA	S
610980.43	4206211.03	42889.85768	9	9	0	ANNUAL	AREA	S
610987.43	4206211.03	40875.88146	9	9	0	ANNUAL	AREA	S
610994.43	4206211.03	38982.1713	9	9	0	ANNUAL	AREA	S
611001.43	4206211.03	37200.16823	9	9	0	ANNUAL	AREA	S
611008.43	4206211.03	35522.03841	9	9	0	ANNUAL	AREA	S
611015.43	4206211.03	33940.56242	9	9	0	ANNUAL	AREA	S
611029.43	4206211.03	31041.59007	9	9	0	ANNUAL	AREA	S
611036.43	4206211.03	29712.31847	9	9	0	ANNUAL	AREA	S
611043.43	4206211.03	28456.35333	9	9	0	ANNUAL	AREA	S
611050.43	4206211.03	27268.64382	9	9	0	ANNUAL	AREA	S
611057.43	4206211.03	26144.8163	9	9	0	ANNUAL	AREA	S
611064.43	4206211.03	25080.9488	9	9	0	ANNUAL	AREA	S
611071.43	4206211.03	24072.98947	9	9	0	ANNUAL	AREA	S
611078.43	4206211.03	23117.57056	9	9	0	ANNUAL	AREA	S
611085.43	4206211.03	22211.4339	9	9	0	ANNUAL	AREA	S
611092.43	4206211.03	21351.46894	9	9	0	ANNUAL	AREA	S
610294.43	4206218.03	4966.90775	11.81	11.81	0	ANNUAL	AREA	S
610301.43	4206218.03	5143.67425	11.84	11.84	0	ANNUAL	AREA	S
610308.43	4206218.03	5330.26547	11.87	11.87	0	ANNUAL	AREA	S
610315.43	4206218.03	5527.46545	11.9	11.9	0	ANNUAL	AREA	S
610322.43	4206218.03	5736.10873	11.93	11.93	0	ANNUAL	AREA	S
610329.43	4206218.03	5957.10901	11.96	11.96	0	ANNUAL	AREA	S
610336.43	4206218.03	6191.45554	11.99	11.99	0	ANNUAL	AREA	S
610343.43	4206218.03	6441.44933	12	12	0	ANNUAL	AREA	S
610350.43	4206218.03	6707.90525	12	12	0	ANNUAL	AREA	S
610357.43	4206218.03	6991.69484	12	12	0	ANNUAL	AREA	S
610364.43	4206218.03	7294.44039	12	12	0	ANNUAL	AREA	S
610371.43	4206218.03	7617.87158	12	12	0	ANNUAL	AREA	S
610378.43	4206218.03	7963.9771	12	12	0	ANNUAL	AREA	S
610385.43	4206218.03	8334.94163	12	12	0	ANNUAL	AREA	S
610392.43	4206218.03	8733.30018	12	12	0	ANNUAL	AREA	S
610399.43	4206218.03	9161.86417	12	12	0	ANNUAL	AREA	S
610406.43	4206218.03	9623.82867	12	12	0	ANNUAL	AREA	S
610413.43	4206218.03	10122.73443	12	12	0	ANNUAL	AREA	S
610420.43	4206218.03	10662.86709	12	12	0	ANNUAL	AREA	S
610427.43	4206218.03	11248.82157	12	12	0	ANNUAL	AREA	S
610434.43	4206218.03	11886.05429	12	12	0	ANNUAL	AREA	S
610441.43	4206218.03	12580.81033	12	12	0	ANNUAL	AREA	S
610448.43	4206218.03	13340.33629	12	12	0	ANNUAL	AREA	S
610455.43	4206218.03	14173.06446	12	12	0	ANNUAL	AREA	S
610462.43	4206218.03	15088.73007	12	12	0	ANNUAL	AREA	S
610469.43	4206218.03	16098.89236	12	12	0	ANNUAL	AREA	S
610476.43	4206218.03	17216.99691	12	12	0	ANNUAL	AREA	S
610483.43	4206218.03	18458.93035	12	12	0	ANNUAL	AREA	S
610497.43	4206218.03	21428.01389	11.88	11.88	0	ANNUAL	AREA	S
610504.43	4206218.03	23196.56736	11.81	11.81	0	ANNUAL	AREA	S
610511.43	4206218.03	25195.90293	11.74	11.74	0	ANNUAL	AREA	S
610518.43	4206218.03	27466.99436	11.67	11.67	0	ANNUAL	AREA	S
610525.43	4206218.03	30060.10708	11.6	11.6	0	ANNUAL	AREA	S
610532.43	4206218.03	33036.92002	11.53	11.53	0	ANNUAL	AREA	S
610539.43	4206218.03	36474.6801	11.46	11.46	0	ANNUAL	AREA	S
610546.43	4206218.03	40469.64157	11.39	11.39	0	ANNUAL	AREA	S
610553.43	4206218.03	45142.84043	11.32	11.32	0	ANNUAL	AREA	S
610560.43	4206218.03	50640.76111	11.26	11.26	0	ANNUAL	AREA	S
610567.43	4206218.03	57138.72003	11.23	11.23	0	ANNUAL	AREA	S
610574.43	4206218.03	64906.40343	11.21	11.21	0	ANNUAL	AREA	S
610581.43	4206218.03	74309.61661	11.18	11.18	0	ANNUAL	AREA	S
610588.43	4206218.03	85783.89346	11.16	11.16	0	ANNUAL	AREA	S
610595.43	4206218.03	99970.95116	11.13	11.13	0	ANNUAL	AREA	S
610602.43	4206218.03	117572.1561	11.1	11.1	0	ANNUAL	AREA	S
610609.43	4206218.03	138992.3664	11.08	11.08	0	ANNUAL	AREA	S
610616.43	4206218.03	162355.0928	11.05	11.05	0	ANNUAL	AREA	S
610770.43	4206218.03	320721.3346	9.1	9.1	0	ANNUAL	AREA	S
610777.43	4206218.03	302623.909	9.01	9.01	0	ANNUAL	AREA	S
610784.43	4206218.03	276343.6302	9	9	0	ANNUAL	AREA	S
610791.43	4206218.03	249324.2784	9	9	0	ANNUAL	AREA	S
610798.43	4206218.03	225481.9675	9	9	0	ANNUAL	AREA	S
610805.43	4206218.03	204975.4241	9	9	0	ANNUAL	AREA	S
610812.43	4206218.03	187398.5024	9	9	0	ANNUAL	AREA	S
610833.43	4206218.03	147196.8746	9	9	0	ANNUAL	AREA	S
610840.43	4206218.03	136806.8184	9	9	0	ANNUAL	AREA	S
610847.43	4206218.03	127508.4476	9	9	0	ANNUAL	AREA	S
610854.43	4206218.03	119133.1382	9	9	0	ANNUAL	AREA	S
610861.43	4206218.03	111545.6492	9	9	0	ANNUAL	AREA	S
610868.43	4206218.03	104636.9289	9	9	0	ANNUAL	AREA	S
610875.43	4206218.03	98319.21725	9	9	0	ANNUAL	AREA	S
610882.43	4206218.03	92520.90017	9	9	0	ANNUAL	AREA	S
610889.43	4206218.03	87182.32714	9	9	0	ANNUAL	AREA	S
610896.43	4206218.03	82252.67749	9	9	0	ANNUAL	AREA	S
610903.43	4206218.03	77689.21327	9	9	0	ANNUAL	AREA	S
610910.43	4206218.03	73455.86726	9	9	0	ANNUAL	AREA	S
610917.43	4206218.03	69520.94664	9	9	0	ANNUAL	AREA	S
610924.43	4206218.03	65857.39027	9	9	0	ANNUAL	AREA	S
610945.43	4206218.03	56267.89342	9	9	0	ANNUAL	AREA	S

610952.43	4206218.03	53475.55938	9	9	0	ANNUAL	AREA	S
610959.43	4206218.03	50859.00532	9	9	0	ANNUAL	AREA	S
610966.43	4206218.03	48404.51087	9	9	0	ANNUAL	AREA	S
610973.43	4206218.03	46100.09295	9	9	0	ANNUAL	AREA	S
610980.43	4206218.03	43934.43025	9	9	0	ANNUAL	AREA	S
610987.43	4206218.03	41897.493	9	9	0	ANNUAL	AREA	S
610994.43	4206218.03	39980.3315	9	9	0	ANNUAL	AREA	S
611001.43	4206218.03	38174.2113	9	9	0	ANNUAL	AREA	S
611008.43	4206218.03	36471.7457	9	9	0	ANNUAL	AREA	S
611029.43	4206218.03	31917.40546	9	9	0	ANNUAL	AREA	S
611036.43	4206218.03	30563.77865	9	9	0	ANNUAL	AREA	S
611043.43	4206218.03	29283.4808	9	9	0	ANNUAL	AREA	S
611050.43	4206218.03	28071.7782	9	9	0	ANNUAL	AREA	S
611057.43	4206218.03	26924.42404	9	9	0	ANNUAL	AREA	S
611064.43	4206218.03	25837.2468	9	9	0	ANNUAL	AREA	S
611071.43	4206218.03	24806.61089	9	9	0	ANNUAL	AREA	S
611078.43	4206218.03	23828.91511	9	9	0	ANNUAL	AREA	S
611085.43	4206218.03	22900.95133	9	9	0	ANNUAL	AREA	S
611092.43	4206218.03	22019.78209	9	9	0	ANNUAL	AREA	S
610294.43	4206225.03	4847.94682	11.77	11.77	0	ANNUAL	AREA	S
610301.43	4206225.03	5017.95978	11.81	11.81	0	ANNUAL	AREA	S
610308.43	4206225.03	5197.75727	11.84	11.84	0	ANNUAL	AREA	S
610315.43	4206225.03	5387.18428	11.88	11.88	0	ANNUAL	AREA	S
610322.43	4206225.03	5587.46087	11.92	11.92	0	ANNUAL	AREA	S
610329.43	4206225.03	5799.97577	11.95	11.95	0	ANNUAL	AREA	S
610336.43	4206225.03	6024.69967	11.99	11.99	0	ANNUAL	AREA	S
610343.43	4206225.03	6264.78772	12	12	0	ANNUAL	AREA	S
610350.43	4206225.03	6520.54582	12	12	0	ANNUAL	AREA	S
610357.43	4206225.03	6792.78908	12	12	0	ANNUAL	AREA	S
610364.43	4206225.03	7082.99288	12	12	0	ANNUAL	AREA	S
610371.43	4206225.03	7392.86339	12	12	0	ANNUAL	AREA	S
610378.43	4206225.03	7724.22749	12	12	0	ANNUAL	AREA	S
610385.43	4206225.03	8079.13035	12	12	0	ANNUAL	AREA	S
610392.43	4206225.03	8460.025	12	12	0	ANNUAL	AREA	S
610399.43	4206225.03	8869.49919	12	12	0	ANNUAL	AREA	S
610406.43	4206225.03	9310.52996	12	12	0	ANNUAL	AREA	S
610413.43	4206225.03	9786.59689	12	12	0	ANNUAL	AREA	S
610420.43	4206225.03	10301.53802	12	12	0	ANNUAL	AREA	S
610427.43	4206225.03	10859.82838	12	12	0	ANNUAL	AREA	S
610434.43	4206225.03	11466.62533	12	12	0	ANNUAL	AREA	S
610441.43	4206225.03	12127.74099	12	12	0	ANNUAL	AREA	S
610448.43	4206225.03	12850.08522	12	12	0	ANNUAL	AREA	S
610455.43	4206225.03	13641.47171	12	12	0	ANNUAL	AREA	S
610462.43	4206225.03	14511.24137	12	12	0	ANNUAL	AREA	S
610469.43	4206225.03	15470.38324	12	12	0	ANNUAL	AREA	S
610476.43	4206225.03	16531.52328	12	12	0	ANNUAL	AREA	S
610483.43	4206225.03	17710.08267	12	12	0	ANNUAL	AREA	S
610497.43	4206225.03	20525.26392	11.89	11.89	0	ANNUAL	AREA	S
610504.43	4206225.03	22201.02022	11.83	11.83	0	ANNUAL	AREA	S
610511.43	4206225.03	24096.26977	11.77	11.77	0	ANNUAL	AREA	S
610518.43	4206225.03	26254.36934	11.7	11.7	0	ANNUAL	AREA	S
610525.43	4206225.03	28717.23052	11.64	11.64	0	ANNUAL	AREA	S
610532.43	4206225.03	31548.544	11.58	11.58	0	ANNUAL	AREA	S
610539.43	4206225.03	34823.94188	11.52	11.52	0	ANNUAL	AREA	S
610546.43	4206225.03	38644.83488	11.45	11.45	0	ANNUAL	AREA	S
610553.43	4206225.03	43120.17504	11.39	11.39	0	ANNUAL	AREA	S
610560.43	4206225.03	48410.10832	11.33	11.33	0	ANNUAL	AREA	S
610567.43	4206225.03	54684.95316	11.3	11.3	0	ANNUAL	AREA	S
610574.43	4206225.03	62226.98581	11.27	11.27	0	ANNUAL	AREA	S
610581.43	4206225.03	71396.27772	11.23	11.23	0	ANNUAL	AREA	S
610588.43	4206225.03	82633.042	11.2	11.2	0	ANNUAL	AREA	S
610595.43	4206225.03	96562.40987	11.17	11.17	0	ANNUAL	AREA	S
610602.43	4206225.03	113934.9619	11.13	11.13	0	ANNUAL	AREA	S
610609.43	4206225.03	135151.1581	11.1	11.1	0	ANNUAL	AREA	S
610616.43	4206225.03	158373.0577	11.07	11.07	0	ANNUAL	AREA	S
610770.43	4206225.03	320175.727	9.1	9.1	0	ANNUAL	AREA	S
610777.43	4206225.03	301951.6991	9	9	0	ANNUAL	AREA	S
610784.43	4206225.03	275859.4971	9	9	0	ANNUAL	AREA	S
610791.43	4206225.03	249029.6848	9	9	0	ANNUAL	AREA	S
610798.43	4206225.03	225403.0209	9	9	0	ANNUAL	AREA	S
610805.43	4206225.03	205082.8903	9	9	0	ANNUAL	AREA	S
610812.43	4206225.03	187656.2005	9	9	0	ANNUAL	AREA	S
610833.43	4206225.03	147802.0878	9	9	0	ANNUAL	AREA	S
610840.43	4206225.03	137495.8106	9	9	0	ANNUAL	AREA	S
610847.43	4206225.03	128265.7291	9	9	0	ANNUAL	AREA	S
610854.43	4206225.03	119950.6893	9	9	0	ANNUAL	AREA	S
610861.43	4206225.03	112415.4277	9	9	0	ANNUAL	AREA	S
610868.43	4206225.03	105551.4435	9	9	0	ANNUAL	AREA	S
610875.43	4206225.03	99271.91129	9	9	0	ANNUAL	AREA	S
610882.43	4206225.03	93505.08365	9	9	0	ANNUAL	AREA	S
610889.43	4206225.03	88191.54888	9	9	0	ANNUAL	AREA	S
610896.43	4206225.03	83281.6805	9	9	0	ANNUAL	AREA	S
610903.43	4206225.03	78733.07245	9	9	0	ANNUAL	AREA	S
610910.43	4206225.03	74509.43745	9	9	0	ANNUAL	AREA	S
610917.43	4206225.03	70580.36886	9	9	0	ANNUAL	AREA	S
610924.43	4206225.03	66918.39386	9	9	0	ANNUAL	AREA	S
610931.43	4206225.03	63500.179	9	9	0	ANNUAL	AREA	S
610952.43	4206225.03	54511.9458	9	9	0	ANNUAL	AREA	S
610959.43	4206225.03	51882.90753	9	9	0	ANNUAL	AREA	S
610966.43	4206225.03	49414.24726	9	9	0	ANNUAL	AREA	S
610973.43	4206225.03	47093.90651	9	9	0	ANNUAL	AREA	S
610980.43	4206225.03	44911.19934	9	9	0	ANNUAL	AREA	S
610987.43	4206225.03	42855.99778	9	9	0	ANNUAL	AREA	S
610994.43	4206225.03	40919.54504	9	9	0	ANNUAL	AREA	S
611001.43	4206225.03	39093.62166	9	9	0	ANNUAL	AREA	S
611008.43	4206225.03	37370.54746	9	9	0	ANNUAL	AREA	S
611029.43	4206225.03	32752.88046	9	9	0	ANNUAL	AREA	S
611036.43	4206225.03	31377.76233	9	9	0	ANNUAL	AREA	S
611043.43	4206225.03	30076.0244	9	9	0	ANNUAL	AREA	S
611050.43	4206225.03	28843.08511	9	9	0	ANNUAL	AREA	S
611057.43	4206225.03	27674.54983	9	9	0	ANNUAL	AREA	S
611064.43	4206225.03	26566.63069	9	9	0	ANNUAL	AREA	S
611071.43	4206225.03	25515.30549	9	9	0	ANNUAL	AREA	S
611078.43	4206225.03	24517.33199	9	9	0	ANNUAL	AREA	S
611085.43	4206225.03	23569.55624	9	9	0	ANNUAL	AREA	S
611092.43	4206225.03	22668.78425	9	9	0	ANNUAL	AREA	S
610294.43	4206232.03	4730.62395	11.72	11.72	0	ANNUAL	AREA	S
610301.43	4206232.03	4894.02554	11.77	11.77	0	ANNUAL	AREA	S
610308.43	4206232.03	5066.72692	11.81	11.81	0	ANNUAL	AREA	S
610315.43	4206232.03	5248.58933	11.86	11.86	0	ANNUAL	AREA	S
610322.43	4206232.03	5441.17868	11.9	11.9	0	ANNUAL	AREA	S
610329.43	4206232.03	5644.91606	11.94	11.94	0	ANNUAL	AREA	S
610336.43	4206232.03	5860.18301	11.99	11.99	0	ANNUAL	AREA	S
610343.43	4206232.03	6090.57624	12	12	0	ANNUAL	AREA	S
610350.43	4206232.03	6335.8605	12	12	0	ANNUAL	AREA	S
610357.43	4206232.03	6596.75981	12	12	0	ANNUAL	AREA	S
610364.43	4206232.03	6874.71309	12	12	0	ANNUAL	AREA	S
610371.43	4206232.03	7171.28449	12	12	0	ANNUAL	AREA	S
610378.43	4206232.03	7488.16637	12	12	0	ANNUAL	AREA	S
610385.43	4206232.03	7827.36119	12	12	0	ANNUAL	AREA	S
610392.43	4206232.03	8191.10341	12	12	0	ANNUAL	AREA	S
610399.43	4206232.03	8581.81373	12	12	0	ANNUAL	AREA	S
610406.43	4206232.03	9002.37683	12	12	0	ANNUAL	AREA	S
610413.43	4206232.03	9455.93221	12	12	0	ANNUAL	AREA	S
610420.43	4206232.03	9946.15297	12	12	0	ANNUAL	AREA	S
610427.43	4206232.03	10477.22549	12	12	0	ANNUAL	AREA	S
610434.43	4206232.03	11053.91165	12	12	0	ANNUAL	AREA	S
610441.43	4206232.03	11681.78474	12	12	0	ANNUAL	AREA	S
610448.43	4206232.03	12367.16755	12	12	0	ANNUAL	AREA	S
610455.43	4206232.03	13117.57102	12	12	0	ANNUAL	AREA	S
610462.43	4206232.03	13941.73398	12	12	0	ANNUAL	AREA	S
610469.43	4206232.03	14849.84427	12	12	0	ANNUAL	AREA	S
610476.43	4206232.03	15853.93971	12	12	0	ANNUAL	AREA	S
610483.43	4206232.03	16968.55314	12	12	0	ANNUAL	AREA	S
610497.43	4206232.03	19627.41332	11.9	11.9	0	ANNUAL	AREA	S
610504.43	4206232.03	21208.25551	11.85	11.85	0	ANNUAL	AREA	S
610511.43	4206232.03	22999.52433	11.79	11.79	0	ANNUAL	AREA	S
610518.43	4206232.03	25033.12766	11.74	11.74	0	ANNUAL	AREA	S
610525.43	4206232.03	27363.08024	11.68	11.68	0	ANNUAL	AREA	S
610532.43	4206232.03	30040.53836	11.63	11.63	0	ANNUAL	AREA	S
610539.43	4206232.03	33147.59036	11.57	11.57	0	ANNUAL	AREA	S
610546.43	4206232.03	36774.2275	11.51	11.51	0	ANNUAL	AREA	S
610553.43	4206232.03	41032.72527	11.46	11.46	0	ANNUAL	AREA	S
610560.43	4206232.03	46082.17226	11.41	11.41	0	ANNUAL	AREA	S
610567.43	4206232.03	52112.44554	11.37	11.37	0	ANNUAL	AREA	S
610574.43	4206232.03	59392.79073	11.33	11.33	0	ANNUAL	AREA	S
610581.43	4206232.03	68286.70039	11.28	11.28	0	ANNUAL	AREA	S
610588.43	4206232.03	79239.30101	11.24	11.24	0	ANNUAL	AREA	S
610595.43	4206232.03	92884.53832	11.2	11.2	0	ANNUAL	AREA	S
610602.43	4206232.03	109952.654	11.16	11.16	0	ANNUAL	AREA	S
610609.43	4206232.03	130914.5995	11.12	11.12	0	ANNUAL	AREA	S
610616.43	4206232.03	153974.6054	11.08	11.08	0	ANNUAL	AREA	S
610770.43	4206232.03	319446.6786	9.1	9.1	0	ANNUAL	AREA	S
610777.43	4206232.03	301191.3554	9	9	0	ANNUAL	AREA	S
610784.43	4206232.03	275218.3587	9	9	0	ANNUAL	AREA	S
610791.43	4206232.03	248582.9905	9	9	0	ANNUAL	AREA	S
610798.43	4206232.03	225172.2922	9	9	0	ANNUAL	AREA	S
610805.43	4206232.03	205040.7333	9	9	0	ANNUAL	AREA	S
610812.43	4206232.03	187763.5876	9	9	0	ANNUAL	AREA	S
610833.43	4206232.03	148253.9298	9	9	0	ANNUAL	AREA	S
610840.43	4206232.03	138026.1578	9	9	0	ANNUAL	AREA	S
610847.43	4206232.03	128869.5362	9	9	0	ANNUAL	AREA	S
610854.43	4206232.03	120616.373	9	9	0	ANNUAL	AREA	S
610861.43	4206232.03	113135.2081	9	9	0	ANNUAL	AREA	S
610868.43	4206232.03	106318.9118	9	9	0	ANNUAL	AREA	S
610875.43	4206232.03	100080.3483	9	9	0	ANNUAL	AREA	S
610882.43	4206232.03	94348.24018	9	9	0	ANNUAL	AREA	S
610889.43	4206232.03	89063.94551	9	9	0	ANNUAL	AREA	S
610896.43	4206232.03	84178.55486	9	9	0	ANNUAL	AREA	S
610903.43	4206232.03	79649.2818	9	9	0	ANNUAL	AREA	S
610910.43	4206232.03	75440.87333	9	9	0	ANNUAL	AREA	S
610917.43	4206232.03	71522.44131	9	9	0	ANNUAL	AREA	S
610924.43	4206232.03	67867.69741	9	9	0	ANNUAL	AREA	S
610931.43	4206232.03	64453.06011	9	9	0	ANNUAL	AREA	S
610952.43	4206232.03	55457.89819	9	9	0	ANNUAL	AREA	S
610959.43	4206232.03	52821.64599	9	9	0	ANNUAL	AREA	S
610966.43	4206232.03	50343.70865	9	9	0	ANNUAL	AREA	S
610973.43	4206232.03	48012.37631	9	9	0	ANNUAL	AREA	S
610980.43	4206232.03	45817.09034	9	9	0	ANNUAL	AREA	S
610987.43	4206232.03	43748.19805	9	9	0	ANNUAL	AREA	S
610994.43	4206232.03	41796.77499	9	9	0	ANNUAL	AREA	S
611001.43	4206232.03	39954.97674	9	9	0	ANNUAL	AREA	S
611008.43	4206232.03	38215.39855	9	9	0	ANNUAL	AREA	S
611029.43	4206232.03	33544.56514	9	9	0	ANNUAL	AREA	S
611036.43	4206232.03	32151.21319	9	9	0	ANNUAL	AREA	S
611043.43	4206232.03	30831.02863	9	9	0	ANNUAL	AREA	S
611050.43	4206232.03	29579.50264	9	9	0	ANNUAL	AREA	S
611057.43	4206232.03	28392.5804	9	9	0	ANNUAL	AREA	S
611064.43	4206232.03	27265.99555	9	9	0	ANNUAL	AREA	S
611071.43	4206232.03	26196.42367	9	9	0	ANNUAL	AREA	S
611078.43	4206232.03	25180.34711	9	9	0	ANNUAL	AREA	S
611085.43	4206232.03	24214.53531	9	9	0	ANNUAL	AREA	S
611092.43	4206232.03	23296.17905	9	9	0	ANNUAL	AREA	S
610294.43	4206239.03	4614.31386	11.68	11.68	0	ANNUAL	AREA	S
610301.43	4206239.03	4771.63643	11.73	11.73	0	ANNUAL	AREA	S
610308.43	4206239.03	4937.40947	11.78	11.78	0	ANNUAL	AREA	S

610315.43	4206239.03	5112.23602	11.83	11.83	0	ANNUAL	AREA	5
610322.43	4206239.03	5296.85444	11.88	11.88	0	ANNUAL	AREA	5
610329.43	4206239.03	5492.01322	11.93	11.93	0	ANNUAL	AREA	5
610336.43	4206239.03	5698.07321	11.99	11.99	0	ANNUAL	AREA	5
610343.43	4206239.03	5918.98453	12	12	0	ANNUAL	AREA	5
610350.43	4206239.03	6154.01186	12	12	0	ANNUAL	AREA	5
610357.43	4206239.03	6403.87406	12	12	0	ANNUAL	AREA	5
610364.43	4206239.03	6669.83583	12	12	0	ANNUAL	AREA	5
610371.43	4206239.03	6953.38906	12	12	0	ANNUAL	AREA	5
610378.43	4206239.03	7256.17639	12	12	0	ANNUAL	AREA	5
610385.43	4206239.03	7579.99188	12	12	0	ANNUAL	AREA	5
610392.43	4206239.03	7926.96325	12	12	0	ANNUAL	AREA	5
610399.43	4206239.03	8299.36742	12	12	0	ANNUAL	AREA	5
610406.43	4206239.03	8699.83861	12	12	0	ANNUAL	AREA	5
610413.43	4206239.03	9131.4221	12	12	0	ANNUAL	AREA	5
610420.43	4206239.03	9597.39169	12	12	0	ANNUAL	AREA	5
610427.43	4206239.03	10101.78474	12	12	0	ANNUAL	AREA	5
610434.43	4206239.03	10648.94464	12	12	0	ANNUAL	AREA	5
610441.43	4206239.03	11244.09583	12	12	0	ANNUAL	AREA	5
610448.43	4206239.03	11893.1704	12	12	0	ANNUAL	AREA	5
610455.43	4206239.03	12601.12934	12	12	0	ANNUAL	AREA	5
610462.43	4206239.03	13382.06888	12	12	0	ANNUAL	AREA	5
610469.43	4206239.03	14239.57987	12	12	0	ANNUAL	AREA	5
610476.43	4206239.03	15186.87637	12	12	0	ANNUAL	AREA	5
610483.43	4206239.03	16237.49577	12	12	0	ANNUAL	AREA	5
610497.43	4206239.03	18739.19125	11.91	11.91	0	ANNUAL	AREA	5
610504.43	4206239.03	20213.88004	11.87	11.87	0	ANNUAL	AREA	5
610511.43	4206239.03	21905.74064	11.82	11.82	0	ANNUAL	AREA	5
610518.43	4206239.03	23818.31206	11.77	11.77	0	ANNUAL	AREA	5
610525.43	4206239.03	26006.597	11.72	11.72	0	ANNUAL	AREA	5
610532.43	4206239.03	28527.12773	11.67	11.67	0	ANNUAL	AREA	5
610539.43	4206239.03	31446.10351	11.63	11.63	0	ANNUAL	AREA	5
610546.43	4206239.03	34863.82095	11.58	11.58	0	ANNUAL	AREA	5
610553.43	4206239.03	38892.78175	11.53	11.53	0	ANNUAL	AREA	5
610560.43	4206239.03	43684.78908	11.48	11.48	0	ANNUAL	AREA	5
610567.43	4206239.03	49439.48274	11.43	11.43	0	ANNUAL	AREA	5
610574.43	4206239.03	56419.86388	11.38	11.38	0	ANNUAL	AREA	5
610581.43	4206239.03	64965.67114	11.34	11.34	0	ANNUAL	AREA	5
610588.43	4206239.03	75575.17264	11.29	11.29	0	ANNUAL	AREA	5
610595.43	4206239.03	88868.23581	11.24	11.24	0	ANNUAL	AREA	5
610602.43	4206239.03	105592.3903	11.19	11.19	0	ANNUAL	AREA	5
610609.43	4206239.03	126183.5959	11.15	11.15	0	ANNUAL	AREA	5
610616.43	4206239.03	149022.0633	11.1	11.1	0	ANNUAL	AREA	5
610770.43	4206239.03	318501.0795	9.1	9.1	0	ANNUAL	AREA	5
610777.43	4206239.03	300264.5342	9	9	0	ANNUAL	AREA	5
610784.43	4206239.03	274405.2752	9	9	0	ANNUAL	AREA	5
610791.43	4206239.03	247987.6701	9	9	0	ANNUAL	AREA	5
610798.43	4206239.03	224789.972	9	9	0	ANNUAL	AREA	5
610805.43	4206239.03	204849.9799	9	9	0	ANNUAL	AREA	5
610812.43	4206239.03	187722.6518	9	9	0	ANNUAL	AREA	5
610833.43	4206239.03	148551.3414	9	9	0	ANNUAL	AREA	5
610840.43	4206239.03	138405.2385	9	9	0	ANNUAL	AREA	5
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610861.43	4206239.03	113704.5719	9	9	0	ANNUAL	AREA	5
610868.43	4206239.03	106938.2248	9	9	0	ANNUAL	AREA	5
610875.43	4206239.03	100743.4186	9	9	0	ANNUAL	AREA	5
610882.43	4206239.03	95050.22544	9	9	0	ANNUAL	AREA	5
610889.43	4206239.03	89799.42699	9	9	0	ANNUAL	AREA	5
610896.43	4206239.03	84942.10947	9	9	0	ANNUAL	AREA	5
610903.43	4206239.03	80437.05987	9	9	0	ANNUAL	AREA	5
610910.43	4206239.03	76248.50059	9	9	0	ANNUAL	AREA	5
610917.43	4206239.03	72345.99838	9	9	0	ANNUAL	AREA	5
610924.43	4206239.03	68703.30071	9	9	0	ANNUAL	AREA	5
610931.43	4206239.03	65297.55795	9	9	0	ANNUAL	AREA	5
610952.43	4206239.03	56310.81139	9	9	0	ANNUAL	AREA	5
610959.43	4206239.03	53672.42436	9	9	0	ANNUAL	AREA	5
610966.43	4206239.03	51190.14086	9	9	0	ANNUAL	AREA	5
610973.43	4206239.03	48852.51939	9	9	0	ANNUAL	AREA	5
610980.43	4206239.03	46649.32453	9	9	0	ANNUAL	AREA	5
610987.43	4206239.03	44570.99676	9	9	0	ANNUAL	AREA	5
610994.43	4206239.03	42609.00108	9	9	0	ANNUAL	AREA	5
611001.43	4206239.03	40755.40081	9	9	0	ANNUAL	AREA	5
611008.43	4206239.03	39003.06736	9	9	0	ANNUAL	AREA	5
611029.43	4206239.03	34289.84087	9	9	0	ANNUAL	AREA	5
611036.43	4206239.03	32881.28901	9	9	0	ANNUAL	AREA	5
611043.43	4206239.03	31545.58546	9	9	0	ANNUAL	AREA	5
611050.43	4206239.03	30278.40975	9	9	0	ANNUAL	AREA	5
611057.43	4206239.03	29075.43176	9	9	0	ANNUAL	AREA	5
611064.43	4206239.03	27932.9948	9	9	0	ANNUAL	AREA	5
611071.43	4206239.03	26847.41493	9	9	0	ANNUAL	AREA	5
611078.43	4206239.03	25815.32062	9	9	0	ANNUAL	AREA	5
611085.43	4206239.03	24833.657	9	9	0	ANNUAL	AREA	5
611092.43	4206239.03	23899.49623	9	9	0	ANNUAL	AREA	5
610294.43	4206246.03	4499.84423	11.63	11.63	0	ANNUAL	AREA	5
610301.43	4206246.03	4650.84594	11.69	11.69	0	ANNUAL	AREA	5
610308.43	4206246.03	4809.82823	11.75	11.75	0	ANNUAL	AREA	5
610315.43	4206246.03	4977.37984	11.81	11.81	0	ANNUAL	AREA	5
610322.43	4206246.03	5154.19899	11.87	11.87	0	ANNUAL	AREA	5
610329.43	4206246.03	5340.99037	11.93	11.93	0	ANNUAL	AREA	5
610336.43	4206246.03	5538.99015	11.98	11.98	0	ANNUAL	AREA	5
610343.43	4206246.03	5750.17849	12	12	0	ANNUAL	AREA	5
610350.43	4206246.03	5975.22315	12	12	0	ANNUAL	AREA	5
610357.43	4206246.03	6214.28069	12	12	0	ANNUAL	AREA	5
610364.43	4206246.03	6468.59364	12	12	0	ANNUAL	AREA	5
610371.43	4206246.03	6739.48786	12	12	0	ANNUAL	AREA	5
610378.43	4206246.03	7028.46486	12	12	0	ANNUAL	AREA	5
610385.43	4206246.03	7337.34539	12	12	0	ANNUAL	AREA	5
610392.43	4206246.03	7667.9618	12	12	0	ANNUAL	AREA	5
610399.43	4206246.03	8022.52731	12	12	0	ANNUAL	AREA	5
610406.43	4206246.03	8403.44344	12	12	0	ANNUAL	AREA	5
610413.43	4206246.03	8813.47797	12	12	0	ANNUAL	AREA	5
610420.43	4206246.03	9255.90217	12	12	0	ANNUAL	AREA	5
610427.43	4206246.03	9734.20351	12	12	0	ANNUAL	AREA	5
610434.43	4206246.03	10252.54289	12	12	0	ANNUAL	AREA	5
610441.43	4206246.03	10815.68149	12	12	0	ANNUAL	AREA	5
610448.43	4206246.03	11429.19229	12	12	0	ANNUAL	AREA	5
610455.43	4206246.03	12099.45766	12	12	0	ANNUAL	AREA	5
610462.43	4206246.03	12833.97386	12	12	0	ANNUAL	AREA	5
610469.43	4206246.03	13641.64223	12	12	0	ANNUAL	AREA	5
610476.43	4206246.03	14532.87127	12	12	0	ANNUAL	AREA	5
610483.43	4206246.03	15520.12386	12	12	0	ANNUAL	AREA	5
610497.43	4206246.03	17862.70741	11.93	11.93	0	ANNUAL	AREA	5
610504.43	4206246.03	19253.58048	11.89	11.89	0	ANNUAL	AREA	5
610511.43	4206246.03	20824.91158	11.85	11.85	0	ANNUAL	AREA	5
610518.43	4206246.03	22610.72148	11.81	11.81	0	ANNUAL	AREA	5
610525.43	4206246.03	24657.13003	11.76	11.76	0	ANNUAL	AREA	5
610532.43	4206246.03	27010.58304	11.72	11.72	0	ANNUAL	AREA	5
610539.43	4206246.03	29742.33253	11.68	11.68	0	ANNUAL	AREA	5
610546.43	4206246.03	32939.52289	11.64	11.64	0	ANNUAL	AREA	5
610553.43	4206246.03	36715.42188	11.6	11.6	0	ANNUAL	AREA	5
610560.43	4206246.03	41225.42364	11.55	11.55	0	ANNUAL	AREA	5
610567.43	4206246.03	46661.14339	11.5	11.5	0	ANNUAL	AREA	5
610574.43	4206246.03	53295.76016	11.44	11.44	0	ANNUAL	AREA	5
610581.43	4206246.03	61463.86632	11.39	11.39	0	ANNUAL	AREA	5
610588.43	4206246.03	71668.73875	11.33	11.33	0	ANNUAL	AREA	5
610595.43	4206246.03	84518.21443	11.28	11.28	0	ANNUAL	AREA	5
610602.43	4206246.03	100835.4089	11.22	11.22	0	ANNUAL	AREA	5
610609.43	4206246.03	120991.5226	11.17	11.17	0	ANNUAL	AREA	5
610616.43	4206246.03	143525.7458	11.11	11.11	0	ANNUAL	AREA	5
610770.43	4206246.03	317334.289	9.1	9.1	0	ANNUAL	AREA	5
610777.43	4206246.03	299140.1138	9	9	0	ANNUAL	AREA	5
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610791.43	4206246.03	247272.7242	9	9	0	ANNUAL	AREA	5
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610812.43	4206246.03	187527.3386	9	9	0	ANNUAL	AREA	5
610833.43	4206246.03	148690.5032	9	9	0	ANNUAL	AREA	5
610840.43	4206246.03	138625.5541	9	9	0	ANNUAL	AREA	5
610847.43	4206246.03	129613.3294	9	9	0	ANNUAL	AREA	5
610854.43	4206246.03	121488.3155	9	9	0	ANNUAL	AREA	5
610861.43	4206246.03	114120.8753	9	9	0	ANNUAL	AREA	5
610868.43	4206246.03	107406.7278	9	9	0	ANNUAL	AREA	5
610875.43	4206246.03	101259.5225	9	9	0	ANNUAL	AREA	5
610882.43	4206246.03	95608.19353	9	9	0	ANNUAL	AREA	5
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610910.43	4206246.03	76930.02442	9	9	0	ANNUAL	AREA	5
610917.43	4206246.03	73048.45634	9	9	0	ANNUAL	AREA	5
610924.43	4206246.03	69423.01452	9	9	0	ANNUAL	AREA	5
610931.43	4206246.03	66031.04849	9	9	0	ANNUAL	AREA	5
610938.43	4206246.03	62852.62978	9	9	0	ANNUAL	AREA	5
610959.43	4206246.03	54432.45059	9	9	0	ANNUAL	AREA	5
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610973.43	4206246.03	49611.62903	9	9	0	ANNUAL	AREA	5
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610994.43	4206246.03	43353.2084	9	9	0	ANNUAL	AREA	5
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611036.43	4206246.03	33565.12263	9	9	0	ANNUAL	AREA	5
611043.43	4206246.03	32217.02238	9	9	0	ANNUAL	AREA	5
611050.43	4206246.03	30936.91267	9	9	0	ANNUAL	AREA	5
611057.43	4206246.03	29720.77784	9	9	0	ANNUAL	AREA	5
611064.43	4206246.03	28564.90845	9	9	0	ANNUAL	AREA	5
611071.43	4206246.03	27465.66897	9	9	0	ANNUAL	AREA	5
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611085.43	4206246.03	25424.39983	9	9	0	ANNUAL	AREA	5
611092.43	4206246.03	24476.44824	9	9	0	ANNUAL	AREA	5
610294.43	4206253.03	4386.56189	11.59	11.59	0	ANNUAL	AREA	5
610301.43	4206253.03	4531.75243	11.65	11.65	0	ANNUAL	AREA	5
610308.43	4206253.03	4684.14744	11.72	11.72	0	ANNUAL	AREA	5
610315.43	4206253.03	4844.63177	11.79	11.79	0	ANNUAL	AREA	5
610322.43	4206253.03	5014.2814	11.85	11.85	0	ANNUAL	AREA	5
610329.43	4206253.03	5192.9502	11.92	11.92	0	ANNUAL	AREA	5
610336.43	4206253.03	5382.19264	11.98	11.98	0	ANNUAL	AREA	5
610343.43	4206253.03	5584.37348	12	12	0	ANNUAL	AREA	5
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610357.43	4206253.03	6028.27067	12	12	0	ANNUAL	AREA	5
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610371.43	4206253.03	6529.75465	12	12	0	ANNUAL	AREA	5
610378.43	4206253.03	6805.37352	12	12	0	ANNUAL	AREA	5
610385.43	4206253.03	7099.65609	12	12	0	ANNUAL	AREA	5
610392.43	4206253.03	7414.43756	12	12	0	ANNUAL	AREA	5
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610406.43	4206253.03	8113.5425	12	12	0	ANNUAL	AREA	5
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610420.43	4206253.03	8922.17967	12	12	0	ANNUAL	AREA	5
610427.43	4206253.03	9375.14822	12	12	0	ANNUAL	AREA	5
610434.43	4206253.03	9865.41436	12	12	0	ANNUAL	AREA	5
610441.43	4206253.03	10397.43355	12	12	0	ANNUAL	AREA	5
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610455.43	4206253.03	11607.80307	12	12	0	ANNUAL	AREA	5
610462.43	4206253.03	12298.94839	12	12	0	ANNUAL	AREA	5

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610483.43	4206253.03	14819.10333	12	12	0	ANNUAL	AREA	5
610497.43	4206253.03	17007.2244	11.94	11.94	0	ANNUAL	AREA	5
610504.43	4206253.03	18302.27326	11.91	11.91	0	ANNUAL	AREA	5
610511.43	4206253.03	19766.41216	11.87	11.87	0	ANNUAL	AREA	5
610518.43	4206253.03	21425.23544	11.84	11.84	0	ANNUAL	AREA	5
610525.43	4206253.03	23321.02638	11.81	11.81	0	ANNUAL	AREA	5
610532.43	4206253.03	25507.28325	11.77	11.77	0	ANNUAL	AREA	5
610539.43	4206253.03	28040.36876	11.74	11.74	0	ANNUAL	AREA	5
610546.43	4206253.03	31011.51072	11.7	11.7	0	ANNUAL	AREA	5
610553.43	4206253.03	34518.70615	11.67	11.67	0	ANNUAL	AREA	5
610560.43	4206253.03	38723.51843	11.62	11.62	0	ANNUAL	AREA	5
610567.43	4206253.03	43815.33662	11.56	11.56	0	ANNUAL	AREA	5
610574.43	4206253.03	50049.19752	11.5	11.5	0	ANNUAL	AREA	5
610581.43	4206253.03	57778.82667	11.44	11.44	0	ANNUAL	AREA	5
610588.43	4206253.03	67502.29511	11.37	11.37	0	ANNUAL	AREA	5
610595.43	4206253.03	79838.06197	11.31	11.31	0	ANNUAL	AREA	5
610602.43	4206253.03	95582.75428	11.25	11.25	0	ANNUAL	AREA	5
610609.43	4206253.03	115254.0988	11.19	11.19	0	ANNUAL	AREA	5
610616.43	4206253.03	137306.39	11.13	11.13	0	ANNUAL	AREA	5
610770.43	4206253.03	315921.5126	9.1	9.1	0	ANNUAL	AREA	5
610777.43	4206253.03	297814.4424	9	9	0	ANNUAL	AREA	5
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610791.43	4206253.03	246408.72	9	9	0	ANNUAL	AREA	5
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610812.43	4206253.03	187162.3054	9	9	0	ANNUAL	AREA	5
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610847.43	4206253.03	129739.5735	9	9	0	ANNUAL	AREA	5
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610868.43	4206253.03	107717.9667	9	9	0	ANNUAL	AREA	5
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610882.43	4206253.03	96016.94332	9	9	0	ANNUAL	AREA	5
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610896.43	4206253.03	86059.09413	9	9	0	ANNUAL	AREA	5
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610910.43	4206253.03	77482.02351	9	9	0	ANNUAL	AREA	5
610917.43	4206253.03	73626.45646	9	9	0	ANNUAL	AREA	5
610924.43	4206253.03	70023.47645	9	9	0	ANNUAL	AREA	5
610931.43	4206253.03	66650.5976	9	9	0	ANNUAL	AREA	5
610938.43	4206253.03	63488.13989	9	9	0	ANNUAL	AREA	5
610966.43	4206253.03	52622.51465	9	9	0	ANNUAL	AREA	5
610973.43	4206253.03	50286.58385	9	9	0	ANNUAL	AREA	5
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610987.43	4206253.03	45997.33768	9	9	0	ANNUAL	AREA	5
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611008.43	4206253.03	40395.74399	9	9	0	ANNUAL	AREA	5
611029.43	4206253.03	35629.48282	9	9	0	ANNUAL	AREA	5
611036.43	4206253.03	34200.1767	9	9	0	ANNUAL	AREA	5
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611057.43	4206253.03	30325.98531	9	9	0	ANNUAL	AREA	5
611064.43	4206253.03	29159.17919	9	9	0	ANNUAL	AREA	5
611071.43	4206253.03	28048.77465	9	9	0	ANNUAL	AREA	5
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610294.43	4206260.03	4275.34473	11.54	11.54	0	ANNUAL	AREA	5
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610308.43	4206260.03	4560.44188	11.69	11.69	0	ANNUAL	AREA	5
610315.43	4206260.03	4714.45501	11.76	11.76	0	ANNUAL	AREA	5
610322.43	4206260.03	4876.33338	11.84	11.84	0	ANNUAL	AREA	5
610329.43	4206260.03	5047.48094	11.91	11.91	0	ANNUAL	AREA	5
610336.43	4206260.03	5228.22607	11.98	11.98	0	ANNUAL	AREA	5
610343.43	4206260.03	5421.69246	12	12	0	ANNUAL	AREA	5
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610357.43	4206260.03	5845.91752	12	12	0	ANNUAL	AREA	5
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610371.43	4206260.03	6324.40628	12	12	0	ANNUAL	AREA	5
610378.43	4206260.03	6587.10139	12	12	0	ANNUAL	AREA	5
610385.43	4206260.03	6867.27702	12	12	0	ANNUAL	AREA	5
610392.43	4206260.03	7166.62784	12	12	0	ANNUAL	AREA	5
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610441.43	4206260.03	9990.0658	12	12	0	ANNUAL	AREA	5
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610455.43	4206260.03	11129.25507	12	12	0	ANNUAL	AREA	5
610462.43	4206260.03	11778.3649	12	12	0	ANNUAL	AREA	5
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610476.43	4206260.03	13272.59827	12	12	0	ANNUAL	AREA	5
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610497.43	4206260.03	16173.86658	11.95	11.95	0	ANNUAL	AREA	5
610504.43	4206260.03	17374.99811	11.93	11.93	0	ANNUAL	AREA	5
610511.43	4206260.03	18730.29734	11.9	11.9	0	ANNUAL	AREA	5
610518.43	4206260.03	20266.14154	11.87	11.87	0	ANNUAL	AREA	5
610525.43	4206260.03	22015.12574	11.85	11.85	0	ANNUAL	AREA	5
610532.43	4206260.03	24029.38421	11.82	11.82	0	ANNUAL	AREA	5
610539.43	4206260.03	26364.75818	11.79	11.79	0	ANNUAL	AREA	5
610546.43	4206260.03	29093.08242	11.77	11.77	0	ANNUAL	AREA	5
610553.43	4206260.03	32324.52033	11.74	11.74	0	ANNUAL	AREA	5
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610567.43	4206260.03	40912.22684	11.63	11.63	0	ANNUAL	AREA	5
610574.43	4206260.03	46706.88232	11.56	11.56	0	ANNUAL	AREA	5
610581.43	4206260.03	53931.81136	11.49	11.49	0	ANNUAL	AREA	5
610588.43	4206260.03	63069.86774	11.42	11.42	0	ANNUAL	AREA	5
610596.6	4206262.53	75102.47096	11.35	11.35	0	ANNUAL	AREA	5
610602.43	4206260.03	89854.122	11.28	11.28	0	ANNUAL	AREA	5
610609.43	4206260.03	108882.2095	11.21	11.21	0	ANNUAL	AREA	5
610616.43	4206260.03	130329.6805	11.14	11.14	0	ANNUAL	AREA	5
610770.43	4206260.03	314102.2785	9.09	9.09	0	ANNUAL	AREA	5
610777.43	4206260.03	296244.0476	9	9	0	ANNUAL	AREA	5
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610791.43	4206260.03	245309.0496	9	9	0	ANNUAL	AREA	5
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610805.43	4206260.03	203272.8004	9	9	0	ANNUAL	AREA	5
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610840.43	4206260.03	138544.5795	9	9	0	ANNUAL	AREA	5
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610854.43	4206260.03	121699.7608	9	9	0	ANNUAL	AREA	5
610861.43	4206260.03	114459.8128	9	9	0	ANNUAL	AREA	5
610868.43	4206260.03	107861.9778	9	9	0	ANNUAL	AREA	5
610875.43	4206260.03	101821.6934	9	9	0	ANNUAL	AREA	5
610882.43	4206260.03	96268.85816	9	9	0	ANNUAL	AREA	5
610889.43	4206260.03	91144.96273	9	9	0	ANNUAL	AREA	5
610896.43	4206260.03	86401.54116	9	9	0	ANNUAL	AREA	5
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610973.43	4206260.03	50874.74593	9	9	0	ANNUAL	AREA	5
610980.43	4206260.03	48675.18447	9	9	0	ANNUAL	AREA	5
610987.43	4206260.03	46595.21867	9	9	0	ANNUAL	AREA	5
610994.43	4206260.03	44626.72167	9	9	0	ANNUAL	AREA	5
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611008.43	4206260.03	40995.18101	9	9	0	ANNUAL	AREA	5
611029.43	4206260.03	36218.66481	9	9	0	ANNUAL	AREA	5
611036.43	4206260.03	34783.92106	9	9	0	ANNUAL	AREA	5
611043.43	4206260.03	33420.0349	9	9	0	ANNUAL	AREA	5
611050.43	4206260.03	32122.90588	9	9	0	ANNUAL	AREA	5
611057.43	4206260.03	30888.67849	9	9	0	ANNUAL	AREA	5
611064.43	4206260.03	29713.65137	9	9	0	ANNUAL	AREA	5
611071.43	4206260.03	28594.61328	9	9	0	ANNUAL	AREA	5
610294.43	4206267.03	4165.48753	11.5	11.5	0	ANNUAL	AREA	5
610301.43	4206267.03	4298.75041	11.58	11.58	0	ANNUAL	AREA	5
610308.43	4206267.03	4438.8152	11.66	11.66	0	ANNUAL	AREA	5
610315.43	4206267.03	4586.13629	11.74	11.74	0	ANNUAL	AREA	5
610322.43	4206267.03	4741.23731	11.82	11.82	0	ANNUAL	AREA	5
610329.43	4206267.03	4904.74046	11.9	11.9	0	ANNUAL	AREA	5
610336.43	4206267.03	5077.19667	11.98	11.98	0	ANNUAL	AREA	5
610343.43	4206267.03	5262.17149	12	12	0	ANNUAL	AREA	5
610350.43	4206267.03	5458.91653	12	12	0	ANNUAL	AREA	5
610357.43	4206267.03	5667.35711	12	12	0	ANNUAL	AREA	5
610364.43	4206267.03	5888.5743	12	12	0	ANNUAL	AREA	5
610371.43	4206267.03	6123.63885	12	12	0	ANNUAL	AREA	5
610378.43	4206267.03	6373.72859	12	12	0	ANNUAL	AREA	5
610385.43	4206267.03	6640.25859	12	12	0	ANNUAL	AREA	5
610392.43	4206267.03	6924.72066	12	12	0	ANNUAL	AREA	5
610399.43	4206267.03	7228.90186	12	12	0	ANNUAL	AREA	5
610406.43	4206267.03	7554.62742	12	12	0	ANNUAL	AREA	5
610413.43	4206267.03	7904.09094	12	12	0	ANNUAL	AREA	5
610420.43	4206267.03	8279.76533	12	12	0	ANNUAL	AREA	5
610427.43	4206267.03	8684.46122	12	12	0	ANNUAL	AREA	5
610434.43	4206267.03	9121.36564	12	12	0	ANNUAL	AREA	5
610441.43	4206267.03	9594.1075	12	12	0	ANNUAL	AREA	5
610448.43	4206267.03	10106.91271	12	12	0	ANNUAL	AREA	5
610455.43	4206267.03	10664.69675	12	12	0	ANNUAL	AREA	5
610462.43	4206267.03	11273.13943	12	12	0	ANNUAL	AREA	5
610469.43	4206267.03	11938.90622	12	12	0	ANNUAL	AREA	5
610476.43	4206267.03	12669.83702	12	12	0	ANNUAL	AREA	5
610483.43	4206267.03	13475.41126	12	12	0	ANNUAL	AREA	5
610497.43	4206267.03	15363.90965	11.97	11.97	0	ANNUAL	AREA	5
610504.43	4206267.03	16475.7961	11.95	11.95	0	ANNUAL	AREA	5
610511.43	4206267.03	17725.09183	11.93	11.93	0	ANNUAL	AREA	5
610518.43	4206267.03	19137.37121	11.91	11.91	0	ANNUAL	AREA	5
610525.43	4206267.03	20744.75846	11.89	11.89	0	ANNUAL	AREA	5
610532.43	4206267.03	22588.56554	11.87	11.87	0	ANNUAL	AREA	5
610539.43	4206267.03	24721.67209	11.85	11.85	0	ANNUAL	AREA	5
610546.43	4206267.03	27213.72038	11.83	11.83	0	ANNUAL	AREA	5
610553.43	4206267.03	30157.09715	11.81	11.81	0	ANNUAL	AREA	5
610560.43	4206267.03	33688.93251	11.77	11.77	0	ANNUAL	AREA	5
610567.43	4206267.03	38001.76825	11.69	11.69	0	ANNUAL	AREA	5
610574.43	4206267.03	43315.9149	11.61	11.61	0	ANNUAL	AREA	5
610581.43	4206267.03	49959.75112	11.54	11.54	0	ANNUAL	AREA	5
610588.43	4206267.03	58431.03026	11.46	11.46	0	ANNUAL	AREA	5
610595.43	4206267.03	69379.10058	11.38	11.38	0	ANNUAL	AREA	5
610602.43	4206267.03	83604.05793	11.31	11.31	0	ANNUAL	AREA	5
610609.43	4206267.03	101784.3825	11.23	11.23	0	ANNUAL	AREA	5
610616.43	4206267.03	122391.3188	11.16	11.16	0	ANNUAL	AREA	5
610770.43	4206267.03	312102.0293	9.09	9.09	0	ANNUAL	AREA	5
610777.43	4206267.03	294392.7837	9	9	0	ANNUAL	AREA	5
610784.43	4206267.03	269256.8855	9	9	0	ANNUAL	AREA	5
610791.43	4206267.03	243951.5453	9	9	0	ANNUAL	AREA	5
610798.43	4206267.03	221483.2143	9	9	0	ANNUAL	AREA	5
610805.43	4206267.03	202323.5717	9	9	0	ANNUAL	AREA	5
610812.43	4206267.03	185812.7231	9	9	0	ANNUAL	AREA	5
610840.43	4206267.03	138200.0885	9	9	0	ANNUAL	AREA	5
610847.43	4206267.03	129425.3888	9	9	0	ANNUAL	AREA	5
610854.43	4206267.03	121519.2757	9	9	0	ANNUAL	AREA	5
610861.43	4206267.03	114352.9603	9	9	0	ANNUAL	AREA	5

610868.43	4206267.03	107823.3076	9	9	0	ANNUAL	AREA	S
610875.43	4206267.03	101846.2007	9	9	0	ANNUAL	AREA	S
610882.43	4206267.03	96352.20305	9	9	0	ANNUAL	AREA	S
610889.43	4206267.03	91282.74084	9	9	0	ANNUAL	AREA	S
610896.43	4206267.03	86589.75882	9	9	0	ANNUAL	AREA	S
610903.43	4206267.03	82232.17818	9	9	0	ANNUAL	AREA	S
610910.43	4206267.03	78175.40032	9	9	0	ANNUAL	AREA	S
610917.43	4206267.03	74389.58053	9	9	0	ANNUAL	AREA	S
610952.43	4206267.03	58735.5852	9	9	0	ANNUAL	AREA	S
610994.43	4206267.03	45150.47754	9	9	0	ANNUAL	AREA	S
611001.43	4206267.03	43290.80306	9	9	0	ANNUAL	AREA	S
611008.43	4206267.03	41526.73181	9	9	0	ANNUAL	AREA	S
611029.43	4206267.03	36750.85777	9	9	0	ANNUAL	AREA	S
611036.43	4206267.03	35313.97336	9	9	0	ANNUAL	AREA	S
611043.43	4206267.03	33946.88791	9	9	0	ANNUAL	AREA	S
611050.43	4206267.03	32645.77743	9	9	0	ANNUAL	AREA	S
611057.43	4206267.03	31406.70517	9	9	0	ANNUAL	AREA	S
611064.43	4206267.03	30226.23701	9	9	0	ANNUAL	AREA	S
611071.43	4206267.03	29101.07759	9	9	0	ANNUAL	AREA	S
610294.43	4206274.03	4057.44392	11.46	11.46	0	ANNUAL	AREA	S
610301.43	4206274.03	4185.33834	11.54	11.54	0	ANNUAL	AREA	S
610308.43	4206274.03	4319.29417	11.63	11.63	0	ANNUAL	AREA	S
610315.43	4206274.03	4460.10294	11.72	11.72	0	ANNUAL	AREA	S
610322.43	4206274.03	4608.25372	11.81	11.81	0	ANNUAL	AREA	S
610329.43	4206274.03	4764.68675	11.89	11.89	0	ANNUAL	AREA	S
610336.43	4206274.03	4929.17252	11.98	11.98	0	ANNUAL	AREA	S
610343.43	4206274.03	5105.93763	12	12	0	ANNUAL	AREA	S
610350.43	4206274.03	5293.80629	12	12	0	ANNUAL	AREA	S
610357.43	4206274.03	5492.74835	12	12	0	ANNUAL	AREA	S
610364.43	4206274.03	5703.59456	12	12	0	ANNUAL	AREA	S
610371.43	4206274.03	5927.45709	12	12	0	ANNUAL	AREA	S
610378.43	4206274.03	6165.44921	12	12	0	ANNUAL	AREA	S
610385.43	4206274.03	6418.8167	12	12	0	ANNUAL	AREA	S
610392.43	4206274.03	6688.94106	12	12	0	ANNUAL	AREA	S
610399.43	4206274.03	6977.42176	12	12	0	ANNUAL	AREA	S
610406.43	4206274.03	7286.00112	12	12	0	ANNUAL	AREA	S
610413.43	4206274.03	7616.67487	12	12	0	ANNUAL	AREA	S
610420.43	4206274.03	7971.68052	12	12	0	ANNUAL	AREA	S
610427.43	4206274.03	8353.55331	12	12	0	ANNUAL	AREA	S
610434.43	4206274.03	8765.27251	12	12	0	ANNUAL	AREA	S
610441.43	4206274.03	9209.95987	12	12	0	ANNUAL	AREA	S
610448.43	4206274.03	9691.65456	12	12	0	ANNUAL	AREA	S
610455.43	4206274.03	10214.59499	12	12	0	ANNUAL	AREA	S
610462.43	4206274.03	10783.95593	12	12	0	ANNUAL	AREA	S
610469.43	4206274.03	11405.78832	12	12	0	ANNUAL	AREA	S
610476.43	4206274.03	12087.07721	12	12	0	ANNUAL	AREA	S
610483.43	4206274.03	12836.18235	12	12	0	ANNUAL	AREA	S
610497.43	4206274.03	14584.0625	11.98	11.98	0	ANNUAL	AREA	S
610504.43	4206274.03	15608.10269	11.97	11.97	0	ANNUAL	AREA	S
610511.43	4206274.03	16755.30244	11.96	11.96	0	ANNUAL	AREA	S
610518.43	4206274.03	18050.8803	11.94	11.94	0	ANNUAL	AREA	S
610525.43	4206274.03	19518.06372	11.93	11.93	0	ANNUAL	AREA	S
610532.43	4206274.03	21195.6126	11.92	11.92	0	ANNUAL	AREA	S
610539.43	4206274.03	23130.21092	11.91	11.91	0	ANNUAL	AREA	S
610546.43	4206274.03	25383.35973	11.9	11.9	0	ANNUAL	AREA	S
610553.43	4206274.03	28041.93876	11.88	11.88	0	ANNUAL	AREA	S
610560.43	4206274.03	31225.81946	11.84	11.84	0	ANNUAL	AREA	S
610567.43	4206274.03	35110.35819	11.76	11.76	0	ANNUAL	AREA	S
610574.43	4206274.03	39906.70479	11.67	11.67	0	ANNUAL	AREA	S
610581.43	4206274.03	45917.88138	11.59	11.59	0	ANNUAL	AREA	S
610588.43	4206274.03	53621.65529	11.5	11.5	0	ANNUAL	AREA	S
610595.43	4206270.91	66239.49539	11.4	11.4	0	ANNUAL	AREA	S
610601.49	4206272.08	76742.3373	11.34	11.34	0	ANNUAL	AREA	S
610609.43	4206274.03	93897.7936	11.25	11.25	0	ANNUAL	AREA	S
610616.43	4206274.03	113406.9517	11.17	11.17	0	ANNUAL	AREA	S
610770.43	4206274.03	3096777.7627	9.09	9.09	0	ANNUAL	AREA	S
610777.43	4206274.03	292181.3579	9	9	0	ANNUAL	AREA	S
610784.43	4206274.03	267304.6202	9	9	0	ANNUAL	AREA	S
610791.43	4206274.03	242278.139	9	9	0	ANNUAL	AREA	S
610798.43	4206274.03	220031.5107	9	9	0	ANNUAL	AREA	S
610805.43	4206274.03	201072.8669	9	9	0	ANNUAL	AREA	S
610812.43	4206274.03	184730.4915	9	9	0	ANNUAL	AREA	S
610840.43	4206274.03	137607.6641	9	9	0	ANNUAL	AREA	S
610847.43	4206274.03	128930.1874	9	9	0	ANNUAL	AREA	S
610854.43	4206274.03	121114.0935	9	9	0	ANNUAL	AREA	S
610861.43	4206274.03	114032.6965	9	9	0	ANNUAL	AREA	S
610868.43	4206274.03	107582.2105	9	9	0	ANNUAL	AREA	S
610875.43	4206274.03	101678.7131	9	9	0	ANNUAL	AREA	S
610882.43	4206274.03	96253.11501	9	9	0	ANNUAL	AREA	S
610889.43	4206274.03	91247.5704	9	9	0	ANNUAL	AREA	S
610896.43	4206274.03	86613.34621	9	9	0	ANNUAL	AREA	S
610903.43	4206274.03	82309.9707	9	9	0	ANNUAL	AREA	S
610910.43	4206274.03	78302.99624	9	9	0	ANNUAL	AREA	S
610917.43	4206274.03	74562.66075	9	9	0	ANNUAL	AREA	S
610952.43	4206274.03	59078.48406	9	9	0	ANNUAL	AREA	S
610959.43	4206274.03	56505.1121	9	9	0	ANNUAL	AREA	S
611029.43	4206274.03	37223.93847	9	9	0	ANNUAL	AREA	S
611036.43	4206274.03	35788.08561	9	9	0	ANNUAL	AREA	S
611043.43	4206274.03	34421.18687	9	9	0	ANNUAL	AREA	S
611050.43	4206274.03	33119.03916	9	9	0	ANNUAL	AREA	S
611057.43	4206274.03	31878.01123	9	9	0	ANNUAL	AREA	S
611064.43	4206274.03	30694.79242	9	9	0	ANNUAL	AREA	S
611071.43	4206274.03	29566.11064	9	9	0	ANNUAL	AREA	S
610294.43	4206281.03	3951.63777	11.41	11.41	0	ANNUAL	AREA	S
610301.43	4206281.03	4073.62719	11.51	11.51	0	ANNUAL	AREA	S
610308.43	4206281.03	4202.05416	11.6	11.6	0	ANNUAL	AREA	S
610315.43	4206281.03	4336.56687	11.7	11.7	0	ANNUAL	AREA	S
610322.43	4206281.03	4478.35702	11.79	11.79	0	ANNUAL	AREA	S
610329.43	4206281.03	4627.19197	11.89	11.89	0	ANNUAL	AREA	S
610336.43	4206281.03	4784.40229	11.98	11.98	0	ANNUAL	AREA	S
610343.43	4206281.03	4953.24448	12	12	0	ANNUAL	AREA	S
610350.43	4206281.03	5132.5239	12	12	0	ANNUAL	AREA	S
610357.43	4206281.03	5322.1973	12	12	0	ANNUAL	AREA	S
610364.43	4206281.03	5523.10211	12	12	0	ANNUAL	AREA	S
610371.43	4206281.03	5736.15398	12	12	0	ANNUAL	AREA	S
610378.43	4206281.03	5962.4624	12	12	0	ANNUAL	AREA	S
610385.43	4206281.03	6203.11331	12	12	0	ANNUAL	AREA	S
610392.43	4206281.03	6459.43178	12	12	0	ANNUAL	AREA	S
610399.43	4206281.03	6732.8413	12	12	0	ANNUAL	AREA	S
610406.43	4206281.03	7024.91503	12	12	0	ANNUAL	AREA	S
610413.43	4206281.03	7337.51822	12	12	0	ANNUAL	AREA	S
610420.43	4206281.03	7672.656	12	12	0	ANNUAL	AREA	S
610427.43	4206281.03	8032.66303	12	12	0	ANNUAL	AREA	S
610434.43	4206281.03	8420.09054	12	12	0	ANNUAL	AREA	S
610441.43	4206281.03	8838.02973	12	12	0	ANNUAL	AREA	S
610448.43	4206281.03	9288.81446	12	12	0	ANNUAL	AREA	S
610455.43	4206281.03	9779.46561	12	12	0	ANNUAL	AREA	S
610462.43	4206281.03	10311.51429	12	12	0	ANNUAL	AREA	S
610469.43	4206281.03	10891.31783	12	12	0	ANNUAL	AREA	S
610476.43	4206281.03	11525.12135	12	12	0	ANNUAL	AREA	S
610483.43	4206281.03	12220.38339	12	12	0	ANNUAL	AREA	S
610497.43	4206281.03	13834.2159	11.99	11.99	0	ANNUAL	AREA	S
610504.43	4206281.03	14774.56822	11.99	11.99	0	ANNUAL	AREA	S
610511.43	4206281.03	15826.72594	11.98	11.98	0	ANNUAL	AREA	S
610518.43	4206281.03	17005.93278	11.98	11.98	0	ANNUAL	AREA	S
610525.43	4206281.03	18341.66084	11.97	11.97	0	ANNUAL	AREA	S
610532.43	4206281.03	19859.69988	11.97	11.97	0	ANNUAL	AREA	S
610539.43	4206281.03	21606.56836	11.96	11.96	0	ANNUAL	AREA	S
610546.43	4206281.03	23628.36588	11.96	11.96	0	ANNUAL	AREA	S
610553.43	4206281.03	26003.60794	11.95	11.95	0	ANNUAL	AREA	S
610560.43	4206281.03	28841.51146	11.91	11.91	0	ANNUAL	AREA	S
610567.43	4206281.03	32298.76472	11.82	11.82	0	ANNUAL	AREA	S
610574.43	4206281.03	36549.57202	11.73	11.73	0	ANNUAL	AREA	S
610581.43	4206281.03	41881.44872	11.64	11.64	0	ANNUAL	AREA	S
610588.43	4206281.03	48714.48397	11.55	11.55	0	ANNUAL	AREA	S
610595.43	4206281.03	57684.01043	11.45	11.45	0	ANNUAL	AREA	S
610602.43	4206281.03	69590.08468	11.36	11.36	0	ANNUAL	AREA	S
610609.43	4206281.03	85881.30479	11.27	11.27	0	ANNUAL	AREA	S
610615.78	4206280.92	101774.2052	11.19	11.19	0	ANNUAL	AREA	S
610770.43	4206281.03	306713.7554	9.09	9.09	0	ANNUAL	AREA	S
610777.43	4206281.03	289502.0251	9	9	0	ANNUAL	AREA	S
610784.43	4206281.03	264911.3211	9	9	0	ANNUAL	AREA	S
610791.43	4206281.03	240177.2028	9	9	0	ANNUAL	AREA	S
610798.43	4206281.03	218165.0098	9	9	0	ANNUAL	AREA	S
610805.43	4206281.03	199421.8498	9	9	0	ANNUAL	AREA	S
610812.43	4206281.03	183267.5654	9	9	0	ANNUAL	AREA	S
610840.43	4206281.03	136716.9247	9	9	0	ANNUAL	AREA	S
610847.43	4206281.03	128156.5788	9	9	0	ANNUAL	AREA	S
610854.43	4206281.03	120449.9807	9	9	0	ANNUAL	AREA	S
610861.43	4206281.03	113470.1194	9	9	0	ANNUAL	AREA	S
610868.43	4206281.03	107114.3039	9	9	0	ANNUAL	AREA	S
610875.43	4206281.03	101298.8562	9	9	0	ANNUAL	AREA	S
610882.43	4206281.03	95954.75097	9	9	0	ANNUAL	AREA	S
610889.43	4206281.03	91024.66036	9	9	0	ANNUAL	AREA	S
610896.43	4206281.03	86460.16891	9	9	0	ANNUAL	AREA	S
610903.43	4206281.03	82221.17949	9	9	0	ANNUAL	AREA	S
610910.43	4206281.03	78273.21266	9	9	0	ANNUAL	AREA	S
610917.43	4206281.03	74586.99888	9	9	0	ANNUAL	AREA	S
610924.43	4206281.03	71137.39321	9	9	0	ANNUAL	AREA	S
610931.43	4206281.03	67902.50789	9	9	0	ANNUAL	AREA	S
610938.43	4206281.03	64863.38338	9	9	0	ANNUAL	AREA	S
610945.43	4206281.03	62003.46773	9	9	0	ANNUAL	AREA	S
610952.43	4206281.03	59308.31241	9	9	0	ANNUAL	AREA	S
610959.43	4206281.03	56764.7314	9	9	0	ANNUAL	AREA	S
610966.43	4206281.03	54361.41997	9	9	0	ANNUAL	AREA	S
610973.43	4206281.03	52087.92368	9	9	0	ANNUAL	AREA	S
610980.43	4206281.03	49935.29573	9	9	0	ANNUAL	AREA	S
610987.43	4206281.03	47894.8991	9	9	0	ANNUAL	AREA	S
610994.43	4206281.03	45959.4755	9	9	0	ANNUAL	AREA	S
611029.43	4206281.03	37635.52306	9	9	0	ANNUAL	AREA	S
611036.43	4206281.03	36204.4289	9	9	0	ANNUAL	AREA	S
611043.43	4206281.03	34840.74122	9	9	0	ANNUAL	AREA	S
611050.43	4206281.03	33540.63995	9	9	0	ANNUAL	AREA	S
611057.43	4206281.03	32300.65984	9	9	0	ANNUAL	AREA	S
611064.43	4206281.03	31117.445	9	9	0	ANNUAL	AREA	S
611071.43	4206281.03	29987.92359	9	9	0	ANNUAL	AREA	S
610294.43	4206288.03	3846.11894	11.41	11.41	0	ANNUAL	AREA	S
610301.43	4206288.03	3963.40364	11.5	11.5	0	ANNUAL	AREA	S
610308.43	4206288.03	4086.08492	11.6	11.6	0	ANNUAL	AREA	S
610315.43	4206288.03	4215.17847	11.69	11.69	0	ANNUAL	AREA	S
610322.43	4206288.03	4350.47184	11.79	11.79	0	ANNUAL	AREA	S
610329.43	4206288.03	4492.72208	11.89	11.89	0	ANNUAL	AREA	S
610336.43	4206288.03	4642.85218	11.98	11.98	0	ANNUAL	AREA	S
610343.43	4206288.03	4804.01186	12	12	0	ANNUAL	AREA	S
610350.43	4206288.03	4975.02916	12	12	0	ANNUAL	AREA	S
610357.43	4206288.03	5155.77336	12	12	0	ANNUAL	AREA	S
610364.43	4206288.03	5347.07107	12	12	0	ANNUAL	AREA	S
610371.43	4206288.03	5549.7392	12	12	0	ANNUAL	AREA	S
610378.43	4206288.03	5764.75896	12	12	0	ANNUAL	AREA	S
610385.43	4206288.03	5993.22035	12	12	0	ANNUAL	AREA	S
610392.43	4206288.03	6236.24906	12	12	0	ANNUAL	AREA	S
610399.43	4206288.03	6495.14065	12	12	0	ANNUAL	AREA	S
610406.43	4206288.03	6771.41497	12	12	0	ANNUAL	AREA	S
610413.43	4206288.03	7066.70742	12	12	0	ANNUAL	AREA	S
610420.43	4206288.03	7382.82004	12	12	0	ANNUAL	AREA	S
610427.43	4206288.03	7721.82543	12	12	0	ANNUAL	AREA	S

610434.43	4206288.03	8086.19303	12	12	0	ANNUAL	AREA	5
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610448.43	4206288.03	8901.75871	12	12	0	ANNUAL	AREA	5
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610462.43	4206288.03	9856.1485	12	12	0	ANNUAL	AREA	5
610469.43	4206288.03	10395.96866	12	12	0	ANNUAL	AREA	5
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610497.43	4206288.03	13115.7342	12	12	0	ANNUAL	AREA	5
610504.43	4206288.03	13978.90876	12	12	0	ANNUAL	AREA	5
610511.43	4206288.03	14939.28219	12	12	0	ANNUAL	AREA	5
610518.43	4206288.03	16013.56027	12	12	0	ANNUAL	AREA	5
610525.43	4206288.03	17222.86948	12	12	0	ANNUAL	AREA	5
610532.43	4206288.03	18593.61428	12	12	0	ANNUAL	AREA	5
610539.43	4206288.03	20159.89658	12	12	0	ANNUAL	AREA	5
610546.43	4206288.03	21966.3993	12	12	0	ANNUAL	AREA	5
610553.43	4206288.03	24072.18	12	12	0	ANNUAL	AREA	5
610560.43	4206288.03	26577.6767	11.96	11.96	0	ANNUAL	AREA	5
610567.43	4206288.03	29617.56431	11.86	11.86	0	ANNUAL	AREA	5
610574.43	4206288.03	33326.25331	11.77	11.77	0	ANNUAL	AREA	5
610581.43	4206288.03	37961.81603	11.67	11.67	0	ANNUAL	AREA	5
610588.43	4206288.03	43871.02273	11.58	11.58	0	ANNUAL	AREA	5
610595.43	4206288.03	51625.43189	11.48	11.48	0	ANNUAL	AREA	5
610603.83	4206287.38	65176.17334	11.37	11.37	0	ANNUAL	AREA	5
610609.43	4206288.03	75681.71747	11.29	11.29	0	ANNUAL	AREA	5
610615.78	4206287.92	90491.90123	11.2	11.2	0	ANNUAL	AREA	5
610770.43	4206288.03	303018.824	9.09	9.09	0	ANNUAL	AREA	5
610777.43	4206288.03	286159.3487	9	9	0	ANNUAL	AREA	5
610784.43	4206288.03	261883.9651	9	9	0	ANNUAL	AREA	5
610791.43	4206288.03	237461.6792	9	9	0	ANNUAL	AREA	5
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610805.43	4206288.03	197217.467	9	9	0	ANNUAL	AREA	5
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610840.43	4206288.03	135466.2654	9	9	0	ANNUAL	AREA	5
610847.43	4206288.03	127054.5977	9	9	0	ANNUAL	AREA	5
610854.43	4206288.03	119485.0177	9	9	0	ANNUAL	AREA	5
610861.43	4206288.03	112631.5769	9	9	0	ANNUAL	AREA	5
610868.43	4206288.03	106392.1162	9	9	0	ANNUAL	AREA	5
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610882.43	4206288.03	95438.01294	9	9	0	ANNUAL	AREA	5
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610910.43	4206288.03	78077.00211	9	9	0	ANNUAL	AREA	5
610917.43	4206288.03	74451.07521	9	9	0	ANNUAL	AREA	5
610924.43	4206288.03	71064.15952	9	9	0	ANNUAL	AREA	5
610931.43	4206288.03	67882.71261	9	9	0	ANNUAL	AREA	5
610938.43	4206288.03	64892.42078	9	9	0	ANNUAL	AREA	5
610945.43	4206288.03	62076.78772	9	9	0	ANNUAL	AREA	5
610952.43	4206288.03	59421.52133	9	9	0	ANNUAL	AREA	5
610959.43	4206288.03	56914.11296	9	9	0	ANNUAL	AREA	5
610966.43	4206288.03	54543.31336	9	9	0	ANNUAL	AREA	5
610973.43	4206288.03	52298.95018	9	9	0	ANNUAL	AREA	5
610980.43	4206288.03	50172.21721	9	9	0	ANNUAL	AREA	5
610987.43	4206288.03	48154.99792	9	9	0	ANNUAL	AREA	5
610994.43	4206288.03	46239.85636	9	9	0	ANNUAL	AREA	5
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611008.43	4206288.03	42690.29462	9	9	0	ANNUAL	AREA	5
611036.43	4206288.03	36560.9581	9	9	0	ANNUAL	AREA	5
611043.43	4206288.03	35203.83169	9	9	0	ANNUAL	AREA	5
611050.43	4206288.03	33908.93554	9	9	0	ANNUAL	AREA	5
611057.43	4206288.03	32672.9889	9	9	0	ANNUAL	AREA	5
611064.43	4206288.03	31492.54868	9	9	0	ANNUAL	AREA	5
611071.43	4206288.03	30364.76218	9	9	0	ANNUAL	AREA	5
611078.43	4206288.03	29286.86665	9	9	0	ANNUAL	AREA	5
611085.43	4206288.03	28256.20813	9	9	0	ANNUAL	AREA	5
611092.43	4206288.03	27270.4062	9	9	0	ANNUAL	AREA	5
610294.43	4206295.03	3742.60899	11.41	11.41	0	ANNUAL	AREA	5
610301.43	4206295.03	3854.9678	11.5	11.5	0	ANNUAL	AREA	5
610308.43	4206295.03	3972.40768	11.6	11.6	0	ANNUAL	AREA	5
610315.43	4206295.03	4095.6366	11.7	11.7	0	ANNUAL	AREA	5
610322.43	4206295.03	4225.31599	11.79	11.79	0	ANNUAL	AREA	5
610329.43	4206295.03	4361.21631	11.89	11.89	0	ANNUAL	AREA	5
610336.43	4206295.03	4504.53902	11.98	11.98	0	ANNUAL	AREA	5
610343.43	4206295.03	4658.32966	12	12	0	ANNUAL	AREA	5
610350.43	4206295.03	4821.37324	12	12	0	ANNUAL	AREA	5
610357.43	4206295.03	4993.57298	12	12	0	ANNUAL	AREA	5
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610378.43	4206295.03	5572.52919	12	12	0	ANNUAL	AREA	5
610385.43	4206295.03	5789.2358	12	12	0	ANNUAL	AREA	5
610392.43	4206295.03	6019.5206	12	12	0	ANNUAL	AREA	5
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610406.43	4206295.03	6525.67658	12	12	0	ANNUAL	AREA	5
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610427.43	4206295.03	7421.38083	12	12	0	ANNUAL	AREA	5
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610462.43	4206295.03	9418.14289	12	12	0	ANNUAL	AREA	5
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610476.43	4206295.03	10466.14765	12	12	0	ANNUAL	AREA	5
610483.43	4206295.03	11061.97443	12	12	0	ANNUAL	AREA	5
610497.43	4206295.03	12431.0425	12	12	0	ANNUAL	AREA	5
610504.43	4206295.03	13221.88289	12	12	0	ANNUAL	AREA	5
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610525.43	4206295.03	16169.09423	12	12	0	ANNUAL	AREA	5
610532.43	4206295.03	17403.2296	12	12	0	ANNUAL	AREA	5
610539.43	4206295.03	18805.46072	12	12	0	ANNUAL	AREA	5
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610553.43	4206295.03	22273.23125	12	12	0	ANNUAL	AREA	5
610560.43	4206295.03	24470.29712	11.96	11.96	0	ANNUAL	AREA	5
610567.43	4206295.03	27114.29403	11.86	11.86	0	ANNUAL	AREA	5
610574.43	4206295.03	30398.86782	11.77	11.77	0	ANNUAL	AREA	5
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610588.43	4206295.03	39256.39092	11.57	11.57	0	ANNUAL	AREA	5
610595.43	4206295.03	45729.64785	11.48	11.48	0	ANNUAL	AREA	5
610603.83	4206294.38	57139.18618	11.36	11.36	0	ANNUAL	AREA	5
610609.43	4206295.03	65727.46122	11.29	11.29	0	ANNUAL	AREA	5
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610777.43	4206295.03	282435.9294	9.07	9.07	0	ANNUAL	AREA	5
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610791.43	4206295.03	234005.4015	9.05	9.05	0	ANNUAL	AREA	5
610798.43	4206295.03	212538.2785	9.05	9.05	0	ANNUAL	AREA	5
610805.43	4206295.03	194306.3889	9.04	9.04	0	ANNUAL	AREA	5
610812.43	4206295.03	178664.0087	9.03	9.03	0	ANNUAL	AREA	5
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610847.43	4206295.03	125567.6393	9	9	0	ANNUAL	AREA	5
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610882.43	4206295.03	94683.14409	9	9	0	ANNUAL	AREA	5
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610924.43	4206295.03	70837.25568	9	9	0	ANNUAL	AREA	5
610931.43	4206295.03	67719.00655	9	9	0	ANNUAL	AREA	5
610938.43	4206295.03	64786.01242	9	9	0	ANNUAL	AREA	5
610945.43	4206295.03	62022.56745	9	9	0	ANNUAL	AREA	5
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610987.43	4206295.03	48324.62347	9	9	0	ANNUAL	AREA	5
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611064.43	4206295.03	31818.49932	9	9	0	ANNUAL	AREA	5
611071.43	4206295.03	30695.2211	9	9	0	ANNUAL	AREA	5
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610308.43	4206302.03	3861.33216	11.6	11.6	0	ANNUAL	AREA	5
610315.43	4206302.03	3979.15386	11.7	11.7	0	ANNUAL	AREA	5
610322.43	4206302.03	4103.10635	11.79	11.79	0	ANNUAL	AREA	5
610329.43	4206302.03	4232.90427	11.89	11.89	0	ANNUAL	AREA	5
610336.43	4206302.03	4369.66824	11.98	11.98	0	ANNUAL	AREA	5
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610476.43	4206302.03	9969.72072	12	12	0	ANNUAL	AREA	5
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610777.43	4206302.03	277002.8728	9.14	9.14	0	ANNUAL	AREA	5
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610798.43	4206302.03	208155.4938	9.1	9.1	0	ANNUAL	AREA	5
610805.43	4206302.03	190318.3323	9.09	9.09	0	ANNUAL	AREA	5
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610896.43	4206302.03	84810.0565	9	9	0	ANNUAL	AREA	S
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610931.43	4206302.03	67405.94352	9	9	0	ANNUAL	AREA	S
610938.43	4206302.03	64539.87607	9	9	0	ANNUAL	AREA	S
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610966.43	4206302.03	54583.47361	9	9	0	ANNUAL	AREA	S
610973.43	4206302.03	52415.38587	9	9	0	ANNUAL	AREA	S
610980.43	4206302.03	50357.34156	9	9	0	ANNUAL	AREA	S
610987.43	4206302.03	48401.93114	9	9	0	ANNUAL	AREA	S
610994.43	4206302.03	46542.38701	9	9	0	ANNUAL	AREA	S
611001.43	4206302.03	44772.47765	9	9	0	ANNUAL	AREA	S
611008.43	4206302.03	43086.72616	9	9	0	ANNUAL	AREA	S
611036.43	4206302.03	37088.64653	9	9	0	ANNUAL	AREA	S
611043.43	4206302.03	35754.60757	9	9	0	ANNUAL	AREA	S
611050.43	4206302.03	34479.67622	9	9	0	ANNUAL	AREA	S
611057.43	4206302.03	33260.45166	9	9	0	ANNUAL	AREA	S
611064.43	4206302.03	32094.25418	9	9	0	ANNUAL	AREA	S
611071.43	4206302.03	30978.10766	9	9	0	ANNUAL	AREA	S
611078.43	4206302.03	29909.57233	9	9	0	ANNUAL	AREA	S
611085.43	4206302.03	28886.19754	9	9	0	ANNUAL	AREA	S
611092.43	4206302.03	27905.78417	9	9	0	ANNUAL	AREA	S
610770.43	4206309.03	285313.6834	9.31	9.31	0	ANNUAL	AREA	S
610777.43	4206309.03	268596.4992	9.22	9.22	0	ANNUAL	AREA	S
610784.43	4206309.03	245017.6418	9.2	9.2	0	ANNUAL	AREA	S
610791.43	4206309.03	221990.3876	9.17	9.17	0	ANNUAL	AREA	S
610798.43	4206309.03	201977.0821	9.15	9.15	0	ANNUAL	AREA	S
610805.43	4206309.03	184801.621	9.13	9.13	0	ANNUAL	AREA	S
610812.43	4206309.03	170409.2303	9.11	9.11	0	ANNUAL	AREA	S
610840.43	4206309.03	128854.2567	9.03	9.03	0	ANNUAL	AREA	S
610847.43	4206309.03	121217.8741	9.01	9.01	0	ANNUAL	AREA	S
610854.43	4206309.03	114337.8191	9	9	0	ANNUAL	AREA	S
610861.43	4206309.03	108099.374	9	9	0	ANNUAL	AREA	S
610868.43	4206309.03	102408.4031	9	9	0	ANNUAL	AREA	S
610875.43	4206309.03	97190.93454	9	9	0	ANNUAL	AREA	S
610882.43	4206309.03	92386.2745	9	9	0	ANNUAL	AREA	S
610889.43	4206309.03	87944.05025	9	9	0	ANNUAL	AREA	S
610896.43	4206309.03	83822.04921	9	9	0	ANNUAL	AREA	S
610903.43	4206309.03	79984.60499	9	9	0	ANNUAL	AREA	S
610910.43	4206309.03	76401.58617	9	9	0	ANNUAL	AREA	S
610917.43	4206309.03	73047.32967	9	9	0	ANNUAL	AREA	S
610924.43	4206309.03	69899.60952	9	9	0	ANNUAL	AREA	S
610931.43	4206309.03	66939.42424	9	9	0	ANNUAL	AREA	S
610938.43	4206309.03	64150.18822	9	9	0	ANNUAL	AREA	S
610945.43	4206309.03	61517.32059	9	9	0	ANNUAL	AREA	S
610952.43	4206309.03	59028.18835	9	9	0	ANNUAL	AREA	S
610959.43	4206309.03	56671.42557	9	9	0	ANNUAL	AREA	S
610966.43	4206309.03	54437.26508	9	9	0	ANNUAL	AREA	S
610973.43	4206309.03	52316.66462	9	9	0	ANNUAL	AREA	S
610980.43	4206309.03	50301.84655	9	9	0	ANNUAL	AREA	S
610987.43	4206309.03	48385.52875	9	9	0	ANNUAL	AREA	S
610994.43	4206309.03	46561.40061	9	9	0	ANNUAL	AREA	S
611001.43	4206309.03	44823.5053	9	9	0	ANNUAL	AREA	S
611008.43	4206309.03	43166.58034	9	9	0	ANNUAL	AREA	S
611036.43	4206309.03	37257.265	9	9	0	ANNUAL	AREA	S
611043.43	4206309.03	35939.91091	9	9	0	ANNUAL	AREA	S
611050.43	4206309.03	34679.58484	9	9	0	ANNUAL	AREA	S
611057.43	4206309.03	33473.40615	9	9	0	ANNUAL	AREA	S
611064.43	4206309.03	32318.49987	9	9	0	ANNUAL	AREA	S
611071.43	4206309.03	31212.19305	9	9	0	ANNUAL	AREA	S
611078.43	4206309.03	30152.16119	9	9	0	ANNUAL	AREA	S
611085.43	4206309.03	29136.12798	9	9	0	ANNUAL	AREA	S
611092.43	4206309.03	28161.83149	9	9	0	ANNUAL	AREA	S
610294.43	4206330.03	3258.03994	11.41	11.41	0	ANNUAL	AREA	S
610301.43	4206330.03	3348.06891	11.51	11.51	0	ANNUAL	AREA	S
610308.43	4206330.03	3442.13498	11.61	11.61	0	ANNUAL	AREA	S
610315.43	4206330.03	3540.75004	11.7	11.7	0	ANNUAL	AREA	S
610322.43	4206330.03	3643.57626	11.8	11.8	0	ANNUAL	AREA	S
610329.43	4206330.03	3751.54815	11.89	11.89	0	ANNUAL	AREA	S
610336.43	4206330.03	3864.28592	11.99	11.99	0	ANNUAL	AREA	S
610343.43	4206330.03	3985.62844	12	12	0	ANNUAL	AREA	S
610350.43	4206330.03	4113.39637	12	12	0	ANNUAL	AREA	S
610357.43	4206330.03	4247.67632	12	12	0	ANNUAL	AREA	S
610364.43	4206330.03	4388.93446	12	12	0	ANNUAL	AREA	S
610371.43	4206330.03	4537.69695	12	12	0	ANNUAL	AREA	S
610378.43	4206330.03	4694.50401	12	12	0	ANNUAL	AREA	S
610385.43	4206330.03	4859.92113	12	12	0	ANNUAL	AREA	S
610392.43	4206330.03	5034.58429	12	12	0	ANNUAL	AREA	S
610399.43	4206330.03	5219.25175	12	12	0	ANNUAL	AREA	S
610406.43	4206330.03	5414.71331	12	12	0	ANNUAL	AREA	S
610413.43	4206330.03	5621.72688	12	12	0	ANNUAL	AREA	S
610420.43	4206330.03	5841.34906	12	12	0	ANNUAL	AREA	S
610427.43	4206330.03	6074.56495	12	12	0	ANNUAL	AREA	S
610434.43	4206330.03	6322.50073	12	12	0	ANNUAL	AREA	S
610441.43	4206330.03	6586.50051	12	12	0	ANNUAL	AREA	S
610448.43	4206330.03	6867.96173	12	12	0	ANNUAL	AREA	S
610455.43	4206330.03	7168.46652	12	12	0	ANNUAL	AREA	S
610462.43	4206330.03	7489.90371	12	12	0	ANNUAL	AREA	S
610469.43	4206330.03	7834.27633	12	12	0	ANNUAL	AREA	S
610476.43	4206330.03	8203.73577	12	12	0	ANNUAL	AREA	S
610497.43	4206330.03	9491.93043	12	12	0	ANNUAL	AREA	S
610504.43	4206330.03	9992.80326	12	12	0	ANNUAL	AREA	S
610511.43	4206330.03	10536.6255	12	12	0	ANNUAL	AREA	S
610518.43	4206330.03	11129.01731	12	12	0	ANNUAL	AREA	S
610525.43	4206330.03	11776.31226	12	12	0	ANNUAL	AREA	S
610532.43	4206330.03	12486.28698	12	12	0	ANNUAL	AREA	S
610539.43	4206330.03	13267.96572	12	12	0	ANNUAL	AREA	S
610546.43	4206330.03	14132.62698	12	12	0	ANNUAL	AREA	S
610553.43	4206330.03	15093.53908	12	12	0	ANNUAL	AREA	S
610560.43	4206330.03	16180.04554	11.95	11.95	0	ANNUAL	AREA	S
610567.43	4206330.03	17417.35949	11.85	11.85	0	ANNUAL	AREA	S
610574.43	4206330.03	18817.54977	11.76	11.76	0	ANNUAL	AREA	S
610581.43	4206330.03	20420.23251	11.66	11.66	0	ANNUAL	AREA	S
610588.43	4206330.03	22260.7983	11.57	11.57	0	ANNUAL	AREA	S
610595.43	4206330.03	24402.05894	11.47	11.47	0	ANNUAL	AREA	S
610602.43	4206330.03	26903.51572	11.38	11.38	0	ANNUAL	AREA	S
610609.43	4206330.03	29867.65836	11.28	11.28	0	ANNUAL	AREA	S
610616.43	4206330.03	33390.56181	11.19	11.19	0	ANNUAL	AREA	S
610623.43	4206330.03	37787.40695	11.09	11.09	0	ANNUAL	AREA	S
610630.43	4206330.03	43344.04055	11	11	0	ANNUAL	AREA	S
610637.43	4206330.03	51208.25881	10.95	10.95	0	ANNUAL	AREA	S
610644.43	4206330.03	63367.98803	10.89	10.89	0	ANNUAL	AREA	S
610294.43	4206337.03	3167.76745	11.42	11.42	0	ANNUAL	AREA	S
610301.43	4206337.03	3254.17085	11.51	11.51	0	ANNUAL	AREA	S
610308.43	4206337.03	3344.05822	11.61	11.61	0	ANNUAL	AREA	S
610315.43	4206337.03	3438.27484	11.7	11.7	0	ANNUAL	AREA	S
610322.43	4206337.03	3536.4422	11.8	11.8	0	ANNUAL	AREA	S
610329.43	4206337.03	3639.43509	11.89	11.89	0	ANNUAL	AREA	S
610336.43	4206337.03	3746.91686	11.99	11.99	0	ANNUAL	AREA	S
610343.43	4206337.03	3862.50328	12	12	0	ANNUAL	AREA	S
610350.43	4206337.03	3984.08861	12	12	0	ANNUAL	AREA	S
610357.43	4206337.03	4111.80456	12	12	0	ANNUAL	AREA	S
610364.43	4206337.03	4245.97987	12	12	0	ANNUAL	AREA	S
610371.43	4206337.03	4387.13107	12	12	0	ANNUAL	AREA	S
610378.43	4206337.03	4535.74248	12	12	0	ANNUAL	AREA	S
610385.43	4206337.03	4692.30972	12	12	0	ANNUAL	AREA	S
610392.43	4206337.03	4857.46511	12	12	0	ANNUAL	AREA	S
610399.43	4206337.03	5031.86428	12	12	0	ANNUAL	AREA	S
610406.43	4206337.03	5216.09622	12	12	0	ANNUAL	AREA	S
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610420.43	4206337.03	5617.43268	12	12	0	ANNUAL	AREA	S
610427.43	4206337.03	5836.26041	12	12	0	ANNUAL	AREA	S
610434.43	4206337.03	6068.47927	12	12	0	ANNUAL	AREA	S
610441.43	4206337.03	6315.30424	12	12	0	ANNUAL	AREA	S
610448.43	4206337.03	6577.8875	12	12	0	ANNUAL	AREA	S
610455.43	4206337.03	6857.60237	12	12	0	ANNUAL	AREA	S
610462.43	4206337.03	7156.11621	12	12	0	ANNUAL	AREA	S
610469.43	4206337.03	7475.0244	12	12	0	ANNUAL	AREA	S
610476.43	4206337.03	7816.45894	12	12	0	ANNUAL	AREA	S
610497.43	4206337.03	8999.07674	12	12	0	ANNUAL	AREA	S
610504.43	4206337.03	9455.75586	12	12	0	ANNUAL	AREA	S
610511.43	4206337.03	9949.69894	12	12	0	ANNUAL	AREA	S
610518.43	4206337.03	10485.38204	12	12	0	ANNUAL	AREA	S
610525.43	4206337.03	11067.88183	12	12	0	ANNUAL	AREA	S
610532.43	4206337.03	11703.47907	12	12	0	ANNUAL	AREA	S
610539.43	4206337.03	12399.30808	12	12	0	ANNUAL	AREA	S
610546.43	4206337.03	13163.94126	12	12	0	ANNUAL	AREA	S
610553.43	4206337.03	14007.72586	12	12	0	ANNUAL	AREA	S
610560.43	4206337.03	14954.15808	11.95	11.95	0	ANNUAL	AREA	S
610567.43	4206337.03	16021.95282	11.85	11.85	0	ANNUAL	AREA	S
610574.43	4206337.03	17217.78148	11.76	11.76	0	ANNUAL	AREA	S
610581.43	4206337.03	18570.55623	11.66	11.66	0	ANNUAL	AREA	S
610588.43	4206337.03	20104.09218	11.57	11.57	0	ANNUAL	AREA	S
610595.43	4206337.03	21863.18234	11.47	11.47	0	ANNUAL	AREA	S
610602.43	4206337.03	23890.2791	11.38	11.38	0	ANNUAL	AREA	S
610609.43	4206337.03	26271.07497	11.28	11.28	0	ANNUAL	AREA	S
610616.43	4206337.03	29122.32873	11.18	11.18	0	ANNUAL	AREA	S
610623.43	4206337.03	32661.23691	11.09	11.09	0	ANNUAL	AREA	S
610630.43	4206337.03	37204.94389	11	11	0	ANNUAL	AREA	S
610637.43	4206337.03	43123.69584	10.95	10.95	0	ANNUAL	AREA	S
610644.43	4206337.03	51457.44258	10.91	10.91	0	ANNUAL	AREA	S
610651.43	4206337.03	62195.45268	10.87	10.87	0	ANNUAL	AREA	S
610658.43	4206337.03	74372.20798	10.82	10.82	0	ANNUAL	AREA	S
610665.43	4206337.03	86885.17571	10.78	10.78	0	ANNUAL	AREA	S
610672.43	4206337.03	99177.73137	10.73	10.73	0	ANNUAL	AREA	S
610679.43	4206337.03	110871.7268	10.69	10.69	0	ANNUAL	AREA	S
610686.43	4206337.03	121837.9164	10.64	10.64	0	ANNUAL	AREA	S
610294.43	4206344.03	3080.03573	11.42	11.42	0	ANNUAL	AREA	S
610301.43	4206344.03	3162.67949	11.51	11.51	0	ANNUAL	AREA	S
610308.43	4206344.03	3248.65882	11.61	11.61	0	ANNUAL	AREA	S
610315.43	4206344.03	3338.63742	11.7	11.7	0	ANNUAL	AREA	S
610322.43	4206344.03	3432.35775	11.8	11.8	0	ANNUAL	AREA	S
610329.43	4206344.03	3530.29879	11.9	11.9	0	ANNUAL	AREA	S
610336.43	4206344.03	3633.04062	11.99	11.99	0	ANNUAL	AREA	S
610343.43	4206344.03	3743.13294	12	12	0	ANNUAL	AREA	S
610350.43	4206344.03	3858.9023	12	12	0	ANNUAL	AREA	S
610357.43	4206344.03	3980.28462	12	12	0	ANNUAL	AREA	S
610364.43	4206344.03	4107.79486	12	12	0	ANNUAL	AREA	S
610371.43	4206344.03	4241.70333	12	12	0	ANNUAL	AREA	S
610378.43	4206344.03	4382.53342	12	12	0	ANNUAL	AREA	S
610385.43	4206344.03	4530.80727	12	12	0	ANNUAL	AREA	S
610392.43	4206344.03	4686.94025	12	12	0	ANNUAL	AREA	S
610399.43	4206344.03	4851.60491	12	12	0	ANNUAL	AREA	S
610406.43	4206344.03	5025.35985	12	12	0	ANNUAL	AREA	S
610413.43	4206344.03	5208.84994	12	12	0	ANNUAL	AREA	S
610420.43	4206344.03	5402.87862	12	12	0	ANNUAL	AREA	S
610427.43	4206344.03	5608.20124	12	12	0	ANNUAL	AREA	S
610434.43	4206344.03	5825.75592	12	12	0	ANNUAL	AREA	S

610441.43	4206344.03	6056.4996	12	12	0	ANNUAL	AREA	S
610448.43	4206344.03	6301.46147	12	12	0	ANNUAL	AREA	S
610455.43	4206344.03	6561.90108	12	12	0	ANNUAL	AREA	S
610462.43	4206344.03	6839.13405	12	12	0	ANNUAL	AREA	S
610469.43	4206344.03	7134.72958	12	12	0	ANNUAL	AREA	S
610476.43	4206344.03	7450.24361	12	12	0	ANNUAL	AREA	S
610497.43	4206344.03	8536.46521	12	12	0	ANNUAL	AREA	S
610504.43	4206344.03	8953.23264	12	12	0	ANNUAL	AREA	S
610511.43	4206344.03	9402.28785	12	12	0	ANNUAL	AREA	S
610518.43	4206344.03	9887.23079	12	12	0	ANNUAL	AREA	S
610525.43	4206344.03	10412.32592	12	12	0	ANNUAL	AREA	S
610532.43	4206344.03	10982.35104	12	12	0	ANNUAL	AREA	S
610539.43	4206344.03	11603.22099	12	12	0	ANNUAL	AREA	S
610546.43	4206344.03	12281.48155	12	12	0	ANNUAL	AREA	S
610553.43	4206344.03	13025.20521	12	12	0	ANNUAL	AREA	S
610560.43	4206344.03	13853.52051	11.95	11.95	0	ANNUAL	AREA	S
610567.43	4206344.03	14780.75576	11.85	11.85	0	ANNUAL	AREA	S
610574.43	4206344.03	15809.87934	11.76	11.76	0	ANNUAL	AREA	S
610581.43	4206344.03	16962.85108	11.66	11.66	0	ANNUAL	AREA	S
610588.43	4206344.03	18256.80496	11.57	11.57	0	ANNUAL	AREA	S
610595.43	4206344.03	19724.33773	11.47	11.47	0	ANNUAL	AREA	S
610602.43	4206344.03	21401.89138	11.37	11.37	0	ANNUAL	AREA	S
610609.43	4206344.03	23350.12455	11.28	11.28	0	ANNUAL	AREA	S
610616.43	4206344.03	25680.7921	11.18	11.18	0	ANNUAL	AREA	S
610623.43	4206344.03	28523.01939	11.09	11.09	0	ANNUAL	AREA	S
610630.43	4206344.03	32044.32128	11	11	0	ANNUAL	AREA	S
610637.43	4206344.03	36488.06545	10.96	10.96	0	ANNUAL	AREA	S
610644.43	4206344.03	42319.98036	10.92	10.92	0	ANNUAL	AREA	S
610651.43	4206344.03	49698.35638	10.89	10.89	0	ANNUAL	AREA	S
610658.43	4206344.03	58375.82093	10.85	10.85	0	ANNUAL	AREA	S
610665.43	4206344.03	67789.15397	10.81	10.81	0	ANNUAL	AREA	S
610672.43	4206344.03	77394.7381	10.78	10.78	0	ANNUAL	AREA	S
610679.43	4206344.03	86937.86345	10.74	10.74	0	ANNUAL	AREA	S
610686.43	4206344.03	96152.30849	10.7	10.7	0	ANNUAL	AREA	S
610693.43	4206344.03	104913.6028	10.66	10.66	0	ANNUAL	AREA	S
610700.43	4206344.03	113150.5933	10.62	10.62	0	ANNUAL	AREA	S
610707.43	4206344.03	121011.5115	10.55	10.55	0	ANNUAL	AREA	S
610714.43	4206344.03	128501.6357	10.45	10.45	0	ANNUAL	AREA	S
610721.43	4206344.03	135321.5284	10.36	10.36	0	ANNUAL	AREA	S
610728.43	4206344.03	141619.4817	10.26	10.26	0	ANNUAL	AREA	S
610735.43	4206344.03	147254.3594	10.16	10.16	0	ANNUAL	AREA	S
610742.43	4206344.03	152002.4739	10.07	10.07	0	ANNUAL	AREA	S
610749.43	4206344.03	155663.5934	9.97	9.97	0	ANNUAL	AREA	S
610756.43	4206344.03	158314.1734	9.87	9.87	0	ANNUAL	AREA	S
610763.43	4206344.03	159395.7853	9.78	9.78	0	ANNUAL	AREA	S
610770.43	4206344.03	158908.8202	9.68	9.68	0	ANNUAL	AREA	S
610777.43	4206344.03	156676.3775	9.59	9.59	0	ANNUAL	AREA	S
610784.43	4206344.03	152481.1192	9.53	9.53	0	ANNUAL	AREA	S
610791.43	4206344.03	146990.524	9.47	9.47	0	ANNUAL	AREA	S
610798.43	4206344.03	140867.4778	9.42	9.42	0	ANNUAL	AREA	S
610805.43	4206344.03	134539.4342	9.36	9.36	0	ANNUAL	AREA	S
610812.43	4206344.03	128294.0353	9.3	9.3	0	ANNUAL	AREA	S
610833.43	4206344.03	111173.9126	9.13	9.13	0	ANNUAL	AREA	S
610840.43	4206344.03	106111.9147	9.07	9.07	0	ANNUAL	AREA	S
610847.43	4206344.03	101368.192	9.02	9.02	0	ANNUAL	AREA	S
610854.43	4206344.03	96929.47769	9	9	0	ANNUAL	AREA	S
610861.43	4206344.03	92769.84606	9	9	0	ANNUAL	AREA	S
610868.43	4206344.03	88864.03306	9	9	0	ANNUAL	AREA	S
610875.43	4206344.03	85192.1455	9	9	0	ANNUAL	AREA	S
610882.43	4206344.03	81735.34994	9	9	0	ANNUAL	AREA	S
610889.43	4206344.03	78476.20398	9	9	0	ANNUAL	AREA	S
610896.43	4206344.03	75398.70846	9	9	0	ANNUAL	AREA	S
610903.43	4206344.03	72488.293	9	9	0	ANNUAL	AREA	S
610910.43	4206344.03	69731.80291	9	9	0	ANNUAL	AREA	S
610917.43	4206344.03	67117.41526	9	9	0	ANNUAL	AREA	S
610924.43	4206344.03	64634.51464	9	9	0	ANNUAL	AREA	S
610931.43	4206344.03	62273.14121	9	9	0	ANNUAL	AREA	S
610938.43	4206344.03	60024.93376	9	9	0	ANNUAL	AREA	S
610945.43	4206344.03	57882.10013	9	9	0	ANNUAL	AREA	S
610952.43	4206344.03	55837.40559	9	9	0	ANNUAL	AREA	S
610959.43	4206344.03	53884.62857	9	9	0	ANNUAL	AREA	S
610966.43	4206344.03	52017.82042	9	9	0	ANNUAL	AREA	S
610973.43	4206344.03	50231.88475	9	9	0	ANNUAL	AREA	S
610980.43	4206344.03	48522.01951	9	9	0	ANNUAL	AREA	S
610987.43	4206344.03	46883.6928	9	9	0	ANNUAL	AREA	S
610994.43	4206344.03	45313.14983	9	9	0	ANNUAL	AREA	S
611001.43	4206344.03	43806.60175	9	9	0	ANNUAL	AREA	S
611008.43	4206344.03	42360.67406	9	9	0	ANNUAL	AREA	S
611029.43	4206344.03	38356.55383	9	9	0	ANNUAL	AREA	S
611036.43	4206344.03	37124.11581	9	9	0	ANNUAL	AREA	S
611043.43	4206344.03	35938.88137	9	9	0	ANNUAL	AREA	S
611050.43	4206344.03	34798.444	9	9	0	ANNUAL	AREA	S
611057.43	4206344.03	33701.10228	9	9	0	ANNUAL	AREA	S
611064.43	4206344.03	32644.65953	9	9	0	ANNUAL	AREA	S
611078.43	4206344.03	30647.56586	9	9	0	ANNUAL	AREA	S
611085.43	4206344.03	29703.76382	9	9	0	ANNUAL	AREA	S
611092.43	4206344.03	28794.17947	9	9	0	ANNUAL	AREA	S
610294.43	4206351.03	2994.69533	11.42	11.42	0	ANNUAL	AREA	S
610301.43	4206351.03	3073.76402	11.51	11.51	0	ANNUAL	AREA	S
610308.43	4206351.03	3155.95664	11.61	11.61	0	ANNUAL	AREA	S
610315.43	4206351.03	3241.67296	11.71	11.71	0	ANNUAL	AREA	S
610322.43	4206351.03	3331.4066	11.8	11.8	0	ANNUAL	AREA	S
610329.43	4206351.03	3424.83496	11.9	11.9	0	ANNUAL	AREA	S
610336.43	4206351.03	3522.77411	11.99	11.99	0	ANNUAL	AREA	S
610343.43	4206351.03	3627.67999	12	12	0	ANNUAL	AREA	S
610350.43	4206351.03	3737.80569	12	12	0	ANNUAL	AREA	S
610357.43	4206351.03	3853.28792	12	12	0	ANNUAL	AREA	S
610364.43	4206351.03	3974.35291	12	12	0	ANNUAL	AREA	S
610371.43	4206351.03	4101.44855	12	12	0	ANNUAL	AREA	S
610378.43	4206351.03	4234.9771	12	12	0	ANNUAL	AREA	S
610385.43	4206351.03	4375.27513	12	12	0	ANNUAL	AREA	S
610392.43	4206351.03	4522.96228	12	12	0	ANNUAL	AREA	S
610399.43	4206351.03	4678.43493	12	12	0	ANNUAL	AREA	S
610406.43	4206351.03	4842.2777	12	12	0	ANNUAL	AREA	S
610413.43	4206351.03	5015.03111	12	12	0	ANNUAL	AREA	S
610420.43	4206351.03	5197.43792	12	12	0	ANNUAL	AREA	S
610427.43	4206351.03	5390.14296	12	12	0	ANNUAL	AREA	S
610434.43	4206351.03	5593.98974	12	12	0	ANNUAL	AREA	S
610441.43	4206351.03	5809.71893	12	12	0	ANNUAL	AREA	S
610448.43	4206351.03	6038.3666	12	12	0	ANNUAL	AREA	S
610455.43	4206351.03	6280.93388	12	12	0	ANNUAL	AREA	S
610462.43	4206351.03	6538.59647	12	12	0	ANNUAL	AREA	S
610469.43	4206351.03	6812.56731	12	12	0	ANNUAL	AREA	S
610476.43	4206351.03	7104.28847	12	12	0	ANNUAL	AREA	S
610497.43	4206351.03	8102.96072	12	12	0	ANNUAL	AREA	S
610504.43	4206351.03	8483.74934	12	12	0	ANNUAL	AREA	S
610511.43	4206351.03	8892.57055	12	12	0	ANNUAL	AREA	S
610518.43	4206351.03	9332.41558	12	12	0	ANNUAL	AREA	S
610525.43	4206351.03	9806.68084	12	12	0	ANNUAL	AREA	S
610532.43	4206351.03	10319.35125	12	12	0	ANNUAL	AREA	S
610539.43	4206351.03	10874.98522	12	12	0	ANNUAL	AREA	S
610546.43	4206351.03	11478.9263	12	12	0	ANNUAL	AREA	S
610553.43	4206351.03	12137.47468	12	12	0	ANNUAL	AREA	S
610560.43	4206351.03	12866.44271	11.95	11.95	0	ANNUAL	AREA	S
610567.43	4206351.03	13676.78753	11.85	11.85	0	ANNUAL	AREA	S
610574.43	4206351.03	14569.58976	11.76	11.76	0	ANNUAL	AREA	S
610581.43	4206351.03	15562.18819	11.66	11.66	0	ANNUAL	AREA	S
610588.43	4206351.03	16668.95507	11.56	11.56	0	ANNUAL	AREA	S
610595.43	4206351.03	17909.68928	11.47	11.47	0	ANNUAL	AREA	S
610602.43	4206351.03	19320.17545	11.37	11.37	0	ANNUAL	AREA	S
610609.43	4206351.03	20944.61008	11.28	11.28	0	ANNUAL	AREA	S
610616.43	4206351.03	22866.10696	11.18	11.18	0	ANNUAL	AREA	S
610623.43	4206351.03	25173.10775	11.09	11.09	0	ANNUAL	AREA	S
610630.43	4206351.03	27975.30533	11	11	0	ANNUAL	AREA	S
610637.43	4206351.03	31372.42352	10.97	10.97	0	ANNUAL	AREA	S
610644.43	4206351.03	35626.1191	10.94	10.94	0	ANNUAL	AREA	S
610651.43	4206351.03	40904.41978	10.91	10.91	0	ANNUAL	AREA	S
610658.43	4206351.03	47164.60034	10.88	10.88	0	ANNUAL	AREA	S
610665.43	4206351.03	54165.20686	10.85	10.85	0	ANNUAL	AREA	S
610672.43	4206351.03	61606.49555	10.82	10.82	0	ANNUAL	AREA	S
610679.43	4206351.03	69217.35148	10.79	10.79	0	ANNUAL	AREA	S
610686.43	4206351.03	76781.71496	10.76	10.76	0	ANNUAL	AREA	S
610693.43	4206351.03	84158.95078	10.73	10.73	0	ANNUAL	AREA	S
610700.43	4206351.03	91248.71531	10.7	10.7	0	ANNUAL	AREA	S
610707.43	4206351.03	98192.48695	10.62	10.62	0	ANNUAL	AREA	S
610714.43	4206351.03	104778.1699	10.53	10.53	0	ANNUAL	AREA	S
610721.43	4206351.03	110975.1699	10.43	10.43	0	ANNUAL	AREA	S
610728.43	4206351.03	116727.0256	10.33	10.33	0	ANNUAL	AREA	S
610735.43	4206351.03	121946.9739	10.24	10.24	0	ANNUAL	AREA	S
610742.43	4206351.03	126690.2793	10.14	10.14	0	ANNUAL	AREA	S
610749.43	4206351.03	130627.82	10.04	10.04	0	ANNUAL	AREA	S
610756.43	4206351.03	133412.8859	9.95	9.95	0	ANNUAL	AREA	S
610763.43	4206351.03	135314.0128	9.85	9.85	0	ANNUAL	AREA	S
610770.43	4206351.03	136132.4193	9.75	9.75	0	ANNUAL	AREA	S
610777.43	4206351.03	135630.5934	9.66	9.66	0	ANNUAL	AREA	S
610784.43	4206351.03	133776.8843	9.6	9.6	0	ANNUAL	AREA	S
610791.43	4206351.03	130713.52	9.53	9.53	0	ANNUAL	AREA	S
610798.43	4206351.03	126844.9851	9.47	9.47	0	ANNUAL	AREA	S
610805.43	4206351.03	122504.147	9.4	9.4	0	ANNUAL	AREA	S
610812.43	4206351.03	117953.6613	9.34	9.34	0	ANNUAL	AREA	S
610833.43	4206351.03	104434.7358	9.14	9.14	0	ANNUAL	AREA	S
610840.43	4206351.03	100213.0396	9.08	9.08	0	ANNUAL	AREA	S
610847.43	4206351.03	96178.15622	9.02	9.02	0	ANNUAL	AREA	S
610854.43	4206351.03	92345.45203	9	9	0	ANNUAL	AREA	S
610861.43	4206351.03	88705.13341	9	9	0	ANNUAL	AREA	S
610868.43	4206351.03	85247.80545	9	9	0	ANNUAL	AREA	S
610875.43	4206351.03	81965.28869	9	9	0	ANNUAL	AREA	S
610882.43	4206351.03	78848.7048	9	9	0	ANNUAL	AREA	S
610889.43	4206351.03	75888.48656	9	9	0	ANNUAL	AREA	S
610896.43	4206351.03	73074.93535	9	9	0	ANNUAL	AREA	S
610903.43	4206351.03	70398.67921	9	9	0	ANNUAL	AREA	S
610910.43	4206351.03	67850.68257	9	9	0	ANNUAL	AREA	S
610917.43	4206351.03	65422.79052	9	9	0	ANNUAL	AREA	S
610924.43	4206351.03	63107.17313	9	9	0	ANNUAL	AREA	S
610931.43	4206351.03	60896.77304	9	9	0	ANNUAL	AREA	S
610938.43	4206351.03	58784.92832	9	9	0	ANNUAL	AREA	S
610945.43	4206351.03	56765.30314	9	9	0	ANNUAL	AREA	S
610952.43	4206351.03	54832.6644	9	9	0	ANNUAL	AREA	S
610959.43	4206351.03	52981.72031	9	9	0	ANNUAL	AREA	S
610966.43	4206351.03	51207.74887	9	9	0	ANNUAL	AREA	S
610973.43	4206351.03	49506.67855	9	9	0	ANNUAL	AREA	S
610980.43	4206351.03	47874.21781	9	9	0	ANNUAL	AREA	S
610987.43	4206351.03	46306.88059	9	9	0	ANNUAL	AREA	S
610994.43	4206351.03	44801.28232	9	9	0	ANNUAL	AREA	S
611001.43	4206351.03	43354.28266	9	9	0	ANNUAL	AREA	S
611008.43	4206351.03	41962.92753	9	9	0	ANNUAL	AREA	S
611029.43	4206351.03	38097.34674	9	9	0	ANNUAL	AREA	S
611036.43	4206351.03	36903.76744	9	9	0	ANNUAL	AREA	S
611043.43	4206351.03	35754.18194	9	9	0	ANNUAL	AREA	S
611050.43	4206351.03	34646.59424	9	9	0	ANNUAL	AREA	S
611057.43	4206351.03	33579.25376	9	9	0	ANNUAL	AREA	S
611064.43	4206351.03	32550.32764	9	9	0	ANNUAL	AREA	S
611078.43	4206351.03	30601.83472	9	9	0	ANNUAL	AREA	S
611085.43	4206351.03	29679.14453	9	9	0	ANNUAL	AREA	S
611092.43	4206351.03	28789.04245	9	9	0	ANNUAL	AREA	S
610294.43	4206358.03	2911.77112	11.42	11.42	0	ANNUAL	AREA	S

610301.43	4206358.03	2987.17988	11.52	11.52	0	ANNUAL	AREA	5
610308.43	4206358.03	3065.98135	11.61	11.61	0	ANNUAL	AREA	5
610315.43	4206358.03	3147.88249	11.71	11.71	0	ANNUAL	AREA	5
610322.43	4206358.03	3233.55558	11.8	11.8	0	ANNUAL	AREA	5
610329.43	4206358.03	3322.69802	11.9	11.9	0	ANNUAL	AREA	5
610336.43	4206358.03	3416.0731	11.99	11.99	0	ANNUAL	AREA	5
610343.43	4206358.03	3515.98513	12	12	0	ANNUAL	AREA	5
610350.43	4206358.03	3620.86522	12	12	0	ANNUAL	AREA	5
610357.43	4206358.03	3730.64512	12	12	0	ANNUAL	AREA	5
610364.43	4206358.03	3845.71656	12	12	0	ANNUAL	AREA	5
610371.43	4206358.03	3966.30277	12	12	0	ANNUAL	AREA	5
610378.43	4206358.03	4092.85752	12	12	0	ANNUAL	AREA	5
610385.43	4206358.03	4225.74671	12	12	0	ANNUAL	AREA	5
610392.43	4206358.03	4365.42008	12	12	0	ANNUAL	AREA	5
610399.43	4206358.03	4512.24109	12	12	0	ANNUAL	AREA	5
610406.43	4206358.03	4666.74789	12	12	0	ANNUAL	AREA	5
610413.43	4206358.03	4829.5422	12	12	0	ANNUAL	AREA	5
610420.43	4206358.03	5001.02173	12	12	0	ANNUAL	AREA	5
610427.43	4206358.03	5181.99336	12	12	0	ANNUAL	AREA	5
610434.43	4206358.03	5372.96871	12	12	0	ANNUAL	AREA	5
610441.43	4206358.03	5574.8716	12	12	0	ANNUAL	AREA	5
610448.43	4206358.03	5788.35444	12	12	0	ANNUAL	AREA	5
610455.43	4206358.03	6014.41069	12	12	0	ANNUAL	AREA	5
610462.43	4206358.03	6254.02887	12	12	0	ANNUAL	AREA	5
610469.43	4206358.03	6508.17259	12	12	0	ANNUAL	AREA	5
610476.43	4206358.03	6778.19795	12	12	0	ANNUAL	AREA	5
610497.43	4206358.03	7697.40507	12	12	0	ANNUAL	AREA	5
610504.43	4206358.03	8045.89284	12	12	0	ANNUAL	AREA	5
610511.43	4206358.03	8418.80486	12	12	0	ANNUAL	AREA	5
610518.43	4206358.03	8818.61836	12	12	0	ANNUAL	AREA	5
610525.43	4206358.03	9248.10175	12	12	0	ANNUAL	AREA	5
610532.43	4206358.03	9710.55415	12	12	0	ANNUAL	AREA	5
610539.43	4206358.03	10209.57416	12	12	0	ANNUAL	AREA	5
610546.43	4206358.03	10749.65219	12	12	0	ANNUAL	AREA	5
610553.43	4206358.03	11335.67743	12	12	0	ANNUAL	AREA	5
610560.43	4206358.03	11980.80798	11.95	11.95	0	ANNUAL	AREA	5
610567.43	4206358.03	12693.68691	11.85	11.85	0	ANNUAL	AREA	5
610574.43	4206358.03	13476.05837	11.75	11.75	0	ANNUAL	AREA	5
610581.43	4206358.03	14336.63449	11.66	11.66	0	ANNUAL	AREA	5
610588.43	4206358.03	15292.24595	11.56	11.56	0	ANNUAL	AREA	5
610595.43	4206358.03	16357.60029	11.47	11.47	0	ANNUAL	AREA	5
610602.43	4206358.03	17563.58848	11.37	11.37	0	ANNUAL	AREA	5
610609.43	4206358.03	18944.72004	11.28	11.28	0	ANNUAL	AREA	5
610616.43	4206358.03	20558.3885	11.18	11.18	0	ANNUAL	AREA	5
610623.43	4206358.03	22467.35657	11.08	11.08	0	ANNUAL	AREA	5
610630.43	4206358.03	24731.71859	11	11	0	ANNUAL	AREA	5
610637.43	4206358.03	27404.78361	10.98	10.98	0	ANNUAL	AREA	5
610644.43	4206358.03	30646.90009	10.95	10.95	0	ANNUAL	AREA	5
610651.43	4206358.03	34559.7631	10.93	10.93	0	ANNUAL	AREA	5
610658.43	4206358.03	39186.84658	10.91	10.91	0	ANNUAL	AREA	5
610665.43	4206358.03	44445.67848	10.89	10.89	0	ANNUAL	AREA	5
610672.43	4206358.03	50200.73919	10.86	10.86	0	ANNUAL	AREA	5
610679.43	4206358.03	56224.01844	10.84	10.84	0	ANNUAL	AREA	5
610686.43	4206358.03	62369.96632	10.82	10.82	0	ANNUAL	AREA	5
610693.43	4206358.03	68532.81052	10.79	10.79	0	ANNUAL	AREA	5
610700.43	4206358.03	74548.20305	10.77	10.77	0	ANNUAL	AREA	5
610707.43	4206358.03	80533.70461	10.7	10.7	0	ANNUAL	AREA	5
610714.43	4206358.03	86375.52651	10.6	10.6	0	ANNUAL	AREA	5
610721.43	4206358.03	91931.57157	10.5	10.5	0	ANNUAL	AREA	5
610728.43	4206358.03	97118.2564	10.41	10.41	0	ANNUAL	AREA	5
610735.43	4206358.03	101966.0897	10.31	10.31	0	ANNUAL	AREA	5
610742.43	4206358.03	106389.9747	10.21	10.21	0	ANNUAL	AREA	5
610749.43	4206358.03	110273.4933	10.12	10.12	0	ANNUAL	AREA	5
610756.43	4206358.03	113371.027	10.02	10.02	0	ANNUAL	AREA	5
610763.43	4206358.03	115695.3138	9.92	9.92	0	ANNUAL	AREA	5
610770.43	4206358.03	117203.677	9.83	9.83	0	ANNUAL	AREA	5
610777.43	4206358.03	117777.6503	9.74	9.74	0	ANNUAL	AREA	5
610784.43	4206358.03	117336.2683	9.66	9.66	0	ANNUAL	AREA	5
610791.43	4206358.03	115942.5337	9.59	9.59	0	ANNUAL	AREA	5
610798.43	4206358.03	113739.0521	9.52	9.52	0	ANNUAL	AREA	5
610805.43	4206358.03	110968.2511	9.45	9.45	0	ANNUAL	AREA	5
610812.43	4206358.03	107825.3529	9.37	9.37	0	ANNUAL	AREA	5
610833.43	4206358.03	97561.8957	9.16	9.16	0	ANNUAL	AREA	5
610840.43	4206358.03	94139.7292	9.09	9.09	0	ANNUAL	AREA	5
610847.43	4206358.03	90794.75734	9.02	9.02	0	ANNUAL	AREA	5
610854.43	4206358.03	87559.30233	9	9	0	ANNUAL	AREA	5
610861.43	4206358.03	84437.56096	9	9	0	ANNUAL	AREA	5
610868.43	4206358.03	81432.18972	9	9	0	ANNUAL	AREA	5
610875.43	4206358.03	78545.49394	9	9	0	ANNUAL	AREA	5
610882.43	4206358.03	75776.97665	9	9	0	ANNUAL	AREA	5
610889.43	4206358.03	73124.05766	9	9	0	ANNUAL	AREA	5
610896.43	4206358.03	70582.91519	9	9	0	ANNUAL	AREA	5
610903.43	4206358.03	68148.19907	9	9	0	ANNUAL	AREA	5
610910.43	4206358.03	65818.08302	9	9	0	ANNUAL	AREA	5
610917.43	4206358.03	63584.65524	9	9	0	ANNUAL	AREA	5
610924.43	4206358.03	61444.0256	9	9	0	ANNUAL	AREA	5
610931.43	4206358.03	59391.48436	9	9	0	ANNUAL	AREA	5
610938.43	4206358.03	57422.38097	9	9	0	ANNUAL	AREA	5
610945.43	4206358.03	55532.44697	9	9	0	ANNUAL	AREA	5
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610959.43	4206358.03	51973.9903	9	9	0	ANNUAL	AREA	5
610966.43	4206358.03	50298.11093	9	9	0	ANNUAL	AREA	5
610973.43	4206358.03	48686.47345	9	9	0	ANNUAL	AREA	5
610980.43	4206358.03	47136.05427	9	9	0	ANNUAL	AREA	5
610987.43	4206358.03	45643.88377	9	9	0	ANNUAL	AREA	5
610994.43	4206358.03	44207.20204	9	9	0	ANNUAL	AREA	5
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611008.43	4206358.03	41490.41548	9	9	0	ANNUAL	AREA	5
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611036.43	4206358.03	36621.11914	9	9	0	ANNUAL	AREA	5
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611064.43	4206358.03	32403.91834	9	9	0	ANNUAL	AREA	5
611078.43	4206358.03	30508.3297	9	9	0	ANNUAL	AREA	5
611085.43	4206358.03	29608.96874	9	9	0	ANNUAL	AREA	5
611092.43	4206358.03	28740.29136	9	9	0	ANNUAL	AREA	5
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610301.43	4206365.03	2903.31662	11.52	11.52	0	ANNUAL	AREA	5
610308.43	4206365.03	2978.69331	11.61	11.61	0	ANNUAL	AREA	5
610315.43	4206365.03	3056.93095	11.71	11.71	0	ANNUAL	AREA	5
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610343.43	4206365.03	3408.07259	12	12	0	ANNUAL	AREA	5
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610392.43	4206365.03	4214.16563	12	12	0	ANNUAL	AREA	5
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610406.43	4206365.03	4498.7412	12	12	0	ANNUAL	AREA	5
610413.43	4206365.03	4652.05086	12	12	0	ANNUAL	AREA	5
610420.43	4206365.03	4813.48157	12	12	0	ANNUAL	AREA	5
610427.43	4206365.03	4983.43075	12	12	0	ANNUAL	AREA	5
610434.43	4206365.03	5162.57047	12	12	0	ANNUAL	AREA	5
610441.43	4206365.03	5351.56568	12	12	0	ANNUAL	AREA	5
610448.43	4206365.03	5551.06788	12	12	0	ANNUAL	AREA	5
610455.43	4206365.03	5761.92401	12	12	0	ANNUAL	AREA	5
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610532.43	4206365.03	9151.84715	12	12	0	ANNUAL	AREA	5
610539.43	4206365.03	9601.83519	12	12	0	ANNUAL	AREA	5
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610553.43	4206365.03	10610.78256	12	12	0	ANNUAL	AREA	5
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610567.43	4206365.03	11815.96908	11.85	11.85	0	ANNUAL	AREA	5
610574.43	4206365.03	12505.17494	11.75	11.75	0	ANNUAL	AREA	5
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610602.43	4206365.03	16063.70869	11.37	11.37	0	ANNUAL	AREA	5
610609.43	4206365.03	17255.34528	11.27	11.27	0	ANNUAL	AREA	5
610616.43	4206365.03	18629.04719	11.18	11.18	0	ANNUAL	AREA	5
610623.43	4206365.03	20234.03002	11.08	11.08	0	ANNUAL	AREA	5
610630.43	4206365.03	22104.57271	11	11	0	ANNUAL	AREA	5
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610644.43	4206365.03	26810.73377	10.97	10.97	0	ANNUAL	AREA	5
610651.43	4206365.03	29827.78923	10.95	10.95	0	ANNUAL	AREA	5
610658.43	4206365.03	33349.72008	10.94	10.94	0	ANNUAL	AREA	5
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610672.43	4206365.03	41838.96952	10.91	10.91	0	ANNUAL	AREA	5
610679.43	4206365.03	46630.36384	10.89	10.89	0	ANNUAL	AREA	5
610686.43	4206365.03	51606.24063	10.88	10.88	0	ANNUAL	AREA	5
610693.43	4206365.03	56699.85049	10.86	10.86	0	ANNUAL	AREA	5
610700.43	4206365.03	61796.21237	10.84	10.84	0	ANNUAL	AREA	5
610707.43	4206365.03	66951.50109	10.77	10.77	0	ANNUAL	AREA	5
610714.43	4206365.03	72034.96642	10.68	10.68	0	ANNUAL	AREA	5
610721.43	4206365.03	76968.28705	10.58	10.58	0	ANNUAL	AREA	5
610728.43	4206365.03	81673.54664	10.48	10.48	0	ANNUAL	AREA	5
610735.43	4206365.03	86065.51783	10.39	10.39	0	ANNUAL	AREA	5
610742.43	4206365.03	90162.77184	10.29	10.29	0	ANNUAL	AREA	5
610749.43	4206365.03	93878.90685	10.19	10.19	0	ANNUAL	AREA	5
610756.43	4206365.03	97109.74343	10.1	10.1	0	ANNUAL	AREA	5
610763.43	4206365.03	99616.36875	10	10	0	ANNUAL	AREA	5
610770.43	4206365.03	101480.4456	9.9	9.9	0	ANNUAL	AREA	5
610777.43	4206365.03	102660.1392	9.81	9.81	0	ANNUAL	AREA	5
610784.43	4206365.03	103089.7872	9.73	9.73	0	ANNUAL	AREA	5
610791.43	4206365.03	102768.7857	9.65	9.65	0	ANNUAL	AREA	5
610798.43	4206365.03	101764.1179	9.57	9.57	0	ANNUAL	AREA	5
610805.43	4206365.03	100175.3357	9.49	9.49	0	ANNUAL	AREA	5
610812.43	4206365.03	98162.9245	9.41	9.41	0	ANNUAL	AREA	5
610833.43	4206365.03	90704.879	9.17	9.17	0	ANNUAL	AREA	5
610840.43	4206365.03	88020.47215	9.1	9.1	0	ANNUAL	AREA	5
610847.43	4206365.03	85323.01689	9.02	9.02	0	ANNUAL	AREA	5
610854.43	4206365.03	82657.82358	9	9	0	ANNUAL	AREA	5
610861.43	4206365.03	80038.23658	9	9	0	ANNUAL	AREA	5
610868.43	4206365.03	77476.02975	9	9	0	ANNUAL	AREA	5
610875.43	4206365.03	74981.11583	9	9	0	ANNUAL	AREA	5
610882.43	4206365.03	72559.99374	9	9	0	ANNUAL	AREA	5
610889.43	4206365.03	70216.15823	9	9	0	ANNUAL	AREA	5
610896.43	4206365.03	67950.85206	9	9	0	ANNUAL	AREA	5
610903.43	4206365.03	65763.82331	9	9	0	ANNUAL	AREA	5
610910.43	4206365.03	63654.13122	9	9	0	ANNUAL	AREA	5
610917.43	4206365.03	61620.12447	9	9	0	ANNUAL	AREA	5
610924.43	4206365.03	59659.44502	9	9	0	ANNUAL	AREA	5
610931.43	4206365.03	57769.65499	9	9	0	ANNUAL	AREA	5
610938.43	4206365.03	55948.39571	9	9	0	ANNUAL	AREA	5

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610959.43	4206365.03	50868.54374	9	9	0	ANNUAL	AREA	S
610966.43	4206365.03	49294.88234	9	9	0	ANNUAL	AREA	S
610973.43	4206365.03	47776.8535	9	9	0	ANNUAL	AREA	S
610980.43	4206365.03	46312.31424	9	9	0	ANNUAL	AREA	S
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611022.43	4206365.03	38531.45418	9	9	0	ANNUAL	AREA	S
611029.43	4206365.03	37385.31848	9	9	0	ANNUAL	AREA	S
611036.43	4206365.03	36277.78697	9	9	0	ANNUAL	AREA	S
611043.43	4206365.03	35207.5777	9	9	0	ANNUAL	AREA	S
611050.43	4206365.03	34173.1153	9	9	0	ANNUAL	AREA	S
611057.43	4206365.03	33173.16815	9	9	0	ANNUAL	AREA	S
611064.43	4206365.03	32206.5385	9	9	0	ANNUAL	AREA	S
611078.43	4206365.03	30367.94777	9	9	0	ANNUAL	AREA	S
611085.43	4206365.03	29483.8623	9	9	0	ANNUAL	AREA	S
611092.43	4206365.03	28648.49513	9	9	0	ANNUAL	AREA	S
610294.43	4206372.03	2753.02562	11.42	11.42	0	ANNUAL	AREA	S
610301.43	4206372.03	2822.0649	11.52	11.52	0	ANNUAL	AREA	S
610308.43	4206372.03	2894.13305	11.61	11.61	0	ANNUAL	AREA	S
610315.43	4206372.03	2968.93132	11.71	11.71	0	ANNUAL	AREA	S
610322.43	4206372.03	3046.81967	11.81	11.81	0	ANNUAL	AREA	S
610329.43	4206372.03	3128.28484	11.9	11.9	0	ANNUAL	AREA	S
610336.43	4206372.03	3212.92776	12	12	0	ANNUAL	AREA	S
610343.43	4206372.03	3301.96335	12	12	0	ANNUAL	AREA	S
610350.43	4206372.03	3399.01678	12	12	0	ANNUAL	AREA	S
610357.43	4206372.03	3498.41824	12	12	0	ANNUAL	AREA	S
610364.43	4206372.03	3602.30627	12	12	0	ANNUAL	AREA	S
610371.43	4206372.03	3711.0577	12	12	0	ANNUAL	AREA	S
610378.43	4206372.03	3824.90927	12	12	0	ANNUAL	AREA	S
610385.43	4206372.03	3944.18041	12	12	0	ANNUAL	AREA	S
610392.43	4206372.03	4069.21468	12	12	0	ANNUAL	AREA	S
610399.43	4206372.03	4200.39532	12	12	0	ANNUAL	AREA	S
610406.43	4206372.03	4338.01232	12	12	0	ANNUAL	AREA	S
610413.43	4206372.03	4482.59474	12	12	0	ANNUAL	AREA	S
610420.43	4206372.03	4634.54146	12	12	0	ANNUAL	AREA	S
610427.43	4206372.03	4794.30302	12	12	0	ANNUAL	AREA	S
610434.43	4206372.03	4962.45539	12	12	0	ANNUAL	AREA	S
610441.43	4206372.03	5139.4926	12	12	0	ANNUAL	AREA	S
610448.43	4206372.03	5326.14186	12	12	0	ANNUAL	AREA	S
610455.43	4206372.03	5522.93676	12	12	0	ANNUAL	AREA	S
610462.43	4206372.03	5730.74992	12	12	0	ANNUAL	AREA	S
610469.43	4206372.03	5950.27354	12	12	0	ANNUAL	AREA	S
610476.43	4206372.03	6182.37037	12	12	0	ANNUAL	AREA	S
610497.43	4206372.03	6964.93814	12	12	0	ANNUAL	AREA	S
610504.43	4206372.03	7258.51366	12	12	0	ANNUAL	AREA	S
610511.43	4206372.03	7570.89559	12	12	0	ANNUAL	AREA	S
610518.43	4206372.03	7903.83732	12	12	0	ANNUAL	AREA	S
610525.43	4206372.03	8259.09421	12	12	0	ANNUAL	AREA	S
610532.43	4206372.03	8639.08743	12	12	0	ANNUAL	AREA	S
610539.43	4206372.03	9046.3183	12	12	0	ANNUAL	AREA	S
610546.43	4206372.03	9483.57804	12	12	0	ANNUAL	AREA	S
610553.43	4206372.03	9954.49273	12	12	0	ANNUAL	AREA	S
610560.43	4206372.03	10469.21908	11.94	11.94	0	ANNUAL	AREA	S
610567.43	4206372.03	11030.11383	11.85	11.85	0	ANNUAL	AREA	S
610574.43	4206372.03	11641.17694	11.75	11.75	0	ANNUAL	AREA	S
610581.43	4206372.03	12307.54998	11.66	11.66	0	ANNUAL	AREA	S
610588.43	4206372.03	13041.72423	11.56	11.56	0	ANNUAL	AREA	S
610595.43	4206372.03	13856.58914	11.46	11.46	0	ANNUAL	AREA	S
610602.43	4206372.03	14768.76389	11.37	11.37	0	ANNUAL	AREA	S
610609.43	4206372.03	15805.10914	11.27	11.27	0	ANNUAL	AREA	S
610616.43	4206372.03	16989.33236	11.18	11.18	0	ANNUAL	AREA	S
610623.43	4206372.03	18355.89264	11.08	11.08	0	ANNUAL	AREA	S
610630.43	4206372.03	19925.59817	11	11	0	ANNUAL	AREA	S
610637.43	4206372.03	21707.21212	10.99	10.99	0	ANNUAL	AREA	S
610644.43	4206372.03	23766.36105	10.98	10.98	0	ANNUAL	AREA	S
610651.43	4206372.03	26148.36046	10.98	10.98	0	ANNUAL	AREA	S
610658.43	4206372.03	28910.14311	10.97	10.97	0	ANNUAL	AREA	S
610665.43	4206372.03	32058.76686	10.96	10.96	0	ANNUAL	AREA	S
610672.43	4206372.03	35568.88345	10.95	10.95	0	ANNUAL	AREA	S
610679.43	4206372.03	39383.78553	10.94	10.94	0	ANNUAL	AREA	S
610686.43	4206372.03	43428.75987	10.93	10.93	0	ANNUAL	AREA	S
610693.43	4206372.03	47604.45721	10.93	10.93	0	ANNUAL	AREA	S
610700.43	4206372.03	51872.65498	10.92	10.92	0	ANNUAL	AREA	S
610707.43	4206372.03	56278.99763	10.85	10.85	0	ANNUAL	AREA	S
610714.43	4206372.03	60716.29057	10.75	10.75	0	ANNUAL	AREA	S
610721.43	4206372.03	65061.16891	10.65	10.65	0	ANNUAL	AREA	S
610728.43	4206372.03	69234.05289	10.56	10.56	0	ANNUAL	AREA	S
610735.43	4206372.03	73238.43472	10.46	10.46	0	ANNUAL	AREA	S
610742.43	4206372.03	76998.64267	10.36	10.36	0	ANNUAL	AREA	S
610749.43	4206372.03	80444.49594	10.27	10.27	0	ANNUAL	AREA	S
610756.43	4206372.03	83577.25718	10.17	10.17	0	ANNUAL	AREA	S
610763.43	4206372.03	86291.4733	10.07	10.07	0	ANNUAL	AREA	S
610770.43	4206372.03	88314.49065	9.98	9.98	0	ANNUAL	AREA	S
610777.43	4206372.03	89831.60268	9.88	9.88	0	ANNUAL	AREA	S
610784.43	4206372.03	90787.55669	9.79	9.79	0	ANNUAL	AREA	S
610791.43	4206372.03	91158.84619	9.71	9.71	0	ANNUAL	AREA	S
610798.43	4206372.03	90965.88978	9.62	9.62	0	ANNUAL	AREA	S
610805.43	4206372.03	90253.96436	9.53	9.53	0	ANNUAL	AREA	S
610812.43	4206372.03	89113.18246	9.45	9.45	0	ANNUAL	AREA	S
610833.43	4206372.03	83998.6501	9.19	9.19	0	ANNUAL	AREA	S
610840.43	4206372.03	81965.8825	9.1	9.1	0	ANNUAL	AREA	S
610847.43	4206372.03	79859.45557	9.02	9.02	0	ANNUAL	AREA	S
610854.43	4206372.03	77723.49543	9	9	0	ANNUAL	AREA	S
610861.43	4206372.03	75576.9344	9	9	0	ANNUAL	AREA	S
610868.43	4206372.03	73437.81709	9	9	0	ANNUAL	AREA	S
610875.43	4206372.03	71321.7556	9	9	0	ANNUAL	AREA	S
610882.43	4206372.03	69239.91145	9	9	0	ANNUAL	AREA	S
610889.43	4206372.03	67200.42521	9	9	0	ANNUAL	AREA	S
610896.43	4206372.03	65208.60768	9	9	0	ANNUAL	AREA	S
610903.43	4206372.03	63268.13659	9	9	0	ANNUAL	AREA	S
610910.43	4206372.03	61380.97483	9	9	0	ANNUAL	AREA	S
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610924.43	4206372.03	57769.7511	9	9	0	ANNUAL	AREA	S
610931.43	4206372.03	56045.78778	9	9	0	ANNUAL	AREA	S
610938.43	4206372.03	54375.19463	9	9	0	ANNUAL	AREA	S
610945.43	4206372.03	52757.15514	9	9	0	ANNUAL	AREA	S
610952.43	4206372.03	51190.52172	9	9	0	ANNUAL	AREA	S
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610966.43	4206372.03	48205.43666	9	9	0	ANNUAL	AREA	S
610973.43	4206372.03	46784.17433	9	9	0	ANNUAL	AREA	S
610980.43	4206372.03	45408.53233	9	9	0	ANNUAL	AREA	S
610987.43	4206372.03	44076.99724	9	9	0	ANNUAL	AREA	S
610994.43	4206372.03	42788.25976	9	9	0	ANNUAL	AREA	S
611001.43	4206372.03	41540.76527	9	9	0	ANNUAL	AREA	S
611022.43	4206372.03	38032.50937	9	9	0	ANNUAL	AREA	S
611029.43	4206372.03	36936.94639	9	9	0	ANNUAL	AREA	S
611036.43	4206372.03	35876.0946	9	9	0	ANNUAL	AREA	S
611043.43	4206372.03	34849.19304	9	9	0	ANNUAL	AREA	S
611050.43	4206372.03	33854.69949	9	9	0	ANNUAL	AREA	S
611057.43	4206372.03	32891.83239	9	9	0	ANNUAL	AREA	S
611064.43	4206372.03	31959.30311	9	9	0	ANNUAL	AREA	S
611078.43	4206372.03	30181.74774	9	9	0	ANNUAL	AREA	S
611085.43	4206372.03	29334.78028	9	9	0	ANNUAL	AREA	S
611092.43	4206372.03	28514.37707	9	9	0	ANNUAL	AREA	S
610294.43	4206379.03	2677.20668	11.42	11.42	0	ANNUAL	AREA	S
610301.43	4206379.03	2743.2965	11.52	11.52	0	ANNUAL	AREA	S
610308.43	4206379.03	2812.03764	11.62	11.62	0	ANNUAL	AREA	S
610315.43	4206379.03	2883.76155	11.71	11.71	0	ANNUAL	AREA	S
610322.43	4206379.03	2958.19608	11.81	11.81	0	ANNUAL	AREA	S
610329.43	4206379.03	3035.94862	11.9	11.9	0	ANNUAL	AREA	S
610336.43	4206379.03	3116.72961	12	12	0	ANNUAL	AREA	S
610343.43	4206379.03	3203.51688	12	12	0	ANNUAL	AREA	S
610350.43	4206379.03	3294.11663	12	12	0	ANNUAL	AREA	S
610357.43	4206379.03	3388.66947	12	12	0	ANNUAL	AREA	S
610364.43	4206379.03	3487.53662	12	12	0	ANNUAL	AREA	S
610371.43	4206379.03	3590.81921	12	12	0	ANNUAL	AREA	S
610378.43	4206379.03	3698.90027	12	12	0	ANNUAL	AREA	S
610385.43	4206379.03	3811.98519	12	12	0	ANNUAL	AREA	S
610392.43	4206379.03	3930.42943	12	12	0	ANNUAL	AREA	S
610399.43	4206379.03	4054.45822	12	12	0	ANNUAL	AREA	S
610406.43	4206379.03	4184.51872	12	12	0	ANNUAL	AREA	S
610413.43	4206379.03	4320.9233	12	12	0	ANNUAL	AREA	S
610420.43	4206379.03	4464.04033	12	12	0	ANNUAL	AREA	S
610427.43	4206379.03	4614.3858	12	12	0	ANNUAL	AREA	S
610434.43	4206379.03	4772.29606	12	12	0	ANNUAL	AREA	S
610441.43	4206379.03	4938.38686	12	12	0	ANNUAL	AREA	S
610448.43	4206379.03	5113.09255	12	12	0	ANNUAL	AREA	S
610455.43	4206379.03	5297.08324	12	12	0	ANNUAL	AREA	S
610462.43	4206379.03	5490.89319	12	12	0	ANNUAL	AREA	S
610469.43	4206379.03	5695.30718	12	12	0	ANNUAL	AREA	S
610476.43	4206379.03	5911.04714	12	12	0	ANNUAL	AREA	S
610497.43	4206379.03	6635.03978	12	12	0	ANNUAL	AREA	S
610504.43	4206379.03	6905.44032	12	12	0	ANNUAL	AREA	S
610511.43	4206379.03	7192.40367	12	12	0	ANNUAL	AREA	S
610518.43	4206379.03	7497.408	12	12	0	ANNUAL	AREA	S
610525.43	4206379.03	7822.07687	12	12	0	ANNUAL	AREA	S
610532.43	4206379.03	8168.23071	12	12	0	ANNUAL	AREA	S
610539.43	4206379.03	8538.12686	12	12	0	ANNUAL	AREA	S
610546.43	4206379.03	8934.0704	12	12	0	ANNUAL	AREA	S
610553.43	4206379.03	9359.02012	12	12	0	ANNUAL	AREA	S
610560.43	4206379.03	9821.7544	11.94	11.94	0	ANNUAL	AREA	S
610567.43	4206379.03	10324.07502	11.85	11.85	0	ANNUAL	AREA	S
610574.43	4206379.03	10869.48775	11.75	11.75	0	ANNUAL	AREA	S
610581.43	4206379.03	11462.64647	11.66	11.66	0	ANNUAL	AREA	S
610588.43	4206379.03	12114.20301	11.56	11.56	0	ANNUAL	AREA	S
610595.43	4206379.03	12834.29777	11.47	11.47	0	ANNUAL	AREA	S
610602.43	4206379.03	13640.11315	11.37	11.37	0	ANNUAL	AREA	S
610609.43	4206379.03	14549.01339	11.27	11.27	0	ANNUAL	AREA	S
610616.43	4206379.03	15579.16442	11.18	11.18	0	ANNUAL	AREA	S
610623.43	4206379.03	16753.14683	11.08	11.08	0	ANNUAL	AREA	S
610630.43	4206379.03	18090.29213	11	11	0	ANNUAL	AREA	S
610637.43	4206379.03	19582.10747	11	11	0	ANNUAL	AREA	S
610644.43	4206379.03	21279.43252	11	11	0	ANNUAL	AREA	S
610651.43	4206379.03	23216.98612	11	11	0	ANNUAL	AREA	S
610658.43	4206379.03	25428.04146	11	11	0	ANNUAL	AREA	S
610665.43	4206379.03	27932.52541	11	11	0	ANNUAL	AREA	S
610672.43	4206379.03	30727.8787	11	11	0	ANNUAL	AREA	S
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610686.43	4206379.03	37085.03588	10.99	10.99	0	ANNUAL	AREA	S
610693.43	4206379.03	40537.01098	10.99	10.99	0	ANNUAL	AREA	S
610700.43	4206379.03	44100.81014	10.99	10.99	0	ANNUAL	AREA	S
610707.43	4206379.03	47849.48122	10.92	10.92	0	ANNUAL	AREA	S
610714.43	4206379.03	51676.26878	10.82	10.82	0	ANNUAL	AREA	S
610721.43	4206379.03	55454.09204	10.73	10.73	0	ANNUAL	AREA	S
610728.43	4206379.03	59173.31306	10.63	10.63	0	ANNUAL	AREA	S
610749.43	4206379.03	69374.69733	10.34	10.34	0	ANNUAL	AREA	S
610756.43	4206379.03	72330.73878	10.24	10.24	0	ANNUAL	AREA	S
610763.43	4206379.03	74967.45939	10.15	10.15	0	ANNUAL	AREA	S
610770.43	4206379.03	77211.58129	10.05	10.05	0	ANNUAL	AREA	S
610777.43	4206379.03	78901.21119	9.95	9.95	0	ANNUAL	AREA	S
610784.43	4206379.03	80164.45681	9.86	9.86	0	ANNUAL	AREA	S
610791.43	4206379.03	80973.91292	9.77	9.77	0	ANNUAL	AREA	S
610798.43	4206379.03	81325.27687	9.67	9.67	0	ANNUAL	AREA	S

610805.43	4206379.03	81242.45287	9.58	9.58	0	ANNUAL	AREA	5
610812.43	4206379.03	80751.47286	9.48	9.48	0	ANNUAL	AREA	5
610833.43	4206379.03	77539.01233	9.2	9.2	0	ANNUAL	AREA	5
610840.43	4206379.03	76073.32715	9.11	9.11	0	ANNUAL	AREA	5
610847.43	4206379.03	74488.14959	9.02	9.02	0	ANNUAL	AREA	5
610854.43	4206379.03	72829.64512	9	9	0	ANNUAL	AREA	5
610861.43	4206379.03	71118.14699	9	9	0	ANNUAL	AREA	5
610868.43	4206379.03	69374.0665	9	9	0	ANNUAL	AREA	5
610875.43	4206379.03	67616.13299	9	9	0	ANNUAL	AREA	5
610882.43	4206379.03	65858.82717	9	9	0	ANNUAL	AREA	5
610889.43	4206379.03	64113.23472	9	9	0	ANNUAL	AREA	5
610896.43	4206379.03	62387.98533	9	9	0	ANNUAL	AREA	5
610903.43	4206379.03	60689.36714	9	9	0	ANNUAL	AREA	5
610910.43	4206379.03	59021.83078	9	9	0	ANNUAL	AREA	5
610917.43	4206379.03	57388.78245	9	9	0	ANNUAL	AREA	5
610924.43	4206379.03	55792.75699	9	9	0	ANNUAL	AREA	5
610931.43	4206379.03	54235.04166	9	9	0	ANNUAL	AREA	5
610938.43	4206379.03	52716.46017	9	9	0	ANNUAL	AREA	5
610945.43	4206379.03	51237.51247	9	9	0	ANNUAL	AREA	5
610952.43	4206379.03	49798.23707	9	9	0	ANNUAL	AREA	5
610959.43	4206379.03	48398.56147	9	9	0	ANNUAL	AREA	5
610966.43	4206379.03	47037.84436	9	9	0	ANNUAL	AREA	5
610973.43	4206379.03	45715.60507	9	9	0	ANNUAL	AREA	5
610980.43	4206379.03	44431.25188	9	9	0	ANNUAL	AREA	5
610987.43	4206379.03	43183.93026	9	9	0	ANNUAL	AREA	5
610994.43	4206379.03	41972.77037	9	9	0	ANNUAL	AREA	5
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611022.43	4206379.03	37473.55189	9	9	0	ANNUAL	AREA	5
611029.43	4206379.03	36430.61165	9	9	0	ANNUAL	AREA	5
611036.43	4206379.03	35418.74483	9	9	0	ANNUAL	AREA	5
611043.43	4206379.03	34436.93634	9	9	0	ANNUAL	AREA	5
611050.43	4206379.03	33484.41832	9	9	0	ANNUAL	AREA	5
611057.43	4206379.03	32560.4366	9	9	0	ANNUAL	AREA	5
611064.43	4206379.03	31663.99935	9	9	0	ANNUAL	AREA	5
611078.43	4206379.03	29950.93739	9	9	0	ANNUAL	AREA	5
611085.43	4206379.03	29132.73271	9	9	0	ANNUAL	AREA	5
611092.43	4206379.03	28339.05794	9	9	0	ANNUAL	AREA	5
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610301.43	4206386.03	2667.07022	11.52	11.52	0	ANNUAL	AREA	5
610308.43	4206386.03	2732.85546	11.62	11.62	0	ANNUAL	AREA	5
610315.43	4206386.03	2801.48267	11.71	11.71	0	ANNUAL	AREA	5
610322.43	4206386.03	2872.63619	11.81	11.81	0	ANNUAL	AREA	5
610329.43	4206386.03	2946.89281	11.9	11.9	0	ANNUAL	AREA	5
610336.43	4206386.03	3023.98323	12	12	0	ANNUAL	AREA	5
610343.43	4206386.03	3106.8142	12	12	0	ANNUAL	AREA	5
610350.43	4206386.03	3193.13888	12	12	0	ANNUAL	AREA	5
610357.43	4206386.03	3283.22843	12	12	0	ANNUAL	AREA	5
610364.43	4206386.03	3377.24906	12	12	0	ANNUAL	AREA	5
610371.43	4206386.03	3475.4808	12	12	0	ANNUAL	AREA	5
610378.43	4206386.03	3578.11044	12	12	0	ANNUAL	AREA	5
610385.43	4206386.03	3685.39991	12	12	0	ANNUAL	AREA	5
610392.43	4206386.03	3797.59968	12	12	0	ANNUAL	AREA	5
610399.43	4206386.03	3915.06409	12	12	0	ANNUAL	AREA	5
610406.43	4206386.03	4038.00591	12	12	0	ANNUAL	AREA	5
610413.43	4206386.03	4166.75786	12	12	0	ANNUAL	AREA	5
610420.43	4206386.03	4301.80145	12	12	0	ANNUAL	AREA	5
610427.43	4206386.03	4443.29577	12	12	0	ANNUAL	AREA	5
610434.43	4206386.03	4591.82371	12	12	0	ANNUAL	AREA	5
610441.43	4206386.03	4747.75368	12	12	0	ANNUAL	AREA	5
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610462.43	4206386.03	5264.82156	12	12	0	ANNUAL	AREA	5
610469.43	4206386.03	5455.43819	12	12	0	ANNUAL	AREA	5
610476.43	4206386.03	5656.23905	12	12	0	ANNUAL	AREA	5
610497.43	4206386.03	6327.34205	12	12	0	ANNUAL	AREA	5
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610511.43	4206386.03	6841.25058	12	12	0	ANNUAL	AREA	5
610518.43	4206386.03	7121.40615	12	12	0	ANNUAL	AREA	5
610525.43	4206386.03	7418.96758	12	12	0	ANNUAL	AREA	5
610532.43	4206386.03	7735.33299	12	12	0	ANNUAL	AREA	5
610539.43	4206386.03	8072.44848	12	12	0	ANNUAL	AREA	5
610546.43	4206386.03	8432.35605	12	12	0	ANNUAL	AREA	5
610553.43	4206386.03	8817.39131	12	12	0	ANNUAL	AREA	5
610560.43	4206386.03	9234.49855	11.95	11.95	0	ANNUAL	AREA	5
610567.43	4206386.03	9686.72253	11.86	11.86	0	ANNUAL	AREA	5
610574.43	4206386.03	10175.54274	11.77	11.77	0	ANNUAL	AREA	5
610581.43	4206386.03	10706.73293	11.68	11.68	0	ANNUAL	AREA	5
610588.43	4206386.03	11288.05177	11.59	11.59	0	ANNUAL	AREA	5
610595.43	4206386.03	11928.48306	11.51	11.51	0	ANNUAL	AREA	5
610602.43	4206386.03	12642.08454	11.42	11.42	0	ANNUAL	AREA	5
610609.43	4206386.03	13442.27246	11.33	11.33	0	ANNUAL	AREA	5
610616.43	4206386.03	14343.63463	11.24	11.24	0	ANNUAL	AREA	5
610623.43	4206386.03	15360.85229	11.15	11.15	0	ANNUAL	AREA	5
610630.43	4206386.03	16506.04981	11.07	11.07	0	ANNUAL	AREA	5
610637.43	4206386.03	17772.02353	11.07	11.07	0	ANNUAL	AREA	5
610644.43	4206386.03	19198.25601	11.06	11.06	0	ANNUAL	AREA	5
610651.43	4206386.03	20806.24259	11.05	11.05	0	ANNUAL	AREA	5
610658.43	4206386.03	22621.44989	11.04	11.04	0	ANNUAL	AREA	5
610665.43	4206386.03	24656.95339	11.04	11.04	0	ANNUAL	AREA	5
610672.43	4206386.03	26933.85114	11.03	11.03	0	ANNUAL	AREA	5
610679.43	4206386.03	29437.85418	11.02	11.02	0	ANNUAL	AREA	5
610686.43	4206386.03	32145.85175	11.01	11.01	0	ANNUAL	AREA	5
610693.43	4206386.03	35010.86364	11.01	11.01	0	ANNUAL	AREA	5
610700.43	4206386.03	38017.34645	11	11	0	ANNUAL	AREA	5
610707.43	4206386.03	41204.5958	10.93	10.93	0	ANNUAL	AREA	5
610714.43	4206386.03	44481.68458	10.84	10.84	0	ANNUAL	AREA	5
610721.43	4206386.03	47791.72648	10.74	10.74	0	ANNUAL	AREA	5
610749.43	4206386.03	60274.88121	10.36	10.36	0	ANNUAL	AREA	5
610756.43	4206386.03	63031.05041	10.26	10.26	0	ANNUAL	AREA	5
610763.43	4206386.03	65543.26886	10.17	10.17	0	ANNUAL	AREA	5
610770.43	4206386.03	67795.06385	10.07	10.07	0	ANNUAL	AREA	5
610777.43	4206386.03	69550.36223	9.97	9.97	0	ANNUAL	AREA	5
610784.43	4206386.03	70979.92214	9.88	9.88	0	ANNUAL	AREA	5
610791.43	4206386.03	72056.09616	9.78	9.78	0	ANNUAL	AREA	5
610798.43	4206386.03	72764.93083	9.69	9.69	0	ANNUAL	AREA	5
610805.43	4206386.03	73110.91016	9.59	9.59	0	ANNUAL	AREA	5
610812.43	4206386.03	73103.06844	9.5	9.5	0	ANNUAL	AREA	5
610833.43	4206386.03	71398.28978	9.21	9.21	0	ANNUAL	AREA	5
610840.43	4206386.03	70409.55186	9.11	9.11	0	ANNUAL	AREA	5
610847.43	4206386.03	69276.57194	9.02	9.02	0	ANNUAL	AREA	5
610854.43	4206386.03	68039.63323	9	9	0	ANNUAL	AREA	5
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610903.43	4206386.03	58054.54156	9	9	0	ANNUAL	AREA	5
610910.43	4206386.03	56600.75696	9	9	0	ANNUAL	AREA	5
610917.43	4206386.03	55163.50699	9	9	0	ANNUAL	AREA	5
610924.43	4206386.03	53746.76042	9	9	0	ANNUAL	AREA	5
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610973.43	4206386.03	44579.17527	9	9	0	ANNUAL	AREA	5
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610987.43	4206386.03	42225.89962	9	9	0	ANNUAL	AREA	5
611015.43	4206386.03	37874.48884	9	9	0	ANNUAL	AREA	5
611022.43	4206386.03	36858.29887	9	9	0	ANNUAL	AREA	5
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611036.43	4206386.03	34908.41925	9	9	0	ANNUAL	AREA	5
611043.43	4206386.03	33973.55153	9	9	0	ANNUAL	AREA	5
611050.43	4206386.03	33064.78712	9	9	0	ANNUAL	AREA	5
611057.43	4206386.03	32181.29352	9	9	0	ANNUAL	AREA	5
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611078.43	4206386.03	29677.14838	9	9	0	ANNUAL	AREA	5
611085.43	4206386.03	28888.14753	9	9	0	ANNUAL	AREA	5
611092.43	4206386.03	28123.67006	9	9	0	ANNUAL	AREA	5
610294.43	4206393.03	2532.50589	11.43	11.43	0	ANNUAL	AREA	5
610301.43	4206393.03	2593.34405	11.52	11.52	0	ANNUAL	AREA	5
610308.43	4206393.03	2656.3205	11.62	11.62	0	ANNUAL	AREA	5
610315.43	4206393.03	2721.98728	11.71	11.71	0	ANNUAL	AREA	5
610322.43	4206393.03	2790.02209	11.81	11.81	0	ANNUAL	AREA	5
610329.43	4206393.03	2861.02403	11.9	11.9	0	ANNUAL	AREA	5
610336.43	4206393.03	2934.66612	12	12	0	ANNUAL	AREA	5
610343.43	4206393.03	3013.67224	12	12	0	ANNUAL	AREA	5
610350.43	4206393.03	3096.03958	12	12	0	ANNUAL	AREA	5
610357.43	4206393.03	3181.88606	12	12	0	ANNUAL	AREA	5
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610371.43	4206393.03	3364.85494	12	12	0	ANNUAL	AREA	5
610378.43	4206393.03	3462.39554	12	12	0	ANNUAL	AREA	5
610385.43	4206393.03	3564.23191	12	12	0	ANNUAL	AREA	5
610392.43	4206393.03	3670.69936	12	12	0	ANNUAL	AREA	5
610399.43	4206393.03	3781.91571	12	12	0	ANNUAL	AREA	5
610406.43	4206393.03	3898.24155	12	12	0	ANNUAL	AREA	5
610413.43	4206393.03	4020.00742	12	12	0	ANNUAL	AREA	5
610420.43	4206393.03	4147.38068	12	12	0	ANNUAL	AREA	5
610427.43	4206393.03	4280.8194	12	12	0	ANNUAL	AREA	5
610434.43	4206393.03	4420.62731	12	12	0	ANNUAL	AREA	5
610441.43	4206393.03	4567.22355	12	12	0	ANNUAL	AREA	5
610448.43	4206393.03	4720.95304	12	12	0	ANNUAL	AREA	5
610455.43	4206393.03	4882.29871	12	12	0	ANNUAL	AREA	5
610462.43	4206393.03	5051.74579	12	12	0	ANNUAL	AREA	5
610469.43	4206393.03	5229.79871	12	12	0	ANNUAL	AREA	5
610476.43	4206393.03	5416.99687	12	12	0	ANNUAL	AREA	5
610497.43	4206393.03	6040.41032	12	12	0	ANNUAL	AREA	5
610504.43	4206393.03	6271.34587	12	12	0	ANNUAL	AREA	5
610511.43	4206393.03	6515.3333	12	12	0	ANNUAL	AREA	5
610518.43	4206393.03	6773.4405	12	12	0	ANNUAL	AREA	5
610525.43	4206393.03	7046.8358	12	12	0	ANNUAL	AREA	5
610532.43	4206393.03	7336.80766	12	12	0	ANNUAL	AREA	5
610539.43	4206393.03	7645.08234	12	12	0	ANNUAL	AREA	5
610546.43	4206393.03	7973.30612	12	12	0	ANNUAL	AREA	5
610553.43	4206393.03	8323.57761	12	12	0	ANNUAL	AREA	5
610560.43	4206393.03	8701.95507	11.95	11.95	0	ANNUAL	AREA	5
610567.43	4206393.03	9110.23658	11.87	11.87	0	ANNUAL	AREA	5
610574.43	4206393.03	9550.61925	11.79	11.79	0	ANNUAL	AREA	5
610581.43	4206393.03	10028.36036	11.71	11.71	0	ANNUAL	AREA	5
610588.43	4206393.03	10550.00096	11.63	11.63	0	ANNUAL	AREA	5
610595.43	4206393.03	11124.74858	11.54	11.54	0	ANNUAL	AREA	5
610602.43	4206393.03	11761.00986	11.46	11.46	0	ANNUAL	AREA	5
610609.43	4206393.03	12470.0705	11.38	11.38	0	ANNUAL	AREA	5
610616.43	4206393.03	13263.19521	11.3	11.3	0	ANNUAL	AREA	5
610623.43	4206393.03	14150.77354	11.22	11.22	0	ANNUAL	AREA	5
610630.43	4206393.03	15140.80014	11.15	11.15	0	ANNUAL	AREA	5
610637.43	4206393.03	16232.89105	11.13	11.13	0	ANNUAL	AREA	5
610644.43	4206393.03	17445.82765	11.12	11.12	0	ANNUAL	AREA	5
610651.43	4206393.03	18802.15157	11.1	11.1	0	ANNUAL	AREA	5
610658.43	4206393.03	20313.54761	11.09	11.09	0	ANNUAL	AREA	5
610665.43	4206393.03	22006.67864	11.07	11.07	0	ANNUAL	AREA	5
610672.43	4206393.03	23881.76488	11.06	11.06	0	ANNUAL	AREA	5
610679.43	4206393.03	25953.07226	11.04	11.04	0	ANNUAL	AREA	5
610686.43	4206393.03	28194.91596	11.03	11.03	0	ANNUAL	AREA	5

610693.43	4206393.03	30594.35169	11.02	11.02	0	ANNUAL	AREA	S
610700.43	4206393.03	33136.55772	11	11	0	ANNUAL	AREA	S
610707.43	4206393.03	35846.75656	10.93	10.93	0	ANNUAL	AREA	S
610714.43	4206393.03	38678.55504	10.83	10.83	0	ANNUAL	AREA	S
610721.43	4206393.03	41539.53963	10.74	10.74	0	ANNUAL	AREA	S
610742.43	4206393.03	50034.44032	10.45	10.45	0	ANNUAL	AREA	S
610749.43	4206393.03	52693.8398	10.36	10.36	0	ANNUAL	AREA	S
610756.43	4206393.03	55240.26733	10.26	10.26	0	ANNUAL	AREA	S
610763.43	4206393.03	57623.30896	10.16	10.16	0	ANNUAL	AREA	S
610770.43	4206393.03	59768.46044	10.07	10.07	0	ANNUAL	AREA	S
610777.43	4206393.03	61521.57446	9.97	9.97	0	ANNUAL	AREA	S
610784.43	4206393.03	63023.74004	9.88	9.88	0	ANNUAL	AREA	S
610791.43	4206393.03	64251.0272	9.78	9.78	0	ANNUAL	AREA	S
610798.43	4206393.03	65185.49686	9.69	9.69	0	ANNUAL	AREA	S
610805.43	4206393.03	65821.65465	9.59	9.59	0	ANNUAL	AREA	S
610812.43	4206393.03	66156.07954	9.5	9.5	0	ANNUAL	AREA	S
610833.43	4206393.03	65621.1684	9.21	9.21	0	ANNUAL	AREA	S
610840.43	4206393.03	65026.79581	9.11	9.11	0	ANNUAL	AREA	S
610847.43	4206393.03	64276.23439	9.02	9.02	0	ANNUAL	AREA	S
610854.43	4206393.03	63403.4625	9	9	0	ANNUAL	AREA	S
610861.43	4206393.03	62427.08573	9	9	0	ANNUAL	AREA	S
610868.43	4206393.03	61367.11377	9	9	0	ANNUAL	AREA	S
610875.43	4206393.03	60242.81776	9	9	0	ANNUAL	AREA	S
610882.43	4206393.03	59070.27069	9	9	0	ANNUAL	AREA	S
610889.43	4206393.03	57863.32341	9	9	0	ANNUAL	AREA	S
610896.43	4206393.03	56633.40514	9	9	0	ANNUAL	AREA	S
610903.43	4206393.03	55390.06035	9	9	0	ANNUAL	AREA	S
610910.43	4206393.03	54141.19966	9	9	0	ANNUAL	AREA	S
610917.43	4206393.03	52892.8726	9	9	0	ANNUAL	AREA	S
610924.43	4206393.03	51650.56105	9	9	0	ANNUAL	AREA	S
610931.43	4206393.03	50418.16078	9	9	0	ANNUAL	AREA	S
610938.43	4206393.03	49199.41087	9	9	0	ANNUAL	AREA	S
610945.43	4206393.03	47996.67599	9	9	0	ANNUAL	AREA	S
610952.43	4206393.03	46812.23604	9	9	0	ANNUAL	AREA	S
610959.43	4206393.03	45647.70446	9	9	0	ANNUAL	AREA	S
610966.43	4206393.03	44504.31982	9	9	0	ANNUAL	AREA	S
610973.43	4206393.03	43383.17884	9	9	0	ANNUAL	AREA	S
610980.43	4206393.03	42284.66526	9	9	0	ANNUAL	AREA	S
610987.43	4206393.03	41209.702	9	9	0	ANNUAL	AREA	S
611008.43	4206393.03	38126.88561	9	9	0	ANNUAL	AREA	S
611015.43	4206393.03	37146.94216	9	9	0	ANNUAL	AREA	S
611022.43	4206393.03	36190.76234	9	9	0	ANNUAL	AREA	S
611029.43	4206393.03	35258.00394	9	9	0	ANNUAL	AREA	S
611036.43	4206393.03	34348.53917	9	9	0	ANNUAL	AREA	S
611043.43	4206393.03	33462.11424	9	9	0	ANNUAL	AREA	S
611050.43	4206393.03	32598.27253	9	9	0	ANNUAL	AREA	S
611057.43	4206393.03	31756.72987	9	9	0	ANNUAL	AREA	S
611064.43	4206393.03	30937.14476	9	9	0	ANNUAL	AREA	S
611078.43	4206393.03	29362.01341	9	9	0	ANNUAL	AREA	S
611085.43	4206393.03	28605.67914	9	9	0	ANNUAL	AREA	S
611092.43	4206393.03	27869.5979	9	9	0	ANNUAL	AREA	S
610294.43	4206400.03	2463.79097	11.43	11.43	0	ANNUAL	AREA	S
610301.43	4206400.03	2522.10384	11.52	11.52	0	ANNUAL	AREA	S
610308.43	4206400.03	2582.44814	11.62	11.62	0	ANNUAL	AREA	S
610315.43	4206400.03	2645.32287	11.71	11.71	0	ANNUAL	AREA	S
610322.43	4206400.03	2710.41485	11.81	11.81	0	ANNUAL	AREA	S
610329.43	4206400.03	2778.10128	11.91	11.91	0	ANNUAL	AREA	S
610336.43	4206400.03	2848.65698	12	12	0	ANNUAL	AREA	S
610343.43	4206400.03	2924.14608	12	12	0	ANNUAL	AREA	S
610350.43	4206400.03	3002.73879	12	12	0	ANNUAL	AREA	S
610357.43	4206400.03	3084.58266	12	12	0	ANNUAL	AREA	S
610364.43	4206400.03	3169.92699	12	12	0	ANNUAL	AREA	S
610371.43	4206400.03	3258.85993	12	12	0	ANNUAL	AREA	S
610378.43	4206400.03	3351.60792	12	12	0	ANNUAL	AREA	S
610385.43	4206400.03	3448.42058	12	12	0	ANNUAL	AREA	S
610392.43	4206400.03	3549.40314	12	12	0	ANNUAL	AREA	S
610399.43	4206400.03	3654.90966	12	12	0	ANNUAL	AREA	S
610406.43	4206400.03	3765.11797	12	12	0	ANNUAL	AREA	S
610413.43	4206400.03	3880.23643	12	12	0	ANNUAL	AREA	S
610420.43	4206400.03	4000.64464	12	12	0	ANNUAL	AREA	S
610427.43	4206400.03	4126.58557	12	12	0	ANNUAL	AREA	S
610434.43	4206400.03	4258.34866	12	12	0	ANNUAL	AREA	S
610441.43	4206400.03	4396.30754	12	12	0	ANNUAL	AREA	S
610448.43	4206400.03	4540.80378	12	12	0	ANNUAL	AREA	S
610455.43	4206400.03	4692.2544	12	12	0	ANNUAL	AREA	S
610462.43	4206400.03	4851.01522	12	12	0	ANNUAL	AREA	S
610469.43	4206400.03	5017.5923	12	12	0	ANNUAL	AREA	S
610476.43	4206400.03	5192.51614	12	12	0	ANNUAL	AREA	S
610497.43	4206400.03	5772.64488	12	12	0	ANNUAL	AREA	S
610504.43	4206400.03	5986.79266	12	12	0	ANNUAL	AREA	S
610511.43	4206400.03	6212.5145	12	12	0	ANNUAL	AREA	S
610518.43	4206400.03	6450.82741	12	12	0	ANNUAL	AREA	S
610525.43	4206400.03	6702.70574	12	12	0	ANNUAL	AREA	S
610532.43	4206400.03	6969.3164	12	12	0	ANNUAL	AREA	S
610539.43	4206400.03	7252.0292	12	12	0	ANNUAL	AREA	S
610546.43	4206400.03	7552.32943	12	12	0	ANNUAL	AREA	S
610553.43	4206400.03	7872.13676	12	12	0	ANNUAL	AREA	S
610560.43	4206400.03	8216.59241	11.95	11.95	0	ANNUAL	AREA	S
610567.43	4206400.03	8586.93844	11.88	11.88	0	ANNUAL	AREA	S
610574.43	4206400.03	8985.68351	11.81	11.81	0	ANNUAL	AREA	S
610581.43	4206400.03	9418.09957	11.73	11.73	0	ANNUAL	AREA	S
610588.43	4206400.03	9888.67922	11.66	11.66	0	ANNUAL	AREA	S
610595.43	4206400.03	10405.79199	11.58	11.58	0	ANNUAL	AREA	S
610602.43	4206400.03	10975.72478	11.51	11.51	0	ANNUAL	AREA	S
610609.43	4206400.03	11607.61584	11.44	11.44	0	ANNUAL	AREA	S
610616.43	4206400.03	12311.18149	11.36	11.36	0	ANNUAL	AREA	S
610623.43	4206400.03	13091.4644	11.29	11.29	0	ANNUAL	AREA	S
610630.43	4206400.03	13957.02353	11.22	11.22	0	ANNUAL	AREA	S
610637.43	4206400.03	14904.56098	11.2	11.2	0	ANNUAL	AREA	S
610644.43	4206400.03	15950.70959	11.18	11.18	0	ANNUAL	AREA	S
610651.43	4206400.03	17107.08803	11.16	11.16	0	ANNUAL	AREA	S
610658.43	4206400.03	18391.52752	11.13	11.13	0	ANNUAL	AREA	S
610665.43	4206400.03	19811.51403	11.11	11.11	0	ANNUAL	AREA	S
610672.43	4206400.03	21381.73418	11.09	11.09	0	ANNUAL	AREA	S
610679.43	4206400.03	23107.42762	11.07	11.07	0	ANNUAL	AREA	S
610686.43	4206400.03	24986.28198	11.05	11.05	0	ANNUAL	AREA	S
610693.43	4206400.03	27007.63771	11.03	11.03	0	ANNUAL	AREA	S
610700.43	4206400.03	29154.00575	11.01	11.01	0	ANNUAL	AREA	S
610707.43	4206400.03	31472.33159	10.93	10.93	0	ANNUAL	AREA	S
610714.43	4206400.03	33905.44659	10.83	10.83	0	ANNUAL	AREA	S
610721.43	4206400.03	36386.86036	10.74	10.74	0	ANNUAL	AREA	S
610735.43	4206400.03	41417.18998	10.55	10.55	0	ANNUAL	AREA	S
610742.43	4206400.03	43805.17772	10.45	10.45	0	ANNUAL	AREA	S
610749.43	4206400.03	46330.33686	10.35	10.35	0	ANNUAL	AREA	S
610756.43	4206400.03	48846.02621	10.26	10.26	0	ANNUAL	AREA	S
610763.43	4206400.03	50863.18322	10.16	10.16	0	ANNUAL	AREA	S
610770.43	4206400.03	52896.42042	10.07	10.07	0	ANNUAL	AREA	S
610777.43	4206400.03	54603.12586	9.97	9.97	0	ANNUAL	AREA	S
610784.43	4206400.03	56117.20601	9.88	9.88	0	ANNUAL	AREA	S
610791.43	4206400.03	57416.8293	9.78	9.78	0	ANNUAL	AREA	S
610798.43	4206400.03	58484.28122	9.69	9.69	0	ANNUAL	AREA	S
610805.43	4206400.03	59309.05125	9.59	9.59	0	ANNUAL	AREA	S
610812.43	4206400.03	59880.10295	9.49	9.49	0	ANNUAL	AREA	S
610833.43	4206400.03	60232.73863	9.21	9.21	0	ANNUAL	AREA	S
610840.43	4206400.03	59957.14518	9.11	9.11	0	ANNUAL	AREA	S
610847.43	4206400.03	59523.06534	9.02	9.02	0	ANNUAL	AREA	S
610854.43	4206400.03	58959.17701	9	9	0	ANNUAL	AREA	S
610861.43	4206400.03	58280.69634	9	9	0	ANNUAL	AREA	S
610868.43	4206400.03	57505.25222	9	9	0	ANNUAL	AREA	S
610875.43	4206400.03	56650.41466	9	9	0	ANNUAL	AREA	S
610882.43	4206400.03	55731.99862	9	9	0	ANNUAL	AREA	S
610889.43	4206400.03	54763.5381	9	9	0	ANNUAL	AREA	S
610896.43	4206400.03	53756.41634	9	9	0	ANNUAL	AREA	S
610903.43	4206400.03	52720.98781	9	9	0	ANNUAL	AREA	S
610910.43	4206400.03	51665.51663	9	9	0	ANNUAL	AREA	S
610917.43	4206400.03	50597.32761	9	9	0	ANNUAL	AREA	S
610924.43	4206400.03	49522.22297	9	9	0	ANNUAL	AREA	S
610931.43	4206400.03	48445.2642	9	9	0	ANNUAL	AREA	S
610938.43	4206400.03	47370.6674	9	9	0	ANNUAL	AREA	S
610945.43	4206400.03	46302.11681	9	9	0	ANNUAL	AREA	S
610952.43	4206400.03	45242.07178	9	9	0	ANNUAL	AREA	S
610959.43	4206400.03	44193.2913	9	9	0	ANNUAL	AREA	S
610966.43	4206400.03	43157.46334	9	9	0	ANNUAL	AREA	S
610973.43	4206400.03	42136.1683	9	9	0	ANNUAL	AREA	S
610980.43	4206400.03	41130.93404	9	9	0	ANNUAL	AREA	S
611008.43	4206400.03	37285.30099	9	9	0	ANNUAL	AREA	S
611015.43	4206400.03	36370.62172	9	9	0	ANNUAL	AREA	S
611022.43	4206400.03	35475.1813	9	9	0	ANNUAL	AREA	S
611029.43	4206400.03	34599.25068	9	9	0	ANNUAL	AREA	S
611036.43	4206400.03	33742.71983	9	9	0	ANNUAL	AREA	S
611043.43	4206400.03	32905.69878	9	9	0	ANNUAL	AREA	S
611050.43	4206400.03	32087.95138	9	9	0	ANNUAL	AREA	S
611057.43	4206400.03	31289.47618	9	9	0	ANNUAL	AREA	S
611064.43	4206400.03	30510.10606	9	9	0	ANNUAL	AREA	S
611078.43	4206400.03	29007.61214	9	9	0	ANNUAL	AREA	S
611085.43	4206400.03	28284.04603	9	9	0	ANNUAL	AREA	S
611092.43	4206400.03	27578.58513	9	9	0	ANNUAL	AREA	S
610294.43	4206407.03	2397.3967	11.43	11.43	0	ANNUAL	AREA	S
610301.43	4206407.03	2453.31665	11.52	11.52	0	ANNUAL	AREA	S
610308.43	4206407.03	2511.17056	11.62	11.62	0	ANNUAL	AREA	S
610315.43	4206407.03	2571.18232	11.72	11.72	0	ANNUAL	AREA	S
610322.43	4206407.03	2633.7422	11.81	11.81	0	ANNUAL	AREA	S
610329.43	4206407.03	2698.47538	11.91	11.91	0	ANNUAL	AREA	S
610336.43	4206407.03	2765.97692	12	12	0	ANNUAL	AREA	S
610343.43	4206407.03	2838.10638	12	12	0	ANNUAL	AREA	S
610350.43	4206407.03	2913.14669	12	12	0	ANNUAL	AREA	S
610357.43	4206407.03	2991.2956	12	12	0	ANNUAL	AREA	S
610364.43	4206407.03	3072.61997	12	12	0	ANNUAL	AREA	S
610371.43	4206407.03	3157.39266	12	12	0	ANNUAL	AREA	S
610378.43	4206407.03	3245.67236	12	12	0	ANNUAL	AREA	S
610385.43	4206407.03	3337.69822	12	12	0	ANNUAL	AREA	S
610392.43	4206407.03	3433.67655	12	12	0	ANNUAL	AREA	S
610399.43	4206407.03	3533.80716	12	12	0	ANNUAL	AREA	S
610406.43	4206407.03	3638.2877	12	12	0	ANNUAL	AREA	S
610413.43	4206407.03	3747.33664	12	12	0	ANNUAL	AREA	S
610420.43	4206407.03	3861.26042	12	12	0	ANNUAL	AREA	S
610427.43	4206407.03	3980.20392	12	12	0	ANNUAL	AREA	S
610434.43	4206407.03	4104.59188	12	12	0	ANNUAL	AREA	S
610441.43	4206407.03	4234.61141	12	12	0	ANNUAL	AREA	S
610448.43	4206407.03	4370.64833	12	12	0	ANNUAL	AREA	S
610455.43	4206407.03	4512.95545	12	12	0	ANNUAL	AREA	S
610462.43	4206407.03	4661.95803	12	12	0	ANNUAL	AREA	S
610469.43	4206407.03	4818.09024	12	12	0	ANNUAL	AREA	S
610476.43	4206407.03	4981.69439	12	12	0	ANNUAL	AREA	S
610497.43	4206407.03	5522.67594	12	12	0	ANNUAL	AREA	S
610504.43	4206407.03	5721.56905	12	12	0	ANNUAL	AREA	S
610511.43	4206407.03	5930.92678	12	12	0	ANNUAL	AREA	S
610518.43	4206407.03	6151.39971	12	12	0	ANNUAL	AREA	S
610525.43	4206407.03	6384.05659	12	12	0	ANNUAL	AREA	S
610532.43	4206407.03	6629.77286	12	12	0	ANNUAL	AREA	S
610539.43	4206407.03	6889.7269	12	12	0	ANNUAL	AREA	S
610546.43	4206407.03	7165.28656	12	12	0	ANNUAL	AREA	S
610553.43	4206407.03	7458.13425	12	12	0	ANNUAL	AREA	S
610560.43	4206407.03	7772.35625	11.96	11.96	0	ANNUAL	AREA	S
610567.43	4206407.03	8110.18618	11.89	11.89	0	ANNUAL	AREA	S
610574.43	4206407.03	8473.37383	11.82	11.82	0	ANNUAL	AREA	S

610581.43	4206407.03	8865.34759	11.76	11.76	0	ANNUAL	AREA	5
610588.43	4206407.03	9292.40167	11.69	11.69	0	ANNUAL	AREA	5
610595.43	4206407.03	9759.67446	11.62	11.62	0	ANNUAL	AREA	5
610602.43	4206407.03	10272.70701	11.56	11.56	0	ANNUAL	AREA	5
610609.43	4206407.03	10839.72448	11.49	11.49	0	ANNUAL	AREA	5
610616.43	4206407.03	11466.50186	11.42	11.42	0	ANNUAL	AREA	5
610623.43	4206407.03	12157.23323	11.36	11.36	0	ANNUAL	AREA	5
610630.43	4206407.03	12918.23107	11.3	11.3	0	ANNUAL	AREA	5
610637.43	4206407.03	13749.28188	11.27	11.27	0	ANNUAL	AREA	5
610644.43	4206407.03	14660.68133	11.24	11.24	0	ANNUAL	AREA	5
610651.43	4206407.03	15660.73123	11.21	11.21	0	ANNUAL	AREA	5
610658.43	4206407.03	16759.83787	11.18	11.18	0	ANNUAL	AREA	5
610665.43	4206407.03	17969.84186	11.15	11.15	0	ANNUAL	AREA	5
610672.43	4206407.03	19301.0099	11.12	11.12	0	ANNUAL	AREA	5
610679.43	4206407.03	20760.4902	11.09	11.09	0	ANNUAL	AREA	5
610686.43	4206407.03	22350.07542	11.06	11.06	0	ANNUAL	AREA	5
610693.43	4206407.03	24065.32256	11.03	11.03	0	ANNUAL	AREA	5
610700.43	4206407.03	25886.85569	11.01	11.01	0	ANNUAL	AREA	5
610707.43	4206407.03	27866.07414	10.93	10.93	0	ANNUAL	AREA	5
610714.43	4206407.03	29958.39724	10.83	10.83	0	ANNUAL	AREA	5
610721.43	4206407.03	32109.60696	10.74	10.74	0	ANNUAL	AREA	5
610735.43	4206407.03	36543.75386	10.54	10.54	0	ANNUAL	AREA	5
610742.43	4206407.03	38746.10963	10.45	10.45	0	ANNUAL	AREA	5
610749.43	4206407.03	40930.49083	10.35	10.35	0	ANNUAL	AREA	5
610756.43	4206407.03	43040.2694	10.26	10.26	0	ANNUAL	AREA	5
610763.43	4206407.03	45086.24306	10.16	10.16	0	ANNUAL	AREA	5
610770.43	4206407.03	46991.82686	10.07	10.07	0	ANNUAL	AREA	5
610777.43	4206407.03	48624.55447	9.97	9.97	0	ANNUAL	AREA	5
610784.43	4206407.03	50109.37583	9.88	9.88	0	ANNUAL	AREA	5
610791.43	4206407.03	51427.96463	9.78	9.78	0	ANNUAL	AREA	5
610798.43	4206407.03	52563.01377	9.68	9.68	0	ANNUAL	AREA	5
610805.43	4206407.03	53502.44965	9.59	9.59	0	ANNUAL	AREA	5
610812.43	4206407.03	54232.04863	9.49	9.49	0	ANNUAL	AREA	5
610833.43	4206407.03	55240.25315	9.21	9.21	0	ANNUAL	AREA	5
610840.43	4206407.03	55217.11677	9.11	9.11	0	ANNUAL	AREA	5
610847.43	4206407.03	55039.93387	9.01	9.01	0	ANNUAL	AREA	5
610854.43	4206407.03	54733.76987	9	9	0	ANNUAL	AREA	5
610861.43	4206407.03	54308.35185	9	9	0	ANNUAL	AREA	5
610868.43	4206407.03	53779.00611	9	9	0	ANNUAL	AREA	5
610875.43	4206407.03	53161.44003	9	9	0	ANNUAL	AREA	5
610882.43	4206407.03	52469.76884	9	9	0	ANNUAL	AREA	5
610889.43	4206407.03	51716.66089	9	9	0	ANNUAL	AREA	5
610896.43	4206407.03	50913.31923	9	9	0	ANNUAL	AREA	5
610903.43	4206407.03	50069.98927	9	9	0	ANNUAL	AREA	5
610910.43	4206407.03	49195.026	9	9	0	ANNUAL	AREA	5
610917.43	4206407.03	48296.05869	9	9	0	ANNUAL	AREA	5
610924.43	4206407.03	47379.38008	9	9	0	ANNUAL	AREA	5
610931.43	4206407.03	46450.82298	9	9	0	ANNUAL	AREA	5
610938.43	4206407.03	45514.82524	9	9	0	ANNUAL	AREA	5
610945.43	4206407.03	44575.54383	9	9	0	ANNUAL	AREA	5
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610959.43	4206407.03	42700.55048	9	9	0	ANNUAL	AREA	5
610966.43	4206407.03	41770.14005	9	9	0	ANNUAL	AREA	5
610973.43	4206407.03	40847.46715	9	9	0	ANNUAL	AREA	5
610980.43	4206407.03	39934.01916	9	9	0	ANNUAL	AREA	5
611001.43	4206407.03	37263.27429	9	9	0	ANNUAL	AREA	5
611008.43	4206407.03	36399.5613	9	9	0	ANNUAL	AREA	5
611015.43	4206407.03	35550.39782	9	9	0	ANNUAL	AREA	5
611022.43	4206407.03	34716.27938	9	9	0	ANNUAL	AREA	5
611029.43	4206407.03	33897.6394	9	9	0	ANNUAL	AREA	5
611036.43	4206407.03	33094.69339	9	9	0	ANNUAL	AREA	5
611043.43	4206407.03	32307.80949	9	9	0	ANNUAL	AREA	5
611050.43	4206407.03	31536.97955	9	9	0	ANNUAL	AREA	5
611057.43	4206407.03	30782.50729	9	9	0	ANNUAL	AREA	5
611064.43	4206407.03	30044.13199	9	9	0	ANNUAL	AREA	5
611078.43	4206407.03	28616.13751	9	9	0	ANNUAL	AREA	5
611085.43	4206407.03	27926.32136	9	9	0	ANNUAL	AREA	5
611092.43	4206407.03	27252.32605	9	9	0	ANNUAL	AREA	5
610294.43	4206414.03	2333.29478	11.43	11.43	0	ANNUAL	AREA	5
610301.43	4206414.03	2386.79153	11.53	11.53	0	ANNUAL	AREA	5
610308.43	4206414.03	2442.44009	11.62	11.62	0	ANNUAL	AREA	5
610315.43	4206414.03	2499.99991	11.72	11.72	0	ANNUAL	AREA	5
610322.43	4206414.03	2559.90941	11.81	11.81	0	ANNUAL	AREA	5
610329.43	4206414.03	2621.92004	11.91	11.91	0	ANNUAL	AREA	5
610336.43	4206414.03	2686.49835	12	12	0	ANNUAL	AREA	5
610343.43	4206414.03	2755.48408	12	12	0	ANNUAL	AREA	5
610350.43	4206414.03	2827.21724	12	12	0	ANNUAL	AREA	5
610357.43	4206414.03	2901.83223	12	12	0	ANNUAL	AREA	5
610364.43	4206414.03	2979.48377	12	12	0	ANNUAL	AREA	5
610371.43	4206414.03	3060.27773	12	12	0	ANNUAL	AREA	5
610378.43	4206414.03	3144.39225	12	12	0	ANNUAL	AREA	5
610385.43	4206414.03	3232.00612	12	12	0	ANNUAL	AREA	5
610392.43	4206414.03	3323.31714	12	12	0	ANNUAL	AREA	5
610399.43	4206414.03	3418.42828	12	12	0	ANNUAL	AREA	5
610406.43	4206414.03	3517.56465	12	12	0	ANNUAL	AREA	5
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610420.43	4206414.03	3728.83078	12	12	0	ANNUAL	AREA	5
610427.43	4206414.03	3841.45495	12	12	0	ANNUAL	AREA	5
610434.43	4206414.03	3958.9504	12	12	0	ANNUAL	AREA	5
610441.43	4206414.03	4081.66641	12	12	0	ANNUAL	AREA	5
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610462.43	4206414.03	4483.87978	12	12	0	ANNUAL	AREA	5
610469.43	4206414.03	4630.36029	12	12	0	ANNUAL	AREA	5
610476.43	4206414.03	4783.72072	12	12	0	ANNUAL	AREA	5
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610511.43	4206414.03	5668.6799	12	12	0	ANNUAL	AREA	5
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610525.43	4206414.03	6088.4538	12	12	0	ANNUAL	AREA	5
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610539.43	4206414.03	6555.03853	12	12	0	ANNUAL	AREA	5
610546.43	4206414.03	6808.56386	12	12	0	ANNUAL	AREA	5
610553.43	4206414.03	7077.54476	12	12	0	ANNUAL	AREA	5
610560.43	4206414.03	7365.69848	11.96	11.96	0	ANNUAL	AREA	5
610567.43	4206414.03	7674.42898	11.9	11.9	0	ANNUAL	AREA	5
610574.43	4206414.03	8005.84141	11.84	11.84	0	ANNUAL	AREA	5
610581.43	4206414.03	8363.68401	11.78	11.78	0	ANNUAL	AREA	5
610588.43	4206414.03	8752.26165	11.72	11.72	0	ANNUAL	AREA	5
610595.43	4206414.03	9176.20115	11.66	11.66	0	ANNUAL	AREA	5
610602.43	4206414.03	9640.0856	11.61	11.61	0	ANNUAL	AREA	5
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610616.43	4206414.03	10711.55795	11.49	11.49	0	ANNUAL	AREA	5
610623.43	4206414.03	11327.62367	11.43	11.43	0	ANNUAL	AREA	5
610630.43	4206414.03	12002.77849	11.37	11.37	0	ANNUAL	AREA	5
610637.43	4206414.03	12737.45575	11.33	11.33	0	ANNUAL	AREA	5
610644.43	4206414.03	13536.74931	11.3	11.3	0	ANNUAL	AREA	5
610651.43	4206414.03	14410.19042	11.26	11.26	0	ANNUAL	AREA	5
610658.43	4206414.03	15363.89668	11.22	11.22	0	ANNUAL	AREA	5
610665.43	4206414.03	16403.72002	11.19	11.19	0	ANNUAL	AREA	5
610672.43	4206414.03	17544.96186	11.15	11.15	0	ANNUAL	AREA	5
610679.43	4206414.03	18791.97863	11.11	11.11	0	ANNUAL	AREA	5
610686.43	4206414.03	20142.987	11.08	11.08	0	ANNUAL	AREA	5
610693.43	4206414.03	21608.04795	11.04	11.04	0	ANNUAL	AREA	5
610700.43	4206414.03	23169.0133	11.01	11.01	0	ANNUAL	AREA	5
610707.43	4206414.03	24864.77269	10.93	10.93	0	ANNUAL	AREA	5
610714.43	4206414.03	26667.46917	10.83	10.83	0	ANNUAL	AREA	5
610721.43	4206414.03	28544.45177	10.73	10.73	0	ANNUAL	AREA	5
610735.43	4206414.03	32424.50533	10.54	10.54	0	ANNUAL	AREA	5
610742.43	4206414.03	34382.21033	10.45	10.45	0	ANNUAL	AREA	5
610749.43	4206414.03	36342.24812	10.35	10.35	0	ANNUAL	AREA	5
610756.43	4206414.03	38255.06891	10.26	10.26	0	ANNUAL	AREA	5
610763.43	4206414.03	40131.309	10.16	10.16	0	ANNUAL	AREA	5
610770.43	4206414.03	41901.40413	10.07	10.07	0	ANNUAL	AREA	5
610777.43	4206414.03	43443.16825	9.97	9.97	0	ANNUAL	AREA	5
610784.43	4206414.03	44873.05245	9.87	9.87	0	ANNUAL	AREA	5
610791.43	4206414.03	46173.72428	9.78	9.78	0	ANNUAL	AREA	5
610798.43	4206414.03	47330.8422	9.68	9.68	0	ANNUAL	AREA	5
610805.43	4206414.03	48331.53786	9.59	9.59	0	ANNUAL	AREA	5
610812.43	4206414.03	49160.44136	9.49	9.49	0	ANNUAL	AREA	5
610833.43	4206414.03	50638.55226	9.2	9.2	0	ANNUAL	AREA	5
610840.43	4206414.03	50811.98165	9.11	9.11	0	ANNUAL	AREA	5
610847.43	4206414.03	50840.58849	9.01	9.01	0	ANNUAL	AREA	5
610854.43	4206414.03	50744.47275	9	9	0	ANNUAL	AREA	5
610861.43	4206414.03	50530.26801	9	9	0	ANNUAL	AREA	5
610868.43	4206414.03	50210.52904	9	9	0	ANNUAL	AREA	5
610875.43	4206414.03	49798.41879	9	9	0	ANNUAL	AREA	5
610882.43	4206414.03	49306.00252	9	9	0	ANNUAL	AREA	5
610889.43	4206414.03	48744.92459	9	9	0	ANNUAL	AREA	5
610896.43	4206414.03	48125.39523	9	9	0	ANNUAL	AREA	5
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610910.43	4206414.03	46748.3448	9	9	0	ANNUAL	AREA	5
610917.43	4206414.03	46006.63295	9	9	0	ANNUAL	AREA	5
610924.43	4206414.03	45238.53856	9	9	0	ANNUAL	AREA	5
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610938.43	4206414.03	43645.56536	9	9	0	ANNUAL	AREA	5
610945.43	4206414.03	42830.05094	9	9	0	ANNUAL	AREA	5
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610966.43	4206414.03	40352.41225	9	9	0	ANNUAL	AREA	5
610973.43	4206414.03	39525.6652	9	9	0	ANNUAL	AREA	5
610980.43	4206414.03	38702.28125	9	9	0	ANNUAL	AREA	5
611001.43	4206414.03	36269.52798	9	9	0	ANNUAL	AREA	5
611008.43	4206414.03	35475.4287	9	9	0	ANNUAL	AREA	5
611015.43	4206414.03	34691.64288	9	9	0	ANNUAL	AREA	5
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611064.43	4206414.03	29542.04508	9	9	0	ANNUAL	AREA	5
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610294.43	4206421.03	2271.46196	11.43	11.43	0	ANNUAL	AREA	5
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610308.43	4206421.03	2376.26461	11.62	11.62	0	ANNUAL	AREA	5
610315.43	4206421.03	2431.45334	11.72	11.72	0	ANNUAL	AREA	5
610322.43	4206421.03	2488.91874	11.81	11.81	0	ANNUAL	AREA	5
610329.43	4206421.03	2548.29465	11.91	11.91	0	ANNUAL	AREA	5
610336.43	4206421.03	2610.17328	12	12	0	ANNUAL	AREA	5
610343.43	4206421.03	2676.22943	12	12	0	ANNUAL	AREA	5
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610357.43	4206421.03	2816.14262	12	12	0	ANNUAL	AREA	5
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610371.43	4206421.03	2967.43886	12	12	0	ANNUAL	AREA	5
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610392.43	4206421.03	3218.01706	12	12	0	ANNUAL	AREA	5
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610406.43	4206421.03	3402.76346	12	12	0	ANNUAL	AREA	5
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610420.43	4206421.03	3603.2098	12	12	0	ANNUAL	AREA	5
610427.43	4206421.03	3709.80015	12	12	0	ANNUAL	AREA	5
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610448.43	4206421.03	4057.90569	12	12	0	ANNUAL	AREA	5
610455.43	4206421.03	4184.22303	12	12	0	ANNUAL	AREA	5
610462.43	4206421.03	4316.04401	12	12	0	ANNUAL	AREA	5
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610476.43	4206421.03	4597.71207	12	12	0	ANNUAL	AREA	5
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610504.43	4206421.03	5243.05461	12	12	0	ANNUAL	AREA	5
610511.43	4206421.03	5424.05739	12	12	0	ANNUAL	AREA	5
610518.43	4206421.03	5613.99694	12	12	0	ANNUAL	AREA	5
610525.43	4206421.03	5813.64698	12	12	0	ANNUAL	AREA	5
610532.43	4206421.03	6023.66498	12	12	0	ANNUAL	AREA	5
610539.43	4206421.03	6245.11261	12	12	0	ANNUAL	AREA	5
610546.43	4206421.03	6478.98952	12	12	0	ANNUAL	AREA	5
610553.43	4206421.03	6726.73092	12	12	0	ANNUAL	AREA	5
610560.43	4206421.03	6991.66405	11.96	11.96	0	ANNUAL	AREA	5
610567.43	4206421.03	7274.77571	11.91	11.91	0	ANNUAL	AREA	5
610574.43	4206421.03	7578.40317	11.86	11.86	0	ANNUAL	AREA	5
610581.43	4206421.03	7905.59365	11.81	11.81	0	ANNUAL	AREA	5
610588.43	4206421.03	8260.25116	11.76	11.76	0	ANNUAL	AREA	5
610595.43	4206421.03	8646.36221	11.71	11.71	0	ANNUAL	AREA	5
610602.43	4206421.03	9068.55614	11.65	11.65	0	ANNUAL	AREA	5
610609.43	4206421.03	9530.02659	11.6	11.6	0	ANNUAL	AREA	5
610616.43	4206421.03	10035.03571	11.55	11.55	0	ANNUAL	AREA	5
610623.43	4206421.03	10587.65231	11.49	11.49	0	ANNUAL	AREA	5
610630.43	4206421.03	11189.30631	11.44	11.44	0	ANNUAL	AREA	5
610637.43	4206421.03	11841.76379	11.4	11.4	0	ANNUAL	AREA	5
610644.43	4206421.03	12551.1071	11.35	11.35	0	ANNUAL	AREA	5
610651.43	4206421.03	13318.67594	11.31	11.31	0	ANNUAL	AREA	5
610658.43	4206421.03	14151.51815	11.27	11.27	0	ANNUAL	AREA	5
610665.43	4206421.03	15059.44371	11.22	11.22	0	ANNUAL	AREA	5
610672.43	4206421.03	16044.78253	11.18	11.18	0	ANNUAL	AREA	5
610679.43	4206421.03	17116.41868	11.14	11.14	0	ANNUAL	AREA	5
610686.43	4206421.03	18283.66912	11.09	11.09	0	ANNUAL	AREA	5
610693.43	4206421.03	19539.1254	11.05	11.05	0	ANNUAL	AREA	5
610700.43	4206421.03	20884.45626	11.01	11.01	0	ANNUAL	AREA	5
610707.43	4206421.03	22351.06992	10.92	10.92	0	ANNUAL	AREA	5
610714.43	4206421.03	23901.1016	10.83	10.83	0	ANNUAL	AREA	5
610721.43	4206421.03	25531.5351	10.73	10.73	0	ANNUAL	AREA	5
610735.43	4206421.03	28935.4875	10.54	10.54	0	ANNUAL	AREA	5
610742.43	4206421.03	30672.59919	10.45	10.45	0	ANNUAL	AREA	5
610749.43	4206421.03	32426.84528	10.35	10.35	0	ANNUAL	AREA	5
610756.43	4206421.03	34154.3882	10.26	10.26	0	ANNUAL	AREA	5
610763.43	4206421.03	35866.09389	10.16	10.16	0	ANNUAL	AREA	5
610770.43	4206421.03	37499.37146	10.06	10.06	0	ANNUAL	AREA	5
610777.43	4206421.03	38941.21216	9.97	9.97	0	ANNUAL	AREA	5
610784.43	4206421.03	40299.23393	9.87	9.87	0	ANNUAL	AREA	5
610791.43	4206421.03	41558.5693	9.78	9.78	0	ANNUAL	AREA	5
610798.43	4206421.03	42706.02696	9.68	9.68	0	ANNUAL	AREA	5
610805.43	4206421.03	43729.2833	9.59	9.59	0	ANNUAL	AREA	5
610812.43	4206421.03	44613.4078	9.49	9.49	0	ANNUAL	AREA	5
610833.43	4206421.03	46416.4981	9.2	9.2	0	ANNUAL	AREA	5
610840.43	4206421.03	46738.05154	9.11	9.11	0	ANNUAL	AREA	5
610847.43	4206421.03	46927.52153	9.01	9.01	0	ANNUAL	AREA	5
610854.43	4206421.03	46999.96915	9	9	0	ANNUAL	AREA	5
610861.43	4206421.03	46959.37166	9	9	0	ANNUAL	AREA	5
610868.43	4206421.03	46815.32963	9	9	0	ANNUAL	AREA	5
610875.43	4206421.03	46578.35737	9	9	0	ANNUAL	AREA	5
610882.43	4206421.03	46258.64281	9	9	0	ANNUAL	AREA	5
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610896.43	4206421.03	45410.4967	9	9	0	ANNUAL	AREA	5
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610910.43	4206421.03	44342.25046	9	9	0	ANNUAL	AREA	5
610917.43	4206421.03	43745.1065	9	9	0	ANNUAL	AREA	5
610924.43	4206421.03	43114.45976	9	9	0	ANNUAL	AREA	5
610931.43	4206421.03	42456.35097	9	9	0	ANNUAL	AREA	5
610938.43	4206421.03	41775.89273	9	9	0	ANNUAL	AREA	5
610945.43	4206421.03	41077.62313	9	9	0	ANNUAL	AREA	5
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610966.43	4206421.03	38913.65239	9	9	0	ANNUAL	AREA	5
610973.43	4206421.03	38179.7598	9	9	0	ANNUAL	AREA	5
610980.43	4206421.03	37443.89174	9	9	0	ANNUAL	AREA	5
611001.43	4206421.03	35244.11051	9	9	0	ANNUAL	AREA	5
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611015.43	4206421.03	33799.5107	9	9	0	ANNUAL	AREA	5
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611029.43	4206421.03	32383.37495	9	9	0	ANNUAL	AREA	5
611036.43	4206421.03	31688.1633	9	9	0	ANNUAL	AREA	5
611043.43	4206421.03	31002.39737	9	9	0	ANNUAL	AREA	5
611050.43	4206421.03	30326.61793	9	9	0	ANNUAL	AREA	5
611057.43	4206421.03	29661.25417	9	9	0	ANNUAL	AREA	5
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611085.43	4206421.03	27111.0482	9	9	0	ANNUAL	AREA	5
611092.43	4206421.03	26502.36346	9	9	0	ANNUAL	AREA	5
610294.43	4206428.03	2211.87645	11.43	11.43	0	ANNUAL	AREA	5
610301.43	4206428.03	2261.22041	11.53	11.53	0	ANNUAL	AREA	5
610308.43	4206428.03	2312.52872	11.62	11.62	0	ANNUAL	AREA	5
610315.43	4206428.03	2365.54625	11.72	11.72	0	ANNUAL	AREA	5
610322.43	4206428.03	2420.4669	11.82	11.82	0	ANNUAL	AREA	5
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610343.43	4206428.03	2600.20303	12	12	0	ANNUAL	AREA	5
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610357.43	4206428.03	2734.15087	12	12	0	ANNUAL	AREA	5
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610371.43	4206428.03	2878.726	12	12	0	ANNUAL	AREA	5
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610385.43	4206428.03	3034.90337	12	12	0	ANNUAL	AREA	5
610392.43	4206428.03	3117.74938	12	12	0	ANNUAL	AREA	5
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610406.43	4206428.03	3293.50543	12	12	0	ANNUAL	AREA	5
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610420.43	4206428.03	3483.92327	12	12	0	ANNUAL	AREA	5
610427.43	4206428.03	3585.00848	12	12	0	ANNUAL	AREA	5
610434.43	4206428.03	3690.33829	12	12	0	ANNUAL	AREA	5
610441.43	4206428.03	3800.06225	12	12	0	ANNUAL	AREA	5
610448.43	4206428.03	3914.37083	12	12	0	ANNUAL	AREA	5
610455.43	4206428.03	4033.5624	12	12	0	ANNUAL	AREA	5
610462.43	4206428.03	4157.82602	12	12	0	ANNUAL	AREA	5
610469.43	4206428.03	4287.46148	12	12	0	ANNUAL	AREA	5
610476.43	4206428.03	4422.68637	12	12	0	ANNUAL	AREA	5
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610504.43	4206428.03	5026.81163	12	12	0	ANNUAL	AREA	5
610511.43	4206428.03	5195.54711	12	12	0	ANNUAL	AREA	5
610518.43	4206428.03	5372.30124	12	12	0	ANNUAL	AREA	5
610525.43	4206428.03	5557.71846	12	12	0	ANNUAL	AREA	5
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610539.43	4206428.03	5957.45466	12	12	0	ANNUAL	AREA	5
610546.43	4206428.03	6173.74534	12	12	0	ANNUAL	AREA	5
610553.43	4206428.03	6402.49795	12	12	0	ANNUAL	AREA	5
610560.43	4206428.03	6646.4077	11.97	11.97	0	ANNUAL	AREA	5
610567.43	4206428.03	6907.13402	11.92	11.92	0	ANNUAL	AREA	5
610574.43	4206428.03	7186.02004	11.88	11.88	0	ANNUAL	AREA	5
610581.43	4206428.03	7486.3225	11.84	11.84	0	ANNUAL	AREA	5
610588.43	4206428.03	7811.53188	11.79	11.79	0	ANNUAL	AREA	5
610595.43	4206428.03	8164.26229	11.75	11.75	0	ANNUAL	AREA	5
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610609.43	4206428.03	8967.6261	11.66	11.66	0	ANNUAL	AREA	5
610616.43	4206428.03	9424.8182	11.61	11.61	0	ANNUAL	AREA	5
610623.43	4206428.03	9922.14097	11.56	11.56	0	ANNUAL	AREA	5
610630.43	4206428.03	10460.96716	11.52	11.52	0	ANNUAL	AREA	5
610637.43	4206428.03	11044.99374	11.47	11.47	0	ANNUAL	AREA	5
610644.43	4206428.03	11677.18002	11.41	11.41	0	ANNUAL	AREA	5
610651.43	4206428.03	12358.21355	11.36	11.36	0	ANNUAL	AREA	5
610658.43	4206428.03	13093.55996	11.31	11.31	0	ANNUAL	AREA	5
610665.43	4206428.03	13888.67277	11.26	11.26	0	ANNUAL	AREA	5
610672.43	4206428.03	14749.50933	11.21	11.21	0	ANNUAL	AREA	5
610679.43	4206428.03	15682.15728	11.16	11.16	0	ANNUAL	AREA	5
610686.43	4206428.03	16691.15126	11.11	11.11	0	ANNUAL	AREA	5
610693.43	4206428.03	17778.92297	11.06	11.06	0	ANNUAL	AREA	5
610700.43	4206428.03	18945.35513	11.01	11.01	0	ANNUAL	AREA	5
610707.43	4206428.03	20213.15279	10.92	10.92	0	ANNUAL	AREA	5
610714.43	4206428.03	21557.01114	10.83	10.83	0	ANNUAL	AREA	5
610721.43	4206428.03	22976.19599	10.73	10.73	0	ANNUAL	AREA	5
610735.43	4206428.03	25964.04691	10.54	10.54	0	ANNUAL	AREA	5
610742.43	4206428.03	27504.00461	10.45	10.45	0	ANNUAL	AREA	5
610749.43	4206428.03	29070.90158	10.35	10.35	0	ANNUAL	AREA	5
610756.43	4206428.03	30639.76782	10.25	10.25	0	ANNUAL	AREA	5
610763.43	4206428.03	32182.06837	10.16	10.16	0	ANNUAL	AREA	5
610770.43	4206428.03	33681.10989	10.06	10.06	0	ANNUAL	AREA	5
610777.43	4206428.03	35019.60051	9.97	9.97	0	ANNUAL	AREA	5
610784.43	4206428.03	36296.37588	9.87	9.87	0	ANNUAL	AREA	5
610791.43	4206428.03	37498.99044	9.78	9.78	0	ANNUAL	AREA	5
610798.43	4206428.03	38615.33618	9.68	9.68	0	ANNUAL	AREA	5
610805.43	4206428.03	39631.84402	9.58	9.58	0	ANNUAL	AREA	5
610812.43	4206428.03	40540.58457	9.49	9.49	0	ANNUAL	AREA	5
610833.43	4206428.03	42554.68462	9.2	9.2	0	ANNUAL	AREA	5
610840.43	4206428.03	42985.0619	9.11	9.11	0	ANNUAL	AREA	5
610847.43	4206428.03	43297.38266	9.01	9.01	0	ANNUAL	AREA	5
610854.43	4206428.03	43502.38389	9	9	0	ANNUAL	AREA	5
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610868.43	4206428.03	43602.89993	9	9	0	ANNUAL	AREA	5
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610882.43	4206428.03	43341.21541	9	9	0	ANNUAL	AREA	5
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610910.43	4206428.03	41991.19033	9	9	0	ANNUAL	AREA	5
610917.43	4206428.03	41525.10655	9	9	0	ANNUAL	AREA	5
610924.43	4206428.03	41020.52115	9	9	0	ANNUAL	AREA	5
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610938.43	4206428.03	39917.95074	9	9	0	ANNUAL	AREA	5
610945.43	4206428.03	39329.46208	9	9	0	ANNUAL	AREA	5
610952.43	4206428.03	38721.81039	9	9	0	ANNUAL	AREA	5
610959.43	4206428.03	38098.58754	9	9	0	ANNUAL	AREA	5
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611001.43	4206428.03	34191.28887	9	9	0	ANNUAL	AREA	5
611008.43	4206428.03	33535.23353	9	9	0	ANNUAL	AREA	5
611015.43	4206428.03	32879.44478	9	9	0	ANNUAL	AREA	5
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611043.43	4206428.03	30302.53488	9	9	0	ANNUAL	AREA	5
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611062.74	4206428.14	28579.22703	9	9	0	ANNUAL	AREA	5
611078.43	4206428.03	27243.35815	9	9	0	ANNUAL	AREA	5
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610301.43	4206435.03	2201.90033	11.53	11.53	0	ANNUAL	AREA	5
610308.43	4206435.03	2251.06559	11.63	11.63	0	ANNUAL	AREA	5

610315.43	4206435.03	2302.1513	11.72	11.72	0	ANNUAL	AREA	5
610322.43	4206435.03	2354.92376	11.82	11.82	0	ANNUAL	AREA	5
610329.43	4206435.03	2409.78845	11.91	11.91	0	ANNUAL	AREA	5
610336.43	4206435.03	2466.66132	12	12	0	ANNUAL	AREA	5
610343.43	4206435.03	2527.32299	12	12	0	ANNUAL	AREA	5
610350.43	4206435.03	2590.31315	12	12	0	ANNUAL	AREA	5
610357.43	4206435.03	2655.65259	12	12	0	ANNUAL	AREA	5
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610392.43	4206435.03	3022.16825	12	12	0	ANNUAL	AREA	5
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610427.43	4206435.03	3466.7003	12	12	0	ANNUAL	AREA	5
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610441.43	4206435.03	3670.47869	12	12	0	ANNUAL	AREA	5
610448.43	4206435.03	3778.65572	12	12	0	ANNUAL	AREA	5
610455.43	4206435.03	3891.27551	12	12	0	ANNUAL	AREA	5
610462.43	4206435.03	4008.5762	12	12	0	ANNUAL	AREA	5
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610476.43	4206435.03	4258.02194	12	12	0	ANNUAL	AREA	5
610497.43	4206435.03	4673.44821	12	12	0	ANNUAL	AREA	5
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610511.43	4206435.03	4981.69062	12	12	0	ANNUAL	AREA	5
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610525.43	4206435.03	5318.94885	12	12	0	ANNUAL	AREA	5
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610539.43	4206435.03	5690.04096	12	12	0	ANNUAL	AREA	5
610546.43	4206435.03	5890.36554	12	12	0	ANNUAL	AREA	5
610553.43	4206435.03	6102.02591	12	12	0	ANNUAL	AREA	5
610560.43	4206435.03	6327.4893	11.97	11.97	0	ANNUAL	AREA	5
610567.43	4206435.03	6567.66719	11.94	11.94	0	ANNUAL	AREA	5
610574.43	4206435.03	6824.9301	11.9	11.9	0	ANNUAL	AREA	5
610581.43	4206435.03	7101.53504	11.86	11.86	0	ANNUAL	AREA	5
610588.43	4206435.03	7400.28095	11.82	11.82	0	ANNUAL	AREA	5
610595.43	4206435.03	7723.57709	11.79	11.79	0	ANNUAL	AREA	5
610602.43	4206435.03	8075.08497	11.75	11.75	0	ANNUAL	AREA	5
610609.43	4206435.03	8456.96855	11.71	11.71	0	ANNUAL	AREA	5
610616.43	4206435.03	8871.85753	11.67	11.67	0	ANNUAL	AREA	5
610623.43	4206435.03	9321.4254	11.63	11.63	0	ANNUAL	AREA	5
610630.43	4206435.03	9807.3779	11.59	11.59	0	ANNUAL	AREA	5
610637.43	4206435.03	10333.04251	11.53	11.53	0	ANNUAL	AREA	5
610644.43	4206435.03	10898.91073	11.47	11.47	0	ANNUAL	AREA	5
610651.43	4206435.03	11507.1392	11.41	11.41	0	ANNUAL	AREA	5
610658.43	4206435.03	12159.18014	11.36	11.36	0	ANNUAL	AREA	5
610665.43	4206435.03	12862.63674	11.3	11.3	0	ANNUAL	AREA	5
610672.43	4206435.03	13620.92717	11.24	11.24	0	ANNUAL	AREA	5
610679.43	4206435.03	14439.12012	11.18	11.18	0	ANNUAL	AREA	5
610686.43	4206435.03	15321.47233	11.12	11.12	0	ANNUAL	AREA	5
610693.43	4206435.03	16266.97759	11.07	11.07	0	ANNUAL	AREA	5
610700.43	4206435.03	17284.31014	11.01	11.01	0	ANNUAL	AREA	5
610707.43	4206435.03	18385.77333	10.92	10.92	0	ANNUAL	AREA	5
610714.43	4206435.03	19555.09277	10.83	10.83	0	ANNUAL	AREA	5
610721.43	4206435.03	20793.91256	10.73	10.73	0	ANNUAL	AREA	5
610735.43	4206435.03	23419.4362	10.54	10.54	0	ANNUAL	AREA	5
610742.43	4206435.03	24794.22921	10.44	10.44	0	ANNUAL	AREA	5
610749.43	4206435.03	26182.05737	10.35	10.35	0	ANNUAL	AREA	5
610756.43	4206435.03	27592.17396	10.25	10.25	0	ANNUAL	AREA	5
610763.43	4206435.03	28989.38125	10.16	10.16	0	ANNUAL	AREA	5
610770.43	4206435.03	30359.38226	10.06	10.06	0	ANNUAL	AREA	5
610777.43	4206435.03	31594.84156	9.97	9.97	0	ANNUAL	AREA	5
610784.43	4206435.03	32786.43419	9.87	9.87	0	ANNUAL	AREA	5
610791.43	4206435.03	33922.70693	9.77	9.77	0	ANNUAL	AREA	5
610798.43	4206435.03	34993.49112	9.68	9.68	0	ANNUAL	AREA	5
610805.43	4206435.03	35988.43093	9.58	9.58	0	ANNUAL	AREA	5
610812.43	4206435.03	36894.35435	9.49	9.49	0	ANNUAL	AREA	5
610833.43	4206435.03	39031.49617	9.2	9.2	0	ANNUAL	AREA	5
610840.43	4206435.03	39538.10245	9.1	9.1	0	ANNUAL	AREA	5
610847.43	4206435.03	39942.01	9.01	9.01	0	ANNUAL	AREA	5
610854.43	4206435.03	40249.10423	9	9	0	ANNUAL	AREA	5
610861.43	4206435.03	40459.52589	9	9	0	ANNUAL	AREA	5
610868.43	4206435.03	40577.80021	9	9	0	ANNUAL	AREA	5
610875.43	4206435.03	40610.10335	9	9	0	ANNUAL	AREA	5
610882.43	4206435.03	40562.49835	9	9	0	ANNUAL	AREA	5
610889.43	4206435.03	40441.6535	9	9	0	ANNUAL	AREA	5
610896.43	4206435.03	40254.55494	9	9	0	ANNUAL	AREA	5
610903.43	4206435.03	40007.52961	9	9	0	ANNUAL	AREA	5
610910.43	4206435.03	39706.87192	9	9	0	ANNUAL	AREA	5
610917.43	4206435.03	39358.57338	9	9	0	ANNUAL	AREA	5
610924.43	4206435.03	38968.46895	9	9	0	ANNUAL	AREA	5
610931.43	4206435.03	38541.46028	9	9	0	ANNUAL	AREA	5
610938.43	4206435.03	38082.5245	9	9	0	ANNUAL	AREA	5
610945.43	4206435.03	37596.0294	9	9	0	ANNUAL	AREA	5
610952.43	4206435.03	37086.01787	9	9	0	ANNUAL	AREA	5
610959.43	4206435.03	36556.08413	9	9	0	ANNUAL	AREA	5
610966.43	4206435.03	36009.60172	9	9	0	ANNUAL	AREA	5
610973.43	4206435.03	35449.49271	9	9	0	ANNUAL	AREA	5
610980.43	4206435.03	34878.61643	9	9	0	ANNUAL	AREA	5
611001.43	4206435.03	33123.32078	9	9	0	ANNUAL	AREA	5
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611022.43	4206435.03	31343.41012	9	9	0	ANNUAL	AREA	5
611029.43	4206435.03	30751.52247	9	9	0	ANNUAL	AREA	5
611036.43	4206435.03	30162.20108	9	9	0	ANNUAL	AREA	5
611043.43	4206435.03	29576.57177	9	9	0	ANNUAL	AREA	5
611050.43	4206435.03	28995.18473	9	9	0	ANNUAL	AREA	5
611057.43	4206435.03	28419.26101	9	9	0	ANNUAL	AREA	5
611062.74	4206435.14	27976.36826	9	9	0	ANNUAL	AREA	5
611078.43	4206435.03	26728.21131	9	9	0	ANNUAL	AREA	5
611085.43	4206435.03	26178.61488	9	9	0	ANNUAL	AREA	5
611092.43	4206435.03	25636.73975	9	9	0	ANNUAL	AREA	5
610294.43	4206442.03	2098.97479	11.44	11.44	0	ANNUAL	AREA	5
610301.43	4206442.03	2144.84039	11.53	11.53	0	ANNUAL	AREA	5
610308.43	4206442.03	2192.14921	11.63	11.63	0	ANNUAL	AREA	5
610315.43	4206442.03	2241.25345	11.72	11.72	0	ANNUAL	AREA	5
610322.43	4206442.03	2291.9835	11.82	11.82	0	ANNUAL	AREA	5
610329.43	4206442.03	2344.68723	11.91	11.91	0	ANNUAL	AREA	5
610336.43	4206442.03	2399.33554	12	12	0	ANNUAL	AREA	5
610343.43	4206442.03	2457.56894	12	12	0	ANNUAL	AREA	5
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610357.43	4206442.03	2580.58435	12	12	0	ANNUAL	AREA	5
610364.43	4206442.03	2645.58213	12	12	0	ANNUAL	AREA	5
610371.43	4206442.03	2713.01686	12	12	0	ANNUAL	AREA	5
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610392.43	4206442.03	2931.1042	12	12	0	ANNUAL	AREA	5
610399.43	4206442.03	3009.484	12	12	0	ANNUAL	AREA	5
610406.43	4206442.03	3090.82859	12	12	0	ANNUAL	AREA	5
610413.43	4206442.03	3175.31786	12	12	0	ANNUAL	AREA	5
610420.43	4206442.03	3263.18728	12	12	0	ANNUAL	AREA	5
610427.43	4206442.03	3354.385	12	12	0	ANNUAL	AREA	5
610434.43	4206442.03	3449.23365	12	12	0	ANNUAL	AREA	5
610441.43	4206442.03	3547.79099	12	12	0	ANNUAL	AREA	5
610448.43	4206442.03	3650.26007	12	12	0	ANNUAL	AREA	5
610455.43	4206442.03	3756.79384	12	12	0	ANNUAL	AREA	5
610462.43	4206442.03	3867.57199	12	12	0	ANNUAL	AREA	5
610469.43	4206442.03	3982.83733	12	12	0	ANNUAL	AREA	5
610476.43	4206442.03	4102.74538	12	12	0	ANNUAL	AREA	5
610497.43	4206442.03	4492.89882	12	12	0	ANNUAL	AREA	5
610504.43	4206442.03	4633.96571	12	12	0	ANNUAL	AREA	5
610511.43	4206442.03	4781.20119	12	12	0	ANNUAL	AREA	5
610518.43	4206442.03	4934.90886	12	12	0	ANNUAL	AREA	5
610525.43	4206442.03	5095.62727	12	12	0	ANNUAL	AREA	5
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610539.43	4206442.03	5440.74745	12	12	0	ANNUAL	AREA	5
610546.43	4206442.03	5626.68226	12	12	0	ANNUAL	AREA	5
610553.43	4206442.03	5823.01219	12	12	0	ANNUAL	AREA	5
610560.43	4206442.03	6031.58592	11.98	11.98	0	ANNUAL	AREA	5
610567.43	4206442.03	6253.86958	11.95	11.95	0	ANNUAL	AREA	5
610574.43	4206442.03	6491.5133	11.92	11.92	0	ANNUAL	AREA	5
610581.43	4206442.03	6746.62699	11.89	11.89	0	ANNUAL	AREA	5
610588.43	4206442.03	7021.72524	11.86	11.86	0	ANNUAL	AREA	5
610595.43	4206442.03	7319.23205	11.83	11.83	0	ANNUAL	AREA	5
610602.43	4206442.03	7641.36381	11.8	11.8	0	ANNUAL	AREA	5
610609.43	4206442.03	7990.35158	11.77	11.77	0	ANNUAL	AREA	5
610616.43	4206442.03	8368.12589	11.74	11.74	0	ANNUAL	AREA	5
610623.43	4206442.03	8776.80587	11.7	11.7	0	ANNUAL	AREA	5
610630.43	4206442.03	9217.06827	11.66	11.66	0	ANNUAL	AREA	5
610637.43	4206442.03	9691.7447	11.6	11.6	0	ANNUAL	AREA	5
610644.43	4206442.03	10201.72905	11.53	11.53	0	ANNUAL	AREA	5
610651.43	4206442.03	10746.68743	11.47	11.47	0	ANNUAL	AREA	5
610658.43	4206442.03	11331.63625	11.4	11.4	0	ANNUAL	AREA	5
610665.43	4206442.03	11958.60686	11.33	11.33	0	ANNUAL	AREA	5
610672.43	4206442.03	12629.42843	11.27	11.27	0	ANNUAL	AREA	5
610679.43	4206442.03	13352.4144	11.2	11.2	0	ANNUAL	AREA	5
610686.43	4206442.03	14126.43647	11.14	11.14	0	ANNUAL	AREA	5
610693.43	4206442.03	14956.81417	11.08	11.08	0	ANNUAL	AREA	5
610700.43	4206442.03	15849.43357	11.01	11.01	0	ANNUAL	AREA	5
610707.43	4206442.03	16811.13995	10.92	10.92	0	ANNUAL	AREA	5
610714.43	4206442.03	17832.86307	10.83	10.83	0	ANNUAL	AREA	5
610721.43	4206442.03	18917.50181	10.73	10.73	0	ANNUAL	AREA	5
610735.43	4206442.03	21228.44056	10.54	10.54	0	ANNUAL	AREA	5
610742.43	4206442.03	22447.32047	10.44	10.44	0	ANNUAL	AREA	5
610749.43	4206442.03	23684.77485	10.35	10.35	0	ANNUAL	AREA	5
610756.43	4206442.03	24950.38522	10.25	10.25	0	ANNUAL	AREA	5
610763.43	4206442.03	26213.4202	10.16	10.16	0	ANNUAL	AREA	5
610770.43	4206442.03	27461.4828	10.06	10.06	0	ANNUAL	AREA	5
610777.43	4206442.03	28596.71063	9.96	9.96	0	ANNUAL	AREA	5
610784.43	4206442.03	29701.77852	9.87	9.87	0	ANNUAL	AREA	5
610791.43	4206442.03	30767.1175	9.77	9.77	0	ANNUAL	AREA	5
610798.43	4206442.03	31783.57843	9.68	9.68	0	ANNUAL	AREA	5
610805.43	4206442.03	32741.97008	9.58	9.58	0	ANNUAL	AREA	5
610812.43	4206442.03	33630.48656	9.49	9.49	0	ANNUAL	AREA	5
610833.43	4206442.03	35823.28084	9.2	9.2	0	ANNUAL	AREA	5
610840.43	4206442.03	36381.34364	9.1	9.1	0	ANNUAL	AREA	5
610847.43	4206442.03	36850.09322	9.01	9.01	0	ANNUAL	AREA	5
610854.43	4206442.03	37233.2334	9	9	0	ANNUAL	AREA	5
610861.43	4206442.03	37529.39719	9	9	0	ANNUAL	AREA	5
610868.43	4206442.03	37741.11922	9	9	0	ANNUAL	AREA	5
610875.43	4206442.03	37872.45486	9	9	0	ANNUAL	AREA	5
610882.43	4206442.03	37928.18104	9	9	0	ANNUAL	AREA	5
610889.43	4206442.03	37913.32934	9	9	0	ANNUAL	AREA	5
610896.43	4206442.03	37833.07874	9	9	0	ANNUAL	AREA	5
610903.43	4206442.03	37693.20544	9	9	0	ANNUAL	AREA	5
610910.43	4206442.03	37498.94253	9	9	0	ANNUAL	AREA	5
610917.43	4206442.03	37255.54746	9	9	0	ANNUAL	AREA	5
610924.43	4206442.03	36967.93707	9	9	0	ANNUAL	AREA	5
610931.43	4206442.03	36641.02896	9	9	0	ANNUAL	AREA	5
610938.43	4206442.03	36279.13075	9	9	0	ANNUAL	AREA	5
610945.43	4206442.03	35886.50971	9	9	0	ANNUAL	AREA	5
610952.43	4206442.03	35466.95667	9	9	0	ANNUAL	AREA	5
610959.43	4206442.03	35024.09691	9	9	0	ANNUAL	AREA	5
610966.43	4206442.03	34561.02844	9	9	0	ANNUAL	AREA	5

610973.43	4206442.03	34080.93826	9	9	0	ANNUAL	AREA	S
610980.43	4206442.03	33586.50057	9	9	0	ANNUAL	AREA	S
611001.43	4206442.03	32040.27155	9	9	0	ANNUAL	AREA	S
611008.43	4206442.03	31510.68529	9	9	0	ANNUAL	AREA	S
611015.43	4206442.03	30976.99098	9	9	0	ANNUAL	AREA	S
611022.43	4206442.03	30440.64928	9	9	0	ANNUAL	AREA	S
611029.43	4206442.03	29902.90225	9	9	0	ANNUAL	AREA	S
611036.43	4206442.03	29365.1812	9	9	0	ANNUAL	AREA	S
611043.43	4206442.03	28828.2501	9	9	0	ANNUAL	AREA	S
611050.43	4206442.03	28293.44746	9	9	0	ANNUAL	AREA	S
611057.43	4206442.03	27761.28666	9	9	0	ANNUAL	AREA	S
611062.74	4206442.14	27349.95131	9	9	0	ANNUAL	AREA	S
611078.43	4206442.03	26188.88916	9	9	0	ANNUAL	AREA	S
611085.43	4206442.03	25674.73178	9	9	0	ANNUAL	AREA	S
611092.43	4206442.03	25166.35849	9	9	0	ANNUAL	AREA	S
610294.43	4206449.03	2045.8161	11.44	11.44	0	ANNUAL	AREA	S
610301.43	4206449.03	2089.96546	11.53	11.53	0	ANNUAL	AREA	S
610308.43	4206449.03	2135.51091	11.63	11.63	0	ANNUAL	AREA	S
610315.43	4206449.03	2182.80668	11.72	11.72	0	ANNUAL	AREA	S
610322.43	4206449.03	2231.58784	11.82	11.82	0	ANNUAL	AREA	S
610329.43	4206449.03	2282.14085	11.92	11.92	0	ANNUAL	AREA	S
610336.43	4206449.03	2334.79142	12	12	0	ANNUAL	AREA	S
610343.43	4206449.03	2390.73393	12	12	0	ANNUAL	AREA	S
610350.43	4206449.03	2448.71306	12	12	0	ANNUAL	AREA	S
610357.43	4206449.03	2508.81393	12	12	0	ANNUAL	AREA	S
610364.43	4206449.03	2571.12701	12	12	0	ANNUAL	AREA	S
610371.43	4206449.03	2635.76439	12	12	0	ANNUAL	AREA	S
610378.43	4206449.03	2702.74973	12	12	0	ANNUAL	AREA	S
610385.43	4206449.03	2772.24332	12	12	0	ANNUAL	AREA	S
610392.43	4206449.03	2844.41451	12	12	0	ANNUAL	AREA	S
610399.43	4206449.03	2919.19712	12	12	0	ANNUAL	AREA	S
610406.43	4206449.03	2996.83305	12	12	0	ANNUAL	AREA	S
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610420.43	4206449.03	3161.03254	12	12	0	ANNUAL	AREA	S
610427.43	4206449.03	3247.8843	12	12	0	ANNUAL	AREA	S
610434.43	4206449.03	3337.98866	12	12	0	ANNUAL	AREA	S
610441.43	4206449.03	3431.5507	12	12	0	ANNUAL	AREA	S
610448.43	4206449.03	3528.67027	12	12	0	ANNUAL	AREA	S
610455.43	4206449.03	3629.55083	12	12	0	ANNUAL	AREA	S
610462.43	4206449.03	3734.32164	12	12	0	ANNUAL	AREA	S
610469.43	4206449.03	3843.1781	12	12	0	ANNUAL	AREA	S
610476.43	4206449.03	3956.195	12	12	0	ANNUAL	AREA	S
610497.43	4206449.03	4322.96722	12	12	0	ANNUAL	AREA	S
610504.43	4206449.03	4455.24339	12	12	0	ANNUAL	AREA	S
610511.43	4206449.03	4592.9526	12	12	0	ANNUAL	AREA	S
610518.43	4206449.03	4736.55076	12	12	0	ANNUAL	AREA	S
610525.43	4206449.03	4886.46975	12	12	0	ANNUAL	AREA	S
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610539.43	4206449.03	5207.89855	12	12	0	ANNUAL	AREA	S
610546.43	4206449.03	5380.83392	12	12	0	ANNUAL	AREA	S
610553.43	4206449.03	5563.27232	12	12	0	ANNUAL	AREA	S
610560.43	4206449.03	5756.93363	11.98	11.98	0	ANNUAL	AREA	S
610567.43	4206449.03	5962.887	11.96	11.96	0	ANNUAL	AREA	S
610574.43	4206449.03	6182.81141	11.94	11.94	0	ANNUAL	AREA	S
610581.43	4206449.03	6418.78788	11.92	11.92	0	ANNUAL	AREA	S
610588.43	4206449.03	6673.10484	11.89	11.89	0	ANNUAL	AREA	S
610595.43	4206449.03	6947.14073	11.87	11.87	0	ANNUAL	AREA	S
610602.43	4206449.03	7243.19502	11.85	11.85	0	ANNUAL	AREA	S
610609.43	4206449.03	7563.5923	11.82	11.82	0	ANNUAL	AREA	S
610616.43	4206449.03	7908.74628	11.8	11.8	0	ANNUAL	AREA	S
610623.43	4206449.03	8281.08366	11.77	11.77	0	ANNUAL	AREA	S
610630.43	4206449.03	8680.8658	11.74	11.74	0	ANNUAL	AREA	S
610637.43	4206449.03	9112.96712	11.66	11.66	0	ANNUAL	AREA	S
610644.43	4206449.03	9574.04171	11.59	11.59	0	ANNUAL	AREA	S
610651.43	4206449.03	10066.21522	11.52	11.52	0	ANNUAL	AREA	S
610658.43	4206449.03	10592.56388	11.44	11.44	0	ANNUAL	AREA	S
610665.43	4206449.03	11153.11709	11.37	11.37	0	ANNUAL	AREA	S
610672.43	4206449.03	11752.04246	11.3	11.3	0	ANNUAL	AREA	S
610679.43	4206449.03	12392.76398	11.23	11.23	0	ANNUAL	AREA	S
610686.43	4206449.03	13081.44739	11.15	11.15	0	ANNUAL	AREA	S
610693.43	4206449.03	13815.80563	11.08	11.08	0	ANNUAL	AREA	S
610700.43	4206449.03	14600.2564	11.01	11.01	0	ANNUAL	AREA	S
610707.43	4206449.03	15444.20889	10.92	10.92	0	ANNUAL	AREA	S
610714.43	4206449.03	16345.7201	10.82	10.82	0	ANNUAL	AREA	S
610721.43	4206449.03	17293.46203	10.73	10.73	0	ANNUAL	AREA	S
610735.43	4206449.03	19331.77924	10.54	10.54	0	ANNUAL	AREA	S
610742.43	4206449.03	20413.16459	10.44	10.44	0	ANNUAL	AREA	S
610749.43	4206449.03	21516.62869	10.35	10.35	0	ANNUAL	AREA	S
610756.43	4206449.03	22651.61086	10.25	10.25	0	ANNUAL	AREA	S
610763.43	4206449.03	23801.73424	10.15	10.15	0	ANNUAL	AREA	S
610770.43	4206449.03	24925.73135	10.06	10.06	0	ANNUAL	AREA	S
610777.43	4206449.03	25965.29409	9.96	9.96	0	ANNUAL	AREA	S
610784.43	4206449.03	26985.45881	9.87	9.87	0	ANNUAL	AREA	S
610910.43	4206449.03	35374.84744	9	9	0	ANNUAL	AREA	S
610917.43	4206449.03	35223.54103	9	9	0	ANNUAL	AREA	S
610924.43	4206449.03	35027.21317	9	9	0	ANNUAL	AREA	S
610931.43	4206449.03	34789.83417	9	9	0	ANNUAL	AREA	S
610938.43	4206449.03	34515.91866	9	9	0	ANNUAL	AREA	S
610945.43	4206449.03	34208.9041	9	9	0	ANNUAL	AREA	S
610952.43	4206449.03	33872.61828	9	9	0	ANNUAL	AREA	S
610959.43	4206449.03	33510.19886	9	9	0	ANNUAL	AREA	S
610966.43	4206449.03	33124.97391	9	9	0	ANNUAL	AREA	S
610973.43	4206449.03	32719.77151	9	9	0	ANNUAL	AREA	S
610980.43	4206449.03	32297.19711	9	9	0	ANNUAL	AREA	S
611001.43	4206449.03	30949.73878	9	9	0	ANNUAL	AREA	S
611008.43	4206449.03	30480.77533	9	9	0	ANNUAL	AREA	S
611015.43	4206449.03	30004.89833	9	9	0	ANNUAL	AREA	S
611022.43	4206449.03	29523.71277	9	9	0	ANNUAL	AREA	S
611029.43	4206449.03	29038.62854	9	9	0	ANNUAL	AREA	S
611036.43	4206449.03	28550.94597	9	9	0	ANNUAL	AREA	S
611043.43	4206449.03	28061.80771	9	9	0	ANNUAL	AREA	S
611050.43	4206449.03	27572.33038	9	9	0	ANNUAL	AREA	S
611057.43	4206449.03	27083.46537	9	9	0	ANNUAL	AREA	S
611062.74	4206449.14	26703.12008	9	9	0	ANNUAL	AREA	S
611078.43	4206449.03	25628.17794	9	9	0	ANNUAL	AREA	S
611085.43	4206449.03	25149.13228	9	9	0	ANNUAL	AREA	S
611092.43	4206449.03	24674.22419	9	9	0	ANNUAL	AREA	S
610294.43	4206456.03	1994.64307	11.44	11.44	0	ANNUAL	AREA	S
610301.43	4206456.03	2037.24618	11.53	11.53	0	ANNUAL	AREA	S
610308.43	4206456.03	2081.12422	11.63	11.63	0	ANNUAL	AREA	S
610315.43	4206456.03	2126.53405	11.73	11.73	0	ANNUAL	AREA	S
610322.43	4206456.03	2173.69273	11.82	11.82	0	ANNUAL	AREA	S
610329.43	4206456.03	2222.29946	11.92	11.92	0	ANNUAL	AREA	S
610336.43	4206456.03	2272.99598	12	12	0	ANNUAL	AREA	S
610343.43	4206456.03	2326.78397	12	12	0	ANNUAL	AREA	S
610350.43	4206456.03	2382.48984	12	12	0	ANNUAL	AREA	S
610357.43	4206456.03	2440.18039	12	12	0	ANNUAL	AREA	S
610364.43	4206456.03	2500.01285	12	12	0	ANNUAL	AREA	S
610371.43	4206456.03	2561.9591	12	12	0	ANNUAL	AREA	S
610378.43	4206456.03	2626.16573	12	12	0	ANNUAL	AREA	S
610385.43	4206456.03	2692.75452	12	12	0	ANNUAL	AREA	S
610392.43	4206456.03	2761.70415	12	12	0	ANNUAL	AREA	S
610399.43	4206456.03	2833.26437	12	12	0	ANNUAL	AREA	S
610406.43	4206456.03	2907.43442	12	12	0	ANNUAL	AREA	S
610413.43	4206456.03	2984.3145	12	12	0	ANNUAL	AREA	S
610420.43	4206456.03	3064.03333	12	12	0	ANNUAL	AREA	S
610427.43	4206456.03	3146.70694	12	12	0	ANNUAL	AREA	S
610434.43	4206456.03	3232.4084	12	12	0	ANNUAL	AREA	S
610441.43	4206456.03	3321.28492	12	12	0	ANNUAL	AREA	S
610448.43	4206456.03	3413.46274	12	12	0	ANNUAL	AREA	S
610455.43	4206456.03	3509.03939	12	12	0	ANNUAL	AREA	S
610462.43	4206456.03	3608.21869	12	12	0	ANNUAL	AREA	S
610469.43	4206456.03	3711.04867	12	12	0	ANNUAL	AREA	S
610476.43	4206456.03	3817.76982	12	12	0	ANNUAL	AREA	S
610497.43	4206456.03	4162.76332	12	12	0	ANNUAL	AREA	S
610504.43	4206456.03	4286.83867	12	12	0	ANNUAL	AREA	S
610511.43	4206456.03	4415.82919	12	12	0	ANNUAL	AREA	S
610518.43	4206456.03	4550.16728	12	12	0	ANNUAL	AREA	S
610525.43	4206456.03	4690.23059	12	12	0	ANNUAL	AREA	S
610532.43	4206456.03	4836.62483	12	12	0	ANNUAL	AREA	S
610539.43	4206456.03	4990.00165	12	12	0	ANNUAL	AREA	S
610546.43	4206456.03	5151.07649	12	12	0	ANNUAL	AREA	S
610553.43	4206456.03	5320.89625	12	12	0	ANNUAL	AREA	S
610560.43	4206456.03	5500.8117	11.99	11.99	0	ANNUAL	AREA	S
610567.43	4206456.03	5692.34531	11.97	11.97	0	ANNUAL	AREA	S
610574.43	4206456.03	5896.42953	11.96	11.96	0	ANNUAL	AREA	S
610581.43	4206456.03	6115.33167	11.94	11.94	0	ANNUAL	AREA	S
610588.43	4206456.03	6350.35876	11.93	11.93	0	ANNUAL	AREA	S
610595.43	4206456.03	6603.77064	11.91	11.91	0	ANNUAL	AREA	S
610602.43	4206456.03	6876.99301	11.89	11.89	0	ANNUAL	AREA	S
610609.43	4206456.03	7170.99013	11.88	11.88	0	ANNUAL	AREA	S
610616.43	4206456.03	7487.95015	11.86	11.86	0	ANNUAL	AREA	S
610623.43	4206456.03	7828.21997	11.84	11.84	0	ANNUAL	AREA	S
610630.43	4206456.03	8193.29738	11.81	11.81	0	ANNUAL	AREA	S
610637.43	4206456.03	8586.77589	11.73	11.73	0	ANNUAL	AREA	S
610644.43	4206456.03	9006.34348	11.65	11.65	0	ANNUAL	AREA	S
610651.43	4206456.03	9452.94388	11.57	11.57	0	ANNUAL	AREA	S
610658.43	4206456.03	9927.76979	11.49	11.49	0	ANNUAL	AREA	S
610665.43	4206456.03	10432.87869	11.41	11.41	0	ANNUAL	AREA	S
610672.43	4206456.03	10970.79193	11.33	11.33	0	ANNUAL	AREA	S
610679.43	4206456.03	11544.19981	11.25	11.25	0	ANNUAL	AREA	S
610686.43	4206456.03	12155.89482	11.17	11.17	0	ANNUAL	AREA	S
610693.43	4206456.03	12808.71232	11.09	11.09	0	ANNUAL	AREA	S
610700.43	4206456.03	13504.67743	11.01	11.01	0	ANNUAL	AREA	S
610707.43	4206456.03	14249.10705	10.92	10.92	0	ANNUAL	AREA	S
610714.43	4206456.03	15043.70475	10.82	10.82	0	ANNUAL	AREA	S
610721.43	4206456.03	15879.20886	10.73	10.73	0	ANNUAL	AREA	S
610742.43	4206456.03	18641.84327	10.44	10.44	0	ANNUAL	AREA	S
610749.43	4206456.03	19634.07469	10.34	10.34	0	ANNUAL	AREA	S
610910.43	4206456.03	33339.60316	9	9	0	ANNUAL	AREA	S
610917.43	4206456.03	33268.63582	9	9	0	ANNUAL	AREA	S
610924.43	4206456.03	33152.52149	9	9	0	ANNUAL	AREA	S
610931.43	4206456.03	32995.05403	9	9	0	ANNUAL	AREA	S
610938.43	4206456.03	32799.80651	9	9	0	ANNUAL	AREA	S
610945.43	4206456.03	32570.32186	9	9	0	ANNUAL	AREA	S
610952.43	4206456.03	32309.72926	9	9	0	ANNUAL	AREA	S
610959.43	4206456.03	32021.26001	9	9	0	ANNUAL	AREA	S
610966.43	4206456.03	31707.89942	9	9	0	ANNUAL	AREA	S
610973.43	4206456.03	31372.25545	9	9	0	ANNUAL	AREA	S
610980.43	4206456.03	31017.11754	9	9	0	ANNUAL	AREA	S
611008.43	4206456.03	29445.93818	9	9	0	ANNUAL	AREA	S
611015.43	4206456.03	29025.46353	9	9	0	ANNUAL	AREA	S
611022.43	4206456.03	28597.30086	9	9	0	ANNUAL	AREA	S
611029.43	4206456.03	28162.93827	9	9	0	ANNUAL	AREA	S
611036.43	4206456.03	27723.79185	9	9	0	ANNUAL	AREA	S
611043.43	4206456.03	27281.00275	9	9	0	ANNUAL	AREA	S
611050.43	4206456.03	26835.76525	9	9	0	ANNUAL	AREA	S
611057.43	4206456.03	26388.9836	9	9	0	ANNUAL	AREA	S
611062.74	4206456.14	26039.17014	9	9	0	ANNUAL	AREA	S
611078.43	4206456.03	25048.73116	9	9	0	ANNUAL	AREA	S
611085.43	4206456.03	24604.54864	9	9	0	ANNUAL	AREA	S
611092.43	4206456.03	24162.65906	9	9	0	ANNUAL	AREA	S
610294.43	4206463.03	1945.50638	11.44	11.44	0	ANNUAL	AREA	S
610301.43	4206463.03	1986.44138	11.54	11.54	0	ANNUAL	AREA	S
610308.43	4206463.03	2028.92599	11.63	11.63	0	ANNUAL	AREA	S
610315.43	4206463.03	2072.70158	11.73	11.73	0	ANNUAL	AREA	S

610322.43	4206463.03	2118.1288	11.82	11.82	0	ANNUAL	AREA	S
610329.43	4206463.03	2164.99323	11.92	11.92	0	ANNUAL	AREA	S
610336.43	4206463.03	2213.79539	12	12	0	ANNUAL	AREA	S
610343.43	4206463.03	2265.56486	12	12	0	ANNUAL	AREA	S
610350.43	4206463.03	2319.12008	12	12	0	ANNUAL	AREA	S
610357.43	4206463.03	2374.61506	12	12	0	ANNUAL	AREA	S
610364.43	4206463.03	2432.03607	12	12	0	ANNUAL	AREA	S
610371.43	4206463.03	2491.52042	12	12	0	ANNUAL	AREA	S
610378.43	4206463.03	2553.11203	12	12	0	ANNUAL	AREA	S
610385.43	4206463.03	2616.87748	12	12	0	ANNUAL	AREA	S
610392.43	4206463.03	2682.97416	12	12	0	ANNUAL	AREA	S
610399.43	4206463.03	2751.41623	12	12	0	ANNUAL	AREA	S
610406.43	4206463.03	2822.28751	12	12	0	ANNUAL	AREA	S
610413.43	4206463.03	2895.71142	12	12	0	ANNUAL	AREA	S
610420.43	4206463.03	2971.78883	12	12	0	ANNUAL	AREA	S
610427.43	4206463.03	3050.53105	12	12	0	ANNUAL	AREA	S
610434.43	4206463.03	3132.13977	12	12	0	ANNUAL	AREA	S
610441.43	4206463.03	3216.63754	12	12	0	ANNUAL	AREA	S
610448.43	4206463.03	3304.17424	12	12	0	ANNUAL	AREA	S
610455.43	4206463.03	3394.83311	12	12	0	ANNUAL	AREA	S
610462.43	4206463.03	3488.69022	12	12	0	ANNUAL	AREA	S
610469.43	4206463.03	3585.97105	12	12	0	ANNUAL	AREA	S
610476.43	4206463.03	3686.72177	12	12	0	ANNUAL	AREA	S
610497.43	4206463.03	4011.51956	12	12	0	ANNUAL	AREA	S
610504.43	4206463.03	4127.95407	12	12	0	ANNUAL	AREA	S
610511.43	4206463.03	4248.91355	12	12	0	ANNUAL	AREA	S
610518.43	4206463.03	4374.68277	12	12	0	ANNUAL	AREA	S
610525.43	4206463.03	4505.72611	12	12	0	ANNUAL	AREA	S
610532.43	4206463.03	4642.49062	12	12	0	ANNUAL	AREA	S
610539.43	4206463.03	4785.67101	12	12	0	ANNUAL	AREA	S
610546.43	4206463.03	4935.99189	12	12	0	ANNUAL	AREA	S
610553.43	4206463.03	5094.36356	12	12	0	ANNUAL	AREA	S
610560.43	4206463.03	5262.09126	11.99	11.99	0	ANNUAL	AREA	S
610567.43	4206463.03	5439.97997	11.99	11.99	0	ANNUAL	AREA	S
610574.43	4206463.03	5629.93958	11.98	11.98	0	ANNUAL	AREA	S
610581.43	4206463.03	5833.25447	11.97	11.97	0	ANNUAL	AREA	S
610588.43	4206463.03	6051.46829	11.96	11.96	0	ANNUAL	AREA	S
610595.43	4206463.03	6286.09307	11.95	11.95	0	ANNUAL	AREA	S
610602.43	4206463.03	6538.44708	11.94	11.94	0	ANNUAL	AREA	S
610609.43	4206463.03	6809.78986	11.93	11.93	0	ANNUAL	AREA	S
610616.43	4206463.03	7101.16495	11.92	11.92	0	ANNUAL	AREA	S
610623.43	4206463.03	7413.19345	11.91	11.91	0	ANNUAL	AREA	S
610630.43	4206463.03	7747.6355	11.88	11.88	0	ANNUAL	AREA	S
610637.43	4206463.03	8108.0992	11.79	11.79	0	ANNUAL	AREA	S
610644.43	4206463.03	8491.57955	11.7	11.7	0	ANNUAL	AREA	S
610651.43	4206463.03	8897.66397	11.62	11.62	0	ANNUAL	AREA	S
610658.43	4206463.03	9329.24527	11.53	11.53	0	ANNUAL	AREA	S
610665.43	4206463.03	9786.87432	11.44	11.44	0	ANNUAL	AREA	S
610672.43	4206463.03	10271.12039	11.36	11.36	0	ANNUAL	AREA	S
610679.43	4206463.03	10787.03704	11.27	11.27	0	ANNUAL	AREA	S
610686.43	4206463.03	11335.68518	11.18	11.18	0	ANNUAL	AREA	S
610693.43	4206463.03	11917.06094	11.1	11.1	0	ANNUAL	AREA	S
610700.43	4206463.03	12537.88962	11.01	11.01	0	ANNUAL	AREA	S
610707.43	4206463.03	13197.61113	10.92	10.92	0	ANNUAL	AREA	S
610714.43	4206463.03	13900.86858	10.82	10.82	0	ANNUAL	AREA	S
610721.43	4206463.03	14640.12039	10.73	10.73	0	ANNUAL	AREA	S
610798.43	4206463.03	24152.15187	9.67	9.67	0	ANNUAL	AREA	S
610805.43	4206463.03	24963.65563	9.58	9.58	0	ANNUAL	AREA	S
610812.43	4206463.03	25744.16748	9.48	9.48	0	ANNUAL	AREA	S
610819.43	4206463.03	26489.46418	9.39	9.39	0	ANNUAL	AREA	S
610826.43	4206463.03	27193.48111	9.29	9.29	0	ANNUAL	AREA	S
610833.43	4206463.03	27851.23652	9.2	9.2	0	ANNUAL	AREA	S
610840.43	4206463.03	28457.79847	9.1	9.1	0	ANNUAL	AREA	S
610847.43	4206463.03	29009.74815	9	9	0	ANNUAL	AREA	S
610854.43	4206463.03	29507.36232	9	9	0	ANNUAL	AREA	S
610861.43	4206463.03	29946.21031	9	9	0	ANNUAL	AREA	S
610868.43	4206463.03	30325.23575	9	9	0	ANNUAL	AREA	S
610875.43	4206463.03	30644.66631	9	9	0	ANNUAL	AREA	S
610882.43	4206463.03	30905.45482	9	9	0	ANNUAL	AREA	S
610889.43	4206463.03	31108.80567	9	9	0	ANNUAL	AREA	S
610910.43	4206463.03	31397.25174	9	9	0	ANNUAL	AREA	S
610917.43	4206463.03	31395.18094	9	9	0	ANNUAL	AREA	S
610924.43	4206463.03	31348.9271	9	9	0	ANNUAL	AREA	S
610931.43	4206463.03	31261.85421	9	9	0	ANNUAL	AREA	S
610938.43	4206463.03	31136.51481	9	9	0	ANNUAL	AREA	S
610945.43	4206463.03	30976.49911	9	9	0	ANNUAL	AREA	S
610952.43	4206463.03	30784.36367	9	9	0	ANNUAL	AREA	S
610959.43	4206463.03	30563.1811	9	9	0	ANNUAL	AREA	S
610966.43	4206463.03	30315.6192	9	9	0	ANNUAL	AREA	S
610973.43	4206463.03	30044.32056	9	9	0	ANNUAL	AREA	S
610980.43	4206463.03	29751.63202	9	9	0	ANNUAL	AREA	S
610987.43	4206463.03	29439.8075	9	9	0	ANNUAL	AREA	S
611008.43	4206463.03	28411.10245	9	9	0	ANNUAL	AREA	S
611015.43	4206463.03	28043.29479	9	9	0	ANNUAL	AREA	S
611022.43	4206463.03	27665.73833	9	9	0	ANNUAL	AREA	S
611029.43	4206463.03	27280.16056	9	9	0	ANNUAL	AREA	S
611036.43	4206463.03	26887.53758	9	9	0	ANNUAL	AREA	S
611043.43	4206463.03	26489.54684	9	9	0	ANNUAL	AREA	S
611050.43	4206463.03	26087.1166	9	9	0	ANNUAL	AREA	S
611057.43	4206463.03	25681.38897	9	9	0	ANNUAL	AREA	S
611062.74	4206463.14	25361.22413	9	9	0	ANNUAL	AREA	S
611078.43	4206463.03	24453.60147	9	9	0	ANNUAL	AREA	S
611085.43	4206463.03	24043.50938	9	9	0	ANNUAL	AREA	S
611092.43	4206463.03	23634.21821	9	9	0	ANNUAL	AREA	S
610294.43	4206470.03	1898.68007	11.41	11.41	0	ANNUAL	AREA	S
610301.43	4206470.03	1938.35463	11.5	11.5	0	ANNUAL	AREA	S
610308.43	4206470.03	1979.25404	11.6	11.6	0	ANNUAL	AREA	S
610315.43	4206470.03	2021.49546	11.7	11.7	0	ANNUAL	AREA	S
610322.43	4206470.03	2065.33768	11.79	11.79	0	ANNUAL	AREA	S
610329.43	4206470.03	2110.53031	11.89	11.89	0	ANNUAL	AREA	S
610336.43	4206470.03	2157.5494	11.97	11.97	0	ANNUAL	AREA	S
610343.43	4206470.03	2207.26127	11.98	11.98	0	ANNUAL	AREA	S
610350.43	4206470.03	2258.85154	11.98	11.98	0	ANNUAL	AREA	S
610357.43	4206470.03	2312.19605	11.98	11.98	0	ANNUAL	AREA	S
610364.43	4206470.03	2367.26701	11.99	11.99	0	ANNUAL	AREA	S
610371.43	4206470.03	2424.4161	11.99	11.99	0	ANNUAL	AREA	S
610378.43	4206470.03	2483.51653	11.99	11.99	0	ANNUAL	AREA	S
610385.43	4206470.03	2544.71727	11.99	11.99	0	ANNUAL	AREA	S
610392.43	4206470.03	2607.8821	12	12	0	ANNUAL	AREA	S
610399.43	4206470.03	2673.36985	12	12	0	ANNUAL	AREA	S
610406.43	4206470.03	2741.20137	12	12	0	ANNUAL	AREA	S
610413.43	4206470.03	2811.40303	12	12	0	ANNUAL	AREA	S
610420.43	4206470.03	2883.94497	12	12	0	ANNUAL	AREA	S
610427.43	4206470.03	2959.11652	12	12	0	ANNUAL	AREA	S
610434.43	4206470.03	3036.77946	12	12	0	ANNUAL	AREA	S
610441.43	4206470.03	3117.2096	12	12	0	ANNUAL	AREA	S
610448.43	4206470.03	3200.35094	12	12	0	ANNUAL	AREA	S
610455.43	4206470.03	3286.35799	12	12	0	ANNUAL	AREA	S
610462.43	4206470.03	3375.34336	12	12	0	ANNUAL	AREA	S
610469.43	4206470.03	3467.3288	12	12	0	ANNUAL	AREA	S
610476.43	4206470.03	3562.53991	12	12	0	ANNUAL	AREA	S
610497.43	4206470.03	3868.53156	12	12	0	ANNUAL	AREA	S
610504.43	4206470.03	3977.94693	12	12	0	ANNUAL	AREA	S
610511.43	4206470.03	4091.39632	12	12	0	ANNUAL	AREA	S
610518.43	4206470.03	4209.27842	12	12	0	ANNUAL	AREA	S
610525.43	4206470.03	4331.99035	12	12	0	ANNUAL	AREA	S
610532.43	4206470.03	4459.9465	12	12	0	ANNUAL	AREA	S
610539.43	4206470.03	4593.81274	12	12	0	ANNUAL	AREA	S
610546.43	4206470.03	4734.28325	12	12	0	ANNUAL	AREA	S
610553.43	4206470.03	4882.19197	12	12	0	ANNUAL	AREA	S
610560.43	4206470.03	5038.61534	12	12	0	ANNUAL	AREA	S
610567.43	4206470.03	5204.67842	12	12	0	ANNUAL	AREA	S
610574.43	4206470.03	5381.5786	12	12	0	ANNUAL	AREA	S
610581.43	4206470.03	5570.73517	12	12	0	ANNUAL	AREA	S
610588.43	4206470.03	5773.49676	12	12	0	ANNUAL	AREA	S
610595.43	4206470.03	5991.37974	11.99	11.99	0	ANNUAL	AREA	S
610602.43	4206470.03	6225.03859	11.99	11.99	0	ANNUAL	AREA	S
610609.43	4206470.03	6475.76652	11.99	11.99	0	ANNUAL	AREA	S
610616.43	4206470.03	6744.25975	11.99	11.99	0	ANNUAL	AREA	S
610623.43	4206470.03	7031.1199	11.99	11.99	0	ANNUAL	AREA	S
610630.43	4206470.03	7339.11085	11.95	11.95	0	ANNUAL	AREA	S
610637.43	4206470.03	7669.67851	11.86	11.86	0	ANNUAL	AREA	S
610644.43	4206470.03	8021.36462	11.76	11.76	0	ANNUAL	AREA	S
610651.43	4206470.03	8392.99623	11.67	11.67	0	ANNUAL	AREA	S
610658.43	4206470.03	8786.85242	11.57	11.57	0	ANNUAL	AREA	S
610665.43	4206470.03	9202.20007	11.48	11.48	0	ANNUAL	AREA	S
610672.43	4206470.03	9641.39363	11.39	11.39	0	ANNUAL	AREA	S
610679.43	4206470.03	10107.89639	11.29	11.29	0	ANNUAL	AREA	S
610686.43	4206470.03	10600.49958	11.2	11.2	0	ANNUAL	AREA	S
610693.43	4206470.03	11125.06545	11.1	11.1	0	ANNUAL	AREA	S
610700.43	4206470.03	11679.24623	11.01	11.01	0	ANNUAL	AREA	S
610707.43	4206470.03	12266.72384	10.92	10.92	0	ANNUAL	AREA	S
610714.43	4206470.03	12891.77159	10.82	10.82	0	ANNUAL	AREA	S
610721.43	4206470.03	13552.36771	10.72	10.72	0	ANNUAL	AREA	S
610756.43	4206470.03	17334.21292	10.25	10.25	0	ANNUAL	AREA	S
610763.43	4206470.03	18176.08047	10.15	10.15	0	ANNUAL	AREA	S
610770.43	4206470.03	19012.55332	10.05	10.05	0	ANNUAL	AREA	S
610777.43	4206470.03	19800.06109	9.96	9.96	0	ANNUAL	AREA	S
610784.43	4206470.03	20587.95267	9.86	9.86	0	ANNUAL	AREA	S
610791.43	4206470.03	21371.1976	9.77	9.77	0	ANNUAL	AREA	S
610798.43	4206470.03	22144.81382	9.67	9.67	0	ANNUAL	AREA	S
610805.43	4206470.03	22903.30971	9.58	9.58	0	ANNUAL	AREA	S
610812.43	4206470.03	23639.5241	9.48	9.48	0	ANNUAL	AREA	S
610819.43	4206470.03	24349.41793	9.39	9.39	0	ANNUAL	AREA	S
610826.43	4206470.03	25027.39946	9.29	9.29	0	ANNUAL	AREA	S
610833.43	4206470.03	25668.42703	9.19	9.19	0	ANNUAL	AREA	S
610840.43	4206470.03	26268.40593	9.1	9.1	0	ANNUAL	AREA	S
610847.43	4206470.03	26822.98286	9	9	0	ANNUAL	AREA	S
610854.43	4206470.03	27331.89558	9	9	0	ANNUAL	AREA	S
610861.43	4206470.03	27790.26897	9	9	0	ANNUAL	AREA	S
610868.43	4206470.03	28196.69717	9	9	0	ANNUAL	AREA	S
610875.43	4206470.03	28550.49814	9	9	0	ANNUAL	AREA	S
610882.43	4206470.03	28851.6192	9	9	0	ANNUAL	AREA	S
610889.43	4206470.03	29100.64858	9	9	0	ANNUAL	AREA	S
610910.43	4206470.03	29549.54511	9	9	0	ANNUAL	AREA	S
610917.43	4206470.03	29606.0663	9	9	0	ANNUAL	AREA	S
610924.43	4206470.03	29620.08546	9	9	0	ANNUAL	AREA	S
610931.43	4206470.03	29593.94149	9	9	0	ANNUAL	AREA	S
610938.43	4206470.03	29530.43164	9	9	0	ANNUAL	AREA	S
610945.43	4206470.03	29432.04631	9	9	0	ANNUAL	AREA	S
610952.43	4206470.03	29301.4065	9	9	0	ANNUAL	AREA	S
610959.43	4206470.03	29141.04122	9	9	0	ANNUAL	AREA	S
610966.43	4206470.03	28953.42921	9	9	0	ANNUAL	AREA	S
610973.43	4206470.03	28740.90579	9	9	0	ANNUAL	AREA	S
610980.43	4206470.03	28505.7994	9	9	0	ANNUAL	AREA	S
610987.43	4206470.03	28250.21406	9	9	0	ANNUAL	AREA	S
611008.43	4206470.03	27380.76682	9	9	0	ANNUAL	AREA	S
611015.43	4206470.03	27062.71771	9	9	0	ANNUAL	AREA	S
611022.43	4206470.03	26733.31269	9	9	0	ANNUAL	AREA	S
611029.43	4206470.03	26393.93328	9	9	0	ANNUAL	AREA	S
611036.43	4206470.03	26046.15482	9	9	0	ANNUAL	AREA	S
611043.43	4206470.03	25691.03997	9	9	0	ANNUAL	AREA	S
611050.43	4206470.03	25329.83487	9	9	0	ANNUAL	AREA	S
611057.43	4206470.03	24963.80071	9	9	0	ANNUAL	AREA	S
611062.21	4206469.92	24722.40333	9	9	0	ANNUAL	AREA	S
611078.43	4206470.03	23845.38164	9	9	0	ANNUAL	AREA	S

611085.43	4206470.03	23468.71539	9	9	0	ANNUAL	AREA	S
611092.43	4206470.03	23091.34124	9	9	0	ANNUAL	AREA	S
610294.43	4206477.03	1854.37585	11.33	11.33	0	ANNUAL	AREA	S
610301.43	4206477.03	1892.61515	11.43	11.43	0	ANNUAL	AREA	S
610308.43	4206477.03	1932.0915	11.53	11.53	0	ANNUAL	AREA	S
610315.43	4206477.03	1973.06794	11.62	11.62	0	ANNUAL	AREA	S
610322.43	4206477.03	2015.25554	11.72	11.72	0	ANNUAL	AREA	S
610329.43	4206477.03	2058.87146	11.82	11.82	0	ANNUAL	AREA	S
610336.43	4206477.03	2104.26266	11.9	11.9	0	ANNUAL	AREA	S
610343.43	4206477.03	2152.18169	11.91	11.91	0	ANNUAL	AREA	S
610350.43	4206477.03	2201.73693	11.92	11.92	0	ANNUAL	AREA	S
610357.43	4206477.03	2252.97209	11.93	11.93	0	ANNUAL	AREA	S
610364.43	4206477.03	2305.9597	11.94	11.94	0	ANNUAL	AREA	S
610371.43	4206477.03	2360.72612	11.95	11.95	0	ANNUAL	AREA	S
610378.43	4206477.03	2417.39052	11.96	11.96	0	ANNUAL	AREA	S
610385.43	4206477.03	2475.9802	11.97	11.97	0	ANNUAL	AREA	S
610392.43	4206477.03	2536.51779	11.98	11.98	0	ANNUAL	AREA	S
610399.43	4206477.03	2599.17549	11.99	11.99	0	ANNUAL	AREA	S
610406.43	4206477.03	2663.90572	12	12	0	ANNUAL	AREA	S
610413.43	4206477.03	2730.98899	12	12	0	ANNUAL	AREA	S
610420.43	4206477.03	2800.36048	12	12	0	ANNUAL	AREA	S
610427.43	4206477.03	2872.02137	12	12	0	ANNUAL	AREA	S
610434.43	4206477.03	2946.07649	12	12	0	ANNUAL	AREA	S
610441.43	4206477.03	3022.57261	12	12	0	ANNUAL	AREA	S
610448.43	4206477.03	3101.6328	12	12	0	ANNUAL	AREA	S
610455.43	4206477.03	3183.25221	12	12	0	ANNUAL	AREA	S
610462.43	4206477.03	3267.60002	12	12	0	ANNUAL	AREA	S
610469.43	4206477.03	3354.71998	12	12	0	ANNUAL	AREA	S
610476.43	4206477.03	3444.71108	12	12	0	ANNUAL	AREA	S
610497.43	4206477.03	3733.11234	12	12	0	ANNUAL	AREA	S
610504.43	4206477.03	3835.93897	12	12	0	ANNUAL	AREA	S
610511.43	4206477.03	3942.51277	12	12	0	ANNUAL	AREA	S
610518.43	4206477.03	4053.11156	12	12	0	ANNUAL	AREA	S
610525.43	4206477.03	4168.08364	12	12	0	ANNUAL	AREA	S
610532.43	4206477.03	4287.98509	12	12	0	ANNUAL	AREA	S
610539.43	4206477.03	4413.30345	12	12	0	ANNUAL	AREA	S
610546.43	4206477.03	4544.74334	12	12	0	ANNUAL	AREA	S
610553.43	4206477.03	4683.14811	12	12	0	ANNUAL	AREA	S
610560.43	4206477.03	4829.63765	11.99	11.99	0	ANNUAL	AREA	S
610567.43	4206477.03	4984.92643	11.99	11.99	0	ANNUAL	AREA	S
610574.43	4206477.03	5150.46748	11.98	11.98	0	ANNUAL	AREA	S
610581.43	4206477.03	5327.14662	11.98	11.98	0	ANNUAL	AREA	S
610588.43	4206477.03	5516.6089	11.97	11.97	0	ANNUAL	AREA	S
610595.43	4206477.03	5719.71737	11.96	11.96	0	ANNUAL	AREA	S
610602.43	4206477.03	5937.18537	11.96	11.96	0	ANNUAL	AREA	S
610609.43	4206477.03	6170.47698	11.95	11.95	0	ANNUAL	AREA	S
610616.43	4206477.03	6419.54672	11.95	11.95	0	ANNUAL	AREA	S
610623.43	4206477.03	6685.6409	11.94	11.94	0	ANNUAL	AREA	S
610630.43	4206477.03	6969.72389	11.91	11.91	0	ANNUAL	AREA	S
610637.43	4206477.03	7275.40014	11.81	11.81	0	ANNUAL	AREA	S
610644.43	4206477.03	7598.47061	11.72	11.72	0	ANNUAL	AREA	S
610651.43	4206477.03	7940.68585	11.62	11.62	0	ANNUAL	AREA	S
610658.43	4206477.03	8300.78655	11.53	11.53	0	ANNUAL	AREA	S
610665.43	4206477.03	8681.5816	11.43	11.43	0	ANNUAL	AREA	S
610672.43	4206477.03	9082.01582	11.34	11.34	0	ANNUAL	AREA	S
610679.43	4206477.03	9504.49293	11.25	11.25	0	ANNUAL	AREA	S
610686.43	4206477.03	9952.15423	11.15	11.15	0	ANNUAL	AREA	S
610693.43	4206477.03	10423.54427	11.06	11.06	0	ANNUAL	AREA	S
610700.43	4206477.03	10924.35915	10.96	10.96	0	ANNUAL	AREA	S
610707.43	4206477.03	11451.55256	10.87	10.87	0	ANNUAL	AREA	S
610714.43	4206477.03	12008.40147	10.78	10.78	0	ANNUAL	AREA	S
610721.43	4206477.03	12595.53842	10.69	10.69	0	ANNUAL	AREA	S
610735.43	4206477.03	13860.84453	10.51	10.51	0	ANNUAL	AREA	S
610742.43	4206477.03	14537.73621	10.42	10.42	0	ANNUAL	AREA	S
610749.43	4206477.03	15242.19614	10.33	10.33	0	ANNUAL	AREA	S
610756.43	4206477.03	15978.35623	10.23	10.23	0	ANNUAL	AREA	S
610763.43	4206477.03	16731.36965	10.14	10.14	0	ANNUAL	AREA	S
610770.43	4206477.03	17481.54344	10.05	10.05	0	ANNUAL	AREA	S
610777.43	4206477.03	18197.5237	9.96	9.96	0	ANNUAL	AREA	S
610784.43	4206477.03	18917.55326	9.86	9.86	0	ANNUAL	AREA	S
610791.43	4206477.03	19637.31621	9.77	9.77	0	ANNUAL	AREA	S
610798.43	4206477.03	20352.64146	9.67	9.67	0	ANNUAL	AREA	S
610805.43	4206477.03	21058.82573	9.58	9.58	0	ANNUAL	AREA	S
610812.43	4206477.03	21749.66755	9.48	9.48	0	ANNUAL	AREA	S
610819.43	4206477.03	22421.38204	9.38	9.38	0	ANNUAL	AREA	S
610826.43	4206477.03	23069.17024	9.29	9.29	0	ANNUAL	AREA	S
610833.43	4206477.03	23688.22641	9.19	9.19	0	ANNUAL	AREA	S
610840.43	4206477.03	24274.41147	9.1	9.1	0	ANNUAL	AREA	S
610847.43	4206477.03	24823.34681	9	9	0	ANNUAL	AREA	S
610854.43	4206477.03	25334.49494	9	9	0	ANNUAL	AREA	S
610861.43	4206477.03	25802.71689	9	9	0	ANNUAL	AREA	S
610868.43	4206477.03	26225.93041	8.99	8.99	0	ANNUAL	AREA	S
610875.43	4206477.03	26603.42603	8.99	8.99	0	ANNUAL	AREA	S
610882.43	4206477.03	26934.18623	8.99	8.99	0	ANNUAL	AREA	S
610889.43	4206477.03	27218.25418	8.99	8.99	0	ANNUAL	AREA	S
610910.43	4206477.03	27796.52502	8.98	8.98	0	ANNUAL	AREA	S
610917.43	4206477.03	27902.48951	8.98	8.98	0	ANNUAL	AREA	S
610924.43	4206477.03	27967.69395	8.98	8.98	0	ANNUAL	AREA	S
610931.43	4206477.03	27994.32444	8.98	8.98	0	ANNUAL	AREA	S
610938.43	4206477.03	27984.81195	8.99	8.99	0	ANNUAL	AREA	S
610945.43	4206477.03	27940.7664	8.99	8.99	0	ANNUAL	AREA	S
610952.43	4206477.03	27864.72584	8.99	8.99	0	ANNUAL	AREA	S
610959.43	4206477.03	27758.8196	8.99	8.99	0	ANNUAL	AREA	S
610966.43	4206477.03	27625.26312	8.99	8.99	0	ANNUAL	AREA	S
610973.43	4206477.03	27466.35739	8.99	8.99	0	ANNUAL	AREA	S
610980.43	4206477.03	27283.9111	8.99	8.99	0	ANNUAL	AREA	S
610987.43	4206477.03	27080.21178	8.99	8.99	0	ANNUAL	AREA	S
611008.43	4206477.03	26358.93324	9	9	0	ANNUAL	AREA	S
611015.43	4206477.03	26087.71669	9	9	0	ANNUAL	AREA	S
611022.43	4206477.03	25803.70925	9	9	0	ANNUAL	AREA	S
611029.43	4206477.03	25508.30546	9	9	0	ANNUAL	AREA	S
611036.43	4206477.03	25203.0027	9	9	0	ANNUAL	AREA	S
611043.43	4206477.03	24888.87833	9	9	0	ANNUAL	AREA	S
611050.43	4206477.03	24567.37888	9	9	0	ANNUAL	AREA	S
611057.43	4206477.03	24239.31668	9	9	0	ANNUAL	AREA	S
611062.21	4206476.92	24023.29097	9	9	0	ANNUAL	AREA	S
611078.43	4206477.03	23226.75967	9	9	0	ANNUAL	AREA	S
611085.43	4206477.03	22882.66305	9	9	0	ANNUAL	AREA	S
611092.43	4206477.03	22536.45488	9	9	0	ANNUAL	AREA	S
610294.43	4206484.03	1811.69267	11.26	11.26	0	ANNUAL	AREA	S
610301.43	4206484.03	1848.64357	11.36	11.36	0	ANNUAL	AREA	S
610308.43	4206484.03	1886.99377	11.45	11.45	0	ANNUAL	AREA	S
610315.43	4206484.03	1926.44342	11.55	11.55	0	ANNUAL	AREA	S
610322.43	4206484.03	1967.22396	11.65	11.65	0	ANNUAL	AREA	S
610329.43	4206484.03	2009.49919	11.74	11.74	0	ANNUAL	AREA	S
610336.43	4206484.03	2053.18723	11.83	11.83	0	ANNUAL	AREA	S
610343.43	4206484.03	2099.42488	11.84	11.84	0	ANNUAL	AREA	S
610350.43	4206484.03	2147.05075	11.86	11.86	0	ANNUAL	AREA	S
610357.43	4206484.03	2196.30626	11.88	11.88	0	ANNUAL	AREA	S
610364.43	4206484.03	2247.158	11.9	11.9	0	ANNUAL	AREA	S
610371.43	4206484.03	2299.87196	11.91	11.91	0	ANNUAL	AREA	S
610378.43	4206484.03	2354.17863	11.93	11.93	0	ANNUAL	AREA	S
610385.43	4206484.03	2410.27139	11.95	11.95	0	ANNUAL	AREA	S
610392.43	4206484.03	2468.42995	11.96	11.96	0	ANNUAL	AREA	S
610399.43	4206484.03	2528.31051	11.98	11.98	0	ANNUAL	AREA	S
610406.43	4206484.03	2590.13159	12	12	0	ANNUAL	AREA	S
610413.43	4206484.03	2654.35794	12	12	0	ANNUAL	AREA	S
610420.43	4206484.03	2720.61544	12	12	0	ANNUAL	AREA	S
610427.43	4206484.03	2788.99471	12	12	0	ANNUAL	AREA	S
610434.43	4206484.03	2859.63229	12	12	0	ANNUAL	AREA	S
610441.43	4206484.03	2932.47981	12	12	0	ANNUAL	AREA	S
610448.43	4206484.03	3007.61774	12	12	0	ANNUAL	AREA	S
610455.43	4206484.03	3085.15046	12	12	0	ANNUAL	AREA	S
610462.43	4206484.03	3165.11884	12	12	0	ANNUAL	AREA	S
610469.43	4206484.03	3247.6273	12	12	0	ANNUAL	AREA	S
610497.43	4206484.03	3604.6142	12	12	0	ANNUAL	AREA	S
610504.43	4206484.03	3701.41821	12	12	0	ANNUAL	AREA	S
610511.43	4206484.03	3801.53305	12	12	0	ANNUAL	AREA	S
610518.43	4206484.03	3905.37411	12	12	0	ANNUAL	AREA	S
610525.43	4206484.03	4013.29297	12	12	0	ANNUAL	AREA	S
610532.43	4206484.03	4125.73695	12	12	0	ANNUAL	AREA	S
610539.43	4206484.03	4243.19096	12	12	0	ANNUAL	AREA	S
610546.43	4206484.03	4366.41863	12	12	0	ANNUAL	AREA	S
610553.43	4206484.03	4496.10891	12	12	0	ANNUAL	AREA	S
610560.43	4206484.03	4633.3572	11.99	11.99	0	ANNUAL	AREA	S
610567.43	4206484.03	4779.16893	11.97	11.97	0	ANNUAL	AREA	S
610574.43	4206484.03	4934.17737	11.96	11.96	0	ANNUAL	AREA	S
610581.43	4206484.03	5099.7479	11.95	11.95	0	ANNUAL	AREA	S
610588.43	4206484.03	5277.21607	11.93	11.93	0	ANNUAL	AREA	S
610595.43	4206484.03	5466.92997	11.92	11.92	0	ANNUAL	AREA	S
610602.43	4206484.03	5670.12087	11.91	11.91	0	ANNUAL	AREA	S
610609.43	4206484.03	5887.47383	11.9	11.9	0	ANNUAL	AREA	S
610616.43	4206484.03	6119.91615	11.88	11.88	0	ANNUAL	AREA	S
610623.43	4206484.03	6367.13473	11.87	11.87	0	ANNUAL	AREA	S
610630.43	4206484.03	6631.09053	11.83	11.83	0	ANNUAL	AREA	S
610637.43	4206484.03	6913.46145	11.74	11.74	0	ANNUAL	AREA	S
610644.43	4206484.03	7212.74143	11.64	11.64	0	ANNUAL	AREA	S
610651.43	4206484.03	7527.66736	11.55	11.55	0	ANNUAL	AREA	S
610658.43	4206484.03	7860.15988	11.45	11.45	0	ANNUAL	AREA	S
610665.43	4206484.03	8208.95048	11.36	11.36	0	ANNUAL	AREA	S
610672.43	4206484.03	8576.9748	11.26	11.26	0	ANNUAL	AREA	S
610679.43	4206484.03	8962.93799	11.17	11.17	0	ANNUAL	AREA	S
610686.43	4206484.03	9370.72678	11.07	11.07	0	ANNUAL	AREA	S
610693.43	4206484.03	9798.8483	10.98	10.98	0	ANNUAL	AREA	S
610700.43	4206484.03	10252.29805	10.88	10.88	0	ANNUAL	AREA	S
610707.43	4206484.03	10725.958	10.8	10.8	0	ANNUAL	AREA	S
610714.43	4206484.03	11224.68013	10.72	10.72	0	ANNUAL	AREA	S
610721.43	4206484.03	11752.38104	10.63	10.63	0	ANNUAL	AREA	S
610735.43	4206484.03	12880.96991	10.47	10.47	0	ANNUAL	AREA	S
610742.43	4206484.03	13488.94899	10.38	10.38	0	ANNUAL	AREA	S
610749.43	4206484.03	14117.52496	10.3	10.3	0	ANNUAL	AREA	S
610756.43	4206484.03	14769.53617	10.22	10.22	0	ANNUAL	AREA	S
610763.43	4206484.03	15440.17241	10.13	10.13	0	ANNUAL	AREA	S
610770.43	4206484.03	16121.86545	10.05	10.05	0	ANNUAL	AREA	S
610777.43	4206484.03	16772.45344	9.96	9.96	0	ANNUAL	AREA	S
610784.43	4206484.03	17429.68526	9.86	9.86	0	ANNUAL	AREA	S
610791.43	4206484.03	18089.94941	9.77	9.77	0	ANNUAL	AREA	S
610798.43	4206484.03	18749.83368	9.67	9.67	0	ANNUAL	AREA	S
610805.43	4206484.03	19405.10692	9.57	9.57	0	ANNUAL	AREA	S
610812.43	4206484.03	20050.81513	9.48	9.48	0	ANNUAL	AREA	S
610819.43	4206484.03	20683.2481	9.38	9.38	0	ANNUAL	AREA	S
610826.43	4206484.03	21298.23887	9.29	9.29	0	ANNUAL	AREA	S
610833.43	4206484.03	21891.20394	9.19	9.19	0	ANNUAL	AREA	S
610840.43	4206484.03	22458.5069	9.1	9.1	0	ANNUAL	AREA	S
610847.43	4206484.03	22995.85384	9	9	0	ANNUAL	AREA	S
610854.43	4206484.03	23501.71094	8.99	8.99	0	ANNUAL	AREA	S
610861.43	4206484.03	23971.9079	8.98	8.98	0	ANNUAL	AREA	S
610868.43	4206484.03	24403.98387	8.97	8.97	0	ANNUAL	AREA	S
610875.43	4206484.03	24796.07777	8.96	8.96	0	ANNUAL	AREA	S
610882.43	4206484.03	25147.27993	8.95	8.95	0	ANNUAL	AREA	S
610889.43	4206484.03	25457.00231	8.94	8.94	0	ANNUAL	AREA	S
610910.43	4206484.03	26137.86351	8.92	8.92	0	ANNUAL	AREA	S
610917.43	4206484.03	26284.37575	8.91	8.91	0	ANNUAL	AREA	S
610924.43	4206484.03	26392.70638	8.91	8.91	0	ANNUAL	AREA	S
610931.43	4206484.03	26464.4116	8.91	8.91	0	ANNUAL	AREA	S
610938.43	4206484.03	26501.05985	8.91	8.91	0	ANNUAL	AREA	S

610945.43	4206484.03	26504.55773	8.91	8.91	0	ANNUAL	AREA	5
610952.43	4206484.03	26476.70042	8.91	8.91	0	ANNUAL	AREA	5
610959.43	4206484.03	26419.31757	8.91	8.91	0	ANNUAL	AREA	5
610966.43	4206484.03	26334.38259	8.91	8.91	0	ANNUAL	AREA	5
610973.43	4206484.03	26223.84459	8.92	8.92	0	ANNUAL	AREA	5
610980.43	4206484.03	26088.4174	8.92	8.92	0	ANNUAL	AREA	5
610987.43	4206484.03	25932.91284	8.92	8.92	0	ANNUAL	AREA	5
611008.43	4206484.03	25348.90075	8.92	8.92	0	ANNUAL	AREA	5
611015.43	4206484.03	25121.41136	8.92	8.92	0	ANNUAL	AREA	5
611022.43	4206484.03	24880.01094	8.92	8.92	0	ANNUAL	AREA	5
611029.43	4206484.03	24626.19071	8.92	8.92	0	ANNUAL	AREA	5
611036.43	4206484.03	24361.02536	8.92	8.92	0	ANNUAL	AREA	5
611043.43	4206484.03	24086.14596	8.93	8.93	0	ANNUAL	AREA	5
611050.43	4206484.03	23802.27908	8.93	8.93	0	ANNUAL	AREA	5
611057.43	4206484.03	23510.79056	8.93	8.93	0	ANNUAL	AREA	5
611062.21	4206483.92	23319.03541	8.93	8.93	0	ANNUAL	AREA	5
611078.43	4206484.03	22600.25639	8.93	8.93	0	ANNUAL	AREA	5
611085.43	4206484.03	22287.52722	8.93	8.93	0	ANNUAL	AREA	5
611092.43	4206484.03	21971.80307	8.93	8.93	0	ANNUAL	AREA	5
610294.43	4206491.03	1770.77735	11.18	11.18	0	ANNUAL	AREA	5
610301.43	4206491.03	1806.58694	11.28	11.28	0	ANNUAL	AREA	5
610308.43	4206491.03	1843.54029	11.38	11.38	0	ANNUAL	AREA	5
610315.43	4206491.03	1881.8494	11.47	11.47	0	ANNUAL	AREA	5
610322.43	4206491.03	1921.28792	11.57	11.57	0	ANNUAL	AREA	5
610329.43	4206491.03	1962.01256	11.67	11.67	0	ANNUAL	AREA	5
610336.43	4206491.03	2004.3372	11.75	11.75	0	ANNUAL	AREA	5
610343.43	4206491.03	2048.72464	11.78	11.78	0	ANNUAL	AREA	5
610350.43	4206491.03	2094.7132	11.8	11.8	0	ANNUAL	AREA	5
610357.43	4206491.03	2142.01421	11.83	11.83	0	ANNUAL	AREA	5
610364.43	4206491.03	2191.03183	11.85	11.85	0	ANNUAL	AREA	5
610371.43	4206491.03	2241.63341	11.87	11.87	0	ANNUAL	AREA	5
610378.43	4206491.03	2293.69786	11.9	11.9	0	ANNUAL	AREA	5
610385.43	4206491.03	2347.65556	11.92	11.92	0	ANNUAL	AREA	5
610392.43	4206491.03	2403.14585	11.95	11.95	0	ANNUAL	AREA	5
610399.43	4206491.03	2460.59014	11.97	11.97	0	ANNUAL	AREA	5
610406.43	4206491.03	2519.88541	11.99	11.99	0	ANNUAL	AREA	5
610413.43	4206491.03	2581.16053	12	12	0	ANNUAL	AREA	5
610420.43	4206491.03	2644.49761	12	12	0	ANNUAL	AREA	5
610427.43	4206491.03	2709.81946	12	12	0	ANNUAL	AREA	5
610434.43	4206491.03	2777.15929	12	12	0	ANNUAL	AREA	5
610441.43	4206491.03	2846.52615	12	12	0	ANNUAL	AREA	5
610448.43	4206491.03	2917.99616	12	12	0	ANNUAL	AREA	5
610455.43	4206491.03	2991.64837	12	12	0	ANNUAL	AREA	5
610462.43	4206491.03	3067.49259	12	12	0	ANNUAL	AREA	5
610469.43	4206491.03	3145.6085	12	12	0	ANNUAL	AREA	5
610497.43	4206491.03	3482.67531	12	12	0	ANNUAL	AREA	5
610504.43	4206491.03	3573.76649	12	12	0	ANNUAL	AREA	5
610511.43	4206491.03	3667.90026	12	12	0	ANNUAL	AREA	5
610518.43	4206491.03	3765.50035	12	12	0	ANNUAL	AREA	5
610525.43	4206491.03	3866.84502	12	12	0	ANNUAL	AREA	5
610532.43	4206491.03	3972.40995	12	12	0	ANNUAL	AREA	5
610539.43	4206491.03	4082.67624	12	12	0	ANNUAL	AREA	5
610546.43	4206491.03	4198.36523	12	12	0	ANNUAL	AREA	5
610553.43	4206491.03	4320.12544	12	12	0	ANNUAL	AREA	5
610560.43	4206491.03	4449.04945	11.98	11.98	0	ANNUAL	AREA	5
610567.43	4206491.03	4585.82458	11.96	11.96	0	ANNUAL	AREA	5
610574.43	4206491.03	4731.39249	11.94	11.94	0	ANNUAL	AREA	5
610581.43	4206491.03	4886.82844	11.92	11.92	0	ANNUAL	AREA	5
610588.43	4206491.03	5053.10509	11.9	11.9	0	ANNUAL	AREA	5
610595.43	4206491.03	5230.98314	11.88	11.88	0	ANNUAL	AREA	5
610602.43	4206491.03	5421.21508	11.86	11.86	0	ANNUAL	AREA	5
610609.43	4206491.03	5624.45723	11.84	11.84	0	ANNUAL	AREA	5
610616.43	4206491.03	5841.22102	11.82	11.82	0	ANNUAL	AREA	5
610623.43	4206491.03	6071.74938	11.8	11.8	0	ANNUAL	AREA	5
610630.43	4206491.03	6317.72173	11.75	11.75	0	ANNUAL	AREA	5
610637.43	4206491.03	6579.93442	11.66	11.66	0	ANNUAL	AREA	5
610644.43	4206491.03	6857.30996	11.56	11.56	0	ANNUAL	AREA	5
610651.43	4206491.03	7148.78677	11.47	11.47	0	ANNUAL	AREA	5
610658.43	4206491.03	7455.92111	11.37	11.37	0	ANNUAL	AREA	5
610665.43	4206491.03	7777.45955	11.28	11.28	0	ANNUAL	AREA	5
610672.43	4206491.03	8114.7067	11.19	11.19	0	ANNUAL	AREA	5
610679.43	4206491.03	8469.77757	11.09	11.09	0	ANNUAL	AREA	5
610686.43	4206491.03	8841.15251	11	11	0	ANNUAL	AREA	5
610693.43	4206491.03	9232.90015	10.9	10.9	0	ANNUAL	AREA	5
610700.43	4206491.03	9643.07318	10.81	10.81	0	ANNUAL	AREA	5
610707.43	4206491.03	10072.26341	10.73	10.73	0	ANNUAL	AREA	5
610714.43	4206491.03	10523.16255	10.65	10.65	0	ANNUAL	AREA	5
610721.43	4206491.03	10993.56209	10.58	10.58	0	ANNUAL	AREA	5
610735.43	4206491.03	12006.12707	10.43	10.43	0	ANNUAL	AREA	5
610742.43	4206491.03	12549.25397	10.35	10.35	0	ANNUAL	AREA	5
610749.43	4206491.03	13115.37659	10.27	10.27	0	ANNUAL	AREA	5
610756.43	4206491.03	13698.50515	10.2	10.2	0	ANNUAL	AREA	5
610763.43	4206491.03	14307.15815	10.12	10.12	0	ANNUAL	AREA	5
610770.43	4206491.03	14910.60339	10.04	10.04	0	ANNUAL	AREA	5
610777.43	4206491.03	15501.79121	9.96	9.96	0	ANNUAL	AREA	5
610784.43	4206491.03	16101.2254	9.86	9.86	0	ANNUAL	AREA	5
610791.43	4206491.03	16706.11623	9.76	9.76	0	ANNUAL	AREA	5
610798.43	4206491.03	17313.63422	9.67	9.67	0	ANNUAL	AREA	5
610805.43	4206491.03	17920.80421	9.57	9.57	0	ANNUAL	AREA	5
610812.43	4206491.03	18521.72191	9.48	9.48	0	ANNUAL	AREA	5
610819.43	4206491.03	19114.70176	9.38	9.38	0	ANNUAL	AREA	5
610826.43	4206491.03	19695.65007	9.29	9.29	0	ANNUAL	AREA	5
610833.43	4206491.03	20260.17956	9.19	9.19	0	ANNUAL	AREA	5
610840.43	4206491.03	20804.72653	9.09	9.09	0	ANNUAL	AREA	5
610847.43	4206491.03	21326.02093	9	9	0	ANNUAL	AREA	5
610854.43	4206491.03	21821.62053	8.98	8.98	0	ANNUAL	AREA	5
610861.43	4206491.03	22287.66576	8.97	8.97	0	ANNUAL	AREA	5
610868.43	4206491.03	22721.46613	8.95	8.95	0	ANNUAL	AREA	5
610875.43	4206491.03	23121.16335	8.93	8.93	0	ANNUAL	AREA	5
610882.43	4206491.03	23485.33717	8.92	8.92	0	ANNUAL	AREA	5
610889.43	4206491.03	23812.80347	8.9	8.9	0	ANNUAL	AREA	5
610910.43	4206491.03	24572.39311	8.85	8.85	0	ANNUAL	AREA	5
610917.43	4206491.03	24751.9554	8.84	8.84	0	ANNUAL	AREA	5
610924.43	4206491.03	24896.04618	8.83	8.83	0	ANNUAL	AREA	5
610931.43	4206491.03	25005.6154	8.83	8.83	0	ANNUAL	AREA	5
610938.43	4206491.03	25082.04832	8.83	8.83	0	ANNUAL	AREA	5
610945.43	4206491.03	25126.58871	8.84	8.84	0	ANNUAL	AREA	5
610952.43	4206491.03	25140.70237	8.84	8.84	0	ANNUAL	AREA	5
610959.43	4206491.03	25126.03963	8.84	8.84	0	ANNUAL	AREA	5
610966.43	4206491.03	25084.26778	8.84	8.84	0	ANNUAL	AREA	5
610973.43	4206491.03	25016.88251	8.84	8.84	0	ANNUAL	AREA	5
610980.43	4206491.03	24925.81601	8.84	8.84	0	ANNUAL	AREA	5
610987.43	4206491.03	24812.39214	8.84	8.84	0	ANNUAL	AREA	5
611008.43	4206491.03	24354.56891	8.84	8.84	0	ANNUAL	AREA	5
611015.43	4206491.03	24167.76122	8.85	8.85	0	ANNUAL	AREA	5
611022.43	4206491.03	23966.16702	8.85	8.85	0	ANNUAL	AREA	5
611029.43	4206491.03	23751.17184	8.85	8.85	0	ANNUAL	AREA	5
611036.43	4206491.03	23523.97835	8.85	8.85	0	ANNUAL	AREA	5
611043.43	4206491.03	23285.86009	8.85	8.85	0	ANNUAL	AREA	5
611050.43	4206491.03	23037.88255	8.85	8.85	0	ANNUAL	AREA	5
611057.43	4206491.03	22781.18341	8.85	8.85	0	ANNUAL	AREA	5
611062.21	4206490.92	22612.46898	8.85	8.85	0	ANNUAL	AREA	5
611078.43	4206491.03	21968.28173	8.86	8.86	0	ANNUAL	AREA	5
611085.43	4206491.03	21686.15215	8.86	8.86	0	ANNUAL	AREA	5
611092.43	4206491.03	21399.60246	8.86	8.86	0	ANNUAL	AREA	5
610294.43	4206498.03	1731.36252	11.11	11.11	0	ANNUAL	AREA	5
610301.43	4206498.03	1766.05078	11.21	11.21	0	ANNUAL	AREA	5
610308.43	4206498.03	1801.96545	11.3	11.3	0	ANNUAL	AREA	5
610315.43	4206498.03	1838.92223	11.4	11.4	0	ANNUAL	AREA	5
610322.43	4206498.03	1877.06812	11.5	11.5	0	ANNUAL	AREA	5
610329.43	4206498.03	1916.57722	11.59	11.59	0	ANNUAL	AREA	5
610336.43	4206498.03	1957.39201	11.68	11.68	0	ANNUAL	AREA	5
610343.43	4206498.03	2000.26581	11.71	11.71	0	ANNUAL	AREA	5
610350.43	4206498.03	2044.49028	11.74	11.74	0	ANNUAL	AREA	5
610357.43	4206498.03	2090.16326	11.77	11.77	0	ANNUAL	AREA	5
610364.43	4206498.03	2137.11512	11.81	11.81	0	ANNUAL	AREA	5
610371.43	4206498.03	2185.71359	11.84	11.84	0	ANNUAL	AREA	5
610378.43	4206498.03	2235.85862	11.87	11.87	0	ANNUAL	AREA	5
610385.43	4206498.03	2287.54432	11.9	11.9	0	ANNUAL	AREA	5
610392.43	4206498.03	2340.88606	11.93	11.93	0	ANNUAL	AREA	5
610399.43	4206498.03	2395.86049	11.96	11.96	0	ANNUAL	AREA	5
610406.43	4206498.03	2452.54259	11.99	11.99	0	ANNUAL	AREA	5
610413.43	4206498.03	2511.18474	12	12	0	ANNUAL	AREA	5
610420.43	4206498.03	2571.79202	12	12	0	ANNUAL	AREA	5
610427.43	4206498.03	2634.15127	12	12	0	ANNUAL	AREA	5
610434.43	4206498.03	2698.34629	12	12	0	ANNUAL	AREA	5
610441.43	4206498.03	2764.46231	12	12	0	ANNUAL	AREA	5
610448.43	4206498.03	2832.4453	12	12	0	ANNUAL	AREA	5
610455.43	4206498.03	2902.40749	12	12	0	ANNUAL	AREA	5
610462.43	4206498.03	2974.35326	12	12	0	ANNUAL	AREA	5
610469.43	4206498.03	3048.34784	12	12	0	ANNUAL	AREA	5
610497.43	4206498.03	3366.6977	12	12	0	ANNUAL	AREA	5
610504.43	4206498.03	3452.44531	12	12	0	ANNUAL	AREA	5
610511.43	4206498.03	3541.10066	12	12	0	ANNUAL	AREA	5
610518.43	4206498.03	3632.87004	12	12	0	ANNUAL	AREA	5
610525.43	4206498.03	3728.16612	12	12	0	ANNUAL	AREA	5
610532.43	4206498.03	3827.42202	12	12	0	ANNUAL	AREA	5
610539.43	4206498.03	3931.10213	12	12	0	ANNUAL	AREA	5
610546.43	4206498.03	4039.7497	12	12	0	ANNUAL	AREA	5
610553.43	4206498.03	4154.14507	12	12	0	ANNUAL	AREA	5
610560.43	4206498.03	4275.34813	11.98	11.98	0	ANNUAL	AREA	5
610567.43	4206498.03	4404.0596	11.95	11.95	0	ANNUAL	AREA	5
610574.43	4206498.03	4541.05044	11.92	11.92	0	ANNUAL	AREA	5
610581.43	4206498.03	4687.25434	11.89	11.89	0	ANNUAL	AREA	5
610588.43	4206498.03	4843.50054	11.86	11.86	0	ANNUAL	AREA	5
610595.43	4206498.03	5010.2582	11.84	11.84	0	ANNUAL	AREA	5
610602.43	4206498.03	5188.77877	11.81	11.81	0	ANNUAL	AREA	5
610609.43	4206498.03	5379.28665	11.78	11.78	0	ANNUAL	AREA	5
610616.43	4206498.03	5581.85205	11.76	11.76	0	ANNUAL	AREA	5
610623.43	4206498.03	5797.41802	11.73	11.73	0	ANNUAL	AREA	5
610630.43	4206498.03	6026.5667	11.68	11.68	0	ANNUAL	AREA	5
610637.43	4206498.03	6271.09201	11.58	11.58	0	ANNUAL	AREA	5
610644.43	4206498.03	6528.39268	11.49	11.49	0	ANNUAL	AREA	5
610651.43	4206498.03	6799.55293	11.39	11.39	0	ANNUAL	AREA	5
610658.43	4206498.03	7083.29217	11.3	11.3	0	ANNUAL	AREA	5
610665.43	4206498.03	7381.35062	11.2	11.2	0	ANNUAL	AREA	5
610672.43	4206498.03	7692.38611	11.11	11.11	0	ANNUAL	AREA	5
610679.43	4206498.03	8018.99603	11.01	11.01	0	ANNUAL	AREA	5
610686.43	4206498.03	8359.73163	10.92	10.92	0	ANNUAL	AREA	5
610693.43	4206498.03	8718.20466	10.82	10.82	0	ANNUAL	AREA	5
610700.43	4206498.03	9092.43221	10.73	10.73	0	ANNUAL	AREA	5
610707.43	4206498.03	9480.81066	10.66	10.66	0	ANNUAL	AREA	5
610714.43	4206498.03	9887.57915	10.59	10.59	0	ANNUAL	AREA	5
610721.43	4206498.03	10313.36188	10.52	10.52	0	ANNUAL	AREA	5
610735.43	4206498.03	11225.20803	10.38	10.38	0	ANNUAL	AREA	5
610742.43	4206498.03	11708.05499	10.32	10.32	0	ANNUAL	AREA	5
610749.43	4206498.03	12214.68394	10.25	10.25	0	ANNUAL	AREA	5
610756.43	4206498.03	12741.2876	10.18	10.18	0	ANNUAL	AREA	5
610763.43	4206498.03	13286.93006	10.11	10.11	0	ANNUAL	AREA	5
610770.43	4206498.03	13828.45291	10.04	10.04	0	ANNUAL	AREA	5
610777.43	4206498.03	14365.5825	9.95	9.95	0	ANNUAL	AREA	5
610784.43	4206498.03	14912.15093	9.86	9.86	0	ANNUAL	AREA	5
610791.43	4206498.03	15465.92332	9.76	9.76	0	ANNUAL	AREA	5
610798.43	4206498.03	16024.3931	9.67	9.67	0	ANNUAL	AREA	5
610805.43	4206498.03	16584.90977	9.57	9.57	0	ANNUAL	AREA	5
610812.43	4206498.03	17143.63566	9.48	9.48	0	ANNUAL	AREA	5

610819.43	4206498.03	17697.76855	9.38	9.38	0	ANNUAL	AREA	5
610826.43	4206498.03	18244.02001	9.28	9.28	0	ANNUAL	AREA	5
610833.43	4206498.03	18778.8976	9.19	9.19	0	ANNUAL	AREA	5
610840.43	4206498.03	19298.80003	9.09	9.09	0	ANNUAL	AREA	5
610847.43	4206498.03	19800.44236	9	9	0	ANNUAL	AREA	5
610854.43	4206498.03	20281.87377	8.98	8.98	0	ANNUAL	AREA	5
610861.43	4206498.03	20738.92042	8.95	8.95	0	ANNUAL	AREA	5
610868.43	4206498.03	21169.23283	8.93	8.93	0	ANNUAL	AREA	5
610875.43	4206498.03	21570.53623	8.9	8.9	0	ANNUAL	AREA	5
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610910.43	4206498.03	23098.25705	8.79	8.79	0	ANNUAL	AREA	5
610917.43	4206498.03	23304.20757	8.77	8.77	0	ANNUAL	AREA	5
610924.43	4206498.03	23477.2851	8.76	8.76	0	ANNUAL	AREA	5
610931.43	4206498.03	23618.39842	8.76	8.76	0	ANNUAL	AREA	5
610938.43	4206498.03	23728.09484	8.76	8.76	0	ANNUAL	AREA	5
610945.43	4206498.03	23807.65907	8.76	8.76	0	ANNUAL	AREA	5
610952.43	4206498.03	23858.06392	8.76	8.76	0	ANNUAL	AREA	5
610959.43	4206498.03	23880.79156	8.76	8.76	0	ANNUAL	AREA	5
610966.43	4206498.03	23877.01082	8.76	8.76	0	ANNUAL	AREA	5
610973.43	4206498.03	23848.29463	8.76	8.76	0	ANNUAL	AREA	5
610980.43	4206498.03	23795.85415	8.76	8.76	0	ANNUAL	AREA	5
610987.43	4206498.03	23721.49192	8.77	8.77	0	ANNUAL	AREA	5
611008.43	4206498.03	23378.82899	8.77	8.77	0	ANNUAL	AREA	5
611015.43	4206498.03	23229.51849	8.77	8.77	0	ANNUAL	AREA	5
611022.43	4206498.03	23064.88801	8.77	8.77	0	ANNUAL	AREA	5
611029.43	4206498.03	22886.09217	8.77	8.77	0	ANNUAL	AREA	5
611036.43	4206498.03	22694.48459	8.77	8.77	0	ANNUAL	AREA	5
611043.43	4206498.03	22490.97411	8.77	8.77	0	ANNUAL	AREA	5
611050.43	4206498.03	22276.93147	8.78	8.78	0	ANNUAL	AREA	5
611057.43	4206498.03	22053.14985	8.78	8.78	0	ANNUAL	AREA	5
611062.21	4206497.92	21906.3403	8.78	8.78	0	ANNUAL	AREA	5
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610294.43	4206505.03	1691.49487	11.04	11.04	0	ANNUAL	AREA	5
610301.43	4206505.03	1727.22758	11.13	11.13	0	ANNUAL	AREA	5
610308.43	4206505.03	1761.91502	11.23	11.23	0	ANNUAL	AREA	5
610315.43	4206505.03	1797.69362	11.33	11.33	0	ANNUAL	AREA	5
610322.43	4206505.03	1834.76696	11.42	11.42	0	ANNUAL	AREA	5
610329.43	4206505.03	1872.88142	11.52	11.52	0	ANNUAL	AREA	5
610336.43	4206505.03	1912.43285	11.6	11.6	0	ANNUAL	AREA	5
610343.43	4206505.03	1953.75984	11.64	11.64	0	ANNUAL	AREA	5
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610357.43	4206505.03	2040.30209	11.72	11.72	0	ANNUAL	AREA	5
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610371.43	4206505.03	2132.28191	11.8	11.8	0	ANNUAL	AREA	5
610378.43	4206505.03	2180.40227	11.84	11.84	0	ANNUAL	AREA	5
610385.43	4206505.03	2230.01267	11.88	11.88	0	ANNUAL	AREA	5
610392.43	4206505.03	2281.1317	11.92	11.92	0	ANNUAL	AREA	5
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610406.43	4206505.03	2388.08558	11.99	11.99	0	ANNUAL	AREA	5
610413.43	4206505.03	2444.28575	12	12	0	ANNUAL	AREA	5
610420.43	4206505.03	2502.1762	12	12	0	ANNUAL	AREA	5
610427.43	4206505.03	2561.78415	12	12	0	ANNUAL	AREA	5
610434.43	4206505.03	2623.03136	12	12	0	ANNUAL	AREA	5
610441.43	4206505.03	2685.98682	12	12	0	ANNUAL	AREA	5
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610462.43	4206505.03	2885.40261	12	12	0	ANNUAL	AREA	5
610469.43	4206505.03	2955.52578	12	12	0	ANNUAL	AREA	5
610497.43	4206505.03	3256.20805	12	12	0	ANNUAL	AREA	5
610504.43	4206505.03	3337.07812	12	12	0	ANNUAL	AREA	5
610511.43	4206505.03	3420.54824	12	12	0	ANNUAL	AREA	5
610518.43	4206505.03	3506.99037	12	12	0	ANNUAL	AREA	5
610525.43	4206505.03	3596.70407	12	12	0	ANNUAL	AREA	5
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610539.43	4206505.03	3787.63766	12	12	0	ANNUAL	AREA	5
610546.43	4206505.03	3889.92595	12	12	0	ANNUAL	AREA	5
610553.43	4206505.03	3997.58069	12	12	0	ANNUAL	AREA	5
610560.43	4206505.03	4111.78216	11.97	11.97	0	ANNUAL	AREA	5
610567.43	4206505.03	4233.13739	11.93	11.93	0	ANNUAL	AREA	5
610574.43	4206505.03	4362.06184	11.9	11.9	0	ANNUAL	AREA	5
610581.43	4206505.03	4499.76782	11.86	11.86	0	ANNUAL	AREA	5
610588.43	4206505.03	4646.70194	11.83	11.83	0	ANNUAL	AREA	5
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610602.43	4206505.03	4971.45733	11.76	11.76	0	ANNUAL	AREA	5
610609.43	4206505.03	5150.04241	11.73	11.73	0	ANNUAL	AREA	5
610616.43	4206505.03	5340.37498	11.69	11.69	0	ANNUAL	AREA	5
610623.43	4206505.03	5541.97328	11.66	11.66	0	ANNUAL	AREA	5
610630.43	4206505.03	5756.51814	11.6	11.6	0	ANNUAL	AREA	5
610637.43	4206505.03	5984.69934	11.5	11.5	0	ANNUAL	AREA	5
610644.43	4206505.03	6224.50766	11.41	11.41	0	ANNUAL	AREA	5
610651.43	4206505.03	6476.11349	11.32	11.32	0	ANNUAL	AREA	5
610658.43	4206505.03	6740.32086	11.22	11.22	0	ANNUAL	AREA	5
610665.43	4206505.03	7015.74098	11.13	11.13	0	ANNUAL	AREA	5
610672.43	4206505.03	7304.33234	11.03	11.03	0	ANNUAL	AREA	5
610679.43	4206505.03	7604.62226	10.94	10.94	0	ANNUAL	AREA	5
610686.43	4206505.03	7919.29077	10.84	10.84	0	ANNUAL	AREA	5
610693.43	4206505.03	8246.82317	10.75	10.75	0	ANNUAL	AREA	5
610700.43	4206505.03	8590.99061	10.65	10.65	0	ANNUAL	AREA	5
610707.43	4206505.03	8943.60373	10.59	10.59	0	ANNUAL	AREA	5
610714.43	4206505.03	9311.69162	10.53	10.53	0	ANNUAL	AREA	5
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610735.43	4206505.03	10518.83273	10.34	10.34	0	ANNUAL	AREA	5
610742.43	4206505.03	10955.60507	10.28	10.28	0	ANNUAL	AREA	5
610749.43	4206505.03	11410.26327	10.22	10.22	0	ANNUAL	AREA	5
610756.43	4206505.03	11882.70321	10.16	10.16	0	ANNUAL	AREA	5
610763.43	4206505.03	12377.12254	10.09	10.09	0	ANNUAL	AREA	5
610770.43	4206505.03	12858.74854	10.03	10.03	0	ANNUAL	AREA	5
610777.43	4206505.03	13346.99637	9.95	9.95	0	ANNUAL	AREA	5
610784.43	4206505.03	13845.26362	9.86	9.86	0	ANNUAL	AREA	5
610791.43	4206505.03	14351.88623	9.76	9.76	0	ANNUAL	AREA	5
610798.43	4206505.03	14864.82746	9.67	9.67	0	ANNUAL	AREA	5
610805.43	4206505.03	15381.85957	9.57	9.57	0	ANNUAL	AREA	5
610812.43	4206505.03	15899.77625	9.47	9.47	0	ANNUAL	AREA	5
610819.43	4206505.03	16416.2569	9.38	9.38	0	ANNUAL	AREA	5
610826.43	4206505.03	16928.33126	9.28	9.28	0	ANNUAL	AREA	5
610833.43	4206505.03	17432.81708	9.19	9.19	0	ANNUAL	AREA	5
610840.43	4206505.03	17926.55237	9.09	9.09	0	ANNUAL	AREA	5
610847.43	4206505.03	18406.67958	9	9	0	ANNUAL	AREA	5
610854.43	4206505.03	18870.79934	8.97	8.97	0	ANNUAL	AREA	5
610861.43	4206505.03	19315.39761	8.94	8.94	0	ANNUAL	AREA	5
610868.43	4206505.03	19737.94899	8.9	8.9	0	ANNUAL	AREA	5
610875.43	4206505.03	20136.43857	8.87	8.87	0	ANNUAL	AREA	5
610882.43	4206505.03	20508.79682	8.84	8.84	0	ANNUAL	AREA	5
610889.43	4206505.03	20853.51835	8.81	8.81	0	ANNUAL	AREA	5
610910.43	4206505.03	21712.42351	8.72	8.72	0	ANNUAL	AREA	5
610917.43	4206505.03	21938.5613	8.69	8.69	0	ANNUAL	AREA	5
610924.43	4206505.03	22134.97802	8.68	8.68	0	ANNUAL	AREA	5
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610938.43	4206505.03	22439.20651	8.68	8.68	0	ANNUAL	AREA	5
610945.43	4206505.03	22548.3113	8.68	8.68	0	ANNUAL	AREA	5
610952.43	4206505.03	22630.0117	8.69	8.69	0	ANNUAL	AREA	5
610959.43	4206505.03	22684.99478	8.69	8.69	0	ANNUAL	AREA	5
610966.43	4206505.03	22714.53094	8.69	8.69	0	ANNUAL	AREA	5
610973.43	4206505.03	22719.7474	8.69	8.69	0	ANNUAL	AREA	5
610980.43	4206505.03	22701.87659	8.69	8.69	0	ANNUAL	AREA	5
610987.43	4206505.03	22662.12769	8.69	8.69	0	ANNUAL	AREA	5
611008.43	4206505.03	22424.15063	8.69	8.69	0	ANNUAL	AREA	5
611015.43	4206505.03	22309.3617	8.69	8.69	0	ANNUAL	AREA	5
611022.43	4206505.03	22178.85979	8.7	8.7	0	ANNUAL	AREA	5
611029.43	4206505.03	22033.71509	8.7	8.7	0	ANNUAL	AREA	5
611036.43	4206505.03	21875.13775	8.7	8.7	0	ANNUAL	AREA	5
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611050.43	4206505.03	21521.76402	8.7	8.7	0	ANNUAL	AREA	5
611057.43	4206505.03	21329.10733	8.7	8.7	0	ANNUAL	AREA	5
611062.21	4206504.92	21203.06108	8.7	8.7	0	ANNUAL	AREA	5
611078.43	4206505.03	20698.12635	8.7	8.7	0	ANNUAL	AREA	5
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610294.43	4206512.03	1657.21322	10.96	10.96	0	ANNUAL	AREA	5
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610308.43	4206512.03	1723.43518	11.16	11.16	0	ANNUAL	AREA	5
610315.43	4206512.03	1758.25853	11.25	11.25	0	ANNUAL	AREA	5
610322.43	4206512.03	1794.01413	11.35	11.35	0	ANNUAL	AREA	5
610329.43	4206512.03	1830.89367	11.45	11.45	0	ANNUAL	AREA	5
610336.43	4206512.03	1869.18811	11.53	11.53	0	ANNUAL	AREA	5
610343.43	4206512.03	1909.007	11.58	11.58	0	ANNUAL	AREA	5
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610357.43	4206512.03	1992.44084	11.67	11.67	0	ANNUAL	AREA	5
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610371.43	4206512.03	2081.02574	11.76	11.76	0	ANNUAL	AREA	5
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610392.43	4206512.03	2223.93524	11.9	11.9	0	ANNUAL	AREA	5
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610406.43	4206512.03	2326.36645	11.99	11.99	0	ANNUAL	AREA	5
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610427.43	4206512.03	2492.45325	12	12	0	ANNUAL	AREA	5
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610462.43	4206512.03	2800.32381	12	12	0	ANNUAL	AREA	5
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610497.43	4206512.03	3150.98203	12	12	0	ANNUAL	AREA	5
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610511.43	4206512.03	3305.91846	12	12	0	ANNUAL	AREA	5
610518.43	4206512.03	3387.35186	12	12	0	ANNUAL	AREA	5
610525.43	4206512.03	3471.87633	12	12	0	ANNUAL	AREA	5
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610539.43	4206512.03	3651.76041	12	12	0	ANNUAL	AREA	5
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610553.43	4206512.03	3849.67313	12	12	0	ANNUAL	AREA	5
610560.43	4206512.03	3957.48379	11.96	11.96	0	ANNUAL	AREA	5
610567.43	4206512.03	4071.83139	11.92	11.92	0	ANNUAL	AREA	5
610574.43	4206512.03	4191.50592	11.88	11.88	0	ANNUAL	AREA	5
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610595.43	4206512.03	4610.02465	11.75	11.75	0	ANNUAL	AREA	5
610602.43	4206512.03	4767.87305	11.71	11.71	0	ANNUAL	AREA	5
610609.43	4206512.03	4935.8804	11.67	11.67	0	ANNUAL	AREA	5
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610623.43	4206512.03	5303.77983	11.59	11.59	0	ANNUAL	AREA	5
610630.43	4206512.03	5505.02362	11.52	11.52	0	ANNUAL	AREA	5
610637.43	4206512.03	5718.01336	11.43	11.43	0	ANNUAL	AREA	5
610644.43	4206512.03	5942.4689	11.33	11.33	0	ANNUAL	AREA	5
610651.43	4206512.03	6177.15549	11.24	11.24	0	ANNUAL	AREA	5
610658.43	4206512.03	6423.1304	11.14	11.14	0	ANNUAL	AREA	5
610665.43	4206512.03	6679.13159	11.05	11.05	0	ANNUAL	AREA	5
610672.43	4206512.03	6946.66724	10.95	10.95	0	ANNUAL	AREA	5
610679.43	4206512.03	7224.51352	10.86	10.86	0	ANNUAL	AREA	5
610686.43	4206512.03	7513.7928	10.77	10.77	0	ANNUAL	AREA	5
610693.43	4206512.03	7816.57923	10.67	10.67	0	ANNUAL	AREA	5

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610707.43	4206512.03	8453.85025	10.52	10.52	0	ANNUAL	AREA	5
610714.43	4206512.03	8787.98396	10.47	10.47	0	ANNUAL	AREA	5
610721.43	4206512.03	9138.00904	10.41	10.41	0	ANNUAL	AREA	5
610735.43	4206512.03	9880.4969	10.3	10.3	0	ANNUAL	AREA	5
610742.43	4206512.03	10273.41966	10.25	10.25	0	ANNUAL	AREA	5
610749.43	4206512.03	10685.44376	10.19	10.19	0	ANNUAL	AREA	5
610756.43	4206512.03	11109.98844	10.14	10.14	0	ANNUAL	AREA	5
610763.43	4206512.03	11554.30156	10.08	10.08	0	ANNUAL	AREA	5
610770.43	4206512.03	11987.10255	10.03	10.03	0	ANNUAL	AREA	5
610777.43	4206512.03	12431.2413	9.95	9.95	0	ANNUAL	AREA	5
610784.43	4206512.03	12885.59308	9.86	9.86	0	ANNUAL	AREA	5
610791.43	4206512.03	13348.98471	9.76	9.76	0	ANNUAL	AREA	5
610798.43	4206512.03	13819.77337	9.66	9.66	0	ANNUAL	AREA	5
610805.43	4206512.03	14296.1975	9.57	9.57	0	ANNUAL	AREA	5
610812.43	4206512.03	14775.49115	9.47	9.47	0	ANNUAL	AREA	5
610819.43	4206512.03	15255.77741	9.38	9.38	0	ANNUAL	AREA	5
610826.43	4206512.03	15734.38246	9.28	9.28	0	ANNUAL	AREA	5
610833.43	4206512.03	16208.72218	9.19	9.19	0	ANNUAL	AREA	5
610840.43	4206512.03	16675.72735	9.09	9.09	0	ANNUAL	AREA	5
610847.43	4206512.03	17132.83453	9	9	0	ANNUAL	AREA	5
610854.43	4206512.03	17577.77255	8.96	8.96	0	ANNUAL	AREA	5
610861.43	4206512.03	18007.28352	8.92	8.92	0	ANNUAL	AREA	5
610868.43	4206512.03	18418.98819	8.88	8.88	0	ANNUAL	AREA	5
610875.43	4206512.03	18810.77826	8.84	8.84	0	ANNUAL	AREA	5
610882.43	4206512.03	19180.63983	8.81	8.81	0	ANNUAL	AREA	5
610889.43	4206512.03	19526.73781	8.77	8.77	0	ANNUAL	AREA	5
610910.43	4206512.03	20411.66969	8.66	8.66	0	ANNUAL	AREA	5
610917.43	4206512.03	20653.01045	8.62	8.62	0	ANNUAL	AREA	5
610924.43	4206512.03	20867.41477	8.61	8.61	0	ANNUAL	AREA	5
610931.43	4206512.03	21054.6635	8.61	8.61	0	ANNUAL	AREA	5
610938.43	4206512.03	21215.0338	8.61	8.61	0	ANNUAL	AREA	5
610945.43	4206512.03	21348.76576	8.61	8.61	0	ANNUAL	AREA	5
610952.43	4206512.03	21456.63637	8.61	8.61	0	ANNUAL	AREA	5
610959.43	4206512.03	21539.27612	8.61	8.61	0	ANNUAL	AREA	5
610966.43	4206512.03	21597.58163	8.61	8.61	0	ANNUAL	AREA	5
610973.43	4206512.03	21632.53141	8.61	8.61	0	ANNUAL	AREA	5
610980.43	4206512.03	21645.13738	8.61	8.61	0	ANNUAL	AREA	5
610987.43	4206512.03	21636.34416	8.61	8.61	0	ANNUAL	AREA	5
611008.43	4206512.03	21492.87534	8.62	8.62	0	ANNUAL	AREA	5
611015.43	4206512.03	21409.51955	8.62	8.62	0	ANNUAL	AREA	5
611022.43	4206512.03	21310.2606	8.62	8.62	0	ANNUAL	AREA	5
611029.43	4206512.03	21196.19519	8.62	8.62	0	ANNUAL	AREA	5
611036.43	4206512.03	21068.21667	8.62	8.62	0	ANNUAL	AREA	5
611043.43	4206512.03	20927.50488	8.62	8.62	0	ANNUAL	AREA	5
611050.43	4206512.03	20774.86499	8.62	8.62	0	ANNUAL	AREA	5
611057.43	4206512.03	20611.27852	8.62	8.62	0	ANNUAL	AREA	5
611062.21	4206511.92	20504.82582	8.63	8.63	0	ANNUAL	AREA	5
611078.43	4206512.03	20064.10826	8.63	8.63	0	ANNUAL	AREA	5
611085.43	4206512.03	19865.62872	8.63	8.63	0	ANNUAL	AREA	5
611092.43	4206512.03	19660.2458	8.63	8.63	0	ANNUAL	AREA	5
610294.43	4206519.03	1622.21182	10.89	10.89	0	ANNUAL	AREA	5
610301.43	4206519.03	1653.95461	10.98	10.98	0	ANNUAL	AREA	5
610308.43	4206519.03	1686.57707	11.08	11.08	0	ANNUAL	AREA	5
610315.43	4206519.03	1720.19612	11.18	11.18	0	ANNUAL	AREA	5
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610336.43	4206519.03	1827.63604	11.46	11.46	0	ANNUAL	AREA	5
610343.43	4206519.03	1866.1285	11.51	11.51	0	ANNUAL	AREA	5
610350.43	4206519.03	1905.78219	11.56	11.56	0	ANNUAL	AREA	5
610357.43	4206519.03	1946.50346	11.62	11.62	0	ANNUAL	AREA	5
610364.43	4206519.03	1988.54818	11.67	11.67	0	ANNUAL	AREA	5
610371.43	4206519.03	2031.70648	11.73	11.73	0	ANNUAL	AREA	5
610378.43	4206519.03	2076.22316	11.78	11.78	0	ANNUAL	AREA	5
610385.43	4206519.03	2121.99926	11.83	11.83	0	ANNUAL	AREA	5
610392.43	4206519.03	2169.10928	11.88	11.88	0	ANNUAL	AREA	5
610399.43	4206519.03	2217.38508	11.94	11.94	0	ANNUAL	AREA	5
610406.43	4206519.03	2267.13969	11.99	11.99	0	ANNUAL	AREA	5
610413.43	4206519.03	2318.66135	12	12	0	ANNUAL	AREA	5
610420.43	4206519.03	2371.64042	12	12	0	ANNUAL	AREA	5
610427.43	4206519.03	2425.98382	12	12	0	ANNUAL	AREA	5
610434.43	4206519.03	2481.71473	12	12	0	ANNUAL	AREA	5
610441.43	4206519.03	2538.86374	12	12	0	ANNUAL	AREA	5
610448.43	4206519.03	2597.38219	12	12	0	ANNUAL	AREA	5
610455.43	4206519.03	2657.42362	12	12	0	ANNUAL	AREA	5
610462.43	4206519.03	2718.85082	12	12	0	ANNUAL	AREA	5
610469.43	4206519.03	2781.88555	12	12	0	ANNUAL	AREA	5
610497.43	4206519.03	3050.50628	12	12	0	ANNUAL	AREA	5
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610511.43	4206519.03	3196.73171	12	12	0	ANNUAL	AREA	5
610518.43	4206519.03	3273.56008	12	12	0	ANNUAL	AREA	5
610525.43	4206519.03	3353.27046	12	12	0	ANNUAL	AREA	5
610532.43	4206519.03	3436.25796	12	12	0	ANNUAL	AREA	5
610539.43	4206519.03	3523.01351	12	12	0	ANNUAL	AREA	5
610546.43	4206519.03	3613.94533	12	12	0	ANNUAL	AREA	5
610553.43	4206519.03	3709.73123	12	12	0	ANNUAL	AREA	5
610560.43	4206519.03	3811.51863	11.96	11.96	0	ANNUAL	AREA	5
610567.43	4206519.03	3919.64576	11.91	11.91	0	ANNUAL	AREA	5
610574.43	4206519.03	4034.65433	11.86	11.86	0	ANNUAL	AREA	5
610581.43	4206519.03	4157.32365	11.81	11.81	0	ANNUAL	AREA	5
610588.43	4206519.03	4288.2521	11.76	11.76	0	ANNUAL	AREA	5
610595.43	4206519.03	4427.91909	11.71	11.71	0	ANNUAL	AREA	5
610602.43	4206519.03	4576.82373	11.66	11.66	0	ANNUAL	AREA	5
610609.43	4206519.03	4735.26385	11.61	11.61	0	ANNUAL	AREA	5
610616.43	4206519.03	4903.47317	11.56	11.56	0	ANNUAL	AREA	5
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610630.43	4206519.03	5270.04868	11.45	11.45	0	ANNUAL	AREA	5
610637.43	4206519.03	5470.08525	11.35	11.35	0	ANNUAL	AREA	5
610644.43	4206519.03	5679.6389	11.26	11.26	0	ANNUAL	AREA	5
610651.43	4206519.03	5899.56817	11.16	11.16	0	ANNUAL	AREA	5
610658.43	4206519.03	6128.36055	11.07	11.07	0	ANNUAL	AREA	5
610665.43	4206519.03	6367.47326	10.97	10.97	0	ANNUAL	AREA	5
610672.43	4206519.03	6615.37865	10.88	10.88	0	ANNUAL	AREA	5
610679.43	4206519.03	6873.92526	10.78	10.78	0	ANNUAL	AREA	5
610686.43	4206519.03	7141.68592	10.69	10.69	0	ANNUAL	AREA	5
610693.43	4206519.03	7421.2953	10.59	10.59	0	ANNUAL	AREA	5
610700.43	4206519.03	7710.9727	10.5	10.5	0	ANNUAL	AREA	5
610707.43	4206519.03	8005.89599	10.45	10.45	0	ANNUAL	AREA	5
610714.43	4206519.03	8311.9909	10.4	10.4	0	ANNUAL	AREA	5
610721.43	4206519.03	8627.77344	10.36	10.36	0	ANNUAL	AREA	5
610735.43	4206519.03	9301.61344	10.26	10.26	0	ANNUAL	AREA	5
610742.43	4206519.03	9655.88701	10.22	10.22	0	ANNUAL	AREA	5
610749.43	4206519.03	10026.9098	10.17	10.17	0	ANNUAL	AREA	5
610756.43	4206519.03	10412.31773	10.12	10.12	0	ANNUAL	AREA	5
610763.43	4206519.03	10808.364	10.07	10.07	0	ANNUAL	AREA	5
610770.43	4206519.03	11201.59342	10.02	10.02	0	ANNUAL	AREA	5
610777.43	4206519.03	11605.71977	9.95	9.95	0	ANNUAL	AREA	5
610784.43	4206519.03	12020.19677	9.85	9.85	0	ANNUAL	AREA	5
610791.43	4206519.03	12444.07161	9.76	9.76	0	ANNUAL	AREA	5
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610805.43	4206519.03	13314.61629	9.57	9.57	0	ANNUAL	AREA	5
610812.43	4206519.03	13757.68384	9.47	9.47	0	ANNUAL	AREA	5
610819.43	4206519.03	14203.54198	9.38	9.38	0	ANNUAL	AREA	5
610826.43	4206519.03	14640.84938	9.28	9.28	0	ANNUAL	AREA	5
610833.43	4206519.03	15094.45547	9.19	9.19	0	ANNUAL	AREA	5
610840.43	4206519.03	15534.75311	9.09	9.09	0	ANNUAL	AREA	5
610847.43	4206519.03	15968.1992	9	9	0	ANNUAL	AREA	5
610854.43	4206519.03	16392.65989	8.95	8.95	0	ANNUAL	AREA	5
610861.43	4206519.03	16805.49596	8.91	8.91	0	ANNUAL	AREA	5
610868.43	4206519.03	17203.89155	8.86	8.86	0	ANNUAL	AREA	5
610875.43	4206519.03	17585.97751	8.81	8.81	0	ANNUAL	AREA	5
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610910.43	4206519.03	19192.45393	8.59	8.59	0	ANNUAL	AREA	5
610917.43	4206519.03	19444.57998	8.55	8.55	0	ANNUAL	AREA	5
610924.43	4206519.03	19672.33985	8.53	8.53	0	ANNUAL	AREA	5
610931.43	4206519.03	19875.67447	8.53	8.53	0	ANNUAL	AREA	5
610938.43	4206519.03	20054.07707	8.53	8.53	0	ANNUAL	AREA	5
610945.43	4206519.03	20208.04272	8.53	8.53	0	ANNUAL	AREA	5
610952.43	4206519.03	20337.76689	8.53	8.53	0	ANNUAL	AREA	5
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610966.43	4206519.03	20526.98657	8.54	8.54	0	ANNUAL	AREA	5
610973.43	4206519.03	20587.77713	8.54	8.54	0	ANNUAL	AREA	5
610980.43	4206519.03	20626.9642	8.54	8.54	0	ANNUAL	AREA	5
610987.43	4206519.03	20645.56313	8.54	8.54	0	ANNUAL	AREA	5
611008.43	4206519.03	20586.55025	8.54	8.54	0	ANNUAL	AREA	5
611015.43	4206519.03	20531.84803	8.54	8.54	0	ANNUAL	AREA	5
611022.43	4206519.03	20461.16702	8.54	8.54	0	ANNUAL	AREA	5
611029.43	4206519.03	20375.55539	8.55	8.55	0	ANNUAL	AREA	5
611036.43	4206519.03	20275.91865	8.55	8.55	0	ANNUAL	AREA	5
611043.43	4206519.03	20163.16477	8.55	8.55	0	ANNUAL	AREA	5
611050.43	4206519.03	20038.182	8.55	8.55	0	ANNUAL	AREA	5
611057.43	4206519.03	19901.90264	8.55	8.55	0	ANNUAL	AREA	5
611062.21	4206518.92	19813.49831	8.55	8.55	0	ANNUAL	AREA	5
611078.43	4206519.03	19433.50286	8.55	8.55	0	ANNUAL	AREA	5
611085.43	4206519.03	19260.13835	8.55	8.55	0	ANNUAL	AREA	5
611092.43	4206519.03	19079.42641	8.55	8.55	0	ANNUAL	AREA	5
610294.43	4206526.03	1588.63587	10.81	10.81	0	ANNUAL	AREA	5
610301.43	4206526.03	1619.37102	10.91	10.91	0	ANNUAL	AREA	5
610308.43	4206526.03	1651.0103	11.01	11.01	0	ANNUAL	AREA	5
610315.43	4206526.03	1683.73326	11.1	11.1	0	ANNUAL	AREA	5
610322.43	4206526.03	1717.32475	11.2	11.2	0	ANNUAL	AREA	5
610329.43	4206526.03	1751.9342	11.3	11.3	0	ANNUAL	AREA	5
610336.43	4206526.03	1787.7803	11.38	11.38	0	ANNUAL	AREA	5
610343.43	4206526.03	1824.82093	11.45	11.45	0	ANNUAL	AREA	5
610350.43	4206526.03	1863.0294	11.51	11.51	0	ANNUAL	AREA	5
610357.43	4206526.03	1902.35921	11.57	11.57	0	ANNUAL	AREA	5
610364.43	4206526.03	1942.81896	11.63	11.63	0	ANNUAL	AREA	5
610371.43	4206526.03	1984.41975	11.69	11.69	0	ANNUAL	AREA	5
610378.43	4206526.03	2027.16987	11.75	11.75	0	ANNUAL	AREA	5
610385.43	4206526.03	2071.14603	11.81	11.81	0	ANNUAL	AREA	5
610392.43	4206526.03	2116.29026	11.87	11.87	0	ANNUAL	AREA	5
610399.43	4206526.03	2162.67197	11.93	11.93	0	ANNUAL	AREA	5
610406.43	4206526.03	2210.26611	11.99	11.99	0	ANNUAL	AREA	5
610413.43	4206526.03	2259.61216	12	12	0	ANNUAL	AREA	5
610420.43	4206526.03	2310.25476	12	12	0	ANNUAL	AREA	5
610427.43	4206526.03	2362.18431	12	12	0	ANNUAL	AREA	5
610434.43	4206526.03	2415.32948	12	12	0	ANNUAL	AREA	5
610441.43	4206526.03	2469.74385	12	12	0	ANNUAL	AREA	5
610448.43	4206526.03	2525.46334	12	12	0	ANNUAL	AREA	5
610455.43	4206526.03	2582.49628	12	12	0	ANNUAL	AREA	5
610462.43	4206526.03	2640.82832	12	12	0	ANNUAL	AREA	5
610469.43	4206526.03	2700.49244	12	12	0	ANNUAL	AREA	5
610497.43	4206526.03	2954.60717	12	12	0	ANNUAL	AREA	5
610504.43	4206526.03	3022.54918	12	12	0	ANNUAL	AREA	5
610511.43	4206526.03	3092.64743	12	12	0	ANNUAL	AREA	5
610518.43	4206526.03	3165.19397	12	12	0	ANNUAL	AREA	5
610525.43	4206526.03	3240.45728	12	12	0	ANNUAL	AREA	5
610532.43	4206526.03	3318.84631	12	12	0	ANNUAL	AREA	5
610539.43	4206526.03	3400.73964	12	12	0	ANNUAL	AREA	5
610546.43	4206526.03	3486.72072	12	12	0	ANNUAL	AREA	5
610553.43	4206526.03	3577.23646	12	12	0	ANNUAL	AREA	5
610560.43	4206526.03	3673.54348	11.95	11.95	0	ANNUAL	AREA	5
610567.43	4206526.03	3775.94429	11.89	11.89	0	ANNUAL	AREA	5
610574.43	4206526.03	3884.88041	11.83	11.83	0	ANNUAL	AREA	5
610581.43	4206526.03	4000.82729	11.78	11.78	0	ANNUAL	AREA	5

610588.43	4206526.03	4124.71668	11.72	11.72	0	ANNUAL	AREA	S
610595.43	4206526.03	4256.88367	11.66	11.66	0	ANNUAL	AREA	S
610602.43	4206526.03	4397.41109	11.61	11.61	0	ANNUAL	AREA	S
610609.43	4206526.03	4547.00306	11.55	11.55	0	ANNUAL	AREA	S
610616.43	4206526.03	4705.42824	11.5	11.5	0	ANNUAL	AREA	S
610623.43	4206526.03	4873.37337	11.44	11.44	0	ANNUAL	AREA	S
610630.43	4206526.03	5050.94663	11.37	11.37	0	ANNUAL	AREA	S
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610644.43	4206526.03	5435.33401	11.18	11.18	0	ANNUAL	AREA	S
610651.43	4206526.03	5641.25769	11.08	11.08	0	ANNUAL	AREA	S
610658.43	4206526.03	5855.21979	10.99	10.99	0	ANNUAL	AREA	S
610665.43	4206526.03	6077.58722	10.9	10.9	0	ANNUAL	AREA	S
610672.43	4206526.03	6309.3953	10.8	10.8	0	ANNUAL	AREA	S
610679.43	4206526.03	6548.85858	10.71	10.71	0	ANNUAL	AREA	S
610686.43	4206526.03	6798.22069	10.61	10.61	0	ANNUAL	AREA	S
610693.43	4206526.03	7055.88501	10.52	10.52	0	ANNUAL	AREA	S
610700.43	4206526.03	7324.71439	10.42	10.42	0	ANNUAL	AREA	S
610707.43	4206526.03	7594.85946	10.38	10.38	0	ANNUAL	AREA	S
610714.43	4206526.03	7874.3055	10.34	10.34	0	ANNUAL	AREA	S
610721.43	4206526.03	8163.68723	10.3	10.3	0	ANNUAL	AREA	S
610735.43	4206526.03	8774.83563	10.22	10.22	0	ANNUAL	AREA	S
610742.43	4206526.03	9097.71888	10.18	10.18	0	ANNUAL	AREA	S
610749.43	4206526.03	9432.78642	10.14	10.14	0	ANNUAL	AREA	S
610756.43	4206526.03	9780.41968	10.1	10.1	0	ANNUAL	AREA	S
610763.43	4206526.03	10133.82092	10.06	10.06	0	ANNUAL	AREA	S
610770.43	4206526.03	10491.56561	10.02	10.02	0	ANNUAL	AREA	S
610777.43	4206526.03	10859.72744	9.95	9.95	0	ANNUAL	AREA	S
610784.43	4206526.03	11238.06037	9.85	9.85	0	ANNUAL	AREA	S
610791.43	4206526.03	11625.74007	9.76	9.76	0	ANNUAL	AREA	S
610798.43	4206526.03	12021.9915	9.66	9.66	0	ANNUAL	AREA	S
610805.43	4206526.03	12425.58285	9.57	9.57	0	ANNUAL	AREA	S
610812.43	4206526.03	12834.65656	9.47	9.47	0	ANNUAL	AREA	S
610819.43	4206526.03	13247.97522	9.38	9.38	0	ANNUAL	AREA	S
610924.43	4206526.03	18547.29039	8.45	8.45	0	ANNUAL	AREA	S
610931.43	4206526.03	18762.57213	8.46	8.46	0	ANNUAL	AREA	S
610938.43	4206526.03	18955.30279	8.46	8.46	0	ANNUAL	AREA	S
610945.43	4206526.03	19125.444	8.46	8.46	0	ANNUAL	AREA	S
610952.43	4206526.03	19273.12465	8.46	8.46	0	ANNUAL	AREA	S
610959.43	4206526.03	19398.79079	8.46	8.46	0	ANNUAL	AREA	S
610966.43	4206526.03	19502.78843	8.46	8.46	0	ANNUAL	AREA	S
610973.43	4206526.03	19585.57988	8.46	8.46	0	ANNUAL	AREA	S
610980.43	4206526.03	19647.94837	8.46	8.46	0	ANNUAL	AREA	S
610987.43	4206526.03	19690.42927	8.46	8.46	0	ANNUAL	AREA	S
611008.43	4206526.03	19706.86759	8.47	8.47	0	ANNUAL	AREA	S
611015.43	4206526.03	19677.95019	8.47	8.47	0	ANNUAL	AREA	S
611022.43	4206526.03	19633.20731	8.47	8.47	0	ANNUAL	AREA	S
611029.43	4206526.03	19573.53937	8.47	8.47	0	ANNUAL	AREA	S
611036.43	4206526.03	19499.83709	8.47	8.47	0	ANNUAL	AREA	S
611043.43	4206526.03	19412.82841	8.47	8.47	0	ANNUAL	AREA	S
611050.43	4206526.03	19313.51291	8.47	8.47	0	ANNUAL	AREA	S
611057.43	4206526.03	19202.58784	8.47	8.47	0	ANNUAL	AREA	S
611062.21	4206525.92	19131.27296	8.48	8.48	0	ANNUAL	AREA	S
611078.43	4206526.03	18808.09312	8.48	8.48	0	ANNUAL	AREA	S
611085.43	4206526.03	18658.50701	8.48	8.48	0	ANNUAL	AREA	S
611092.43	4206526.03	18501.09283	8.48	8.48	0	ANNUAL	AREA	S
610294.43	4206533.03	1556.26098	10.74	10.74	0	ANNUAL	AREA	S
610301.43	4206533.03	1586.07669	10.84	10.84	0	ANNUAL	AREA	S
610308.43	4206533.03	1616.91134	10.93	10.93	0	ANNUAL	AREA	S
610315.43	4206533.03	1648.54496	11.03	11.03	0	ANNUAL	AREA	S
610322.43	4206533.03	1681.09937	11.13	11.13	0	ANNUAL	AREA	S
610329.43	4206533.03	1714.72178	11.22	11.22	0	ANNUAL	AREA	S
610336.43	4206533.03	1749.34627	11.31	11.31	0	ANNUAL	AREA	S
610343.43	4206533.03	1785.16013	11.38	11.38	0	ANNUAL	AREA	S
610350.43	4206533.03	1822.00018	11.45	11.45	0	ANNUAL	AREA	S
610357.43	4206533.03	1859.87493	11.52	11.52	0	ANNUAL	AREA	S
610364.43	4206533.03	1898.91886	11.58	11.58	0	ANNUAL	AREA	S
610371.43	4206533.03	1938.88988	11.65	11.65	0	ANNUAL	AREA	S
610378.43	4206533.03	1980.01474	11.72	11.72	0	ANNUAL	AREA	S
610385.43	4206533.03	2022.20118	11.79	11.79	0	ANNUAL	AREA	S
610392.43	4206533.03	2065.58148	11.85	11.85	0	ANNUAL	AREA	S
610399.43	4206533.03	2110.0328	11.92	11.92	0	ANNUAL	AREA	S
610406.43	4206533.03	2155.58986	11.99	11.99	0	ANNUAL	AREA	S
610413.43	4206533.03	2202.82311	12	12	0	ANNUAL	AREA	S
610420.43	4206533.03	2251.28078	12	12	0	ANNUAL	AREA	S
610427.43	4206533.03	2300.82172	12	12	0	ANNUAL	AREA	S
610434.43	4206533.03	2351.54781	12	12	0	ANNUAL	AREA	S
610441.43	4206533.03	2403.36455	12	12	0	ANNUAL	AREA	S
610448.43	4206533.03	2456.36182	12	12	0	ANNUAL	AREA	S
610455.43	4206533.03	2510.53537	12	12	0	ANNUAL	AREA	S
610462.43	4206533.03	2565.87388	12	12	0	ANNUAL	AREA	S
610469.43	4206533.03	2622.50563	12	12	0	ANNUAL	AREA	S
610497.43	4206533.03	2862.95547	12	12	0	ANNUAL	AREA	S
610504.43	4206533.03	2927.11459	12	12	0	ANNUAL	AREA	S
610511.43	4206533.03	2993.38447	12	12	0	ANNUAL	AREA	S
610518.43	4206533.03	3061.91657	12	12	0	ANNUAL	AREA	S
610525.43	4206533.03	3131.07064	12	12	0	ANNUAL	AREA	S
610532.43	4206533.03	3207.16208	12	12	0	ANNUAL	AREA	S
610539.43	4206533.03	3284.62543	12	12	0	ANNUAL	AREA	S
610546.43	4206533.03	3365.94621	12	12	0	ANNUAL	AREA	S
610553.43	4206533.03	3451.65908	12	12	0	ANNUAL	AREA	S
610560.43	4206533.03	3542.96668	11.94	11.94	0	ANNUAL	AREA	S
610567.43	4206533.03	3639.91183	11.88	11.88	0	ANNUAL	AREA	S
610574.43	4206533.03	3743.18716	11.81	11.81	0	ANNUAL	AREA	S
610581.43	4206533.03	3853.13076	11.75	11.75	0	ANNUAL	AREA	S
610588.43	4206533.03	3970.56872	11.68	11.68	0	ANNUAL	AREA	S
610595.43	4206533.03	4095.54597	11.62	11.62	0	ANNUAL	AREA	S
610602.43	4206533.03	4228.58	11.56	11.56	0	ANNUAL	AREA	S
610609.43	4206533.03	4370.12822	11.49	11.49	0	ANNUAL	AREA	S
610616.43	4206533.03	4519.93264	11.43	11.43	0	ANNUAL	AREA	S
610623.43	4206533.03	4678.25249	11.37	11.37	0	ANNUAL	AREA	S
610630.43	4206533.03	4845.80711	11.29	11.29	0	ANNUAL	AREA	S
610637.43	4206533.03	5022.10911	11.2	11.2	0	ANNUAL	AREA	S
610644.43	4206533.03	5207.26337	11.1	11.1	0	ANNUAL	AREA	S
610651.43	4206533.03	5399.83649	11.01	11.01	0	ANNUAL	AREA	S
610658.43	4206533.03	5600.92298	10.91	10.91	0	ANNUAL	AREA	S
610665.43	4206533.03	5808.93631	10.82	10.82	0	ANNUAL	AREA	S
610672.43	4206533.03	6025.27405	10.72	10.72	0	ANNUAL	AREA	S
610679.43	4206533.03	6248.45261	10.63	10.63	0	ANNUAL	AREA	S
610686.43	4206533.03	6480.43125	10.53	10.53	0	ANNUAL	AREA	S
610693.43	4206533.03	6719.5762	10.44	10.44	0	ANNUAL	AREA	S
610700.43	4206533.03	6967.2403	10.35	10.35	0	ANNUAL	AREA	S
610707.43	4206533.03	7216.60733	10.31	10.31	0	ANNUAL	AREA	S
610714.43	4206533.03	7472.42012	10.28	10.28	0	ANNUAL	AREA	S
610721.43	4206533.03	7736.4986	10.25	10.25	0	ANNUAL	AREA	S
610735.43	4206533.03	8294.02801	10.18	10.18	0	ANNUAL	AREA	S
610742.43	4206533.03	8586.56855	10.15	10.15	0	ANNUAL	AREA	S
610749.43	4206533.03	8889.52297	10.12	10.12	0	ANNUAL	AREA	S
610756.43	4206533.03	9206.28771	10.08	10.08	0	ANNUAL	AREA	S
610763.43	4206533.03	9522.035	10.05	10.05	0	ANNUAL	AREA	S
610770.43	4206533.03	9847.92028	10.02	10.02	0	ANNUAL	AREA	S
611001.43	4206533.03	18844.35726	8.39	8.39	0	ANNUAL	AREA	S
611008.43	4206533.03	18854.79589	8.39	8.39	0	ANNUAL	AREA	S
611015.43	4206533.03	18848.96068	8.39	8.39	0	ANNUAL	AREA	S
611022.43	4206533.03	18827.64686	8.39	8.39	0	ANNUAL	AREA	S
611029.43	4206533.03	18791.60396	8.39	8.39	0	ANNUAL	AREA	S
611036.43	4206533.03	18741.52402	8.39	8.39	0	ANNUAL	AREA	S
611043.43	4206533.03	18678.33172	8.4	8.4	0	ANNUAL	AREA	S
611050.43	4206533.03	18602.58102	8.4	8.4	0	ANNUAL	AREA	S
611057.43	4206533.03	18515.05792	8.4	8.4	0	ANNUAL	AREA	S
611062.21	4206532.92	18459.4396	8.4	8.4	0	ANNUAL	AREA	S
611078.43	4206533.03	18189.46633	8.4	8.4	0	ANNUAL	AREA	S
611085.43	4206533.03	18062.28876	8.4	8.4	0	ANNUAL	AREA	S
611092.43	4206533.03	17926.762	8.4	8.4	0	ANNUAL	AREA	S
610294.43	4206540.03	1525.15636	10.66	10.66	0	ANNUAL	AREA	S
610301.43	4206540.03	1554.12537	10.76	10.76	0	ANNUAL	AREA	S
610308.43	4206540.03	1583.96131	10.86	10.86	0	ANNUAL	AREA	S
610315.43	4206540.03	1614.74187	10.95	10.95	0	ANNUAL	AREA	S
610322.43	4206540.03	1646.31965	11.05	11.05	0	ANNUAL	AREA	S
610329.43	4206540.03	1678.8197	11.15	11.15	0	ANNUAL	AREA	S
610336.43	4206540.03	1712.30792	11.24	11.24	0	ANNUAL	AREA	S
610343.43	4206540.03	1746.95184	11.31	11.31	0	ANNUAL	AREA	S
610350.43	4206540.03	1782.47297	11.39	11.39	0	ANNUAL	AREA	S
610357.43	4206540.03	1818.9664	11.47	11.47	0	ANNUAL	AREA	S
610364.43	4206540.03	1856.50956	11.54	11.54	0	ANNUAL	AREA	S
610371.43	4206540.03	1895.00705	11.62	11.62	0	ANNUAL	AREA	S
610378.43	4206540.03	1934.57242	11.69	11.69	0	ANNUAL	AREA	S
610385.43	4206540.03	1975.17713	11.76	11.76	0	ANNUAL	AREA	S
610392.43	4206540.03	2016.72877	11.84	11.84	0	ANNUAL	AREA	S
610399.43	4206540.03	2059.34924	11.91	11.91	0	ANNUAL	AREA	S
610406.43	4206540.03	2102.97488	11.99	11.99	0	ANNUAL	AREA	S
610413.43	4206540.03	2148.16973	12	12	0	ANNUAL	AREA	S
610420.43	4206540.03	2194.48058	12	12	0	ANNUAL	AREA	S
610427.43	4206540.03	2241.83214	12	12	0	ANNUAL	AREA	S
610434.43	4206540.03	2290.13802	12	12	0	ANNUAL	AREA	S
610441.43	4206540.03	2339.55992	12	12	0	ANNUAL	AREA	S
610448.43	4206540.03	2389.91875	12	12	0	ANNUAL	AREA	S
610455.43	4206540.03	2441.41966	12	12	0	ANNUAL	AREA	S
610462.43	4206540.03	2493.94876	12	12	0	ANNUAL	AREA	S
610469.43	4206540.03	2547.61243	12	12	0	ANNUAL	AREA	S
610497.43	4206540.03	2775.19721	12	12	0	ANNUAL	AREA	S
610504.43	4206540.03	2835.9443	12	12	0	ANNUAL	AREA	S
610511.43	4206540.03	2898.60798	12	12	0	ANNUAL	AREA	S
610518.43	4206540.03	2963.42246	12	12	0	ANNUAL	AREA	S
610525.43	4206540.03	3030.7239	12	12	0	ANNUAL	AREA	S
610532.43	4206540.03	3100.86264	12	12	0	ANNUAL	AREA	S
610539.43	4206540.03	3174.23704	12	12	0	ANNUAL	AREA	S
610546.43	4206540.03	3251.30468	12	12	0	ANNUAL	AREA	S
610553.43	4206540.03	3332.47775	12	12	0	ANNUAL	AREA	S
610560.43	4206540.03	3418.14492	11.93	11.93	0	ANNUAL	AREA	S
610567.43	4206540.03	3511.25386	11.86	11.86	0	ANNUAL	AREA	S
610574.43	4206540.03	3609.19833	11.79	11.79	0	ANNUAL	AREA	S
610581.43	4206540.03	3713.58617	11.72	11.72	0	ANNUAL	AREA	S
610588.43	4206540.03	3824.87617	11.65	11.65	0	ANNUAL	AREA	S
610595.43	4206540.03	3943.41385	11.58	11.58	0	ANNUAL	AREA	S
610602.43	4206540.03	4069.5683	11.51	11.51	0	ANNUAL	AREA	S
610609.43	4206540.03	4203.49951	11.44	11.44	0	ANNUAL	AREA	S
610616.43	4206540.03	4345.31236	11.37	11.37	0	ANNUAL	AREA	S
610623.43	4206540.03	4495.13087	11.3	11.3	0	ANNUAL	AREA	S
610630.43	4206540.03	4653.57489	11.21	11.21	0	ANNUAL	AREA	S
610637.43	4206540.03	4819.68755	11.12	11.12	0	ANNUAL	AREA	S
610644.43	4206540.03	4993.45111	11.03	11.03	0	ANNUAL	AREA	S
610651.43	4206540.03	5174.95306	10.93	10.93	0	ANNUAL	AREA	S
610658.43	4206540.03	5362.99932	10.84	10.84	0	ANNUAL	AREA	S
610665.43	4206540.03	5558.5893	10.74	10.74	0	ANNUAL	AREA	S
610672.43	4206540.03	5760.18489	10.65	10.65	0	ANNUAL	AREA	S
610679.43	4206540.03	5969.34476	10.55	10.55	0	ANNUAL	AREA	S
610686.43	4206540.03	6184.62217	10.46	10.46	0	ANNUAL	AREA	S
610693.43	4206540.03	6408.14067	10.36	10.36	0	ANNUAL	AREA	S
610700.43	4206540.03	6638.07456	10.27	10.27	0	ANNUAL	AREA	S
610707.43	4206540.03	6867.58926	10.24	10.24	0	ANNUAL	AREA	S
610714.43	4206540.03	7102.31461	10.22	10.22	0	ANNUAL	AREA	S
610735.43	4206540.03	7853.79126	10.14	10.14	0	ANNUAL	AREA	S
610742.43	4206540.03	8119.37461	10.12	10.12	0	ANNUAL	AREA	S
610749.43	4206540.03	8396.33846	10.09	10.09	0	ANNUAL	AREA	S
610812.43	4206540.03	11233.58798	9.47	9.47	0	ANNUAL	AREA	S
610819.43	4206540.03	11587.69459	9.37	9.37	0	ANNUAL	AREA	S

610826.43	4206540.03	11946.4054	9.28	9.28	0	ANNUAL	AREA	5
610833.43	4206540.03	12308.13829	9.18	9.18	0	ANNUAL	AREA	5
610840.43	4206540.03	12671.44291	9.09	9.09	0	ANNUAL	AREA	5
610847.43	4206540.03	13034.26368	8.99	8.99	0	ANNUAL	AREA	5
610854.43	4206540.03	13395.12226	8.93	8.93	0	ANNUAL	AREA	5
610910.43	4206540.03	15985.40837	8.39	8.39	0	ANNUAL	AREA	5
610917.43	4206540.03	16248.84254	8.32	8.32	0	ANNUAL	AREA	5
610924.43	4206540.03	16495.79635	8.3	8.3	0	ANNUAL	AREA	5
610931.43	4206540.03	16725.07887	8.3	8.3	0	ANNUAL	AREA	5
610938.43	4206540.03	16935.97296	8.3	8.3	0	ANNUAL	AREA	5
610945.43	4206540.03	17128.38397	8.31	8.31	0	ANNUAL	AREA	5
610952.43	4206540.03	17301.86892	8.31	8.31	0	ANNUAL	AREA	5
611001.43	4206540.03	18000.71369	8.31	8.31	0	ANNUAL	AREA	5
611008.43	4206540.03	18031.18426	8.31	8.31	0	ANNUAL	AREA	5
611015.43	4206540.03	18046.07619	8.32	8.32	0	ANNUAL	AREA	5
611022.43	4206540.03	18045.78013	8.32	8.32	0	ANNUAL	AREA	5
611029.43	4206540.03	18030.9783	8.32	8.32	0	ANNUAL	AREA	5
611036.43	4206540.03	18002.44454	8.32	8.32	0	ANNUAL	AREA	5
611043.43	4206540.03	17960.75994	8.32	8.32	0	ANNUAL	AREA	5
611050.43	4206540.03	17906.60981	8.32	8.32	0	ANNUAL	AREA	5
611057.43	4206540.03	17840.76557	8.32	8.32	0	ANNUAL	AREA	5
611062.21	4206539.92	17799.58006	8.32	8.32	0	ANNUAL	AREA	5
611078.43	4206540.03	17579.2567	8.33	8.33	0	ANNUAL	AREA	5
611085.43	4206540.03	17472.87999	8.33	8.33	0	ANNUAL	AREA	5
611092.43	4206540.03	17358.13714	8.33	8.33	0	ANNUAL	AREA	5
610294.43	4206547.03	1495.06507	10.59	10.59	0	ANNUAL	AREA	5
610301.43	4206547.03	1523.24489	10.69	10.69	0	ANNUAL	AREA	5
610308.43	4206547.03	1552.29056	10.78	10.78	0	ANNUAL	AREA	5
610315.43	4206547.03	1582.07737	10.88	10.88	0	ANNUAL	AREA	5
610322.43	4206547.03	1612.69483	10.98	10.98	0	ANNUAL	AREA	5
610329.43	4206547.03	1644.25957	11.07	11.07	0	ANNUAL	AREA	5
610336.43	4206547.03	1676.61105	11.17	11.17	0	ANNUAL	AREA	5
610343.43	4206547.03	1710.04903	11.25	11.25	0	ANNUAL	AREA	5
610350.43	4206547.03	1744.36205	11.33	11.33	0	ANNUAL	AREA	5
610357.43	4206547.03	1779.59089	11.41	11.41	0	ANNUAL	AREA	5
610364.43	4206547.03	1815.66772	11.5	11.5	0	ANNUAL	AREA	5
610371.43	4206547.03	1852.7519	11.58	11.58	0	ANNUAL	AREA	5
610378.43	4206547.03	1890.78634	11.66	11.66	0	ANNUAL	AREA	5
610385.43	4206547.03	1929.75375	11.74	11.74	0	ANNUAL	AREA	5
610392.43	4206547.03	1969.65051	11.82	11.82	0	ANNUAL	AREA	5
610399.43	4206547.03	2010.46571	11.91	11.91	0	ANNUAL	AREA	5
610406.43	4206547.03	2052.2315	11.99	11.99	0	ANNUAL	AREA	5
610413.43	4206547.03	2095.53009	12	12	0	ANNUAL	AREA	5
610420.43	4206547.03	2139.79953	12	12	0	ANNUAL	AREA	5
610427.43	4206547.03	2184.95487	12	12	0	ANNUAL	AREA	5
610434.43	4206547.03	2231.08267	12	12	0	ANNUAL	AREA	5
610441.43	4206547.03	2278.04728	12	12	0	ANNUAL	AREA	5
610448.43	4206547.03	2326.05993	12	12	0	ANNUAL	AREA	5
610455.43	4206547.03	2374.91397	12	12	0	ANNUAL	AREA	5
610462.43	4206547.03	2424.82534	12	12	0	ANNUAL	AREA	5
610469.43	4206547.03	2475.72438	12	12	0	ANNUAL	AREA	5
610497.43	4206547.03	2691.2441	12	12	0	ANNUAL	AREA	5
610504.43	4206547.03	2748.69647	12	12	0	ANNUAL	AREA	5
610511.43	4206547.03	2808.00779	12	12	0	ANNUAL	AREA	5
610518.43	4206547.03	2869.41144	12	12	0	ANNUAL	AREA	5
610525.43	4206547.03	2933.18095	12	12	0	ANNUAL	AREA	5
610532.43	4206547.03	2999.62668	12	12	0	ANNUAL	AREA	5
610539.43	4206547.03	3069.20109	12	12	0	ANNUAL	AREA	5
610546.43	4206547.03	3142.26165	12	12	0	ANNUAL	AREA	5
610553.43	4206547.03	3219.32652	12	12	0	ANNUAL	AREA	5
610560.43	4206547.03	3301.57446	11.93	11.93	0	ANNUAL	AREA	5
610567.43	4206547.03	3389.12879	11.85	11.85	0	ANNUAL	AREA	5
610574.43	4206547.03	3482.27845	11.77	11.77	0	ANNUAL	AREA	5
610581.43	4206547.03	3581.56996	11.69	11.69	0	ANNUAL	AREA	5
610588.43	4206547.03	3687.37161	11.61	11.61	0	ANNUAL	AREA	5
610595.43	4206547.03	3800.0217	11.53	11.53	0	ANNUAL	AREA	5
610602.43	4206547.03	3919.63061	11.46	11.46	0	ANNUAL	AREA	5
610609.43	4206547.03	4046.77825	11.38	11.38	0	ANNUAL	AREA	5
610616.43	4206547.03	4181.30564	11.3	11.3	0	ANNUAL	AREA	5
610623.43	4206547.03	4323.35431	11.22	11.22	0	ANNUAL	AREA	5
610630.43	4206547.03	4472.67119	11.14	11.14	0	ANNUAL	AREA	5
610637.43	4206547.03	4629.88711	11.04	11.04	0	ANNUAL	AREA	5
610644.43	4206547.03	4793.60815	10.95	10.95	0	ANNUAL	AREA	5
610651.43	4206547.03	4964.51963	10.85	10.85	0	ANNUAL	AREA	5
610658.43	4206547.03	5141.2731	10.76	10.76	0	ANNUAL	AREA	5
610665.43	4206547.03	5324.87582	10.66	10.66	0	ANNUAL	AREA	5
610672.43	4206547.03	5513.85654	10.57	10.57	0	ANNUAL	AREA	5
610679.43	4206547.03	5708.75997	10.48	10.48	0	ANNUAL	AREA	5
610686.43	4206547.03	5910.66364	10.38	10.38	0	ANNUAL	AREA	5
610693.43	4206547.03	6117.98736	10.29	10.29	0	ANNUAL	AREA	5
610700.43	4206547.03	6333.01651	10.19	10.19	0	ANNUAL	AREA	5
610707.43	4206547.03	6543.42953	10.18	10.18	0	ANNUAL	AREA	5
610714.43	4206547.03	6760.58912	10.16	10.16	0	ANNUAL	AREA	5
610777.43	4206547.03	9010.1573	9.95	9.95	0	ANNUAL	AREA	5
610784.43	4206547.03	9239.20484	9.85	9.85	0	ANNUAL	AREA	5
610791.43	4206547.03	9596.904	9.75	9.75	0	ANNUAL	AREA	5
610798.43	4206547.03	9903.03551	9.66	9.66	0	ANNUAL	AREA	5
610805.43	4206547.03	10217.1134	9.56	9.56	0	ANNUAL	AREA	5
610812.43	4206547.03	10538.34306	9.47	9.47	0	ANNUAL	AREA	5
610819.43	4206547.03	10865.86728	9.37	9.37	0	ANNUAL	AREA	5
610826.43	4206547.03	11198.65598	9.28	9.28	0	ANNUAL	AREA	5
610833.43	4206547.03	11535.49485	9.18	9.18	0	ANNUAL	AREA	5
610840.43	4206547.03	11874.83394	9.08	9.08	0	ANNUAL	AREA	5
610847.43	4206547.03	12215.30796	8.99	8.99	0	ANNUAL	AREA	5
610854.43	4206547.03	12555.30177	8.92	8.92	0	ANNUAL	AREA	5
610861.43	4206547.03	12892.90814	8.84	8.84	0	ANNUAL	AREA	5
610868.43	4206547.03	13226.6534	8.77	8.77	0	ANNUAL	AREA	5
610875.43	4206547.03	13554.62882	8.69	8.69	0	ANNUAL	AREA	5
610882.43	4206547.03	13875.21588	8.62	8.62	0	ANNUAL	AREA	5
610889.43	4206547.03	14186.71802	8.54	8.54	0	ANNUAL	AREA	5
610910.43	4206547.03	15053.43947	8.32	8.32	0	ANNUAL	AREA	5
610917.43	4206547.03	15315.59242	8.25	8.25	0	ANNUAL	AREA	5
610924.43	4206547.03	15563.33082	8.23	8.23	0	ANNUAL	AREA	5
610931.43	4206547.03	15795.4983	8.23	8.23	0	ANNUAL	AREA	5
610938.43	4206547.03	16011.45298	8.23	8.23	0	ANNUAL	AREA	5
610945.43	4206547.03	16210.60053	8.23	8.23	0	ANNUAL	AREA	5
610952.43	4206547.03	16392.65906	8.23	8.23	0	ANNUAL	AREA	5
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610966.43	4206547.03	16704.9322	8.23	8.23	0	ANNUAL	AREA	5
610973.43	4206547.03	16835.16646	8.23	8.23	0	ANNUAL	AREA	5
611001.43	4206547.03	17188.60298	8.24	8.24	0	ANNUAL	AREA	5
611008.43	4206547.03	17236.82972	8.24	8.24	0	ANNUAL	AREA	5
611015.43	4206547.03	17269.81725	8.24	8.24	0	ANNUAL	AREA	5
611022.43	4206547.03	17288.20971	8.24	8.24	0	ANNUAL	AREA	5
611029.43	4206547.03	17292.57169	8.24	8.24	0	ANNUAL	AREA	5
611036.43	4206547.03	17281.36023	8.24	8.24	0	ANNUAL	AREA	5
611043.43	4206547.03	17261.2839	8.24	8.24	0	ANNUAL	AREA	5
611050.43	4206547.03	17227.01434	8.25	8.25	0	ANNUAL	AREA	5
611057.43	4206547.03	17180.91993	8.25	8.25	0	ANNUAL	AREA	5
611078.43	4206547.03	16978.57288	8.25	8.25	0	ANNUAL	AREA	5
611085.43	4206547.03	16891.76991	8.25	8.25	0	ANNUAL	AREA	5
611092.43	4206547.03	16796.23368	8.25	8.25	0	ANNUAL	AREA	5
610294.43	4206554.03	1466.09136	10.52	10.52	0	ANNUAL	AREA	5
610301.43	4206554.03	1493.53297	10.61	10.61	0	ANNUAL	AREA	5
610308.43	4206554.03	1521.66513	10.71	10.71	0	ANNUAL	AREA	5
610315.43	4206554.03	1550.55082	10.81	10.81	0	ANNUAL	AREA	5
610322.43	4206554.03	1580.33912	10.9	10.9	0	ANNUAL	AREA	5
610329.43	4206554.03	1610.84536	11	11	0	ANNUAL	AREA	5
610336.43	4206554.03	1642.25291	11.09	11.09	0	ANNUAL	AREA	5
610343.43	4206554.03	1674.47872	11.18	11.18	0	ANNUAL	AREA	5
610350.43	4206554.03	1707.57653	11.27	11.27	0	ANNUAL	AREA	5
610357.43	4206554.03	1741.51278	11.36	11.36	0	ANNUAL	AREA	5
610364.43	4206554.03	1776.31133	11.45	11.45	0	ANNUAL	AREA	5
610371.43	4206554.03	1811.97594	11.54	11.54	0	ANNUAL	AREA	5
610378.43	4206554.03	1848.51716	11.63	11.63	0	ANNUAL	AREA	5
610385.43	4206554.03	1885.90308	11.72	11.72	0	ANNUAL	AREA	5
610392.43	4206554.03	1924.19897	11.81	11.81	0	ANNUAL	AREA	5
610399.43	4206554.03	1963.30436	11.9	11.9	0	ANNUAL	AREA	5
610406.43	4206554.03	2003.33121	11.99	11.99	0	ANNUAL	AREA	5
610413.43	4206554.03	2044.73909	12	12	0	ANNUAL	AREA	5
610420.43	4206554.03	2087.03757	12	12	0	ANNUAL	AREA	5
610427.43	4206554.03	2130.15427	12	12	0	ANNUAL	AREA	5
610434.43	4206554.03	2174.09465	12	12	0	ANNUAL	AREA	5
610441.43	4206554.03	2218.86577	12	12	0	ANNUAL	AREA	5
610448.43	4206554.03	2264.47164	12	12	0	ANNUAL	AREA	5
610455.43	4206554.03	2310.97373	12	12	0	ANNUAL	AREA	5
610462.43	4206554.03	2358.28171	12	12	0	ANNUAL	AREA	5
610469.43	4206554.03	2406.61324	12	12	0	ANNUAL	AREA	5
610497.43	4206554.03	2610.76554	12	12	0	ANNUAL	AREA	5
610504.43	4206554.03	2665.25869	12	12	0	ANNUAL	AREA	5
610511.43	4206554.03	2721.39955	12	12	0	ANNUAL	AREA	5
610518.43	4206554.03	2779.60623	12	12	0	ANNUAL	AREA	5
610525.43	4206554.03	2840.07865	12	12	0	ANNUAL	AREA	5
610532.43	4206554.03	2903.12658	12	12	0	ANNUAL	AREA	5
610539.43	4206554.03	2969.17166	12	12	0	ANNUAL	AREA	5
610546.43	4206554.03	3038.5597	12	12	0	ANNUAL	AREA	5
610553.43	4206554.03	3111.74785	12	12	0	ANNUAL	AREA	5
610560.43	4206554.03	3190.09834	11.92	11.92	0	ANNUAL	AREA	5
610567.43	4206554.03	3273.46727	11.83	11.83	0	ANNUAL	AREA	5
610574.43	4206554.03	3361.98836	11.75	11.75	0	ANNUAL	AREA	5
610581.43	4206554.03	3456.54736	11.66	11.66	0	ANNUAL	AREA	5
610588.43	4206554.03	3557.30111	11.57	11.57	0	ANNUAL	AREA	5
610595.43	4206554.03	3664.34095	11.49	11.49	0	ANNUAL	AREA	5
610602.43	4206554.03	3778.36105	11.4	11.4	0	ANNUAL	AREA	5
610609.43	4206554.03	3898.98333	11.32	11.32	0	ANNUAL	AREA	5
610616.43	4206554.03	4026.7669	11.23	11.23	0	ANNUAL	AREA	5
610623.43	4206554.03	4161.31916	11.15	11.15	0	ANNUAL	AREA	5
610630.43	4206554.03	4302.90751	11.06	11.06	0	ANNUAL	AREA	5
610637.43	4206554.03	4451.12106	10.97	10.97	0	ANNUAL	AREA	5
610644.43	4206554.03	4606.13071	10.87	10.87	0	ANNUAL	AREA	5
610651.43	4206554.03	4766.75864	10.78	10.78	0	ANNUAL	AREA	5
610658.43	4206554.03	4933.71025	10.68	10.68	0	ANNUAL	AREA	5
610665.43	4206554.03	5105.7026	10.59	10.59	0	ANNUAL	AREA	5
610672.43	4206554.03	5283.75041	10.49	10.49	0	ANNUAL	AREA	5
610679.43	4206554.03	5466.4781	10.4	10.4	0	ANNUAL	AREA	5
610686.43	4206554.03	5655.50756	10.3	10.3	0	ANNUAL	AREA	5
610693.43	4206554.03	5849.19924	10.21	10.21	0	ANNUAL	AREA	5
610700.43	4206554.03	6048.56046	10.12	10.12	0	ANNUAL	AREA	5
610707.43	4206554.03	6244.17303	10.11	10.11	0	ANNUAL	AREA	5
610714.43	4206554.03	6444.27981	10.1	10.1	0	ANNUAL	AREA	5
610756.43	4206554.03	7753.78132	10.03	10.03	0	ANNUAL	AREA	5
610763.43	4206554.03	7994.44498	10.02	10.02	0	ANNUAL	AREA	5
610770.43	4206554.03	8242.8983	10.01	10.01	0	ANNUAL	AREA	5
610777.43	4206554.03	8493.3687	9.94	9.94	0	ANNUAL	AREA	5
610784.43	4206554.03	8764.14264	9.85	9.85	0	ANNUAL	AREA	5
610791.43	4206554.03	9037.17672	9.75	9.75	0	ANNUAL	AREA	5
610798.43	4206554.03	9318.38284	9.66	9.66	0	ANNUAL	AREA	5
610805.43	4206554.03	9607.38046	9.56	9.56	0	ANNUAL	AREA	5
610812.43	4206554.03	9903.57072	9.47	9.47	0	ANNUAL	AREA	5
610819.43	4206554.03	10206.34994	9.37	9.37	0	ANNUAL	AREA	5
610826.43	4206554.03	10514.87001	9.27	9.27	0	ANNUAL	AREA	5
610833.43	4206554.03	10828.2075	9.18	9.18	0	ANNUAL	AREA	5
610840.43	4206554.03	11144.9382	9.08	9.08	0	ANNUAL	AREA	5
610847.43	4206554.03	11463.89565	8.99	8.99	0	ANNUAL	AREA	5
610854.43	4206554.03	11783.59409	8.91	8.91	0	ANNUAL	AREA	5
610861.43	4206554.03	12102.42084	8.82	8.82	0	ANNUAL	AREA	5

610868.43	4206554.03	12418.8986	8.74	8.74	0	ANNUAL	AREA	S
610875.43	4206554.03	12731.53369	8.66	8.66	0	ANNUAL	AREA	S
610882.43	4206554.03	13038.67547	8.58	8.58	0	ANNUAL	AREA	S
610889.43	4206554.03	13338.79488	8.5	8.5	0	ANNUAL	AREA	S
610910.43	4206554.03	14183.43021	8.26	8.26	0	ANNUAL	AREA	S
610917.43	4206554.03	14442.43628	8.18	8.18	0	ANNUAL	AREA	S
610924.43	4206554.03	14688.93331	8.15	8.15	0	ANNUAL	AREA	S
610931.43	4206554.03	14921.95677	8.15	8.15	0	ANNUAL	AREA	S
610938.43	4206554.03	15140.49441	8.15	8.15	0	ANNUAL	AREA	S
610945.43	4206554.03	15344.02221	8.15	8.15	0	ANNUAL	AREA	S
610952.43	4206554.03	15532.26856	8.16	8.16	0	ANNUAL	AREA	S
610959.43	4206554.03	15704.713	8.16	8.16	0	ANNUAL	AREA	S
610966.43	4206554.03	15861.34182	8.16	8.16	0	ANNUAL	AREA	S
610973.43	4206554.03	16002.12266	8.16	8.16	0	ANNUAL	AREA	S
610994.43	4206554.03	16329.7448	8.16	8.16	0	ANNUAL	AREA	S
611001.43	4206554.03	16408.19811	8.16	8.16	0	ANNUAL	AREA	S
611008.43	4206554.03	16471.72822	8.16	8.16	0	ANNUAL	AREA	S
611015.43	4206554.03	16520.76353	8.16	8.16	0	ANNUAL	AREA	S
611022.43	4206554.03	16555.78917	8.17	8.17	0	ANNUAL	AREA	S
611029.43	4206554.03	16577.1261	8.17	8.17	0	ANNUAL	AREA	S
611036.43	4206554.03	16585.39661	8.17	8.17	0	ANNUAL	AREA	S
611043.43	4206554.03	16581.01015	8.17	8.17	0	ANNUAL	AREA	S
611050.43	4206554.03	16564.51558	8.17	8.17	0	ANNUAL	AREA	S
611057.43	4206554.03	16536.53573	8.17	8.17	0	ANNUAL	AREA	S
610294.43	4206561.03	1437.98099	10.46	10.46	0	ANNUAL	AREA	S
610301.43	4206561.03	1464.67652	10.55	10.55	0	ANNUAL	AREA	S
610308.43	4206561.03	1491.96882	10.65	10.65	0	ANNUAL	AREA	S
610315.43	4206561.03	1520.13207	10.74	10.74	0	ANNUAL	AREA	S
610322.43	4206561.03	1548.91035	10.84	10.84	0	ANNUAL	AREA	S
610329.43	4206561.03	1578.4648	10.94	10.94	0	ANNUAL	AREA	S
610336.43	4206561.03	1608.8575	11.03	11.03	0	ANNUAL	AREA	S
610343.43	4206561.03	1639.9875	11.13	11.13	0	ANNUAL	AREA	S
610350.43	4206561.03	1671.95385	11.22	11.22	0	ANNUAL	AREA	S
610357.43	4206561.03	1704.61896	11.32	11.32	0	ANNUAL	AREA	S
610364.43	4206561.03	1738.22269	11.41	11.41	0	ANNUAL	AREA	S
610371.43	4206561.03	1772.50662	11.51	11.51	0	ANNUAL	AREA	S
610378.43	4206561.03	1807.6006	11.61	11.61	0	ANNUAL	AREA	S
610385.43	4206561.03	1843.57729	11.7	11.7	0	ANNUAL	AREA	S
610392.43	4206561.03	1880.26254	11.8	11.8	0	ANNUAL	AREA	S
610399.43	4206561.03	1917.81204	11.89	11.89	0	ANNUAL	AREA	S
610406.43	4206561.03	1956.07565	11.99	11.99	0	ANNUAL	AREA	S
610413.43	4206561.03	1995.69178	12	12	0	ANNUAL	AREA	S
610420.43	4206561.03	2036.11348	12	12	0	ANNUAL	AREA	S
610427.43	4206561.03	2077.26449	12	12	0	ANNUAL	AREA	S
610434.43	4206561.03	2119.13326	12	12	0	ANNUAL	AREA	S
610441.43	4206561.03	2161.78011	12	12	0	ANNUAL	AREA	S
610448.43	4206561.03	2205.16061	12	12	0	ANNUAL	AREA	S
610455.43	4206561.03	2249.29441	12	12	0	ANNUAL	AREA	S
610462.43	4206561.03	2294.30319	12	12	0	ANNUAL	AREA	S
610469.43	4206561.03	2340.10884	12	12	0	ANNUAL	AREA	S
610497.43	4206561.03	2533.67604	12	12	0	ANNUAL	AREA	S
610504.43	4206561.03	2585.28775	12	12	0	ANNUAL	AREA	S
610511.43	4206561.03	2638.56829	12	12	0	ANNUAL	AREA	S
610518.43	4206561.03	2693.77234	12	12	0	ANNUAL	AREA	S
610525.43	4206561.03	2751.15433	12	12	0	ANNUAL	AREA	S
610532.43	4206561.03	2811.08346	12	12	0	ANNUAL	AREA	S
610539.43	4206561.03	2873.80935	12	12	0	ANNUAL	AREA	S
610546.43	4206561.03	2939.83125	12	12	0	ANNUAL	AREA	S
610553.43	4206561.03	3009.45424	12	12	0	ANNUAL	AREA	S
610560.43	4206561.03	3084.08733	11.91	11.91	0	ANNUAL	AREA	S
610567.43	4206561.03	3163.4584	11.82	11.82	0	ANNUAL	AREA	S
610574.43	4206561.03	3248.07026	11.72	11.72	0	ANNUAL	AREA	S
610581.43	4206561.03	3338.0379	11.63	11.63	0	ANNUAL	AREA	S
610588.43	4206561.03	3433.88565	11.54	11.54	0	ANNUAL	AREA	S
610595.43	4206561.03	3536.08171	11.44	11.44	0	ANNUAL	AREA	S
610602.43	4206561.03	3644.52316	11.35	11.35	0	ANNUAL	AREA	S
610609.43	4206561.03	3759.35949	11.26	11.26	0	ANNUAL	AREA	S
610616.43	4206561.03	3880.68309	11.17	11.17	0	ANNUAL	AREA	S
610623.43	4206561.03	4008.56519	11.08	11.08	0	ANNUAL	AREA	S
610630.43	4206561.03	4143.0974	10.98	10.98	0	ANNUAL	AREA	S
610637.43	4206561.03	4283.36003	10.89	10.89	0	ANNUAL	AREA	S
610644.43	4206561.03	4429.91598	10.79	10.79	0	ANNUAL	AREA	S
610651.43	4206561.03	4581.56487	10.7	10.7	0	ANNUAL	AREA	S
610658.43	4206561.03	4738.50305	10.61	10.61	0	ANNUAL	AREA	S
610665.43	4206561.03	4901.01316	10.51	10.51	0	ANNUAL	AREA	S
610672.43	4206561.03	5067.80663	10.42	10.42	0	ANNUAL	AREA	S
610679.43	4206561.03	5240.04878	10.32	10.32	0	ANNUAL	AREA	S
610686.43	4206561.03	5416.45999	10.23	10.23	0	ANNUAL	AREA	S
610693.43	4206561.03	5598.62955	10.13	10.13	0	ANNUAL	AREA	S
610700.43	4206561.03	5780.66578	10.04	10.04	0	ANNUAL	AREA	S
610707.43	4206561.03	5961.40953	10.04	10.04	0	ANNUAL	AREA	S
610714.43	4206561.03	6145.80822	10.04	10.04	0	ANNUAL	AREA	S
610735.43	4206561.03	6724.1189	10.02	10.02	0	ANNUAL	AREA	S
610742.43	4206561.03	6926.51397	10.02	10.02	0	ANNUAL	AREA	S
610749.43	4206561.03	7134.48788	10.02	10.02	0	ANNUAL	AREA	S
610756.43	4206561.03	7348.52673	10.01	10.01	0	ANNUAL	AREA	S
610763.43	4206561.03	7569.12778	10.01	10.01	0	ANNUAL	AREA	S
610770.43	4206561.03	7796.84913	10	10	0	ANNUAL	AREA	S
610777.43	4206561.03	8031.95091	9.94	9.94	0	ANNUAL	AREA	S
610784.43	4206561.03	8274.7636	9.85	9.85	0	ANNUAL	AREA	S
610791.43	4206561.03	8525.3702	9.75	9.75	0	ANNUAL	AREA	S
610798.43	4206561.03	8783.76191	9.66	9.66	0	ANNUAL	AREA	S
610805.43	4206561.03	9049.79582	9.56	9.56	0	ANNUAL	AREA	S
610812.43	4206561.03	9322.96587	9.46	9.46	0	ANNUAL	AREA	S
610819.43	4206561.03	9602.89075	9.37	9.37	0	ANNUAL	AREA	S
610826.43	4206561.03	9888.80546	9.27	9.27	0	ANNUAL	AREA	S
610833.43	4206561.03	10179.96263	9.18	9.18	0	ANNUAL	AREA	S
610840.43	4206561.03	10475.29473	9.08	9.08	0	ANNUAL	AREA	S
610847.43	4206561.03	10773.66078	8.99	8.99	0	ANNUAL	AREA	S
610854.43	4206561.03	11073.72972	8.9	8.9	0	ANNUAL	AREA	S
610861.43	4206561.03	11374.28484	8.81	8.81	0	ANNUAL	AREA	S
610868.43	4206561.03	11673.8465	8.72	8.72	0	ANNUAL	AREA	S
610875.43	4206561.03	11970.98853	8.63	8.63	0	ANNUAL	AREA	S
610882.43	4206561.03	12264.26298	8.54	8.54	0	ANNUAL	AREA	S
610889.43	4206561.03	12552.25379	8.45	8.45	0	ANNUAL	AREA	S
610910.43	4206561.03	13371.64073	8.19	8.19	0	ANNUAL	AREA	S
610917.43	4206561.03	13625.78307	8.1	8.1	0	ANNUAL	AREA	S
610924.43	4206561.03	13869.57069	8.08	8.08	0	ANNUAL	AREA	S
610931.43	4206561.03	14101.52817	8.08	8.08	0	ANNUAL	AREA	S
610938.43	4206561.03	14320.78867	8.08	8.08	0	ANNUAL	AREA	S
610945.43	4206561.03	14526.73318	8.08	8.08	0	ANNUAL	AREA	S
610952.43	4206561.03	14718.8586	8.08	8.08	0	ANNUAL	AREA	S
610959.43	4206561.03	14896.86434	8.08	8.08	0	ANNUAL	AREA	S
610966.43	4206561.03	15060.40478	8.08	8.08	0	ANNUAL	AREA	S
610973.43	4206561.03	15209.33709	8.08	8.08	0	ANNUAL	AREA	S
610994.43	4206561.03	15568.64709	8.09	8.09	0	ANNUAL	AREA	S
611001.43	4206561.03	15659.46826	8.09	8.09	0	ANNUAL	AREA	S
611008.43	4206561.03	15736.23128	8.09	8.09	0	ANNUAL	AREA	S
611015.43	4206561.03	15799.18853	8.09	8.09	0	ANNUAL	AREA	S
611022.43	4206561.03	15848.68295	8.09	8.09	0	ANNUAL	AREA	S
611029.43	4206561.03	15885.07215	8.09	8.09	0	ANNUAL	AREA	S
611036.43	4206561.03	15908.90064	8.09	8.09	0	ANNUAL	AREA	S
611043.43	4206561.03	15920.37848	8.09	8.09	0	ANNUAL	AREA	S
611050.43	4206561.03	15920.10142	8.09	8.09	0	ANNUAL	AREA	S
611057.43	4206561.03	15908.61582	8.1	8.1	0	ANNUAL	AREA	S
610294.43	4206568.03	1410.32571	10.46	10.46	0	ANNUAL	AREA	S
610301.43	4206568.03	1436.23976	10.55	10.55	0	ANNUAL	AREA	S
610308.43	4206568.03	1462.7739	10.65	10.65	0	ANNUAL	AREA	S
610315.43	4206568.03	1489.99963	10.75	10.75	0	ANNUAL	AREA	S
610322.43	4206568.03	1518.02886	10.84	10.84	0	ANNUAL	AREA	S
610329.43	4206568.03	1546.64901	10.94	10.94	0	ANNUAL	AREA	S
610336.43	4206568.03	1576.12252	11.03	11.03	0	ANNUAL	AREA	S
610343.43	4206568.03	1606.21751	11.13	11.13	0	ANNUAL	AREA	S
610350.43	4206568.03	1637.10197	11.22	11.22	0	ANNUAL	AREA	S
610357.43	4206568.03	1668.71843	11.32	11.32	0	ANNUAL	AREA	S
610364.43	4206568.03	1701.00001	11.42	11.42	0	ANNUAL	AREA	S
610371.43	4206568.03	1734.10459	11.51	11.51	0	ANNUAL	AREA	S
610378.43	4206568.03	1767.91013	11.61	11.61	0	ANNUAL	AREA	S
610385.43	4206568.03	1802.50356	11.7	11.7	0	ANNUAL	AREA	S
610392.43	4206568.03	1837.7148	11.8	11.8	0	ANNUAL	AREA	S
610399.43	4206568.03	1873.74752	11.89	11.89	0	ANNUAL	AREA	S
610406.43	4206568.03	1910.41069	11.99	11.99	0	ANNUAL	AREA	S
610413.43	4206568.03	1948.3459	11.99	11.99	0	ANNUAL	AREA	S
610420.43	4206568.03	1986.98075	11.99	11.99	0	ANNUAL	AREA	S
610427.43	4206568.03	2026.27104	11.98	11.98	0	ANNUAL	AREA	S
610434.43	4206568.03	2066.25946	11.97	11.97	0	ANNUAL	AREA	S
610441.43	4206568.03	2106.83284	11.97	11.97	0	ANNUAL	AREA	S
610448.43	4206568.03	2148.14201	11.96	11.96	0	ANNUAL	AREA	S
610455.43	4206568.03	2190.14732	11.95	11.95	0	ANNUAL	AREA	S
610462.43	4206568.03	2232.82247	11.95	11.95	0	ANNUAL	AREA	S
610469.43	4206568.03	2276.35456	11.94	11.94	0	ANNUAL	AREA	S
610497.43	4206568.03	2459.9303	11.95	11.95	0	ANNUAL	AREA	S
610504.43	4206568.03	2508.85253	11.96	11.96	0	ANNUAL	AREA	S
610511.43	4206568.03	2559.40933	11.97	11.97	0	ANNUAL	AREA	S
610518.43	4206568.03	2611.85772	11.97	11.97	0	ANNUAL	AREA	S
610525.43	4206568.03	2666.36589	11.98	11.98	0	ANNUAL	AREA	S
610532.43	4206568.03	2723.32902	11.98	11.98	0	ANNUAL	AREA	S
610539.43	4206568.03	2782.97418	11.99	11.99	0	ANNUAL	AREA	S
610546.43	4206568.03	2845.79817	11.99	11.99	0	ANNUAL	AREA	S
610553.43	4206568.03	2912.04236	12	12	0	ANNUAL	AREA	S
610560.43	4206568.03	2983.17892	11.91	11.91	0	ANNUAL	AREA	S
610567.43	4206568.03	3058.81056	11.82	11.82	0	ANNUAL	AREA	S
610574.43	4206568.03	3139.29274	11.73	11.73	0	ANNUAL	AREA	S
610581.43	4206568.03	3224.98367	11.64	11.64	0	ANNUAL	AREA	S
610588.43	4206568.03	3316.22746	11.55	11.55	0	ANNUAL	AREA	S
610595.43	4206568.03	3413.25111	11.46	11.46	0	ANNUAL	AREA	S
610602.43	4206568.03	3516.50733	11.36	11.36	0	ANNUAL	AREA	S
610609.43	4206568.03	3625.52463	11.27	11.27	0	ANNUAL	AREA	S
610616.43	4206568.03	3740.61134	11.18	11.18	0	ANNUAL	AREA	S
610623.43	4206568.03	3861.79515	11.09	11.09	0	ANNUAL	AREA	S
610630.43	4206568.03	3989.13531	10.99	10.99	0	ANNUAL	AREA	S
610637.43	4206568.03	4122.10706	10.89	10.89	0	ANNUAL	AREA	S
610644.43	4206568.03	4260.58248	10.79	10.79	0	ANNUAL	AREA	S
610651.43	4206568.03	4404.05995	10.69	10.69	0	ANNUAL	AREA	S
610658.43	4206568.03	4552.46829	10.59	10.59	0	ANNUAL	AREA	S
610665.43	4206568.03	4705.43059	10.49	10.49	0	ANNUAL	AREA	S
610672.43	4206568.03	4862.84078	10.39	10.39	0	ANNUAL	AREA	S
610679.43	4206568.03	5024.5025	10.29	10.29	0	ANNUAL	AREA	S
610686.43	4206568.03	5190.52643	10.19	10.19	0	ANNUAL	AREA	S
610693.43	4206568.03	5360.94737	10.09	10.09	0	ANNUAL	AREA	S
610700.43	4206568.03	5527.02155	10	10	0	ANNUAL	AREA	S
610707.43	4206568.03	5695.1387	10	10	0	ANNUAL	AREA	S
610714.43	4206568.03	5866.35102	10	10	0	ANNUAL	AREA	S
610735.43	4206568.03	6401.11136	10	10	0	ANNUAL	AREA	S
610742.43	4206568.03	6587.59788	10	10	0	ANNUAL	AREA	S
610749.43	4206568.03	6778.96816	10	10	0	ANNUAL	AREA	S
610756.43	4206568.03	6975.70583	10	10	0	ANNUAL	AREA	S
610763.43	4206568.03	7178.34312	10	10	0	ANNUAL	AREA	S
610770.43	4206568.03	7387.38979	10	10	0	ANNUAL	AREA	S
610777.43	4206568.03	7601.17112	9.94	9.94	0	ANNUAL	AREA	S
610784.43	4206568.03	7826.11193	9.85	9.85	0	ANNUAL	AREA	S
610791.43	4206568.03	8056.33624	9.75	9.75	0	ANNUAL	AREA	S
610798.43	4206568.03	8293.97479	9.65	9.65	0	ANNUAL	AREA	S
610805.43	4206568.03	8538.96341	9.56	9.56	0	ANNUAL	AREA	S
610812.43	4206568.03	8790.9835	9.46	9.46	0	ANNUAL	AREA	S
610819.43	4206568.03	9049.78777	9.37	9.37	0	ANNUAL	AREA	S

610826.43	4206568.03	9314.68529	9.27	9.27	0	ANNUAL	AREA	5
610833.43	4206568.03	9585.16397	9.18	9.18	0	ANNUAL	AREA	5
610840.43	4206568.03	9860.2872	9.08	9.08	0	ANNUAL	AREA	5
610847.43	4206568.03	10139.02466	8.98	8.98	0	ANNUAL	AREA	5
610854.43	4206568.03	10420.41661	8.89	8.89	0	ANNUAL	AREA	5
610861.43	4206568.03	10703.1915	8.8	8.8	0	ANNUAL	AREA	5
610868.43	4206568.03	10986.12896	8.7	8.7	0	ANNUAL	AREA	5
610875.43	4206568.03	11267.87348	8.6	8.6	0	ANNUAL	AREA	5
610882.43	4206568.03	11547.16893	8.51	8.51	0	ANNUAL	AREA	5
610889.43	4206568.03	11822.73274	8.41	8.41	0	ANNUAL	AREA	5
610910.43	4206568.03	12614.31256	8.13	8.13	0	ANNUAL	AREA	5
610917.43	4206568.03	12862.57565	8.03	8.03	0	ANNUAL	AREA	5
610924.43	4206568.03	13101.99808	8	8	0	ANNUAL	AREA	5
610931.43	4206568.03	13331.39748	8	8	0	ANNUAL	AREA	5
610938.43	4206568.03	13549.78336	8	8	0	ANNUAL	AREA	5
610945.43	4206568.03	13756.35131	8	8	0	ANNUAL	AREA	5
610952.43	4206568.03	13950.6895	8	8	0	ANNUAL	AREA	5
610959.43	4206568.03	14132.32035	8.01	8.01	0	ANNUAL	AREA	5
610966.43	4206568.03	14300.84372	8.01	8.01	0	ANNUAL	AREA	5
610973.43	4206568.03	14455.99054	8.01	8.01	0	ANNUAL	AREA	5
610994.43	4206568.03	14840.73917	8.01	8.01	0	ANNUAL	AREA	5
611001.43	4206568.03	14942.0331	8.01	8.01	0	ANNUAL	AREA	5
611008.43	4206568.03	15030.09262	8.01	8.01	0	ANNUAL	AREA	5
611015.43	4206568.03	15105.07221	8.01	8.01	0	ANNUAL	AREA	5
611022.43	4206568.03	15167.23764	8.01	8.01	0	ANNUAL	AREA	5
611029.43	4206568.03	15217.00207	8.02	8.02	0	ANNUAL	AREA	5
611036.43	4206568.03	15254.48021	8.02	8.02	0	ANNUAL	AREA	5
611043.43	4206568.03	15280.17316	8.02	8.02	0	ANNUAL	AREA	5
611050.43	4206568.03	15294.50525	8.02	8.02	0	ANNUAL	AREA	5
611057.43	4206568.03	15297.66055	8.02	8.02	0	ANNUAL	AREA	5
611078.43	4206568.03	15245.48081	8.02	8.02	0	ANNUAL	AREA	5
611085.43	4206568.03	15208.98859	8.02	8.02	0	ANNUAL	AREA	5
611092.43	4206568.03	15163.53467	8.02	8.02	0	ANNUAL	AREA	5
610294.43	4206575.03	1383.58353	10.46	10.46	0	ANNUAL	AREA	5
610301.43	4206575.03	1408.70464	10.56	10.56	0	ANNUAL	AREA	5
610308.43	4206575.03	1434.565	10.65	10.65	0	ANNUAL	AREA	5
610315.43	4206575.03	1461.00216	10.75	10.75	0	ANNUAL	AREA	5
610322.43	4206575.03	1488.155	10.84	10.84	0	ANNUAL	AREA	5
610329.43	4206575.03	1515.93705	10.94	10.94	0	ANNUAL	AREA	5
610336.43	4206575.03	1544.43533	11.03	11.03	0	ANNUAL	AREA	5
610343.43	4206575.03	1573.54758	11.13	11.13	0	ANNUAL	AREA	5
610350.43	4206575.03	1603.38242	11.23	11.23	0	ANNUAL	AREA	5
610357.43	4206575.03	1633.9029	11.32	11.32	0	ANNUAL	AREA	5
610364.43	4206575.03	1665.05864	11.42	11.42	0	ANNUAL	AREA	5
610371.43	4206575.03	1696.97553	11.51	11.51	0	ANNUAL	AREA	5
610378.43	4206575.03	1729.49885	11.61	11.61	0	ANNUAL	AREA	5
610385.43	4206575.03	1762.72303	11.7	11.7	0	ANNUAL	AREA	5
610392.43	4206575.03	1796.58132	11.8	11.8	0	ANNUAL	AREA	5
610399.43	4206575.03	1831.11026	11.89	11.89	0	ANNUAL	AREA	5
610406.43	4206575.03	1866.2357	11.99	11.99	0	ANNUAL	AREA	5
610413.43	4206575.03	1902.49623	11.99	11.99	0	ANNUAL	AREA	5
610420.43	4206575.03	1939.47931	11.97	11.97	0	ANNUAL	AREA	5
610427.43	4206575.03	1976.99281	11.96	11.96	0	ANNUAL	AREA	5
610434.43	4206575.03	2015.11402	11.94	11.94	0	ANNUAL	AREA	5
610441.43	4206575.03	2053.80988	11.93	11.93	0	ANNUAL	AREA	5
610448.43	4206575.03	2093.07237	11.92	11.92	0	ANNUAL	AREA	5
610455.43	4206575.03	2133.03213	11.9	11.9	0	ANNUAL	AREA	5
610462.43	4206575.03	2173.62958	11.89	11.89	0	ANNUAL	AREA	5
610469.43	4206575.03	2214.93843	11.88	11.88	0	ANNUAL	AREA	5
610497.43	4206575.03	2389.1952	11.89	11.89	0	ANNUAL	AREA	5
610504.43	4206575.03	2435.6539	11.91	11.91	0	ANNUAL	AREA	5
610511.43	4206575.03	2483.70278	11.92	11.92	0	ANNUAL	AREA	5
610518.43	4206575.03	2533.46536	11.94	11.94	0	ANNUAL	AREA	5
610525.43	4206575.03	2585.32684	11.95	11.95	0	ANNUAL	AREA	5
610532.43	4206575.03	2639.53482	11.96	11.96	0	ANNUAL	AREA	5
610539.43	4206575.03	2696.36542	11.97	11.97	0	ANNUAL	AREA	5
610546.43	4206575.03	2756.11976	11.99	11.99	0	ANNUAL	AREA	5
610553.43	4206575.03	2819.24283	12	12	0	ANNUAL	AREA	5
610560.43	4206575.03	2886.99397	11.92	11.92	0	ANNUAL	AREA	5
610567.43	4206575.03	2959.18401	11.83	11.83	0	ANNUAL	AREA	5
610574.43	4206575.03	3035.77942	11.75	11.75	0	ANNUAL	AREA	5
610581.43	4206575.03	3117.3392	11.67	11.67	0	ANNUAL	AREA	5
610588.43	4206575.03	3204.23208	11.58	11.58	0	ANNUAL	AREA	5
610595.43	4206575.03	3296.39479	11.5	11.5	0	ANNUAL	AREA	5
610602.43	4206575.03	3394.34083	11.41	11.41	0	ANNUAL	AREA	5
610609.43	4206575.03	3497.64828	11.33	11.33	0	ANNUAL	AREA	5
610616.43	4206575.03	3606.78701	11.24	11.24	0	ANNUAL	AREA	5
610623.43	4206575.03	3721.3225	11.16	11.16	0	ANNUAL	AREA	5
610630.43	4206575.03	3841.83565	11.06	11.06	0	ANNUAL	AREA	5
610637.43	4206575.03	3967.85443	10.95	10.95	0	ANNUAL	AREA	5
610644.43	4206575.03	4098.59926	10.85	10.85	0	ANNUAL	AREA	5
610651.43	4206575.03	4234.35254	10.74	10.74	0	ANNUAL	AREA	5
610658.43	4206575.03	4374.59228	10.63	10.63	0	ANNUAL	AREA	5
610665.43	4206575.03	4519.00707	10.52	10.52	0	ANNUAL	AREA	5
610672.43	4206575.03	4666.83339	10.42	10.42	0	ANNUAL	AREA	5
610679.43	4206575.03	4819.09362	10.31	10.31	0	ANNUAL	AREA	5
610686.43	4206575.03	4975.31074	10.2	10.2	0	ANNUAL	AREA	5
610693.43	4206575.03	5134.58501	10.1	10.1	0	ANNUAL	AREA	5
610700.43	4206575.03	5290.49163	10	10	0	ANNUAL	AREA	5
610707.43	4206575.03	5447.2178	10	10	0	ANNUAL	AREA	5
610714.43	4206575.03	5606.46577	10	10	0	ANNUAL	AREA	5
610735.43	4206575.03	6102.02282	10	10	0	ANNUAL	AREA	5
610742.43	4206575.03	6274.24398	10	10	0	ANNUAL	AREA	5
610749.43	4206575.03	6450.69035	10	10	0	ANNUAL	AREA	5
610756.43	4206575.03	6631.88284	10	10	0	ANNUAL	AREA	5
610763.43	4206575.03	6818.34228	10	10	0	ANNUAL	AREA	5
610770.43	4206575.03	7010.55225	10	10	0	ANNUAL	AREA	5
610777.43	4206575.03	7208.88977	9.94	9.94	0	ANNUAL	AREA	5
610784.43	4206575.03	7413.89273	9.84	9.84	0	ANNUAL	AREA	5
610791.43	4206575.03	7625.63659	9.75	9.75	0	ANNUAL	AREA	5
610798.43	4206575.03	7844.40437	9.65	9.65	0	ANNUAL	AREA	5
610805.43	4206575.03	8070.16375	9.56	9.56	0	ANNUAL	AREA	5
610812.43	4206575.03	8302.71976	9.46	9.46	0	ANNUAL	AREA	5
610819.43	4206575.03	8541.94042	9.37	9.37	0	ANNUAL	AREA	5
610826.43	4206575.03	8787.37844	9.27	9.27	0	ANNUAL	AREA	5
610833.43	4206575.03	9038.51709	9.17	9.17	0	ANNUAL	AREA	5
610840.43	4206575.03	9294.70093	9.08	9.08	0	ANNUAL	AREA	5
610847.43	4206575.03	9554.97529	8.98	8.98	0	ANNUAL	AREA	5
610854.43	4206575.03	9818.53957	8.9	8.9	0	ANNUAL	AREA	5
610861.43	4206575.03	10084.30479	8.81	8.81	0	ANNUAL	AREA	5
610868.43	4206575.03	10351.07659	8.72	8.72	0	ANNUAL	AREA	5
610875.43	4206575.03	10617.80179	8.63	8.63	0	ANNUAL	AREA	5
610882.43	4206575.03	10881.42262	8.55	8.55	0	ANNUAL	AREA	5
610889.43	4206575.03	11146.49055	8.46	8.46	0	ANNUAL	AREA	5
610910.43	4206575.03	11908.87997	8.19	8.19	0	ANNUAL	AREA	5
610917.43	4206575.03	12150.48246	8.1	8.1	0	ANNUAL	AREA	5
610924.43	4206575.03	12384.65917	8.07	8.07	0	ANNUAL	AREA	5
610931.43	4206575.03	12610.23044	8.06	8.06	0	ANNUAL	AREA	5
610938.43	4206575.03	12826.11748	8.05	8.05	0	ANNUAL	AREA	5
610945.43	4206575.03	13031.9248	8.05	8.05	0	ANNUAL	AREA	5
610952.43	4206575.03	13226.67929	8.04	8.04	0	ANNUAL	AREA	5
610959.43	4206575.03	13410.11245	8.03	8.03	0	ANNUAL	AREA	5
610966.43	4206575.03	13581.74763	8.02	8.02	0	ANNUAL	AREA	5
610973.43	4206575.03	13741.48342	8.02	8.02	0	ANNUAL	AREA	5
610994.43	4206575.03	14146.0835	8	8	0	ANNUAL	AREA	5
611001.43	4206575.03	14256.00082	7.99	7.99	0	ANNUAL	AREA	5
611008.43	4206575.03	14353.50706	7.99	7.99	0	ANNUAL	AREA	5
611015.43	4206575.03	14438.69545	7.98	7.98	0	ANNUAL	AREA	5
611022.43	4206575.03	14511.76339	7.97	7.97	0	ANNUAL	AREA	5
611029.43	4206575.03	14572.97969	7.97	7.97	0	ANNUAL	AREA	5
611036.43	4206575.03	14622.50141	7.96	7.96	0	ANNUAL	AREA	5
611043.43	4206575.03	14660.7921	7.96	7.96	0	ANNUAL	AREA	5
611050.43	4206575.03	14687.9079	7.95	7.95	0	ANNUAL	AREA	5
611057.43	4206575.03	14704.48331	7.95	7.95	0	ANNUAL	AREA	5
611078.43	4206575.03	14693.72929	7.95	7.95	0	ANNUAL	AREA	5
611085.43	4206575.03	14671.26314	7.95	7.95	0	ANNUAL	AREA	5
611092.43	4206575.03	14640.07257	7.95	7.95	0	ANNUAL	AREA	5
610294.43	4206582.03	1357.74217	10.46	10.46	0	ANNUAL	AREA	5
610301.43	4206582.03	1382.18603	10.56	10.56	0	ANNUAL	AREA	5
610308.43	4206582.03	1407.28916	10.65	10.65	0	ANNUAL	AREA	5
610315.43	4206582.03	1432.93599	10.75	10.75	0	ANNUAL	AREA	5
610322.43	4206582.03	1459.29855	10.84	10.84	0	ANNUAL	AREA	5
610329.43	4206582.03	1486.17531	10.94	10.94	0	ANNUAL	AREA	5
610336.43	4206582.03	1513.72417	11.04	11.04	0	ANNUAL	AREA	5
610343.43	4206582.03	1541.96596	11.13	11.13	0	ANNUAL	AREA	5
610350.43	4206582.03	1570.73833	11.23	11.23	0	ANNUAL	AREA	5
610357.43	4206582.03	1600.22487	11.32	11.32	0	ANNUAL	AREA	5
610364.43	4206582.03	1630.29358	11.42	11.42	0	ANNUAL	AREA	5
610371.43	4206582.03	1661.00444	11.51	11.51	0	ANNUAL	AREA	5
610378.43	4206582.03	1692.29498	11.61	11.61	0	ANNUAL	AREA	5
610385.43	4206582.03	1724.23758	11.7	11.7	0	ANNUAL	AREA	5
610392.43	4206582.03	1756.72861	11.8	11.8	0	ANNUAL	AREA	5
610399.43	4206582.03	1789.78384	11.9	11.9	0	ANNUAL	AREA	5
610406.43	4206582.03	1823.45724	11.99	11.99	0	ANNUAL	AREA	5
610413.43	4206582.03	1858.19492	11.98	11.98	0	ANNUAL	AREA	5
610420.43	4206582.03	1893.49098	11.96	11.96	0	ANNUAL	AREA	5
610427.43	4206582.03	1929.27667	11.94	11.94	0	ANNUAL	AREA	5
610434.43	4206582.03	1965.64634	11.92	11.92	0	ANNUAL	AREA	5
610441.43	4206582.03	2002.49149	11.9	11.9	0	ANNUAL	AREA	5
610448.43	4206582.03	2039.92626	11.87	11.87	0	ANNUAL	AREA	5
610455.43	4206582.03	2077.91533	11.85	11.85	0	ANNUAL	AREA	5
610462.43	4206582.03	2116.49994	11.83	11.83	0	ANNUAL	AREA	5
610469.43	4206582.03	2155.78503	11.81	11.81	0	ANNUAL	AREA	5
610497.43	4206582.03	2321.24167	11.84	11.84	0	ANNUAL	AREA	5
610504.43	4206582.03	2365.38352	11.86	11.86	0	ANNUAL	AREA	5
610511.43	4206582.03	2411.0738	11.88	11.88	0	ANNUAL	AREA	5
610518.43	4206582.03	2458.46477	11.9	11.9	0	ANNUAL	AREA	5
610525.43	4206582.03	2507.82969	11.92	11.92	0	ANNUAL	AREA	5
610532.43	4206582.03	2559.44164	11.94	11.94	0	ANNUAL	AREA	5
610539.43	4206582.03	2613.5884	11.96	11.96	0	ANNUAL	AREA	5
610546.43	4206582.03	2670.5812	11.98	11.98	0	ANNUAL	AREA	5
610553.43	4206582.03	2730.80487	12	12	0	ANNUAL	AREA	5
610560.43	4206582.03	2795.50679	11.92	11.92	0	ANNUAL	AREA	5
610567.43	4206582.03	2864.19507	11.85	11.85	0	ANNUAL	AREA	5
610574.43	4206582.03	2937.34928	11.77	11.77	0	ANNUAL	AREA	5
610581.43	4206582.03	3015.17189	11.69	11.69	0	ANNUAL	AREA	5
610588.43	4206582.03	3097.74699	11.62	11.62	0	ANNUAL	AREA	5
610595.43	4206582.03	3185.5354	11.54	11.54	0	ANNUAL	AREA	5
610602.43	4206582.03	3278.54455	11.46	11.46	0	ANNUAL	AREA	5
610609.43	4206582.03	3376.56581	11.39	11.39	0	ANNUAL	AREA	5
610616.43	4206582.03	3479.92962	11.31	11.31	0	ANNUAL	AREA	5
610623.43	4206582.03	3588.54763	11.23	11.23	0	ANNUAL	AREA	5
610630.43	4206582.03	3702.71883	11.13	11.13	0	ANNUAL	AREA	5
610637.43	4206582.03	3822.09669	11.02	11.02	0	ANNUAL	AREA	5
610644.43	4206582.03	3946.3507	10.9	10.9	0	ANNUAL	AREA	5
610651.43	4206582.03	4074.57992	10.79	10.79	0	ANNUAL	AREA	5
610658.43	4206582.03	4207.27245	10.67	10.67	0	ANNUAL	AREA	5
610665.43	4206582.03	4343.33125	10.56	10.56	0	ANNUAL	AREA	5
610672.43	4206582.03	4483.45185	10.44	10.44	0	ANNUAL	AREA	5
610679.43	4206582.03	4626.51548	10.33	10.33	0	ANNUAL	AREA	5
610686.43	4206582.03	4773.04818	10.22	10.22	0	ANNUAL	AREA	5
610693.43	4206582.03	4923.67816	10.1	10.1	0	ANNUAL	AREA	5
610700.43	4206582.03	5069.52622	10	10	0	ANNUAL	AREA	5
610707.43	4206582.03	5215.88126	10	10	0	ANNUAL	AREA	5
610714.43	4206582.03	5364.32306	10	10	0	ANNUAL	AREA	5
610735.43	4206582.03	5824.48193	10	10	0	ANNUAL	AREA	5

610742.43	4206582.03	5983.85295	10	10	0	ANNUAL	AREA	S
610749.43	4206582.03	6146.90267	10	10	0	ANNUAL	AREA	S
610756.43	4206582.03	6314.12116	10	10	0	ANNUAL	AREA	S
610763.43	4206582.03	6485.99568	10	10	0	ANNUAL	AREA	S
610770.43	4206582.03	6663.03942	10	10	0	ANNUAL	AREA	S
610777.43	4206582.03	6845.64631	9.94	9.94	0	ANNUAL	AREA	S
610784.43	4206582.03	7034.30378	9.84	9.84	0	ANNUAL	AREA	S
610791.43	4206582.03	7229.27222	9.75	9.75	0	ANNUAL	AREA	S
610798.43	4206582.03	7430.81061	9.65	9.65	0	ANNUAL	AREA	S
610805.43	4206582.03	7638.99934	9.56	9.56	0	ANNUAL	AREA	S
610812.43	4206582.03	7853.77608	9.46	9.46	0	ANNUAL	AREA	S
610819.43	4206582.03	8074.96361	9.36	9.36	0	ANNUAL	AREA	S
610826.43	4206582.03	8302.3337	9.27	9.27	0	ANNUAL	AREA	S
610833.43	4206582.03	8535.44623	9.17	9.17	0	ANNUAL	AREA	S
610840.43	4206582.03	8773.8149	9.08	9.08	0	ANNUAL	AREA	S
610847.43	4206582.03	9016.70574	8.98	8.98	0	ANNUAL	AREA	S
610854.43	4206582.03	9263.39539	8.9	8.9	0	ANNUAL	AREA	S
610861.43	4206582.03	9512.85036	8.82	8.82	0	ANNUAL	AREA	S
610868.43	4206582.03	9764.17923	8.74	8.74	0	ANNUAL	AREA	S
610875.43	4206582.03	10016.32753	8.66	8.66	0	ANNUAL	AREA	S
610882.43	4206582.03	10268.18369	8.58	8.58	0	ANNUAL	AREA	S
610889.43	4206582.03	10518.63215	8.5	8.5	0	ANNUAL	AREA	S
610910.43	4206582.03	11251.02748	8.26	8.26	0	ANNUAL	AREA	S
610917.43	4206582.03	11485.0844	8.17	8.17	0	ANNUAL	AREA	S
610924.43	4206582.03	11713.11054	8.14	8.14	0	ANNUAL	AREA	S
610931.43	4206582.03	11933.7798	8.13	8.13	0	ANNUAL	AREA	S
610938.43	4206582.03	12146.23981	8.11	8.11	0	ANNUAL	AREA	S
610945.43	4206582.03	12349.86617	8.1	8.1	0	ANNUAL	AREA	S
610952.43	4206582.03	12543.82643	8.08	8.08	0	ANNUAL	AREA	S
610959.43	4206582.03	12727.82964	8.07	8.07	0	ANNUAL	AREA	S
610966.43	4206582.03	12901.18669	8.05	8.05	0	ANNUAL	AREA	S
610973.43	4206582.03	13063.75591	8.04	8.04	0	ANNUAL	AREA	S
610994.43	4206582.03	13483.54276	8	8	0	ANNUAL	AREA	S
611001.43	4206582.03	13600.37256	7.98	7.98	0	ANNUAL	AREA	S
611008.43	4206582.03	13705.70877	7.97	7.97	0	ANNUAL	AREA	S
611015.43	4206582.03	13799.54436	7.96	7.96	0	ANNUAL	AREA	S
611022.43	4206582.03	13881.8884	7.94	7.94	0	ANNUAL	AREA	S
611029.43	4206582.03	13953.03488	7.93	7.93	0	ANNUAL	AREA	S
611036.43	4206582.03	14013.12711	7.92	7.92	0	ANNUAL	AREA	S
611043.43	4206582.03	14062.32886	7.91	7.91	0	ANNUAL	AREA	S
611050.43	4206582.03	14100.94251	7.89	7.89	0	ANNUAL	AREA	S
611057.43	4206582.03	14129.37046	7.88	7.88	0	ANNUAL	AREA	S
611078.43	4206582.03	14155.93998	7.87	7.87	0	ANNUAL	AREA	S
611085.43	4206582.03	14146.36432	7.87	7.87	0	ANNUAL	AREA	S
611092.43	4206582.03	14128.24683	7.87	7.87	0	ANNUAL	AREA	S
610294.43	4206589.03	1332.76106	10.46	10.46	0	ANNUAL	AREA	S
610301.43	4206589.03	1356.49112	10.56	10.56	0	ANNUAL	AREA	S
610308.43	4206589.03	1380.89019	10.65	10.65	0	ANNUAL	AREA	S
610315.43	4206589.03	1405.78024	10.75	10.75	0	ANNUAL	AREA	S
610322.43	4206589.03	1431.25255	10.85	10.85	0	ANNUAL	AREA	S
610329.43	4206589.03	1457.3883	10.94	10.94	0	ANNUAL	AREA	S
610336.43	4206589.03	1484.0424	11.04	11.04	0	ANNUAL	AREA	S
610343.43	4206589.03	1511.32731	11.13	11.13	0	ANNUAL	AREA	S
610350.43	4206589.03	1539.14	11.23	11.23	0	ANNUAL	AREA	S
610357.43	4206589.03	1567.61021	11.32	11.32	0	ANNUAL	AREA	S
610364.43	4206589.03	1596.53957	11.42	11.42	0	ANNUAL	AREA	S
610371.43	4206589.03	1626.14993	11.51	11.51	0	ANNUAL	AREA	S
610378.43	4206589.03	1656.23356	11.61	11.61	0	ANNUAL	AREA	S
610385.43	4206589.03	1686.86898	11.71	11.71	0	ANNUAL	AREA	S
610392.43	4206589.03	1718.07823	11.8	11.8	0	ANNUAL	AREA	S
610399.43	4206589.03	1749.76912	11.9	11.9	0	ANNUAL	AREA	S
610406.43	4206589.03	1782.00898	11.99	11.99	0	ANNUAL	AREA	S
610413.43	4206589.03	1815.26043	11.97	11.97	0	ANNUAL	AREA	S
610420.43	4206589.03	1848.97493	11.94	11.94	0	ANNUAL	AREA	S
610427.43	4206589.03	1883.14953	11.92	11.92	0	ANNUAL	AREA	S
610434.43	4206589.03	1917.78306	11.89	11.89	0	ANNUAL	AREA	S
610441.43	4206589.03	1952.91108	11.86	11.86	0	ANNUAL	AREA	S
610448.43	4206589.03	1988.52344	11.83	11.83	0	ANNUAL	AREA	S
610455.43	4206589.03	2024.64226	11.8	11.8	0	ANNUAL	AREA	S
610462.43	4206589.03	2061.31933	11.78	11.78	0	ANNUAL	AREA	S
610469.43	4206589.03	2098.6761	11.75	11.75	0	ANNUAL	AREA	S
610497.43	4206589.03	2255.94668	11.78	11.78	0	ANNUAL	AREA	S
610504.43	4206589.03	2297.9692	11.81	11.81	0	ANNUAL	AREA	S
610511.43	4206589.03	2341.42846	11.84	11.84	0	ANNUAL	AREA	S
610518.43	4206589.03	2386.60899	11.86	11.86	0	ANNUAL	AREA	S
610525.43	4206589.03	2433.64874	11.89	11.89	0	ANNUAL	AREA	S
610532.43	4206589.03	2482.82955	11.92	11.92	0	ANNUAL	AREA	S
610539.43	4206589.03	2534.51195	11.95	11.95	0	ANNUAL	AREA	S
610546.43	4206589.03	2588.95446	11.97	11.97	0	ANNUAL	AREA	S
610553.43	4206589.03	2646.39833	12	12	0	ANNUAL	AREA	S
610560.43	4206589.03	2708.19707	11.93	11.93	0	ANNUAL	AREA	S
610567.43	4206589.03	2773.86402	11.86	11.86	0	ANNUAL	AREA	S
610574.43	4206589.03	2843.63128	11.79	11.79	0	ANNUAL	AREA	S
610581.43	4206589.03	2917.84617	11.72	11.72	0	ANNUAL	AREA	S
610588.43	4206589.03	2996.68522	11.65	11.65	0	ANNUAL	AREA	S
610595.43	4206589.03	3080.25354	11.58	11.58	0	ANNUAL	AREA	S
610602.43	4206589.03	3168.6875	11.51	11.51	0	ANNUAL	AREA	S
610609.43	4206589.03	3261.97453	11.44	11.44	0	ANNUAL	AREA	S
610616.43	4206589.03	3360.09228	11.37	11.37	0	ANNUAL	AREA	S
610623.43	4206589.03	3462.95959	11.3	11.3	0	ANNUAL	AREA	S
610630.43	4206589.03	3571.24278	11.2	11.2	0	ANNUAL	AREA	S
610637.43	4206589.03	3684.62125	11.08	11.08	0	ANNUAL	AREA	S
610644.43	4206589.03	3802.28877	10.96	10.96	0	ANNUAL	AREA	S
610651.43	4206589.03	3923.95819	10.84	10.84	0	ANNUAL	AREA	S
610658.43	4206589.03	4049.6977	10.71	10.71	0	ANNUAL	AREA	S
610665.43	4206589.03	4178.5291	10.59	10.59	0	ANNUAL	AREA	S
610672.43	4206589.03	4310.61086	10.47	10.47	0	ANNUAL	AREA	S
610679.43	4206589.03	4445.71366	10.35	10.35	0	ANNUAL	AREA	S
610686.43	4206589.03	4584.01525	10.23	10.23	0	ANNUAL	AREA	S
610693.43	4206589.03	4725.31543	10.11	10.11	0	ANNUAL	AREA	S
610700.43	4206589.03	4862.69901	10	10	0	ANNUAL	AREA	S
610707.43	4206589.03	4999.63087	10	10	0	ANNUAL	AREA	S
610714.43	4206589.03	5138.25152	10	10	0	ANNUAL	AREA	S
610735.43	4206589.03	5566.47608	10	10	0	ANNUAL	AREA	S
610742.43	4206589.03	5714.25161	10	10	0	ANNUAL	AREA	S
610749.43	4206589.03	5865.21085	10	10	0	ANNUAL	AREA	S
610756.43	4206589.03	6019.75321	10	10	0	ANNUAL	AREA	S
610763.43	4206589.03	6178.46502	10	10	0	ANNUAL	AREA	S
610770.43	4206589.03	6341.80189	10	10	0	ANNUAL	AREA	S
610777.43	4206589.03	6510.16852	9.94	9.94	0	ANNUAL	AREA	S
610784.43	4206589.03	6684.10299	9.84	9.84	0	ANNUAL	AREA	S
610791.43	4206589.03	6863.84853	9.75	9.75	0	ANNUAL	AREA	S
610798.43	4206589.03	7049.67685	9.65	9.65	0	ANNUAL	AREA	S
610805.43	4206589.03	7241.75033	9.55	9.55	0	ANNUAL	AREA	S
610812.43	4206589.03	7440.1595	9.46	9.46	0	ANNUAL	AREA	S
610819.43	4206589.03	7644.81299	9.36	9.36	0	ANNUAL	AREA	S
610826.43	4206589.03	7855.51835	9.27	9.27	0	ANNUAL	AREA	S
610833.43	4206589.03	8071.99567	9.17	9.17	0	ANNUAL	AREA	S
610840.43	4206589.03	8293.80828	9.08	9.08	0	ANNUAL	AREA	S
610847.43	4206589.03	8520.34829	8.99	8.99	0	ANNUAL	AREA	S
610854.43	4206589.03	8750.93603	8.91	8.91	0	ANNUAL	AREA	S
610861.43	4206589.03	8984.87507	8.84	8.84	0	ANNUAL	AREA	S
610868.43	4206589.03	9221.27997	8.77	8.77	0	ANNUAL	AREA	S
610875.43	4206589.03	9459.21529	8.69	8.69	0	ANNUAL	AREA	S
610882.43	4206589.03	9697.71617	8.62	8.62	0	ANNUAL	AREA	S
610889.43	4206589.03	9935.75144	8.54	8.54	0	ANNUAL	AREA	S
610910.43	4206589.03	10637.06891	8.32	8.32	0	ANNUAL	AREA	S
610917.43	4206589.03	10863.41484	8.25	8.25	0	ANNUAL	AREA	S
610924.43	4206589.03	11084.49721	8.21	8.21	0	ANNUAL	AREA	S
610931.43	4206589.03	11299.56728	8.19	8.19	0	ANNUAL	AREA	S
610938.43	4206589.03	11507.73173	8.17	8.17	0	ANNUAL	AREA	S
610945.43	4206589.03	11708.0716	8.14	8.14	0	ANNUAL	AREA	S
610952.43	4206589.03	11900.22229	8.12	8.12	0	ANNUAL	AREA	S
610959.43	4206589.03	12083.4271	8.1	8.1	0	ANNUAL	AREA	S
610966.43	4206589.03	12257.29854	8.08	8.08	0	ANNUAL	AREA	S
610973.43	4206589.03	12421.38427	8.06	8.06	0	ANNUAL	AREA	S
610994.43	4206589.03	12852.06558	7.99	7.99	0	ANNUAL	AREA	S
611001.43	4206589.03	12974.46209	7.97	7.97	0	ANNUAL	AREA	S
611008.43	4206589.03	13086.14862	7.95	7.95	0	ANNUAL	AREA	S
611015.43	4206589.03	13187.07849	7.93	7.93	0	ANNUAL	AREA	S
611022.43	4206589.03	13277.31765	7.91	7.91	0	ANNUAL	AREA	S
611029.43	4206589.03	13356.98835	7.89	7.89	0	ANNUAL	AREA	S
611036.43	4206589.03	13426.05154	7.87	7.87	0	ANNUAL	AREA	S
611043.43	4206589.03	13484.91918	7.85	7.85	0	ANNUAL	AREA	S
611050.43	4206589.03	13533.69188	7.83	7.83	0	ANNUAL	AREA	S
611057.43	4206589.03	13572.52153	7.82	7.82	0	ANNUAL	AREA	S
611078.43	4206589.03	13632.74314	7.8	7.8	0	ANNUAL	AREA	S
611085.43	4206589.03	13634.9565	7.8	7.8	0	ANNUAL	AREA	S
611092.43	4206589.03	13628.56549	7.8	7.8	0	ANNUAL	AREA	S
610294.43	4206596.03	1308.54675	10.46	10.46	0	ANNUAL	AREA	S
610301.43	4206596.03	1331.64204	10.56	10.56	0	ANNUAL	AREA	S
610308.43	4206596.03	1355.22491	10.66	10.66	0	ANNUAL	AREA	S
610315.43	4206596.03	1379.4619	10.75	10.75	0	ANNUAL	AREA	S
610322.43	4206596.03	1404.15748	10.85	10.85	0	ANNUAL	AREA	S
610329.43	4206596.03	1429.47261	10.94	10.94	0	ANNUAL	AREA	S
610336.43	4206596.03	1455.2362	11.04	11.04	0	ANNUAL	AREA	S
610343.43	4206596.03	1481.63498	11.13	11.13	0	ANNUAL	AREA	S
610350.43	4206596.03	1508.49507	11.23	11.23	0	ANNUAL	AREA	S
610357.43	4206596.03	1535.90787	11.32	11.32	0	ANNUAL	AREA	S
610364.43	4206596.03	1563.84393	11.42	11.42	0	ANNUAL	AREA	S
610371.43	4206596.03	1592.26616	11.52	11.52	0	ANNUAL	AREA	S
610378.43	4206596.03	1621.24043	11.61	11.61	0	ANNUAL	AREA	S
610385.43	4206596.03	1650.66585	11.71	11.71	0	ANNUAL	AREA	S
610392.43	4206596.03	1680.61997	11.8	11.8	0	ANNUAL	AREA	S
610399.43	4206596.03	1710.96057	11.9	11.9	0	ANNUAL	AREA	S
610406.43	4206596.03	1741.83276	11.99	11.99	0	ANNUAL	AREA	S
610413.43	4206596.03	1773.56854	11.97	11.97	0	ANNUAL	AREA	S
610420.43	4206596.03	1805.82373	11.93	11.93	0	ANNUAL	AREA	S
610427.43	4206596.03	1838.44747	11.89	11.89	0	ANNUAL	AREA	S
610434.43	4206596.03	1871.4781	11.86	11.86	0	ANNUAL	AREA	S
610441.43	4206596.03	1904.91891	11.82	11.82	0	ANNUAL	AREA	S
610448.43	4206596.03	1938.79169	11.79	11.79	0	ANNUAL	AREA	S
610455.43	4206596.03	1973.19204	11.75	11.75	0	ANNUAL	AREA	S
610462.43	4206596.03	2008.09695	11.72	11.72	0	ANNUAL	AREA	S
610469.43	4206596.03	2043.60947	11.68	11.68	0	ANNUAL	AREA	S
610497.43	4206596.03	2193.24282	11.72	11.72	0	ANNUAL	AREA	S
610504.43	4206596.03	2233.19641	11.76	11.76	0	ANNUAL	AREA	S
610511.43	4206596.03	2274.66553	11.79	11.79	0	ANNUAL	AREA	S
610518.43	4206596.03	2317.69538	11.83	11.83	0	ANNUAL	AREA	S
610525.43	4206596.03	2362.59472	11.86	11.86	0	ANNUAL	AREA	S
610532.43	4206596.03	2409.58438	11.9	11.9	0	ANNUAL	AREA	S
610539.43	4206596.03	2458.93532	11.93	11.93	0	ANNUAL	AREA	S
610546.43	4206596.03	2510.88695	11.97	11.97	0	ANNUAL	AREA	S
610553.43	4206596.03	2565.82579	12	12	0	ANNUAL	AREA	S
610560.43	4206596.03	2624.84515	11.94	11.94	0	ANNUAL	AREA	S
610567.43	4206596.03	2687.72591	11.87	11.87	0	ANNUAL	AREA	S
610574.43	4206596.03	2754.36664	11.81	11.81	0	ANNUAL	AREA	S
610581.43	4206596.03	2825.16887	11.75	11.75	0	ANNUAL	AREA	S
610588.43	4206596.03	2900.34534	11.69	11.69	0	ANNUAL	AREA	S
610595.43	4206596.03	2979.96103	11.63	11.63	0	ANNUAL	AREA	S
610602.43	4206596.03	3064.33808	11.56	11.56	0	ANNUAL	AREA	S
610609.43	4206596.03	3153.02624	11.5	11.5	0	ANNUAL	AREA	S
610616.43	4206596.03	3246.12861	11.44	11.44	0	ANNUAL	AREA	S
610623.43	4206596.03	3343.94714	11.37	11.37	0	ANNUAL	AREA	S
610630.43	4206596.03	3446.82833	11.27	11.27	0	ANNUAL	AREA	S
610637.43	4206596.03	3554.69709	11.14	11.14	0	ANNUAL	AREA	S

610644.43	4206596.03	3666.56456	11.01	11.01	0	ANNUAL	AREA	5
610651.43	4206596.03	3782.12563	10.88	10.88	0	ANNUAL	AREA	5
610658.43	4206596.03	3901.13483	10.75	10.75	0	ANNUAL	AREA	5
610665.43	4206596.03	4022.81237	10.63	10.63	0	ANNUAL	AREA	5
610672.43	4206596.03	4147.87709	10.5	10.5	0	ANNUAL	AREA	5
610679.43	4206596.03	4275.72395	10.37	10.37	0	ANNUAL	AREA	5
610686.43	4206596.03	4406.44281	10.24	10.24	0	ANNUAL	AREA	5
610693.43	4206596.03	4539.88641	10.11	10.11	0	ANNUAL	AREA	5
610700.43	4206596.03	4668.83935	10	10	0	ANNUAL	AREA	5
610707.43	4206596.03	4797.16768	10	10	0	ANNUAL	AREA	5
610714.43	4206596.03	4926.85389	10	10	0	ANNUAL	AREA	5
610735.43	4206596.03	5326.08454	10	10	0	ANNUAL	AREA	5
610742.43	4206596.03	5463.39313	10	10	0	ANNUAL	AREA	5
610749.43	4206596.03	5603.37275	10	10	0	ANNUAL	AREA	5
610756.43	4206596.03	5746.52417	10	10	0	ANNUAL	AREA	5
610763.43	4206596.03	5893.37255	10	10	0	ANNUAL	AREA	5
610770.43	4206596.03	6044.30098	10	10	0	ANNUAL	AREA	5
610777.43	4206596.03	6199.74164	9.94	9.94	0	ANNUAL	AREA	5
610784.43	4206596.03	6360.27287	9.84	9.84	0	ANNUAL	AREA	5
610791.43	4206596.03	6526.13981	9.74	9.74	0	ANNUAL	AREA	5
610798.43	4206596.03	6697.73878	9.65	9.65	0	ANNUAL	AREA	5
610805.43	4206596.03	6875.2007	9.55	9.55	0	ANNUAL	AREA	5
610812.43	4206596.03	7058.61894	9.46	9.46	0	ANNUAL	AREA	5
610819.43	4206596.03	7247.99658	9.36	9.36	0	ANNUAL	AREA	5
610826.43	4206596.03	7443.25283	9.27	9.27	0	ANNUAL	AREA	5
610833.43	4206596.03	7644.19716	9.17	9.17	0	ANNUAL	AREA	5
610840.43	4206596.03	7850.55287	9.08	9.08	0	ANNUAL	AREA	5
610847.43	4206596.03	8061.74923	8.99	8.99	0	ANNUAL	AREA	5
610854.43	4206596.03	8277.28258	8.92	8.92	0	ANNUAL	AREA	5
610861.43	4206596.03	8496.52373	8.85	8.85	0	ANNUAL	AREA	5
610868.43	4206596.03	8718.66075	8.79	8.79	0	ANNUAL	AREA	5
610875.43	4206596.03	8942.90388	8.72	8.72	0	ANNUAL	AREA	5
610882.43	4206596.03	9168.42969	8.66	8.66	0	ANNUAL	AREA	5
610889.43	4206596.03	9394.28842	8.59	8.59	0	ANNUAL	AREA	5
610910.43	4206596.03	10064.55892	8.39	8.39	0	ANNUAL	AREA	5
610917.43	4206596.03	10282.417	8.32	8.32	0	ANNUAL	AREA	5
610924.43	4206596.03	10496.24549	8.28	8.28	0	ANNUAL	AREA	5
610931.43	4206596.03	10705.04664	8.25	8.25	0	ANNUAL	AREA	5
610938.43	4206596.03	10908.05602	8.22	8.22	0	ANNUAL	AREA	5
610945.43	4206596.03	11104.47883	8.19	8.19	0	ANNUAL	AREA	5
610952.43	4206596.03	11293.75986	8.16	8.16	0	ANNUAL	AREA	5
610959.43	4206596.03	11475.29587	8.13	8.13	0	ANNUAL	AREA	5
610966.43	4206596.03	11648.49867	8.1	8.1	0	ANNUAL	AREA	5
610973.43	4206596.03	11813.11362	8.08	8.08	0	ANNUAL	AREA	5
610994.43	4206596.03	12250.87415	7.99	7.99	0	ANNUAL	AREA	5
611001.43	4206596.03	12377.55239	7.96	7.96	0	ANNUAL	AREA	5
611008.43	4206596.03	12494.26356	7.94	7.94	0	ANNUAL	AREA	5
611015.43	4206596.03	12600.96498	7.91	7.91	0	ANNUAL	AREA	5
611022.43	4206596.03	12697.74039	7.88	7.88	0	ANNUAL	AREA	5
611029.43	4206596.03	12784.45658	7.85	7.85	0	ANNUAL	AREA	5
611036.43	4206596.03	12861.4691	7.83	7.83	0	ANNUAL	AREA	5
611043.43	4206596.03	12928.58488	7.8	7.8	0	ANNUAL	AREA	5
611050.43	4206596.03	12986.07868	7.77	7.77	0	ANNUAL	AREA	5
611057.43	4206596.03	13034.30397	7.75	7.75	0	ANNUAL	AREA	5
611078.43	4206596.03	13124.44188	7.72	7.72	0	ANNUAL	AREA	5
611085.43	4206596.03	13137.15995	7.72	7.72	0	ANNUAL	AREA	5
611092.43	4206596.03	13141.74334	7.72	7.72	0	ANNUAL	AREA	5
610294.43	4206603.03	1285.04012	10.47	10.47	0	ANNUAL	AREA	5
610301.43	4206603.03	1307.50063	10.56	10.56	0	ANNUAL	AREA	5
610308.43	4206603.03	1330.44375	10.66	10.66	0	ANNUAL	AREA	5
610315.43	4206603.03	1353.93042	10.75	10.75	0	ANNUAL	AREA	5
610322.43	4206603.03	1377.87845	10.85	10.85	0	ANNUAL	AREA	5
610329.43	4206603.03	1402.35582	10.94	10.94	0	ANNUAL	AREA	5
610336.43	4206603.03	1427.31025	11.04	11.04	0	ANNUAL	AREA	5
610343.43	4206603.03	1452.80633	11.13	11.13	0	ANNUAL	AREA	5
610350.43	4206603.03	1478.71365	11.23	11.23	0	ANNUAL	AREA	5
610357.43	4206603.03	1505.14967	11.33	11.33	0	ANNUAL	AREA	5
610364.43	4206603.03	1532.09	11.42	11.42	0	ANNUAL	AREA	5
610371.43	4206603.03	1559.40841	11.52	11.52	0	ANNUAL	AREA	5
610378.43	4206603.03	1587.28273	11.61	11.61	0	ANNUAL	AREA	5
610385.43	4206603.03	1615.51879	11.71	11.71	0	ANNUAL	AREA	5
610392.43	4206603.03	1644.22685	11.8	11.8	0	ANNUAL	AREA	5
610399.43	4206603.03	1673.30685	11.9	11.9	0	ANNUAL	AREA	5
610406.43	4206603.03	1702.80478	12	12	0	ANNUAL	AREA	5
610413.43	4206603.03	1733.19927	11.96	11.96	0	ANNUAL	AREA	5
610420.43	4206603.03	1763.96297	11.92	11.92	0	ANNUAL	AREA	5
610427.43	4206603.03	1795.12679	11.87	11.87	0	ANNUAL	AREA	5
610434.43	4206603.03	1826.59702	11.83	11.83	0	ANNUAL	AREA	5
610441.43	4206603.03	1858.46518	11.79	11.79	0	ANNUAL	AREA	5
610448.43	4206603.03	1890.72982	11.74	11.74	0	ANNUAL	AREA	5
610455.43	4206603.03	1923.4516	11.7	11.7	0	ANNUAL	AREA	5
610462.43	4206603.03	1956.64863	11.66	11.66	0	ANNUAL	AREA	5
610469.43	4206603.03	1990.4793	11.62	11.62	0	ANNUAL	AREA	5
610497.43	4206603.03	2132.94047	11.66	11.66	0	ANNUAL	AREA	5
610504.43	4206603.03	2171.04259	11.71	11.71	0	ANNUAL	AREA	5
610511.43	4206603.03	2210.56446	11.75	11.75	0	ANNUAL	AREA	5
610518.43	4206603.03	2251.65711	11.79	11.79	0	ANNUAL	AREA	5
610525.43	4206603.03	2294.54796	11.83	11.83	0	ANNUAL	AREA	5
610532.43	4206603.03	2339.4123	11.88	11.88	0	ANNUAL	AREA	5
610539.43	4206603.03	2386.62202	11.92	11.92	0	ANNUAL	AREA	5
610546.43	4206603.03	2436.33831	11.96	11.96	0	ANNUAL	AREA	5
610553.43	4206603.03	2488.89427	12	12	0	ANNUAL	AREA	5
610560.43	4206603.03	2545.4478	11.94	11.94	0	ANNUAL	AREA	5
610567.43	4206603.03	2605.4276	11.89	11.89	0	ANNUAL	AREA	5
610574.43	4206603.03	2669.25834	11.83	11.83	0	ANNUAL	AREA	5
610581.43	4206603.03	2736.89299	11.78	11.78	0	ANNUAL	AREA	5
610588.43	4206603.03	2808.79565	11.72	11.72	0	ANNUAL	AREA	5
610595.43	4206603.03	2884.73524	11.67	11.67	0	ANNUAL	AREA	5
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610609.43	4206603.03	3049.52558	11.56	11.56	0	ANNUAL	AREA	5
610616.43	4206603.03	3138.25555	11.5	11.5	0	ANNUAL	AREA	5
610623.43	4206603.03	3230.91652	11.45	11.45	0	ANNUAL	AREA	5
610630.43	4206603.03	3328.96543	11.34	11.34	0	ANNUAL	AREA	5
610637.43	4206603.03	3431.68372	11.2	11.2	0	ANNUAL	AREA	5
610644.43	4206603.03	3537.89281	11.07	11.07	0	ANNUAL	AREA	5
610651.43	4206603.03	3647.73257	10.93	10.93	0	ANNUAL	AREA	5
610658.43	4206603.03	3760.84558	10.79	10.79	0	ANNUAL	AREA	5
610665.43	4206603.03	3876.36886	10.66	10.66	0	ANNUAL	AREA	5
610672.43	4206603.03	3994.98161	10.52	10.52	0	ANNUAL	AREA	5
610679.43	4206603.03	4115.65397	10.39	10.39	0	ANNUAL	AREA	5
610686.43	4206603.03	4239.35368	10.25	10.25	0	ANNUAL	AREA	5
610693.43	4206603.03	4364.9258	10.12	10.12	0	ANNUAL	AREA	5
610700.43	4206603.03	4486.79451	10	10	0	ANNUAL	AREA	5
610707.43	4206603.03	4607.28068	10	10	0	ANNUAL	AREA	5
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610735.43	4206603.03	5101.68879	10	10	0	ANNUAL	AREA	5
610742.43	4206603.03	5229.51358	10	10	0	ANNUAL	AREA	5
610749.43	4206603.03	5359.62359	10	10	0	ANNUAL	AREA	5
610756.43	4206603.03	5492.46103	10	10	0	ANNUAL	AREA	5
610763.43	4206603.03	5628.4678	10	10	0	ANNUAL	AREA	5
610770.43	4206603.03	5768.16428	10	10	0	ANNUAL	AREA	5
610777.43	4206603.03	5911.98642	9.93	9.93	0	ANNUAL	AREA	5
610784.43	4206603.03	6060.36882	9.84	9.84	0	ANNUAL	AREA	5
610791.43	4206603.03	6213.62508	9.74	9.74	0	ANNUAL	AREA	5
610798.43	4206603.03	6372.18231	9.65	9.65	0	ANNUAL	AREA	5
610805.43	4206603.03	6536.21712	9.55	9.55	0	ANNUAL	AREA	5
610812.43	4206603.03	6705.89093	9.46	9.46	0	ANNUAL	AREA	5
610819.43	4206603.03	6881.2732	9.36	9.36	0	ANNUAL	AREA	5
610826.43	4206603.03	7062.31356	9.27	9.27	0	ANNUAL	AREA	5
610833.43	4206603.03	7248.92997	9.17	9.17	0	ANNUAL	AREA	5
610840.43	4206603.03	7440.84803	9.07	9.07	0	ANNUAL	AREA	5
610847.43	4206603.03	7637.69138	8.99	8.99	0	ANNUAL	AREA	5
610854.43	4206603.03	7839.06644	8.93	8.93	0	ANNUAL	AREA	5
610861.43	4206603.03	8044.3718	8.87	8.87	0	ANNUAL	AREA	5
610868.43	4206603.03	8252.96607	8.81	8.81	0	ANNUAL	AREA	5
610875.43	4206603.03	8464.13766	8.75	8.75	0	ANNUAL	AREA	5
610882.43	4206603.03	8677.06561	8.69	8.69	0	ANNUAL	AREA	5
610889.43	4206603.03	8890.94659	8.63	8.63	0	ANNUAL	AREA	5
610910.43	4206603.03	9530.1892	8.45	8.45	0	ANNUAL	AREA	5
610917.43	4206603.03	9739.49674	8.39	8.39	0	ANNUAL	AREA	5
610924.43	4206603.03	9945.67953	8.35	8.35	0	ANNUAL	AREA	5
610931.43	4206603.03	10147.77667	8.31	8.31	0	ANNUAL	AREA	5
610938.43	4206603.03	10345.18416	8.28	8.28	0	ANNUAL	AREA	5
610945.43	4206603.03	10536.98591	8.24	8.24	0	ANNUAL	AREA	5
610952.43	4206603.03	10722.64976	8.2	8.2	0	ANNUAL	AREA	5
610959.43	4206603.03	10901.62495	8.17	8.17	0	ANNUAL	AREA	5
610966.43	4206603.03	11073.28703	8.13	8.13	0	ANNUAL	AREA	5
610973.43	4206603.03	11237.18843	8.1	8.1	0	ANNUAL	AREA	5
610994.43	4206603.03	11679.05835	7.99	7.99	0	ANNUAL	AREA	5
611001.43	4206603.03	11808.60766	7.95	7.95	0	ANNUAL	AREA	5
611008.43	4206603.03	11929.23547	7.92	7.92	0	ANNUAL	AREA	5
611015.43	4206603.03	12040.55498	7.88	7.88	0	ANNUAL	AREA	5
611022.43	4206603.03	12142.59906	7.85	7.85	0	ANNUAL	AREA	5
611029.43	4206603.03	12235.40525	7.82	7.82	0	ANNUAL	AREA	5
611036.43	4206603.03	12318.84243	7.78	7.78	0	ANNUAL	AREA	5
611043.43	4206603.03	12393.12705	7.75	7.75	0	ANNUAL	AREA	5
611050.43	4206603.03	12458.29433	7.71	7.71	0	ANNUAL	AREA	5
611057.43	4206603.03	12514.503	7.68	7.68	0	ANNUAL	AREA	5
611078.43	4206603.03	12631.29549	7.64	7.64	0	ANNUAL	AREA	5
611085.43	4206603.03	12653.61837	7.65	7.65	0	ANNUAL	AREA	5
611092.43	4206603.03	12667.9064	7.65	7.65	0	ANNUAL	AREA	5
610294.43	4206610.03	1262.26484	10.47	10.47	0	ANNUAL	AREA	5
610301.43	4206610.03	1284.11634	10.56	10.56	0	ANNUAL	AREA	5
610308.43	4206610.03	1306.35966	10.66	10.66	0	ANNUAL	AREA	5
610315.43	4206610.03	1329.14896	10.75	10.75	0	ANNUAL	AREA	5
610322.43	4206610.03	1352.33414	10.85	10.85	0	ANNUAL	AREA	5
610329.43	4206610.03	1376.05236	10.94	10.94	0	ANNUAL	AREA	5
610336.43	4206610.03	1400.16844	11.04	11.04	0	ANNUAL	AREA	5
610343.43	4206610.03	1424.72079	11.14	11.14	0	ANNUAL	AREA	5
610350.43	4206610.03	1449.82397	11.23	11.23	0	ANNUAL	AREA	5
610357.43	4206610.03	1475.28155	11.33	11.33	0	ANNUAL	AREA	5
610364.43	4206610.03	1501.18398	11.42	11.42	0	ANNUAL	AREA	5
610371.43	4206610.03	1527.52329	11.52	11.52	0	ANNUAL	AREA	5
610378.43	4206610.03	1554.26298	11.61	11.61	0	ANNUAL	AREA	5
610385.43	4206610.03	1581.36641	11.71	11.71	0	ANNUAL	AREA	5
610392.43	4206610.03	1608.8473	11.81	11.81	0	ANNUAL	AREA	5
610399.43	4206610.03	1636.75996	11.9	11.9	0	ANNUAL	AREA	5
610406.43	4206610.03	1664.94692	12	12	0	ANNUAL	AREA	5
610413.43	4206610.03	1694.01238	11.95	11.95	0	ANNUAL	AREA	5
610420.43	4206610.03	1723.42531	11.9	11.9	0	ANNUAL	AREA	5
610427.43	4206610.03	1753.10599	11.85	11.85	0	ANNUAL	AREA	5
610434.43	4206610.03	1783.10495	11.8	11.8	0	ANNUAL	AREA	5
610441.43	4206610.03	1813.48673	11.75	11.75	0	ANNUAL	AREA	5
610448.43	4206610.03	1844.20445	11.7	11.7	0	ANNUAL	AREA	5
610455.43	4206610.03	1875.35163	11.65	11.65	0	ANNUAL	AREA	5
610462.43	4206610.03	1906.99348	11.6	11.6	0	ANNUAL	AREA	5
610469.43	4206610.03	1939.12998	11.55	11.55	0	ANNUAL	AREA	5
610497.43	4206610.03	2074.88231	11.61	11.61	0	ANNUAL	AREA	5
610504.43	4206610.03	2111.28466	11.66	11.66	0	ANNUAL	AREA	5
610511.43	4206610.03	2149.0255	11.71	11.71	0	ANNUAL	AREA	5
610518.43	4206610.03	2188.27422	11.76	11.76	0	ANNUAL	AREA	5
610525.43	4206610.03	2229.27978	11.81	11.81	0	ANNUAL	AREA	5
610532.43	4206610.03	2272.23181	11.86	11.86	0	ANNUAL	AREA	5
610539.43	4206610.03	2317.39222	11.91	11.91	0	ANNUAL	AREA	5
610546.43	4206610.03	2365.05312	11.95	11.95	0	ANNUAL	AREA	5
610553.43	4206610.03	2415.31125	12	12	0	ANNUAL	AREA	5

610560.43	4206610.03	2469.46191	11.95	11.95	0	ANNUAL	AREA	5
610567.43	4206610.03	2527.00197	11.9	11.9	0	ANNUAL	AREA	5
610574.43	4206610.03	2587.93426	11.86	11.86	0	ANNUAL	AREA	5
610581.43	4206610.03	2652.74886	11.81	11.81	0	ANNUAL	AREA	5
610588.43	4206610.03	2721.40455	11.76	11.76	0	ANNUAL	AREA	5
610595.43	4206610.03	2794.056	11.71	11.71	0	ANNUAL	AREA	5
610602.43	4206610.03	2870.76492	11.66	11.66	0	ANNUAL	AREA	5
610609.43	4206610.03	2951.35234	11.61	11.61	0	ANNUAL	AREA	5
610616.43	4206610.03	3035.59375	11.57	11.57	0	ANNUAL	AREA	5
610623.43	4206610.03	3123.89356	11.52	11.52	0	ANNUAL	AREA	5
610630.43	4206610.03	3217.2346	11.41	11.41	0	ANNUAL	AREA	5
610637.43	4206610.03	3314.87968	11.27	11.27	0	ANNUAL	AREA	5
610644.43	4206610.03	3416.33165	11.12	11.12	0	ANNUAL	AREA	5
610651.43	4206610.03	3520.63566	10.98	10.98	0	ANNUAL	AREA	5
610658.43	4206610.03	3627.84253	10.84	10.84	0	ANNUAL	AREA	5
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610672.43	4206610.03	3850.22313	10.55	10.55	0	ANNUAL	AREA	5
610679.43	4206610.03	3964.71242	10.41	10.41	0	ANNUAL	AREA	5
610686.43	4206610.03	4081.95408	10.26	10.26	0	ANNUAL	AREA	5
610693.43	4206610.03	4200.86972	10.12	10.12	0	ANNUAL	AREA	5
610700.43	4206610.03	4315.63193	10	10	0	ANNUAL	AREA	5
610707.43	4206610.03	4428.92742	10	10	0	ANNUAL	AREA	5
610714.43	4206610.03	4543.06217	10	10	0	ANNUAL	AREA	5
610735.43	4206610.03	4891.92519	10	10	0	ANNUAL	AREA	5
610742.43	4206610.03	5011.11488	10	10	0	ANNUAL	AREA	5
610749.43	4206610.03	5132.22835	10	10	0	ANNUAL	AREA	5
610756.43	4206610.03	5255.64914	10	10	0	ANNUAL	AREA	5
610763.43	4206610.03	5381.93158	10	10	0	ANNUAL	AREA	5
610770.43	4206610.03	5511.47989	10	10	0	ANNUAL	AREA	5
610777.43	4206610.03	5644.64605	9.93	9.93	0	ANNUAL	AREA	5
610784.43	4206610.03	5781.95794	9.84	9.84	0	ANNUAL	AREA	5
610791.43	4206610.03	5923.76002	9.74	9.74	0	ANNUAL	AREA	5
610798.43	4206610.03	6070.51168	9.65	9.65	0	ANNUAL	AREA	5
610805.43	4206610.03	6222.28264	9.55	9.55	0	ANNUAL	AREA	5
610812.43	4206610.03	6379.37598	9.46	9.46	0	ANNUAL	AREA	5
610819.43	4206610.03	6541.85973	9.36	9.36	0	ANNUAL	AREA	5
610826.43	4206610.03	6709.78768	9.26	9.26	0	ANNUAL	AREA	5
610833.43	4206610.03	6883.11169	9.17	9.17	0	ANNUAL	AREA	5
610840.43	4206610.03	7061.66978	9.07	9.07	0	ANNUAL	AREA	5
610847.43	4206610.03	7245.1531	8.99	8.99	0	ANNUAL	AREA	5
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610861.43	4206610.03	7625.37139	8.88	8.88	0	ANNUAL	AREA	5
610868.43	4206610.03	7821.03428	8.83	8.83	0	ANNUAL	AREA	5
610875.43	4206610.03	8019.63904	8.78	8.78	0	ANNUAL	AREA	5
610882.43	4206610.03	8220.50655	8.73	8.73	0	ANNUAL	AREA	5
610889.43	4206610.03	8422.95587	8.68	8.68	0	ANNUAL	AREA	5
610910.43	4206610.03	9031.5002	8.52	8.52	0	ANNUAL	AREA	5
610917.43	4206610.03	9232.18073	8.47	8.47	0	ANNUAL	AREA	5
610924.43	4206610.03	9430.40357	8.42	8.42	0	ANNUAL	AREA	5
610931.43	4206610.03	9625.56925	8.38	8.38	0	ANNUAL	AREA	5
610938.43	4206610.03	9816.79443	8.33	8.33	0	ANNUAL	AREA	5
610945.43	4206610.03	10003.48068	8.29	8.29	0	ANNUAL	AREA	5
610952.43	4206610.03	10184.92735	8.24	8.24	0	ANNUAL	AREA	5
610959.43	4206610.03	10360.58896	8.2	8.2	0	ANNUAL	AREA	5
610966.43	4206610.03	10529.92046	8.16	8.16	0	ANNUAL	AREA	5
610973.43	4206610.03	10692.47336	8.11	8.11	0	ANNUAL	AREA	5
610994.43	4206610.03	11135.34944	7.99	7.99	0	ANNUAL	AREA	5
611001.43	4206610.03	11267.00137	7.94	7.94	0	ANNUAL	AREA	5
611008.43	4206610.03	11390.36035	7.9	7.9	0	ANNUAL	AREA	5
611015.43	4206610.03	11505.20986	7.86	7.86	0	ANNUAL	AREA	5
611022.43	4206610.03	11611.49886	7.82	7.82	0	ANNUAL	AREA	5
611029.43	4206610.03	11709.1126	7.78	7.78	0	ANNUAL	AREA	5
611036.43	4206610.03	11797.98093	7.73	7.73	0	ANNUAL	AREA	5
611043.43	4206610.03	11878.36909	7.69	7.69	0	ANNUAL	AREA	5
611050.43	4206610.03	11950.00846	7.65	7.65	0	ANNUAL	AREA	5
611057.43	4206610.03	12013.2279	7.61	7.61	0	ANNUAL	AREA	5
611078.43	4206610.03	12153.58691	7.57	7.57	0	ANNUAL	AREA	5
611085.43	4206610.03	12184.39378	7.57	7.57	0	ANNUAL	AREA	5
611092.43	4206610.03	12207.42992	7.57	7.57	0	ANNUAL	AREA	5
610294.43	4206617.03	1240.16739	10.47	10.47	0	ANNUAL	AREA	5
610301.43	4206617.03	1261.38432	10.56	10.56	0	ANNUAL	AREA	5
610308.43	4206617.03	1282.96466	10.66	10.66	0	ANNUAL	AREA	5
610315.43	4206617.03	1305.05788	10.75	10.75	0	ANNUAL	AREA	5
610322.43	4206617.03	1327.51349	10.85	10.85	0	ANNUAL	AREA	5
610329.43	4206617.03	1350.40421	10.95	10.95	0	ANNUAL	AREA	5
610336.43	4206617.03	1373.76581	11.04	11.04	0	ANNUAL	AREA	5
610343.43	4206617.03	1397.5084	11.14	11.14	0	ANNUAL	AREA	5
610350.43	4206617.03	1421.67244	11.23	11.23	0	ANNUAL	AREA	5
610357.43	4206617.03	1446.2018	11.33	11.33	0	ANNUAL	AREA	5
610364.43	4206617.03	1471.18237	11.42	11.42	0	ANNUAL	AREA	5
610371.43	4206617.03	1496.47376	11.52	11.52	0	ANNUAL	AREA	5
610378.43	4206617.03	1522.12483	11.62	11.62	0	ANNUAL	AREA	5
610385.43	4206617.03	1548.17363	11.71	11.71	0	ANNUAL	AREA	5
610392.43	4206617.03	1574.52772	11.81	11.81	0	ANNUAL	AREA	5
610399.43	4206617.03	1601.21158	11.9	11.9	0	ANNUAL	AREA	5
610406.43	4206617.03	1628.19034	12	12	0	ANNUAL	AREA	5
610413.43	4206617.03	1655.98898	11.94	11.94	0	ANNUAL	AREA	5
610420.43	4206617.03	1684.02369	11.89	11.89	0	ANNUAL	AREA	5
610427.43	4206617.03	1712.34627	11.83	11.83	0	ANNUAL	AREA	5
610434.43	4206617.03	1741.00437	11.77	11.77	0	ANNUAL	AREA	5
610441.43	4206617.03	1769.89833	11.71	11.71	0	ANNUAL	AREA	5
610448.43	4206617.03	1799.16823	11.66	11.66	0	ANNUAL	AREA	5
610455.43	4206617.03	1828.85303	11.6	11.6	0	ANNUAL	AREA	5
610462.43	4206617.03	1858.97708	11.54	11.54	0	ANNUAL	AREA	5
610469.43	4206617.03	1889.63748	11.49	11.49	0	ANNUAL	AREA	5
610497.43	4206617.03	2019.10563	11.55	11.55	0	ANNUAL	AREA	5
610504.43	4206617.03	2053.84867	11.61	11.61	0	ANNUAL	AREA	5
610511.43	4206617.03	2089.90148	11.67	11.67	0	ANNUAL	AREA	5
610518.43	4206617.03	2127.50458	11.72	11.72	0	ANNUAL	AREA	5
610525.43	4206617.03	2166.71279	11.78	11.78	0	ANNUAL	AREA	5
610532.43	4206617.03	2207.85789	11.84	11.84	0	ANNUAL	AREA	5
610539.43	4206617.03	2251.18535	11.89	11.89	0	ANNUAL	AREA	5
610546.43	4206617.03	2296.73223	11.95	11.95	0	ANNUAL	AREA	5
610553.43	4206617.03	2344.97355	12	12	0	ANNUAL	AREA	5
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610581.43	4206617.03	2572.44166	11.84	11.84	0	ANNUAL	AREA	5
610588.43	4206617.03	2638.10413	11.8	11.8	0	ANNUAL	AREA	5
610595.43	4206617.03	2707.69019	11.75	11.75	0	ANNUAL	AREA	5
610602.43	4206617.03	2780.87761	11.71	11.71	0	ANNUAL	AREA	5
610609.43	4206617.03	2857.7427	11.67	11.67	0	ANNUAL	AREA	5
610616.43	4206617.03	2938.17715	11.63	11.63	0	ANNUAL	AREA	5
610623.43	4206617.03	3022.22565	11.59	11.59	0	ANNUAL	AREA	5
610630.43	4206617.03	3111.1365	11.48	11.48	0	ANNUAL	AREA	5
610637.43	4206617.03	3204.39609	11.33	11.33	0	ANNUAL	AREA	5
610644.43	4206617.03	3300.82689	11.18	11.18	0	ANNUAL	AREA	5
610651.43	4206617.03	3400.24737	11.03	11.03	0	ANNUAL	AREA	5
610658.43	4206617.03	3502.31688	10.88	10.88	0	ANNUAL	AREA	5
610665.43	4206617.03	3606.80499	10.73	10.73	0	ANNUAL	AREA	5
610672.43	4206617.03	3713.89694	10.57	10.57	0	ANNUAL	AREA	5
610679.43	4206617.03	3822.66864	10.42	10.42	0	ANNUAL	AREA	5
610686.43	4206617.03	3933.48774	10.27	10.27	0	ANNUAL	AREA	5
610693.43	4206617.03	4046.26846	10.12	10.12	0	ANNUAL	AREA	5
610700.43	4206617.03	4154.48235	10	10	0	ANNUAL	AREA	5
610707.43	4206617.03	4261.16833	10	10	0	ANNUAL	AREA	5
610714.43	4206617.03	4368.47238	10	10	0	ANNUAL	AREA	5
610735.43	4206617.03	4695.39267	10	10	0	ANNUAL	AREA	5
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610749.43	4206617.03	4919.68467	10	10	0	ANNUAL	AREA	5
610756.43	4206617.03	5034.63938	10	10	0	ANNUAL	AREA	5
610763.43	4206617.03	5152.06889	10	10	0	ANNUAL	AREA	5
610770.43	4206617.03	5272.3236	10	10	0	ANNUAL	AREA	5
610777.43	4206617.03	5395.83697	9.93	9.93	0	ANNUAL	AREA	5
610784.43	4206617.03	5523.15097	9.84	9.84	0	ANNUAL	AREA	5
610791.43	4206617.03	5654.50052	9.74	9.74	0	ANNUAL	AREA	5
610798.43	4206617.03	5790.38657	9.65	9.65	0	ANNUAL	AREA	5
610805.43	4206617.03	5930.98109	9.55	9.55	0	ANNUAL	AREA	5
610812.43	4206617.03	6076.56825	9.45	9.45	0	ANNUAL	AREA	5
610819.43	4206617.03	6227.23563	9.36	9.36	0	ANNUAL	AREA	5
610826.43	4206617.03	6383.05076	9.26	9.26	0	ANNUAL	AREA	5
610833.43	4206617.03	6544.10236	9.17	9.17	0	ANNUAL	AREA	5
610840.43	4206617.03	6710.19079	9.07	9.07	0	ANNUAL	AREA	5
610847.43	4206617.03	6881.15797	8.99	8.99	0	ANNUAL	AREA	5
610854.43	4206617.03	7056.78513	8.94	8.94	0	ANNUAL	AREA	5
610861.43	4206617.03	7236.60566	8.9	8.9	0	ANNUAL	AREA	5
610868.43	4206617.03	7420.17633	8.86	8.86	0	ANNUAL	AREA	5
610875.43	4206617.03	7606.90424	8.81	8.81	0	ANNUAL	AREA	5
610882.43	4206617.03	7796.21027	8.77	8.77	0	ANNUAL	AREA	5
610889.43	4206617.03	7987.4502	8.72	8.72	0	ANNUAL	AREA	5
610910.43	4206617.03	8565.91326	8.59	8.59	0	ANNUAL	AREA	5
610917.43	4206617.03	8757.86708	8.54	8.54	0	ANNUAL	AREA	5
610924.43	4206617.03	8948.19429	8.49	8.49	0	ANNUAL	AREA	5
610931.43	4206617.03	9136.0889	8.44	8.44	0	ANNUAL	AREA	5
610938.43	4206617.03	9320.86208	8.39	8.39	0	ANNUAL	AREA	5
610945.43	4206617.03	9502.01725	8.34	8.34	0	ANNUAL	AREA	5
610952.43	4206617.03	9678.71806	8.28	8.28	0	ANNUAL	AREA	5
610959.43	4206617.03	9850.58504	8.23	8.23	0	ANNUAL	AREA	5
610966.43	4206617.03	10016.97722	8.18	8.18	0	ANNUAL	AREA	5
610973.43	4206617.03	10177.35498	8.13	8.13	0	ANNUAL	AREA	5
610994.43	4206617.03	10618.81236	7.98	7.98	0	ANNUAL	AREA	5
611001.43	4206617.03	10751.63974	7.93	7.93	0	ANNUAL	AREA	5
611008.43	4206617.03	10876.79213	7.88	7.88	0	ANNUAL	AREA	5
611015.43	4206617.03	10994.2458	7.83	7.83	0	ANNUAL	AREA	5
611022.43	4206617.03	11103.74518	7.79	7.79	0	ANNUAL	AREA	5
611029.43	4206617.03	11205.21392	7.74	7.74	0	ANNUAL	AREA	5
611036.43	4206617.03	11298.63858	7.69	7.69	0	ANNUAL	AREA	5
611043.43	4206617.03	11383.89699	7.64	7.64	0	ANNUAL	AREA	5
611050.43	4206617.03	11461.16377	7.59	7.59	0	ANNUAL	AREA	5
611057.43	4206617.03	11530.38944	7.54	7.54	0	ANNUAL	AREA	5
611078.43	4206617.03	11691.28345	7.49	7.49	0	ANNUAL	AREA	5
611085.43	4206617.03	11728.65516	7.49	7.49	0	ANNUAL	AREA	5
611092.43	4206617.03	11760.59183	7.49	7.49	0	ANNUAL	AREA	5
610047.65	4206286.3	1669.13837	9.92	9.92	0	ANNUAL	AREA	5
610039.73	4206286.73	1631.50572	9.85	9.85	0	ANNUAL	AREA	5
610043.53	4206284.3	1658.03588	9.92	9.92	0	ANNUAL	AREA	5
610039.41	4206281.55	1649.88163	9.89	9.89	0	ANNUAL	AREA	5
610047.33	4206280.92	1688.97156	9.98	9.98	0	ANNUAL	AREA	5
610056.94	4206274.55	1761.6126	10.09	10.09	0	ANNUAL	AREA	5
610016.6	4206276.59	1568.34672	9.65	9.65	0	ANNUAL	AREA	5
610010.58	4206276.91	1542.25637	9.56	9.56	0	ANNUAL	AREA	5
609990.09	4206276.91	1461.70271	9.28	9.28	0	ANNUAL	AREA	5
609997.17	4206277.12	1488.11098	9.37	9.37	0	ANNUAL	AREA	5
610003.29	4206276.8	1513.1878	9.46	9.46	0	ANNUAL	AREA	5
610016.87	4206272.41	1584.06048	9.76	9.76	0	ANNUAL	AREA	5
610010.86	4206272.72	1557.65023	9.68	9.68	0	ANNUAL	AREA	5
609990.37	4206272.72	1475.83562	9.4	9.4	0	ANNUAL	AREA	5
609997.44	4206272.93	1502.62638	9.49	9.49	0	ANNUAL	AREA	5
610003.57	4206272.62	1528.08873	9.58	9.58	0	ANNUAL	AREA	5
610016.77	4206267.65	1600.28161	9.88	9.88	0	ANNUAL	AREA	5
610010.75	4206267.97	1573.37895	9.8	9.8	0	ANNUAL	AREA	5
609990.26	4206267.97	1490.26013	9.54	9.54	0	ANNUAL	AREA	5
609997.34	4206268.18	1517.52085	9.63	9.63	0	ANNUAL	AREA	5
610003.46	4206267.87	1543.33672	9.71	9.71	0	ANNUAL	AREA	5
610053.21	4206274.91	1741.64056	10.08	10.08	0	ANNUAL	AREA	5
610060.84	4206274.45	1781.82639	10.09	10.09	0	ANNUAL	AREA	5

610056.81	4206270.86	1775.53476	10.16	10.16	0	ANNUAL	AREA	S
610053.08	4206271.22	1755.32311	10.15	10.15	0	ANNUAL	AREA	S
610060.71	4206270.76	1796.00141	10.16	10.16	0	ANNUAL	AREA	S
610056.43	4206267.19	1788.08746	10.23	10.23	0	ANNUAL	AREA	S
610052.7	4206267.55	1767.54287	10.23	10.23	0	ANNUAL	AREA	S
610060.33	4206267.1	1808.74253	10.23	10.23	0	ANNUAL	AREA	S
610056.05	4206263.23	1801.76497	10.31	10.31	0	ANNUAL	AREA	S
610052.32	4206263.59	1780.98717	10.31	10.31	0	ANNUAL	AREA	S
610059.95	4206263.13	1822.71088	10.31	10.31	0	ANNUAL	AREA	S
609925.72	4206285.31	1226.86227	9.58	9.58	0	ANNUAL	AREA	S
609918.48	4206285.06	1206.96078	9.67	9.67	0	ANNUAL	AREA	S
609939	4206285.67	1264.96789	9.41	9.41	0	ANNUAL	AREA	S
609932.14	4206285.33	1245.43393	9.5	9.5	0	ANNUAL	AREA	S
609926.48	4206290.44	1216.70997	9.53	9.53	0	ANNUAL	AREA	S
609919.24	4206290.19	1197.08654	9.62	9.62	0	ANNUAL	AREA	S
609939.76	4206290.8	1254.27546	9.37	9.37	0	ANNUAL	AREA	S
609932.9	4206290.46	1235.02737	9.46	9.46	0	ANNUAL	AREA	S
609921.43	4206281.32	1224.09698	9.66	9.66	0	ANNUAL	AREA	S
609920.74	4206293.38	1193.74995	9.57	9.57	0	ANNUAL	AREA	S
609896.52	4206280.85	1157.01364	10.02	10.02	0	ANNUAL	AREA	S
609903.36	4206280.73	1175.39771	9.9	9.9	0	ANNUAL	AREA	S
609887.95	4206283.34	1128.92141	10.22	10.22	0	ANNUAL	AREA	S
609887.82	4206278	1139.29956	10.29	10.29	0	ANNUAL	AREA	S
609913.97	4206339.55	1071.04873	9.25	9.25	0	ANNUAL	AREA	S
609908.27	4206339.66	1057.85962	9.28	9.28	0	ANNUAL	AREA	S
609880.81	4206325.4	1027.19713	9.95	9.95	0	ANNUAL	AREA	S
609873.42	4206326.35	1009.3179	10.14	10.14	0	ANNUAL	AREA	S
609876.48	4206330.05	1008.7715	10.01	10.01	0	ANNUAL	AREA	S
609879.23	4206335.33	1004.11061	9.88	9.88	0	ANNUAL	AREA	S
609874.37	4206334.8	995.13645	10.02	10.02	0	ANNUAL	AREA	S
609706.71	4206240.52	835.25665	15.36	15.36	0	ANNUAL	AREA	S
609714.61	4206240.72	847.37681	15.25	15.25	0	ANNUAL	AREA	S
609688.36	4206319.93	712.9018	13.87	13.87	0	ANNUAL	AREA	S
609697.23	4206319.93	723.91823	13.75	13.75	0	ANNUAL	AREA	S
609706.1	4206319.93	735.18676	13.64	13.64	0	ANNUAL	AREA	S
609714.97	4206319.93	746.75805	13.52	13.52	0	ANNUAL	AREA	S
609723.84	4206319.93	758.62369	13.4	13.4	0	ANNUAL	AREA	S
609732.71	4206319.93	770.79873	13.28	13.28	0	ANNUAL	AREA	S
609741.58	4206319.93	783.29725	13.16	13.16	0	ANNUAL	AREA	S
609750.45	4206319.93	796.13156	13.04	13.04	0	ANNUAL	AREA	S
609759.32	4206319.93	809.43785	12.87	12.87	0	ANNUAL	AREA	S
609768.19	4206319.93	823.13632	12.69	12.69	0	ANNUAL	AREA	S
609777.06	4206319.93	837.2205	12.51	12.51	0	ANNUAL	AREA	S
609785.93	4206319.93	851.70663	12.33	12.33	0	ANNUAL	AREA	S
609794.8	4206319.93	866.61007	12.15	12.15	0	ANNUAL	AREA	S
609803.67	4206319.93	881.97443	11.96	11.96	0	ANNUAL	AREA	S
609812.54	4206319.93	897.75248	11.78	11.78	0	ANNUAL	AREA	S
609821.41	4206319.93	913.99695	11.6	11.6	0	ANNUAL	AREA	S
609830.28	4206319.93	930.8748	11.38	11.38	0	ANNUAL	AREA	S
609839.15	4206319.93	948.364	11.14	11.14	0	ANNUAL	AREA	S
609848.02	4206319.93	966.41957	10.9	10.9	0	ANNUAL	AREA	S
609856.89	4206319.93	985.06236	10.66	10.66	0	ANNUAL	AREA	S
609688.36	4206326.9	705.7465	13.72	13.72	0	ANNUAL	AREA	S
609697.23	4206326.9	716.5694	13.6	13.6	0	ANNUAL	AREA	S
609706.1	4206326.9	727.6571	13.48	13.48	0	ANNUAL	AREA	S
609714.97	4206326.9	739.0257	13.36	13.36	0	ANNUAL	AREA	S
609723.84	4206326.9	750.66977	13.25	13.25	0	ANNUAL	AREA	S
609732.71	4206326.9	762.64041	13.13	13.13	0	ANNUAL	AREA	S
609741.58	4206326.9	774.92456	13.01	13.01	0	ANNUAL	AREA	S
609750.45	4206326.9	787.53272	12.89	12.89	0	ANNUAL	AREA	S
609759.32	4206326.9	800.57443	12.73	12.73	0	ANNUAL	AREA	S
609768.19	4206326.9	814.02688	12.55	12.55	0	ANNUAL	AREA	S
609777.06	4206326.9	827.82842	12.38	12.38	0	ANNUAL	AREA	S
609785.93	4206326.9	842.01457	12.21	12.21	0	ANNUAL	AREA	S
609794.8	4206326.9	856.59891	12.04	12.04	0	ANNUAL	AREA	S
609803.67	4206326.9	871.63247	11.86	11.86	0	ANNUAL	AREA	S
609812.54	4206326.9	887.07366	11.69	11.69	0	ANNUAL	AREA	S
609821.41	4206326.9	902.96926	11.52	11.52	0	ANNUAL	AREA	S
609830.28	4206326.9	919.51876	11.3	11.3	0	ANNUAL	AREA	S
609839.15	4206326.9	936.65975	11.06	11.06	0	ANNUAL	AREA	S
609848.02	4206326.9	954.34641	10.82	10.82	0	ANNUAL	AREA	S
609856.89	4206326.9	972.61228	10.58	10.58	0	ANNUAL	AREA	S
609688.36	4206333.87	698.56126	13.57	13.57	0	ANNUAL	AREA	S
609697.23	4206333.87	709.20279	13.45	13.45	0	ANNUAL	AREA	S
609706.1	4206333.87	720.1102	13.33	13.33	0	ANNUAL	AREA	S
609714.97	4206333.87	731.29174	13.21	13.21	0	ANNUAL	AREA	S
609723.84	4206333.87	742.75763	13.09	13.09	0	ANNUAL	AREA	S
609732.71	4206333.87	754.49471	12.98	12.98	0	ANNUAL	AREA	S
609741.58	4206333.87	766.55718	12.86	12.86	0	ANNUAL	AREA	S
609750.45	4206333.87	778.93801	12.74	12.74	0	ANNUAL	AREA	S
609759.32	4206333.87	791.74305	12.58	12.58	0	ANNUAL	AREA	S
609768.19	4206333.87	804.89533	12.42	12.42	0	ANNUAL	AREA	S
609777.06	4206333.87	818.40644	12.26	12.26	0	ANNUAL	AREA	S
609785.93	4206333.87	832.32346	12.09	12.09	0	ANNUAL	AREA	S
609794.8	4206333.87	846.60626	11.93	11.93	0	ANNUAL	AREA	S
609803.67	4206333.87	861.29244	11.77	11.77	0	ANNUAL	AREA	S
609812.54	4206333.87	876.43168	11.6	11.6	0	ANNUAL	AREA	S
609821.41	4206333.87	891.97826	11.44	11.44	0	ANNUAL	AREA	S
609830.28	4206333.87	908.15685	11.23	11.23	0	ANNUAL	AREA	S
609839.15	4206333.87	924.98596	10.98	10.98	0	ANNUAL	AREA	S
609848.02	4206333.87	942.31179	10.74	10.74	0	ANNUAL	AREA	S
609856.89	4206333.87	960.1994	10.5	10.5	0	ANNUAL	AREA	S
609688.36	4206340.84	691.37683	13.42	13.42	0	ANNUAL	AREA	S
609697.23	4206340.84	701.83862	13.3	13.3	0	ANNUAL	AREA	S
609706.1	4206340.84	712.55517	13.18	13.18	0	ANNUAL	AREA	S
609714.97	4206340.84	723.53739	13.06	13.06	0	ANNUAL	AREA	S
609723.84	4206340.84	734.79674	12.94	12.94	0	ANNUAL	AREA	S
609732.71	4206340.84	746.34245	12.82	12.82	0	ANNUAL	AREA	S
609741.58	4206340.84	758.18553	12.7	12.7	0	ANNUAL	AREA	S
609750.45	4206340.84	770.31181	12.59	12.59	0	ANNUAL	AREA	S
609759.32	4206340.84	782.85495	12.44	12.44	0	ANNUAL	AREA	S
609768.19	4206340.84	795.76873	12.28	12.28	0	ANNUAL	AREA	S
609777.06	4206340.84	809.0083	12.13	12.13	0	ANNUAL	AREA	S
609785.93	4206340.84	822.6114	11.98	11.98	0	ANNUAL	AREA	S
609794.8	4206340.84	836.62034	11.82	11.82	0	ANNUAL	AREA	S
609803.67	4206340.84	850.99125	11.67	11.67	0	ANNUAL	AREA	S
609812.54	4206340.84	865.79549	11.51	11.51	0	ANNUAL	AREA	S
609821.41	4206340.84	880.99521	11.36	11.36	0	ANNUAL	AREA	S
609830.28	4206340.84	896.84905	11.15	11.15	0	ANNUAL	AREA	S
609839.15	4206340.84	913.30318	10.91	10.91	0	ANNUAL	AREA	S
609848.02	4206340.84	930.32141	10.66	10.66	0	ANNUAL	AREA	S
609856.89	4206340.84	947.84831	10.42	10.42	0	ANNUAL	AREA	S
609688.36	4206347.81	684.20807	13.26	13.26	0	ANNUAL	AREA	S
609697.23	4206347.81	694.4637	13.15	13.15	0	ANNUAL	AREA	S
609706.1	4206347.81	704.98703	13.03	13.03	0	ANNUAL	AREA	S
609714.97	4206347.81	715.77127	12.91	12.91	0	ANNUAL	AREA	S
609723.84	4206347.81	726.82391	12.79	12.79	0	ANNUAL	AREA	S
609732.71	4206347.81	738.15694	12.67	12.67	0	ANNUAL	AREA	S
609741.58	4206347.81	749.78561	12.55	12.55	0	ANNUAL	AREA	S
609750.45	4206347.81	761.71844	12.43	12.43	0	ANNUAL	AREA	S
609759.32	4206347.81	774.01298	12.29	12.29	0	ANNUAL	AREA	S
609768.19	4206347.81	786.63371	12.15	12.15	0	ANNUAL	AREA	S
609777.06	4206347.81	799.62153	12	12	0	ANNUAL	AREA	S
609785.93	4206347.81	812.93091	11.86	11.86	0	ANNUAL	AREA	S
609794.8	4206347.81	826.63017	11.71	11.71	0	ANNUAL	AREA	S
609803.67	4206347.81	840.67989	11.57	11.57	0	ANNUAL	AREA	S
609812.54	4206347.81	855.16036	11.42	11.42	0	ANNUAL	AREA	S
609821.41	4206347.81	870.02286	11.28	11.28	0	ANNUAL	AREA	S
609830.28	4206347.81	885.55934	11.07	11.07	0	ANNUAL	AREA	S
609839.15	4206347.81	901.67962	10.83	10.83	0	ANNUAL	AREA	S
609848.02	4206347.81	918.30326	10.59	10.59	0	ANNUAL	AREA	S
609856.89	4206347.81	935.46178	10.35	10.35	0	ANNUAL	AREA	S
609688.36	4206354.78	677.06681	13.11	13.11	0	ANNUAL	AREA	S
609697.23	4206354.78	687.16007	12.99	12.99	0	ANNUAL	AREA	S
609706.1	4206354.78	697.47731	12.88	12.88	0	ANNUAL	AREA	S
609714.97	4206354.78	708.07048	12.76	12.76	0	ANNUAL	AREA	S
609723.84	4206354.78	718.92736	12.64	12.64	0	ANNUAL	AREA	S
609732.71	4206354.78	730.06024	12.52	12.52	0	ANNUAL	AREA	S
609741.58	4206354.78	741.47291	12.4	12.4	0	ANNUAL	AREA	S
609750.45	4206354.78	753.17948	12.28	12.28	0	ANNUAL	AREA	S
609759.32	4206354.78	765.21207	12.15	12.15	0	ANNUAL	AREA	S
609768.19	4206354.78	777.58279	12.01	12.01	0	ANNUAL	AREA	S
609777.06	4206354.78	790.25508	11.88	11.88	0	ANNUAL	AREA	S
609785.93	4206354.78	803.29855	11.74	11.74	0	ANNUAL	AREA	S
609794.8	4206354.78	816.67239	11.61	11.61	0	ANNUAL	AREA	S
609803.67	4206354.78	830.44336	11.47	11.47	0	ANNUAL	AREA	S
609812.54	4206354.78	844.59885	11.33	11.33	0	ANNUAL	AREA	S
609821.41	4206354.78	859.15328	11.19	11.19	0	ANNUAL	AREA	S
609830.28	4206354.78	874.33337	10.99	10.99	0	ANNUAL	AREA	S
609839.15	4206354.78	890.11676	10.75	10.75	0	ANNUAL	AREA	S
609848.02	4206354.78	906.39486	10.51	10.51	0	ANNUAL	AREA	S
609856.89	4206354.78	923.18763	10.27	10.27	0	ANNUAL	AREA	S
609688.36	4206361.75	669.91883	12.96	12.96	0	ANNUAL	AREA	S
609697.23	4206361.75	679.83262	12.84	12.84	0	ANNUAL	AREA	S
609706.1	4206361.75	689.98516	12.72	12.72	0	ANNUAL	AREA	S
609714.97	4206361.75	700.38516	12.6	12.6	0	ANNUAL	AREA	S
609723.84	4206361.75	711.0223	12.49	12.49	0	ANNUAL	AREA	S
609732.71	4206361.75	721.94501	12.37	12.37	0	ANNUAL	AREA	S
609741.58	4206361.75	733.13826	12.25	12.25	0	ANNUAL	AREA	S
609750.45	4206361.75	744.61436	12.13	12.13	0	ANNUAL	AREA	S
609759.32	4206361.75	756.40993	12	12	0	ANNUAL	AREA	S
609768.19	4206361.75	768.49259	11.88	11.88	0	ANNUAL	AREA	S
609777.06	4206361.75	780.92595	11.75	11.75	0	ANNUAL	AREA	S
609785.93	4206361.75	793.66143	11.63	11.63	0	ANNUAL	AREA	S
609794.8	4206361.75	806.76421	11.5	11.5	0	ANNUAL	AREA	S
609803.67	4206361.75	820.22308	11.37	11.37	0	ANNUAL	AREA	S
609812.54	4206361.75	834.05364	11.24	11.24	0	ANNUAL	AREA	S
609821.41	4206361.75	848.2698	11.11	11.11	0	ANNUAL	AREA	S
609830.28	4206361.75	863.12852	10.91	10.91	0	ANNUAL	AREA	S
609839.15	4206361.75	878.57743	10.67	10.67	0	ANNUAL	AREA	S
609848.02	4206361.75	894.50894	10.43	10.43	0	ANNUAL	AREA	S
609856.89	4206361.75	910.95033	10.19	10.19	0	ANNUAL	AREA	S
610626.79	4206314.62	54977.39259	11.05	11.05	0	ANNUAL	AREA	S
610758.51	4206316.46	275773.904	9.55	9.55	0	ANNUAL	AREA	S
610764.49	4206027.44	85900.68046	9	9	0	ANNUAL	AREA	S
610678.11	4206026.84	216557.9821	9.4	9.4	0	ANNUAL	AREA	S
610678.11	4206019.82	195221.9911	9.4	9.4	0	ANNUAL	AREA	S
610677.96	4206019.22	193602.3767	9.4	9.4	0	ANNUAL	AREA	S
610671.98	4206019.22	194488.4174	9.48	9.48	0	ANNUAL	AREA	S
610672.13	4206010.55	172326.3828	9.48	9.48	0	ANNUAL	AREA	S
610664.66	4206010.7	177455.5845	9.59	9.59	0	ANNUAL	AREA	S
610664.66	4206013.39	183914.4744	9.58	9.58	0	ANNUAL	AREA	S
610664.51	4206018.92	196178.2687	9.59	9.59	0	ANNUAL	AREA	S
610664.51	4206019.67	197853.1206	9.59	9.59	0	ANNUAL	AREA	S
610665.41	4206025.5	212017.7762	9.57	9.57	0	ANNUAL	AREA	S
610628.64	4206024.3	188716.4762	10.07	10.07	0	ANNUAL	AREA	S
610625.95	4206028.19	188897.8203	10.11	10.11	0	ANNUAL	AREA	S
610625.95	4206061.81	210951.3944	10.1	10.1	0	ANNUAL	AREA	S
610626.25	4206102.46	218042.1943	10.1	10.1	0	ANNUAL	AREA	S
610626.4	4206155.21	211889.825	10.61	10.61	0	ANNUAL	AREA	S
610626.55	4206190.63	201639.6533	10.97	10.97	0	ANNUAL	AREA	S
610626.55	4206202.14	197019.7888	11.01	11.01	0	ANNUAL	AREA	S
610626.7	4206204.98	196134.3137	11.01	11.01	0	ANNUAL	AREA	S
610626.85	4206213.34	192474.4964	11.01	11.01	0	ANNUAL	AREA	S
610626.85	4206216.78	190643.8838	11.02	11.02	0	ANNUAL	AREA	S
610626.7	4206228.29	183461.5207	11.02	11.02	0	ANNUAL	AREA	S

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        610626.85      4206264.9      149700.288     11.04     11.04          0 ANNUAL    AREA              5
        610626.85      4206289.71     106624.9792    11.05     11.05          0 ANNUAL    AREA              5
        610627.15      4206302.86     75262.74571    11.04     11.04          0 ANNUAL    AREA              5
**  CONCUNIT ug/    m^3
**  DEPUNIT g/m^    2
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*  AERMOD ( 1808   1): C:\Users\kj      ohnson\Desktop\        49400013 OAKLEY II  (VINES)      \Oakley2    \Oakley2   5/1/2001          9
*  AERMET ( 1413   4):                                                                                                    15:11:01          1
*  MODELING OPTI  ONS USED:  Reg  DFAULT  CONC  E      LEV  URBA  N
*  PLOT           FILE OF ANNUAL  VALUES AVERAGED  ACROSS    5 YEARS    FOR SOUR  CE GROUP  : LINE
*  FOR A          TOTAL OF 12343  RECEPTORS.
*  FORMA          T: (3(1X,F13.5)      ,3(1X,F8.2),2X,      A6,2X,A8,   2X,I8.8,2   X,A8)
*  X              Y                    AVERAGE CONC         ZELEV       ZHILL       ZFLAG     AVE         GRP         NUM YRS  NET ID
*  ____________________________________________________________________________________________________________________________
      610294.43     4205714.03          0.07638          15.7          15.7          0  ANNUAL      LINE          5
      610301.43     4205714.03          0.07565          15.6          15.6          0  ANNUAL      LINE          5
      610308.43     4205714.03          0.07492         15.51         15.51          0  ANNUAL      LINE          5
      610315.43     4205714.03          0.07415         15.41         15.41          0  ANNUAL      LINE          5
      610322.43     4205714.03           0.0734         15.32         15.32          0  ANNUAL      LINE          5
      610329.43     4205714.03          0.07265         15.22         15.22          0  ANNUAL      LINE          5
      610336.43     4205714.03          0.07189         15.12         15.12          0  ANNUAL      LINE          5
      610343.43     4205714.03          0.07111         15.03         15.03          0  ANNUAL      LINE          5
      610350.43     4205714.03          0.07033         14.93         14.93          0  ANNUAL      LINE          5
      610357.43     4205714.03          0.06954         14.84         14.84          0  ANNUAL      LINE          5
      610364.43     4205714.03          0.06877         14.74         14.74          0  ANNUAL      LINE          5
      610371.43     4205714.03          0.06813         14.65         14.65          0  ANNUAL      LINE          5
      610378.43     4205714.03          0.06734         14.55         14.55          0  ANNUAL      LINE          5
      610385.43     4205714.03          0.06656         14.46         14.46          0  ANNUAL      LINE          5
      610392.43     4205714.03          0.06576         14.36         14.36          0  ANNUAL      LINE          5
      610399.43     4205714.03          0.06497         14.26         14.26          0  ANNUAL      LINE          5
      610406.43     4205714.03          0.06415         14.17         14.17          0  ANNUAL      LINE          5
      610413.43     4205714.03          0.06333         14.07         14.07          0  ANNUAL      LINE          5
      610420.43     4205714.03           0.0625         13.98         13.98          0  ANNUAL      LINE          5
      610427.43     4205714.03          0.06165         13.88         13.88          0  ANNUAL      LINE          5
      610434.43     4205714.03          0.06078         13.79         13.79          0  ANNUAL      LINE          5
      610441.43     4205714.03          0.05992         13.69         13.69          0  ANNUAL      LINE          5
      610448.43     4205714.03          0.05906         13.59         13.59          0  ANNUAL      LINE          5
      610455.43     4205714.03           0.0582          13.5          13.5          0  ANNUAL      LINE          5
      610462.43     4205714.03          0.05734          13.4          13.4          0  ANNUAL      LINE          5
      610469.43     4205714.03          0.05648         13.31         13.31          0  ANNUAL      LINE          5
      610476.43     4205714.03          0.05562         13.21         13.21          0  ANNUAL      LINE          5
      610483.43     4205714.03          0.05476         13.12         13.12          0  ANNUAL      LINE          5
      610490.43     4205714.03           0.0539         13.02         13.02          0  ANNUAL      LINE          5
      610504.43     4205714.03          0.05219         12.86         12.86          0  ANNUAL      LINE          5
      610511.43     4205714.03          0.05134         12.78         12.78          0  ANNUAL      LINE          5
      610518.43     4205714.03          0.05049          12.7          12.7          0  ANNUAL      LINE          5
      610525.43     4205714.03          0.04965         12.62         12.62          0  ANNUAL      LINE          5
      610532.43     4205714.03          0.04881         12.54         12.54          0  ANNUAL      LINE          5
      610539.43     4205714.03          0.04797         12.47         12.47          0  ANNUAL      LINE          5
      610546.43     4205714.03          0.04713         12.39         12.39          0  ANNUAL      LINE          5
      610553.43     4205714.03          0.04629         12.31         12.31          0  ANNUAL      LINE          5
      610560.43     4205714.03          0.04546         12.23         12.23          0  ANNUAL      LINE          5
      610567.43     4205714.03          0.04462         12.18         12.18          0  ANNUAL      LINE          5
      610574.43     4205714.03          0.04379         12.16         12.16          0  ANNUAL      LINE          5
      610581.43     4205714.03          0.04297         12.14         12.14          0  ANNUAL      LINE          5
      610588.43     4205714.03          0.04214         12.13         12.13          0  ANNUAL      LINE          5
      610595.43     4205714.03          0.04133         12.11         12.11          0  ANNUAL      LINE          5
      610602.43     4205714.03          0.04052         12.09         12.09          0  ANNUAL      LINE          5
      610609.43     4205714.03          0.03973         12.07         12.07          0  ANNUAL      LINE          5
      610616.43     4205714.03          0.03893         12.06         12.06          0  ANNUAL      LINE          5
      610623.43     4205714.03          0.03815         12.04         12.04          0  ANNUAL      LINE          5
      610630.43     4205714.03          0.03738         12.02         12.02          0  ANNUAL      LINE          5
      610651.43     4205714.03          0.03513         11.86         11.86          0  ANNUAL      LINE          5
      610658.43     4205714.03          0.03441         11.78         11.78          0  ANNUAL      LINE          5
      610665.43     4205714.03          0.03369          11.7          11.7          0  ANNUAL      LINE          5
      610672.43     4205714.03          0.03298         11.63         11.63          0  ANNUAL      LINE          5
      610679.43     4205714.03          0.03229         11.55         11.55          0  ANNUAL      LINE          5
      610686.43     4205714.03          0.03161         11.47         11.47          0  ANNUAL      LINE          5
      610693.43     4205714.03          0.03093          11.4          11.4          0  ANNUAL      LINE          5
      610700.43     4205714.03          0.03027         11.32         11.32          0  ANNUAL      LINE          5
      610707.43     4205714.03          0.02963         11.25         11.25          0  ANNUAL      LINE          5
      610714.43     4205714.03          0.02899          11.2          11.2          0  ANNUAL      LINE          5
      610721.43     4205714.03          0.02836         11.18         11.18          0  ANNUAL      LINE          5
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      610854.43     4205714.03          0.01918            11            11          0  ANNUAL      LINE          5
      610861.43     4205714.03          0.01884         10.96         10.96          0  ANNUAL      LINE          5
      610868.43     4205714.03          0.01851         10.89         10.89          0  ANNUAL      LINE          5
      610875.43     4205714.03          0.01819         10.81         10.81          0  ANNUAL      LINE          5
      610882.43     4205714.03          0.01788         10.74         10.74          0  ANNUAL      LINE          5
      610889.43     4205714.03          0.01758         10.67         10.67          0  ANNUAL      LINE          5
      610910.43     4205714.03          0.01674         10.45         10.45          0  ANNUAL      LINE          5
      610917.43     4205714.03          0.01648         10.38         10.38          0  ANNUAL      LINE          5
      610924.43     4205714.03          0.01622          10.3          10.3          0  ANNUAL      LINE          5
      610931.43     4205714.03          0.01598         10.24         10.24          0  ANNUAL      LINE          5
      610938.43     4205714.03          0.01574         10.24         10.24          0  ANNUAL      LINE          5
      610945.43     4205714.03          0.01551         10.24         10.24          0  ANNUAL      LINE          5
      610952.43     4205714.03          0.01529         10.24         10.24          0  ANNUAL      LINE          5
      610959.43     4205714.03          0.01507         10.24         10.24          0  ANNUAL      LINE          5
      610966.43     4205714.03          0.01486         10.24         10.24          0  ANNUAL      LINE          5
      610973.43     4205714.03          0.01465         10.24         10.24          0  ANNUAL      LINE          5
      610980.43     4205714.03          0.01445         10.24         10.24          0  ANNUAL      LINE          5
      610987.43     4205714.03          0.01426         10.24         10.24          0  ANNUAL      LINE          5
      610994.43     4205714.03          0.01407         10.24         10.24          0  ANNUAL      LINE          5
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      611008.43     4205714.03          0.01372         10.25         10.25          0  ANNUAL      LINE          5
      611015.43     4205714.03          0.01354         10.25         10.25          0  ANNUAL      LINE          5
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      611029.43     4205714.03          0.01321         10.25         10.25          0  ANNUAL      LINE          5
      611050.43     4205714.03          0.01275         10.25         10.25          0  ANNUAL      LINE          5
      611057.43     4205714.03           0.0126         10.25         10.25          0  ANNUAL      LINE          5
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      611071.43     4205714.03          0.01231         10.26         10.26          0  ANNUAL      LINE          5
      611078.43     4205714.03          0.01217         10.26         10.26          0  ANNUAL      LINE          5
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      610322.43     4205721.03          0.07497         15.31         15.31          0  ANNUAL      LINE          5
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      610385.43     4205721.03          0.06799         14.45         14.45          0  ANNUAL      LINE          5
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      610420.43     4205721.03          0.06383         13.98         13.98          0  ANNUAL      LINE          5
      610427.43     4205721.03          0.06295         13.88         13.88          0  ANNUAL      LINE          5
      610434.43     4205721.03          0.06207         13.78         13.78          0  ANNUAL      LINE          5
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      610735.43     4205721.03          0.02756         11.09         11.09          0  ANNUAL      LINE          5
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      610749.43     4205721.03          0.02637         11.06         11.06          0  ANNUAL      LINE          5
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      610917.43     4205721.03          0.01668         10.31         10.31          0  ANNUAL      LINE          5
      610924.43     4205721.03          0.01642         10.23         10.23          0  ANNUAL      LINE          5
      610931.43     4205721.03          0.01617         10.16         10.16          0  ANNUAL      LINE          5
      610938.43     4205721.03          0.01593         10.16         10.16          0  ANNUAL      LINE          5
      610945.43     4205721.03          0.01569         10.16         10.16          0  ANNUAL      LINE          5
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      610980.43     4205721.03          0.01462         10.17         10.17          0  ANNUAL      LINE          5
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      610308.43     4205728.03          0.07817          15.5          15.5          0  ANNUAL      LINE          5
      610315.43     4205728.03          0.07738          15.4          15.4          0  ANNUAL      LINE          5
      610322.43     4205728.03          0.07659         15.31         15.31          0  ANNUAL      LINE          5
      610329.43     4205728.03          0.07582         15.21         15.21          0  ANNUAL      LINE          5
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610364.43	4205728.03	0.07177	14.74	14.74	0	ANNUAL	LINE	5
610371.43	4205728.03	0.07111	14.64	14.64	0	ANNUAL	LINE	5
610378.43	4205728.03	0.07028	14.55	14.55	0	ANNUAL	LINE	5
610385.43	4205728.03	0.06946	14.45	14.45	0	ANNUAL	LINE	5
610392.43	4205728.03	0.06861	14.36	14.36	0	ANNUAL	LINE	5
610399.43	4205728.03	0.06778	14.26	14.26	0	ANNUAL	LINE	5
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610420.43	4205728.03	0.0652	13.97	13.97	0	ANNUAL	LINE	5
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610434.43	4205728.03	0.06339	13.78	13.78	0	ANNUAL	LINE	5
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610455.43	4205728.03	0.06067	13.5	13.5	0	ANNUAL	LINE	5
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610490.43	4205728.03	0.05615	13.02	13.02	0	ANNUAL	LINE	5
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610518.43	4205728.03	0.05258	12.64	12.64	0	ANNUAL	LINE	5
610525.43	4205728.03	0.05169	12.55	12.55	0	ANNUAL	LINE	5
610532.43	4205728.03	0.0508	12.46	12.46	0	ANNUAL	LINE	5
610539.43	4205728.03	0.04992	12.37	12.37	0	ANNUAL	LINE	5
610546.43	4205728.03	0.04903	12.27	12.27	0	ANNUAL	LINE	5
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610588.43	4205728.03	0.04377	12.02	12.02	0	ANNUAL	LINE	5
610595.43	4205728.03	0.04291	12.02	12.02	0	ANNUAL	LINE	5
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610623.43	4205728.03	0.03955	12.01	12.01	0	ANNUAL	LINE	5
610630.43	4205728.03	0.03873	12	12	0	ANNUAL	LINE	5
610651.43	4205728.03	0.03636	11.83	11.83	0	ANNUAL	LINE	5
610658.43	4205728.03	0.0356	11.73	11.73	0	ANNUAL	LINE	5
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610672.43	4205728.03	0.03411	11.55	11.55	0	ANNUAL	LINE	5
610679.43	4205728.03	0.03338	11.46	11.46	0	ANNUAL	LINE	5
610686.43	4205728.03	0.03266	11.37	11.37	0	ANNUAL	LINE	5
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610742.43	4205728.03	0.02736	11.03	11.03	0	ANNUAL	LINE	5
610749.43	4205728.03	0.02676	11.03	11.03	0	ANNUAL	LINE	5
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610763.43	4205728.03	0.02562	11.02	11.02	0	ANNUAL	LINE	5
610770.43	4205728.03	0.02507	11.01	11.01	0	ANNUAL	LINE	5
610777.43	4205728.03	0.02453	11.01	11.01	0	ANNUAL	LINE	5
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610791.43	4205728.03	0.02351	11	11	0	ANNUAL	LINE	5
610798.43	4205728.03	0.02303	11	11	0	ANNUAL	LINE	5
610805.43	4205728.03	0.02256	11	11	0	ANNUAL	LINE	5
610812.43	4205728.03	0.0221	11	11	0	ANNUAL	LINE	5
610819.43	4205728.03	0.02166	11	11	0	ANNUAL	LINE	5
610826.43	4205728.03	0.02123	11	11	0	ANNUAL	LINE	5
610833.43	4205728.03	0.02082	11	11	0	ANNUAL	LINE	5
610840.43	4205728.03	0.02042	11	11	0	ANNUAL	LINE	5
610847.43	4205728.03	0.02004	11	11	0	ANNUAL	LINE	5
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610868.43	4205728.03	0.01897	10.86	10.86	0	ANNUAL	LINE	5
610875.43	4205728.03	0.01864	10.78	10.78	0	ANNUAL	LINE	5
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610889.43	4205728.03	0.01801	10.6	10.6	0	ANNUAL	LINE	5
610910.43	4205728.03	0.01715	10.34	10.34	0	ANNUAL	LINE	5
610917.43	4205728.03	0.01688	10.25	10.25	0	ANNUAL	LINE	5
610924.43	4205728.03	0.01662	10.16	10.16	0	ANNUAL	LINE	5
610931.43	4205728.03	0.01637	10.08	10.08	0	ANNUAL	LINE	5
610938.43	4205728.03	0.01612	10.08	10.08	0	ANNUAL	LINE	5
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610966.43	4205728.03	0.01521	10.09	10.09	0	ANNUAL	LINE	5
610973.43	4205728.03	0.015	10.09	10.09	0	ANNUAL	LINE	5
610980.43	4205728.03	0.0148	10.09	10.09	0	ANNUAL	LINE	5
610987.43	4205728.03	0.0146	10.09	10.09	0	ANNUAL	LINE	5
610994.43	4205728.03	0.0144	10.09	10.09	0	ANNUAL	LINE	5
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611008.43	4205728.03	0.01403	10.09	10.09	0	ANNUAL	LINE	5
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611057.43	4205728.03	0.01288	10.1	10.1	0	ANNUAL	LINE	5
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611078.43	4205728.03	0.01244	10.11	10.11	0	ANNUAL	LINE	5
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610322.43	4205735.03	0.07833	15.23	15.23	0	ANNUAL	LINE	5
610329.43	4205735.03	0.07753	15.14	15.14	0	ANNUAL	LINE	5
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610343.43	4205735.03	0.07589	14.95	14.95	0	ANNUAL	LINE	5
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610378.43	4205735.03	0.07188	14.47	14.47	0	ANNUAL	LINE	5
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610427.43	4205735.03	0.06571	13.81	13.81	0	ANNUAL	LINE	5
610434.43	4205735.03	0.06478	13.72	13.72	0	ANNUAL	LINE	5
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610462.43	4205735.03	0.06106	13.34	13.34	0	ANNUAL	LINE	5
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610483.43	4205735.03	0.05828	13.05	13.05	0	ANNUAL	LINE	5
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610532.43	4205735.03	0.05185	12.42	12.42	0	ANNUAL	LINE	5
610539.43	4205735.03	0.05094	12.33	12.33	0	ANNUAL	LINE	5
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610581.43	4205735.03	0.04551	11.99	11.99	0	ANNUAL	LINE	5
610588.43	4205735.03	0.04462	11.99	11.99	0	ANNUAL	LINE	5
610595.43	4205735.03	0.04373	11.98	11.98	0	ANNUAL	LINE	5
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610623.43	4205735.03	0.04028	11.97	11.97	0	ANNUAL	LINE	5
610630.43	4205735.03	0.03944	11.97	11.97	0	ANNUAL	LINE	5
610651.43	4205735.03	0.03701	11.78	11.78	0	ANNUAL	LINE	5
610658.43	4205735.03	0.03623	11.69	11.69	0	ANNUAL	LINE	5
610665.43	4205735.03	0.03545	11.59	11.59	0	ANNUAL	LINE	5
610672.43	4205735.03	0.03469	11.5	11.5	0	ANNUAL	LINE	5
610679.43	4205735.03	0.03394	11.41	11.41	0	ANNUAL	LINE	5
610686.43	4205735.03	0.03321	11.31	11.31	0	ANNUAL	LINE	5
610693.43	4205735.03	0.03248	11.22	11.22	0	ANNUAL	LINE	5
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610833.43	4205735.03	0.02109	10.99	10.99	0	ANNUAL	LINE	5
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610987.43	4205735.03	0.01477	10.02	10.02	0	ANNUAL	LINE	5
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610357.43	4205742.03	0.07592	14.68	14.68	0	ANNUAL	LINE	5
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610378.43	4205742.03	0.07353	14.4	14.4	0	ANNUAL	LINE	5
610385.43	4205742.03	0.07267	14.3	14.3	0	ANNUAL	LINE	5
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610406.43	4205742.03	0.07	14.02	14.02	0	ANNUAL	LINE	5
610413.43	4205742.03	0.06906	13.92	13.92	0	ANNUAL	LINE	5
610420.43	4205742.03	0.06812	13.83	13.83	0	ANNUAL	LINE	5
610427.43	4205742.03	0.06717	13.73	13.73	0	ANNUAL	LINE	5
610434.43	4205742.03	0.06622	13.64	13.64	0	ANNUAL	LINE	5
610441.43	4205742.03	0.06527	13.55	13.55	0	ANNUAL	LINE	5
610448.43	4205742.03	0.06432	13.45	13.45	0	ANNUAL	LINE	5
610455.43	4205742.03	0.06336	13.36	13.36	0	ANNUAL	LINE	5
610462.43	4205742.03	0.06241	13.26	13.26	0	ANNUAL	LINE	5
610469.43	4205742.03	0.06145	13.17	13.17	0	ANNUAL	LINE	5
610476.43	4205742.03	0.0605	13.07	13.07	0	ANNUAL	LINE	5
610483.43	4205742.03	0.05955	12.98	12.98	0	ANNUAL	LINE	5
610490.43	4205742.03	0.0586	12.88	12.88	0	ANNUAL	LINE	5
610504.43	4205742.03	0.0567	12.72	12.72	0	ANNUAL	LINE	5
610511.43	4205742.03	0.05576	12.63	12.63	0	ANNUAL	LINE	5
610518.43	4205742.03	0.05481	12.55	12.55	0	ANNUAL	LINE	5
610525.43	4205742.03	0.05387	12.47	12.47	0	ANNUAL	LINE	5
610532.43	4205742.03	0.05293	12.39	12.39	0	ANNUAL	LINE	5
610539.43	4205742.03	0.05199	12.3	12.3	0	ANNUAL	LINE	5
610546.43	4205742.03	0.05105	12.22	12.22	0	ANNUAL	LINE	5
610553.43	4205742.03	0.05012	12.14	12.14	0	ANNUAL	LINE	5
610560.43	4205742.03	0.04919	12.05	12.05	0	ANNUAL	LINE	5
610567.43	4205742.03	0.04826	12	12	0	ANNUAL	LINE	5
610574.43	4205742.03	0.04733	11.98	11.98	0	ANNUAL	LINE	5
610581.43	4205742.03	0.04641	11.97	11.97	0	ANNUAL	LINE	5
610588.43	4205742.03	0.04549	11.96	11.96	0	ANNUAL	LINE	5
610595.43	4205742.03	0.04458	11.95	11.95	0	ANNUAL	LINE	5
610602.43	4205742.03	0.04368	11.94	11.94	0	ANNUAL	LINE	5
610609.43	4205742.03	0.04279	11.93	11.93	0	ANNUAL	LINE	5
610616.43	4205742.03	0.04191	11.92	11.92	0	ANNUAL	LINE	5
610623.43	4205742.03	0.04104	11.91	11.91	0	ANNUAL	LINE	5
610630.43	4205742.03	0.04018	11.9	11.9	0	ANNUAL	LINE	5
610651.43	4205742.03	0.03768	11.71	11.71	0	ANNUAL	LINE	5
610658.43	4205742.03	0.03688	11.61	11.61	0	ANNUAL	LINE	5
610665.43	4205742.03	0.03608	11.52	11.52	0	ANNUAL	LINE	5
610672.43	4205742.03	0.0353	11.42	11.42	0	ANNUAL	LINE	5
610679.43	4205742.03	0.03453	11.33	11.33	0	ANNUAL	LINE	5
610686.43	4205742.03	0.03377	11.23	11.23	0	ANNUAL	LINE	5
610693.43	4205742.03	0.03303	11.14	11.14	0	ANNUAL	LINE	5
610700.43	4205742.03	0.03229	11.04	11.04	0	ANNUAL	LINE	5
610707.43	4205742.03	0.03158	10.95	10.95	0	ANNUAL	LINE	5
610728.43	4205742.03	0.02951	10.88	10.88	0	ANNUAL	LINE	5
610735.43	4205742.03	0.02885	10.87	10.87	0	ANNUAL	LINE	5
610742.43	4205742.03	0.0282	10.86	10.86	0	ANNUAL	LINE	5
610749.43	4205742.03	0.02758	10.86	10.86	0	ANNUAL	LINE	5
610756.43	4205742.03	0.02697	10.85	10.85	0	ANNUAL	LINE	5
610763.43	4205742.03	0.02638	10.84	10.84	0	ANNUAL	LINE	5
610770.43	4205742.03	0.0258	10.83	10.83	0	ANNUAL	LINE	5
610777.43	4205742.03	0.02525	10.83	10.83	0	ANNUAL	LINE	5
610784.43	4205742.03	0.02471	10.82	10.82	0	ANNUAL	LINE	5
610791.43	4205742.03	0.02418	10.82	10.82	0	ANNUAL	LINE	5
610798.43	4205742.03	0.02367	10.83	10.83	0	ANNUAL	LINE	5
610805.43	4205742.03	0.02318	10.83	10.83	0	ANNUAL	LINE	5
610812.43	4205742.03	0.02271	10.83	10.83	0	ANNUAL	LINE	5
610819.43	4205742.03	0.02225	10.83	10.83	0	ANNUAL	LINE	5
610826.43	4205742.03	0.02181	10.83	10.83	0	ANNUAL	LINE	5
610833.43	4205742.03	0.02139	10.84	10.84	0	ANNUAL	LINE	5
610840.43	4205742.03	0.02097	10.84	10.84	0	ANNUAL	LINE	5
610847.43	4205742.03	0.02057	10.84	10.84	0	ANNUAL	LINE	5
610854.43	4205742.03	0.02018	10.84	10.84	0	ANNUAL	LINE	5
610861.43	4205742.03	0.01982	10.79	10.79	0	ANNUAL	LINE	5
610868.43	4205742.03	0.01946	10.71	10.71	0	ANNUAL	LINE	5
610875.43	4205742.03	0.01912	10.62	10.62	0	ANNUAL	LINE	5
610882.43	4205742.03	0.01879	10.54	10.54	0	ANNUAL	LINE	5
610889.43	4205742.03	0.01847	10.45	10.45	0	ANNUAL	LINE	5
610910.43	4205742.03	0.01758	10.19	10.19	0	ANNUAL	LINE	5
610917.43	4205742.03	0.0173	10.1	10.1	0	ANNUAL	LINE	5
610924.43	4205742.03	0.01703	10.01	10.01	0	ANNUAL	LINE	5
610931.43	4205742.03	0.01677	9.93	9.93	0	ANNUAL	LINE	5
610938.43	4205742.03	0.01652	9.93	9.93	0	ANNUAL	LINE	5
610945.43	4205742.03	0.01627	9.93	9.93	0	ANNUAL	LINE	5
610952.43	4205742.03	0.01603	9.94	9.94	0	ANNUAL	LINE	5
610959.43	4205742.03	0.0158	9.94	9.94	0	ANNUAL	LINE	5
610966.43	4205742.03	0.01558	9.94	9.94	0	ANNUAL	LINE	5
610973.43	4205742.03	0.01536	9.94	9.94	0	ANNUAL	LINE	5
610980.43	4205742.03	0.01515	9.94	9.94	0	ANNUAL	LINE	5
610987.43	4205742.03	0.01495	9.94	9.94	0	ANNUAL	LINE	5
610994.43	4205742.03	0.01475	9.94	9.94	0	ANNUAL	LINE	5
611001.43	4205742.03	0.01455	9.94	9.94	0	ANNUAL	LINE	5
611008.43	4205742.03	0.01437	9.94	9.94	0	ANNUAL	LINE	5
611015.43	4205742.03	0.01418	9.94	9.94	0	ANNUAL	LINE	5
611022.43	4205742.03	0.01401	9.95	9.95	0	ANNUAL	LINE	5
611029.43	4205742.03	0.01383	9.95	9.95	0	ANNUAL	LINE	5
611050.43	4205742.03	0.01334	9.95	9.95	0	ANNUAL	LINE	5
611057.43	4205742.03	0.01318	9.95	9.95	0	ANNUAL	LINE	5
611064.43	4205742.03	0.01302	9.95	9.95	0	ANNUAL	LINE	5
611071.43	4205742.03	0.01287	9.95	9.95	0	ANNUAL	LINE	5
611078.43	4205742.03	0.01273	9.95	9.95	0	ANNUAL	LINE	5
611085.43	4205742.03	0.01258	9.95	9.95	0	ANNUAL	LINE	5
611092.43	4205742.03	0.01244	9.96	9.96	0	ANNUAL	LINE	5
611094.43	4205749.03	0.0852	15.46	15.46	0	ANNUAL	LINE	5
610301.43	4205749.03	0.0844	15.36	15.36	0	ANNUAL	LINE	5
610308.43	4205749.03	0.08359	15.27	15.27	0	ANNUAL	LINE	5
610315.43	4205749.03	0.08277	15.17	15.17	0	ANNUAL	LINE	5
610322.43	4205749.03	0.08194	15.08	15.08	0	ANNUAL	LINE	5
610329.43	4205749.03	0.08112	14.98	14.98	0	ANNUAL	LINE	5
610336.43	4205749.03	0.08027	14.89	14.89	0	ANNUAL	LINE	5
610343.43	4205749.03	0.07941	14.79	14.79	0	ANNUAL	LINE	5
610350.43	4205749.03	0.07854	14.7	14.7	0	ANNUAL	LINE	5
610357.43	4205749.03	0.07787	14.6	14.6	0	ANNUAL	LINE	5
610364.43	4205749.03	0.07699	14.51	14.51	0	ANNUAL	LINE	5
610371.43	4205749.03	0.07613	14.41	14.41	0	ANNUAL	LINE	5
610378.43	4205749.03	0.07524	14.32	14.32	0	ANNUAL	LINE	5
610385.43	4205749.03	0.07434	14.23	14.23	0	ANNUAL	LINE	5
610392.43	4205749.03	0.07345	14.13	14.13	0	ANNUAL	LINE	5
610399.43	4205749.03	0.07253	14.04	14.04	0	ANNUAL	LINE	5
610406.43	4205749.03	0.07159	13.94	13.94	0	ANNUAL	LINE	5
610413.43	4205749.03	0.07062	13.85	13.85	0	ANNUAL	LINE	5
610420.43	4205749.03	0.06966	13.75	13.75	0	ANNUAL	LINE	5
610427.43	4205749.03	0.06869	13.66	13.66	0	ANNUAL	LINE	5
610434.43	4205749.03	0.06772	13.56	13.56	0	ANNUAL	LINE	5
610441.43	4205749.03	0.06674	13.47	13.47	0	ANNUAL	LINE	5
610448.43	4205749.03	0.06576	13.37	13.37	0	ANNUAL	LINE	5
610455.43	4205749.03	0.06478	13.28	13.28	0	ANNUAL	LINE	5
610462.43	4205749.03	0.0638	13.18	13.18	0	ANNUAL	LINE	5
610469.43	4205749.03	0.06282	13.09	13.09	0	ANNUAL	LINE	5
610476.43	4205749.03	0.06184	13	13	0	ANNUAL	LINE	5
610483.43	4205749.03	0.06087	12.9	12.9	0	ANNUAL	LINE	5
610490.43	4205749.03	0.05989	12.81	12.81	0	ANNUAL	LINE	5
610504.43	4205749.03	0.05794	12.65	12.65	0	ANNUAL	LINE	5
610511.43	4205749.03	0.05696	12.58	12.58	0	ANNUAL	LINE	5
610518.43	4205749.03	0.056	12.5	12.5	0	ANNUAL	LINE	5
610525.43	4205749.03	0.05502	12.43	12.43	0	ANNUAL	LINE	5
610532.43	4205749.03	0.05404	12.35	12.35	0	ANNUAL	LINE	5
610539.43	4205749.03	0.05307	12.28	12.28	0	ANNUAL	LINE	5
610546.43	4205749.03	0.05211	12.2	12.2	0	ANNUAL	LINE	5
610553.43	4205749.03	0.05115	12.12	12.12	0	ANNUAL	LINE	5
610560.43	4205749.03	0.05019	12.05	12.05	0	ANNUAL	LINE	5
610567.43	4205749.03	0.04924	11.99	11.99	0	ANNUAL	LINE	5
610574.43	4205749.03	0.04828	11.97	11.97	0	ANNUAL	LINE	5
610581.43	4205749.03	0.04733	11.96	11.96	0	ANNUAL	LINE	5
610588.43	4205749.03	0.04639	11.94	11.94	0	ANNUAL	LINE	5
610595.43	4205749.03	0.04546	11.92	11.92	0	ANNUAL	LINE	5
610602.43	4205749.03	0.04454	11.9	11.9	0	ANNUAL	LINE	5
610609.43	4205749.03	0.04362	11.88	11.88	0	ANNUAL	LINE	5
610616.43	4205749.03	0.04272	11.87	11.87	0	ANNUAL	LINE	5
610623.43	4205749.03	0.04182	11.85	11.85	0	ANNUAL	LINE	5
610630.43	4205749.03	0.04094	11.83	11.83	0	ANNUAL	LINE	5
610651.43	4205749.03	0.03837	11.63	11.63	0	ANNUAL	LINE	5
610658.43	4205749.03	0.03754	11.54	11.54	0	ANNUAL	LINE	5
610665.43	4205749.03	0.03673	11.44	11.44	0	ANNUAL	LINE	5
610672.43	4205749.03	0.03592	11.35	11.35	0	ANNUAL	LINE	5
610679.43	4205749.03	0.03513	11.25	11.25	0	ANNUAL	LINE	5
610686.43	4205749.03	0.03435	11.16	11.16	0	ANNUAL	LINE	5
610693.43	4205749.03	0.03359	11.06	11.06	0	ANNUAL	LINE	5
610700.43	4205749.03	0.03284	10.97	10.97	0	ANNUAL	LINE	5
610707.43	4205749.03	0.0321	10.87	10.87	0	ANNUAL	LINE	5
610728.43	4205749.03	0.02998	10.79	10.79	0	ANNUAL	LINE	5
610735.43	4205749.03	0.0293	10.77	10.77	0	ANNUAL	LINE	5
610742.43	4205749.03	0.02864	10.76	10.76	0	ANNUAL	LINE	5
610749.43	4205749.03	0.028	10.74	10.74	0	ANNUAL	LINE	5
610756.43	4205749.03	0.02738	10.73	10.73	0	ANNUAL	LINE	5
610763.43	4205749.03	0.02678	10.71	10.71	0	ANNUAL	LINE	5
610770.43	4205749.03	0.02619	10.7	10.7	0	ANNUAL	LINE	5
610777.43	4205749.03	0.02562	10.68	10.68	0	ANNUAL	LINE	5
610784.43	4205749.03	0.02507	10.67	10.67	0	ANNUAL	LINE	5
610791.43	4205749.03	0.02453	10.67	10.67	0	ANNUAL	LINE	5
610798.43	4205749.03	0.02401	10.67	10.67	0	ANNUAL	LINE	5
610805.43	4205749.03	0.02351	10.68	10.68	0	ANNUAL	LINE	5
610812.43	4205749.03	0.02303	10.68	10.68	0	ANNUAL	LINE	5
610819.43	4205749.03	0.02256	10.68	10.68	0	ANNUAL	LINE	5
610826.43	4205749.03	0.02211	10.68	10.68	0	ANNUAL	LINE	5
610833.43	4205749.03	0.02167	10.68	10.68	0	ANNUAL	LINE	5
610840.43	4205749.03	0.02125	10.69	10.69	0	ANNUAL	LINE	5
610847.43	4205749.03	0.02085	10.69	10.69	0	ANNUAL	LINE	5
610854.43	4205749.03	0.02046	10.69	10.69	0	ANNUAL	LINE	5
610861.43	4205749.03	0.02008	10.65	10.65	0	ANNUAL	LINE	5
610868.43	4205749.03	0.01972	10.57	10.57	0	ANNUAL	LINE	5
610875.43	4205749.03	0.01937	10.49	10.49	0	ANNUAL	LINE	5
610882.43	4205749.03	0.01903	10.41	10.41	0	ANNUAL	LINE	5
610889.43	4205749.03	0.01871	10.33	10.33	0	ANNUAL	LINE	5
610910.43	4205749.03	0.0178	10.09	10.09	0	ANNUAL	LINE	5
610917.43	4205749.03	0.01752	10.01	10.01	0	ANNUAL	LINE	5
610924.43	4205749.03	0.01724	9.93	9.93	0	ANNUAL	LINE	5
610931.43	4205749.03	0.01698	9.86	9.86	0	ANNUAL	LINE	5
610938.43	4205749.03	0.01672	9.86	9.86	0	ANNUAL	LINE	5
610945.43	4205749.03	0.01647	9.86	9.86	0	ANNUAL	LINE	5
610952.43	4205749.03	0.01623	9.86	9.86	0	ANNUAL	LINE	5
610959.43	4205749.03	0.016	9.86	9.86	0	ANNUAL	LINE	5
610966.43	4205749.03	0.01577	9.86	9.86	0	ANNUAL	LINE	5
610973.43	4205749.03	0.01555	9.86	9.86	0	ANNUAL	LINE	5
610980.43	4205749.03	0.01533	9.86	9.86	0	ANNUAL	LINE	5
610987.43	4205749.03	0.01513	9.86	9.86	0	ANNUAL	LINE	5
610994.43	4205749.03	0.01493	9.87	9.87	0	ANNUAL	LINE	5
611001.43	4205749.03	0.01473	9.87	9.87	0	ANNUAL	LINE	5
611008.43	4205749.03	0.01454	9.87	9.87	0	ANNUAL	LINE	5
611015.43	4205749.03	0.01435	9.87	9.87	0	ANNUAL	LINE	5
611022.43	4205749.03	0.01417	9.87	9.87	0	ANNUAL	LINE	5
611029.43	4205749.03	0.014	9.87	9.87	0	ANNUAL	LINE	5
611050.43	4205749.03	0.01349	9.87	9.87	0	ANNUAL	LINE	5
611057.43	4205749.03	0.01333	9.88	9.88	0	ANNUAL	LINE	5
611064.43	4205749.03	0.01318	9.88	9.88	0	ANNUAL	LINE	5
611071.43	4205749.03	0.01302	9.88	9.88	0	ANNUAL	LINE	5
611078.43	4205749.03	0.01287	9.88	9.88	0	ANNUAL	LINE	5
611085.43	4205749.03	0.01273	9.88	9.88	0	ANNUAL	LINE	5
611092.43	4205749.03	0.01258	9.88	9.88	0	ANNUAL	LINE	5
610294.43	4205756.03	0.08716	15.38	15.38	0	ANNUAL	LINE	5
610301.43	4205756.03	0.08635	15.28	15.28	0	ANNUAL	LINE	5
610308.43	4205756.03	0.08552	15.19	15.19	0	ANNUAL	LINE	5
610315.43	4205756.03	0.08469	15.09	15.09	0	ANNUAL	LINE	5

610322.43	4205756.03	0.08386	15	15	0	ANNUAL	LINE	5
610329.43	4205756.03	0.08298	14.91	14.91	0	ANNUAL	LINE	5
610336.43	4205756.03	0.08212	14.81	14.81	0	ANNUAL	LINE	5
610343.43	4205756.03	0.08126	14.72	14.72	0	ANNUAL	LINE	5
610350.43	4205756.03	0.08058	14.62	14.62	0	ANNUAL	LINE	5
610357.43	4205756.03	0.0797	14.53	14.53	0	ANNUAL	LINE	5
610364.43	4205756.03	0.07881	14.43	14.43	0	ANNUAL	LINE	5
610371.43	4205756.03	0.07792	14.34	14.34	0	ANNUAL	LINE	5
610378.43	4205756.03	0.07701	14.24	14.24	0	ANNUAL	LINE	5
610385.43	4205756.03	0.07608	14.15	14.15	0	ANNUAL	LINE	5
610392.43	4205756.03	0.07517	14.05	14.05	0	ANNUAL	LINE	5
610399.43	4205756.03	0.07421	13.96	13.96	0	ANNUAL	LINE	5
610406.43	4205756.03	0.07323	13.86	13.86	0	ANNUAL	LINE	5
610413.43	4205756.03	0.07224	13.77	13.77	0	ANNUAL	LINE	5
610420.43	4205756.03	0.07125	13.68	13.68	0	ANNUAL	LINE	5
610427.43	4205756.03	0.07026	13.58	13.58	0	ANNUAL	LINE	5
610434.43	4205756.03	0.06926	13.49	13.49	0	ANNUAL	LINE	5
610441.43	4205756.03	0.06826	13.39	13.39	0	ANNUAL	LINE	5
610448.43	4205756.03	0.06725	13.3	13.3	0	ANNUAL	LINE	5
610455.43	4205756.03	0.06625	13.2	13.2	0	ANNUAL	LINE	5
610462.43	4205756.03	0.06525	13.11	13.11	0	ANNUAL	LINE	5
610469.43	4205756.03	0.06424	13.01	13.01	0	ANNUAL	LINE	5
610476.43	4205756.03	0.06324	12.92	12.92	0	ANNUAL	LINE	5
610483.43	4205756.03	0.06224	12.82	12.82	0	ANNUAL	LINE	5
610490.43	4205756.03	0.06123	12.73	12.73	0	ANNUAL	LINE	5
610504.43	4205756.03	0.05922	12.59	12.59	0	ANNUAL	LINE	5
610511.43	4205756.03	0.05822	12.52	12.52	0	ANNUAL	LINE	5
610518.43	4205756.03	0.05721	12.45	12.45	0	ANNUAL	LINE	5
610525.43	4205756.03	0.0562	12.39	12.39	0	ANNUAL	LINE	5
610532.43	4205756.03	0.0552	12.32	12.32	0	ANNUAL	LINE	5
610539.43	4205756.03	0.0542	12.25	12.25	0	ANNUAL	LINE	5
610546.43	4205756.03	0.0532	12.18	12.18	0	ANNUAL	LINE	5
610553.43	4205756.03	0.05221	12.11	12.11	0	ANNUAL	LINE	5
610560.43	4205756.03	0.05123	12.04	12.04	0	ANNUAL	LINE	5
610567.43	4205756.03	0.05025	11.99	11.99	0	ANNUAL	LINE	5
610574.43	4205756.03	0.04926	11.96	11.96	0	ANNUAL	LINE	5
610581.43	4205756.03	0.04829	11.94	11.94	0	ANNUAL	LINE	5
610588.43	4205756.03	0.04732	11.91	11.91	0	ANNUAL	LINE	5
610595.43	4205756.03	0.04637	11.89	11.89	0	ANNUAL	LINE	5
610602.43	4205756.03	0.04542	11.86	11.86	0	ANNUAL	LINE	5
610609.43	4205756.03	0.04448	11.84	11.84	0	ANNUAL	LINE	5
610616.43	4205756.03	0.04355	11.81	11.81	0	ANNUAL	LINE	5
610623.43	4205756.03	0.04263	11.79	11.79	0	ANNUAL	LINE	5
610630.43	4205756.03	0.04172	11.76	11.76	0	ANNUAL	LINE	5
610651.43	4205756.03	0.03908	11.55	11.55	0	ANNUAL	LINE	5
610658.43	4205756.03	0.03823	11.46	11.46	0	ANNUAL	LINE	5
610665.43	4205756.03	0.03739	11.36	11.36	0	ANNUAL	LINE	5
610672.43	4205756.03	0.03656	11.27	11.27	0	ANNUAL	LINE	5
610679.43	4205756.03	0.03575	11.17	11.17	0	ANNUAL	LINE	5
610686.43	4205756.03	0.03495	11.08	11.08	0	ANNUAL	LINE	5
610693.43	4205756.03	0.03416	10.99	10.99	0	ANNUAL	LINE	5
610700.43	4205756.03	0.03339	10.89	10.89	0	ANNUAL	LINE	5
610707.43	4205756.03	0.03264	10.8	10.8	0	ANNUAL	LINE	5
610728.43	4205756.03	0.03046	10.69	10.69	0	ANNUAL	LINE	5
610735.43	4205756.03	0.02977	10.67	10.67	0	ANNUAL	LINE	5
610742.43	4205756.03	0.02909	10.65	10.65	0	ANNUAL	LINE	5
610749.43	4205756.03	0.02844	10.62	10.62	0	ANNUAL	LINE	5
610756.43	4205756.03	0.0278	10.6	10.6	0	ANNUAL	LINE	5
610763.43	4205756.03	0.02718	10.58	10.58	0	ANNUAL	LINE	5
610770.43	4205756.03	0.02658	10.56	10.56	0	ANNUAL	LINE	5
610777.43	4205756.03	0.026	10.54	10.54	0	ANNUAL	LINE	5
610784.43	4205756.03	0.02544	10.52	10.52	0	ANNUAL	LINE	5
610791.43	4205756.03	0.02489	10.52	10.52	0	ANNUAL	LINE	5
610798.43	4205756.03	0.02436	10.52	10.52	0	ANNUAL	LINE	5
610805.43	4205756.03	0.02385	10.52	10.52	0	ANNUAL	LINE	5
610812.43	4205756.03	0.02336	10.53	10.53	0	ANNUAL	LINE	5
610819.43	4205756.03	0.02288	10.53	10.53	0	ANNUAL	LINE	5
610826.43	4205756.03	0.02242	10.53	10.53	0	ANNUAL	LINE	5
610833.43	4205756.03	0.02197	10.53	10.53	0	ANNUAL	LINE	5
610840.43	4205756.03	0.02154	10.54	10.54	0	ANNUAL	LINE	5
610847.43	4205756.03	0.02113	10.54	10.54	0	ANNUAL	LINE	5
610854.43	4205756.03	0.02073	10.54	10.54	0	ANNUAL	LINE	5
610861.43	4205756.03	0.02035	10.5	10.5	0	ANNUAL	LINE	5
610868.43	4205756.03	0.01998	10.43	10.43	0	ANNUAL	LINE	5
610875.43	4205756.03	0.01963	10.35	10.35	0	ANNUAL	LINE	5
610882.43	4205756.03	0.01929	10.28	10.28	0	ANNUAL	LINE	5
610889.43	4205756.03	0.01895	10.21	10.21	0	ANNUAL	LINE	5
610910.43	4205756.03	0.01803	9.99	9.99	0	ANNUAL	LINE	5
610917.43	4205756.03	0.01774	9.92	9.92	0	ANNUAL	LINE	5
610924.43	4205756.03	0.01746	9.84	9.84	0	ANNUAL	LINE	5
610931.43	4205756.03	0.01719	9.78	9.78	0	ANNUAL	LINE	5
610938.43	4205756.03	0.01693	9.78	9.78	0	ANNUAL	LINE	5
610945.43	4205756.03	0.01668	9.78	9.78	0	ANNUAL	LINE	5
610952.43	4205756.03	0.01643	9.78	9.78	0	ANNUAL	LINE	5
610959.43	4205756.03	0.01619	9.79	9.79	0	ANNUAL	LINE	5
610966.43	4205756.03	0.01596	9.79	9.79	0	ANNUAL	LINE	5
610973.43	4205756.03	0.01574	9.79	9.79	0	ANNUAL	LINE	5
610980.43	4205756.03	0.01552	9.79	9.79	0	ANNUAL	LINE	5
610987.43	4205756.03	0.01531	9.79	9.79	0	ANNUAL	LINE	5
610994.43	4205756.03	0.01511	9.79	9.79	0	ANNUAL	LINE	5
611001.43	4205756.03	0.01491	9.79	9.79	0	ANNUAL	LINE	5
611008.43	4205756.03	0.01471	9.79	9.79	0	ANNUAL	LINE	5
611015.43	4205756.03	0.01453	9.79	9.79	0	ANNUAL	LINE	5
611022.43	4205756.03	0.01434	9.79	9.79	0	ANNUAL	LINE	5
611029.43	4205756.03	0.01416	9.8	9.8	0	ANNUAL	LINE	5
611050.43	4205756.03	0.01365	9.8	9.8	0	ANNUAL	LINE	5
611057.43	4205756.03	0.01349	9.8	9.8	0	ANNUAL	LINE	5
611064.43	4205756.03	0.01333	9.8	9.8	0	ANNUAL	LINE	5
611071.43	4205756.03	0.01317	9.8	9.8	0	ANNUAL	LINE	5
611078.43	4205756.03	0.01302	9.8	9.8	0	ANNUAL	LINE	5
611085.43	4205756.03	0.01287	9.8	9.8	0	ANNUAL	LINE	5
611092.43	4205756.03	0.01272	9.8	9.8	0	ANNUAL	LINE	5
610294.43	4205763.03	0.08917	15.3	15.3	0	ANNUAL	LINE	5
610301.43	4205763.03	0.08836	15.21	15.21	0	ANNUAL	LINE	5
610308.43	4205763.03	0.08752	15.11	15.11	0	ANNUAL	LINE	5
610315.43	4205763.03	0.08669	15.02	15.02	0	ANNUAL	LINE	5
610322.43	4205763.03	0.08581	14.92	14.92	0	ANNUAL	LINE	5
610329.43	4205763.03	0.08494	14.83	14.83	0	ANNUAL	LINE	5
610336.43	4205763.03	0.08408	14.73	14.73	0	ANNUAL	LINE	5
610343.43	4205763.03	0.08337	14.64	14.64	0	ANNUAL	LINE	5
610350.43	4205763.03	0.0825	14.54	14.54	0	ANNUAL	LINE	5
610357.43	4205763.03	0.08159	14.45	14.45	0	ANNUAL	LINE	5
610364.43	4205763.03	0.08068	14.36	14.36	0	ANNUAL	LINE	5
610371.43	4205763.03	0.07977	14.26	14.26	0	ANNUAL	LINE	5
610378.43	4205763.03	0.07884	14.17	14.17	0	ANNUAL	LINE	5
610385.43	4205763.03	0.07789	14.07	14.07	0	ANNUAL	LINE	5
610392.43	4205763.03	0.07693	13.98	13.98	0	ANNUAL	LINE	5
610399.43	4205763.03	0.07594	13.88	13.88	0	ANNUAL	LINE	5
610406.43	4205763.03	0.07493	13.79	13.79	0	ANNUAL	LINE	5
610413.43	4205763.03	0.07392	13.69	13.69	0	ANNUAL	LINE	5
610420.43	4205763.03	0.0729	13.6	13.6	0	ANNUAL	LINE	5
610427.43	4205763.03	0.07188	13.5	13.5	0	ANNUAL	LINE	5
610434.43	4205763.03	0.07086	13.41	13.41	0	ANNUAL	LINE	5
610441.43	4205763.03	0.06983	13.31	13.31	0	ANNUAL	LINE	5
610448.43	4205763.03	0.0688	13.22	13.22	0	ANNUAL	LINE	5
610455.43	4205763.03	0.06777	13.13	13.13	0	ANNUAL	LINE	5
610462.43	4205763.03	0.06674	13.03	13.03	0	ANNUAL	LINE	5
610469.43	4205763.03	0.06571	12.94	12.94	0	ANNUAL	LINE	5
610476.43	4205763.03	0.06468	12.84	12.84	0	ANNUAL	LINE	5
610483.43	4205763.03	0.06365	12.75	12.75	0	ANNUAL	LINE	5
610490.43	4205763.03	0.06262	12.65	12.65	0	ANNUAL	LINE	5
610504.43	4205763.03	0.06054	12.53	12.53	0	ANNUAL	LINE	5
610511.43	4205763.03	0.0595	12.47	12.47	0	ANNUAL	LINE	5
610518.43	4205763.03	0.05846	12.41	12.41	0	ANNUAL	LINE	5
610525.43	4205763.03	0.05743	12.34	12.34	0	ANNUAL	LINE	5
610532.43	4205763.03	0.05639	12.28	12.28	0	ANNUAL	LINE	5
610539.43	4205763.03	0.05536	12.22	12.22	0	ANNUAL	LINE	5
610546.43	4205763.03	0.05433	12.16	12.16	0	ANNUAL	LINE	5
610553.43	4205763.03	0.05331	12.1	12.1	0	ANNUAL	LINE	5
610560.43	4205763.03	0.0523	12.04	12.04	0	ANNUAL	LINE	5
610567.43	4205763.03	0.05129	11.99	11.99	0	ANNUAL	LINE	5
610574.43	4205763.03	0.05028	11.95	11.95	0	ANNUAL	LINE	5
610581.43	4205763.03	0.04928	11.92	11.92	0	ANNUAL	LINE	5
610588.43	4205763.03	0.04829	11.89	11.89	0	ANNUAL	LINE	5
610595.43	4205763.03	0.0473	11.85	11.85	0	ANNUAL	LINE	5
610602.43	4205763.03	0.04633	11.82	11.82	0	ANNUAL	LINE	5
610609.43	4205763.03	0.04536	11.79	11.79	0	ANNUAL	LINE	5
610616.43	4205763.03	0.04441	11.76	11.76	0	ANNUAL	LINE	5
610623.43	4205763.03	0.04346	11.73	11.73	0	ANNUAL	LINE	5
610630.43	4205763.03	0.04253	11.69	11.69	0	ANNUAL	LINE	5
610651.43	4205763.03	0.03982	11.48	11.48	0	ANNUAL	LINE	5
610658.43	4205763.03	0.03894	11.38	11.38	0	ANNUAL	LINE	5
610665.43	4205763.03	0.03808	11.29	11.29	0	ANNUAL	LINE	5
610672.43	4205763.03	0.03722	11.19	11.19	0	ANNUAL	LINE	5
610679.43	4205763.03	0.03639	11.1	11.1	0	ANNUAL	LINE	5
610686.43	4205763.03	0.03556	11	11	0	ANNUAL	LINE	5
610693.43	4205763.03	0.03475	10.91	10.91	0	ANNUAL	LINE	5
610700.43	4205763.03	0.03396	10.81	10.81	0	ANNUAL	LINE	5
610707.43	4205763.03	0.03319	10.72	10.72	0	ANNUAL	LINE	5
610714.43	4205763.03	0.03243	10.66	10.66	0	ANNUAL	LINE	5
610735.43	4205763.03	0.03025	10.57	10.57	0	ANNUAL	LINE	5
610742.43	4205763.03	0.02956	10.54	10.54	0	ANNUAL	LINE	5
610749.43	4205763.03	0.02889	10.51	10.51	0	ANNUAL	LINE	5
610756.43	4205763.03	0.02823	10.48	10.48	0	ANNUAL	LINE	5
610763.43	4205763.03	0.0276	10.45	10.45	0	ANNUAL	LINE	5
610770.43	4205763.03	0.02699	10.42	10.42	0	ANNUAL	LINE	5
610777.43	4205763.03	0.02639	10.39	10.39	0	ANNUAL	LINE	5
610784.43	4205763.03	0.02582	10.37	10.37	0	ANNUAL	LINE	5
610791.43	4205763.03	0.02526	10.37	10.37	0	ANNUAL	LINE	5
610798.43	4205763.03	0.02472	10.37	10.37	0	ANNUAL	LINE	5
610805.43	4205763.03	0.02419	10.37	10.37	0	ANNUAL	LINE	5
610812.43	4205763.03	0.02369	10.38	10.38	0	ANNUAL	LINE	5
610819.43	4205763.03	0.0232	10.38	10.38	0	ANNUAL	LINE	5
610826.43	4205763.03	0.02273	10.38	10.38	0	ANNUAL	LINE	5
610833.43	4205763.03	0.02228	10.38	10.38	0	ANNUAL	LINE	5
610840.43	4205763.03	0.02184	10.38	10.38	0	ANNUAL	LINE	5
610847.43	4205763.03	0.02142	10.39	10.39	0	ANNUAL	LINE	5
610854.43	4205763.03	0.02102	10.39	10.39	0	ANNUAL	LINE	5
610861.43	4205763.03	0.02063	10.35	10.35	0	ANNUAL	LINE	5
610868.43	4205763.03	0.02025	10.29	10.29	0	ANNUAL	LINE	5
610875.43	4205763.03	0.01989	10.22	10.22	0	ANNUAL	LINE	5
610882.43	4205763.03	0.01954	10.16	10.16	0	ANNUAL	LINE	5
610889.43	4205763.03	0.0192	10.09	10.09	0	ANNUAL	LINE	5
610910.43	4205763.03	0.01826	9.89	9.89	0	ANNUAL	LINE	5
610917.43	4205763.03	0.01797	9.83	9.83	0	ANNUAL	LINE	5
610924.43	4205763.03	0.01768	9.76	9.76	0	ANNUAL	LINE	5
610931.43	4205763.03	0.01741	9.71	9.71	0	ANNUAL	LINE	5
610938.43	4205763.03	0.01714	9.71	9.71	0	ANNUAL	LINE	5
610945.43	4205763.03	0.01689	9.71	9.71	0	ANNUAL	LINE	5
610952.43	4205763.03	0.01664	9.71	9.71	0	ANNUAL	LINE	5
610959.43	4205763.03	0.0164	9.71	9.71	0	ANNUAL	LINE	5
610966.43	4205763.03	0.01616	9.71	9.71	0	ANNUAL	LINE	5
610973.43	4205763.03	0.01593	9.71	9.71	0	ANNUAL	LINE	5
610980.43	4205763.03	0.01571	9.71	9.71	0	ANNUAL	LINE	5
610987.43	4205763.03	0.0155	9.71	9.71	0	ANNUAL	LINE	5
610994.43	4205763.03	0.01529	9.71	9.71	0	ANNUAL	LINE	5
611001.43	4205763.03	0.01509	9.72	9.72	0	ANNUAL	LINE	5
611008.43	4205763.03	0.01489	9.72	9.72	0	ANNUAL	LINE	5
611015.43	4205763.03	0.0147	9.72	9.72	0	ANNUAL	LINE	5
611022.43	4205763.03	0.01451	9.72	9.72	0	ANNUAL	LINE	5
611029.43	4205763.03	0.01433	9.72	9.72	0	ANNUAL	LINE	5
611050.43	4205763.03	0.01381	9.72	9.72	0	ANNUAL	LINE	5
611057.43	4205763.03	0.01365	9.72	9.72	0	ANNUAL	LINE	5
611064.43	4205763.03	0.01349	9.72	9.72	0	ANNUAL	LINE	5
611071.43	4205763.03	0.01333	9.73	9.73	0	ANNUAL	LINE	5
611078.43	4205763.03	0.01317	9.73	9.73	0	ANNUAL	LINE	5
611085.43	4205763.03	0.01302	9.73	9.73	0	ANNUAL	LINE	5
611092.43	4205763.03	0.01287	9.73	9.73	0	ANNUAL	LINE	5
610294.43	4205770.03	0.09129	15.22	15.22	0	ANNUAL	LINE	5
610301.43	4205770.03	0.09045	15.13	15.13	0	ANNUAL	LINE	5
610308.43	4205770.03	0.08959	15.04	15.04	0	ANNUAL	LINE	5

610315.43	4205770.03	0.08872	14.94	14.94	0	ANNUAL	LINE	5
610322.43	4205770.03	0.08785	14.85	14.85	0	ANNUAL	LINE	5
610329.43	4205770.03	0.08698	14.75	14.75	0	ANNUAL	LINE	5
610336.43	4205770.03	0.08605	14.66	14.66	0	ANNUAL	LINE	5
610343.43	4205770.03	0.08538	14.56	14.56	0	ANNUAL	LINE	5
610350.43	4205770.03	0.08446	14.47	14.47	0	ANNUAL	LINE	5
610357.43	4205770.03	0.08356	14.37	14.37	0	ANNUAL	LINE	5
610364.43	4205770.03	0.08262	14.28	14.28	0	ANNUAL	LINE	5
610371.43	4205770.03	0.08169	14.18	14.18	0	ANNUAL	LINE	5
610378.43	4205770.03	0.08073	14.09	14.09	0	ANNUAL	LINE	5
610385.43	4205770.03	0.07976	13.99	13.99	0	ANNUAL	LINE	5
610392.43	4205770.03	0.07874	13.9	13.9	0	ANNUAL	LINE	5
610399.43	4205770.03	0.07772	13.81	13.81	0	ANNUAL	LINE	5
610406.43	4205770.03	0.07669	13.71	13.71	0	ANNUAL	LINE	5
610413.43	4205770.03	0.07565	13.62	13.62	0	ANNUAL	LINE	5
610420.43	4205770.03	0.07461	13.52	13.52	0	ANNUAL	LINE	5
610427.43	4205770.03	0.07357	13.43	13.43	0	ANNUAL	LINE	5
610434.43	4205770.03	0.07252	13.33	13.33	0	ANNUAL	LINE	5
610441.43	4205770.03	0.07146	13.24	13.24	0	ANNUAL	LINE	5
610448.43	4205770.03	0.07041	13.14	13.14	0	ANNUAL	LINE	5
610455.43	4205770.03	0.06935	13.05	13.05	0	ANNUAL	LINE	5
610462.43	4205770.03	0.06829	12.95	12.95	0	ANNUAL	LINE	5
610469.43	4205770.03	0.06723	12.86	12.86	0	ANNUAL	LINE	5
610476.43	4205770.03	0.06617	12.76	12.76	0	ANNUAL	LINE	5
610483.43	4205770.03	0.06512	12.67	12.67	0	ANNUAL	LINE	5
610490.43	4205770.03	0.06406	12.58	12.58	0	ANNUAL	LINE	5
610504.43	4205770.03	0.06192	12.46	12.46	0	ANNUAL	LINE	5
610511.43	4205770.03	0.06084	12.41	12.41	0	ANNUAL	LINE	5
610518.43	4205770.03	0.05976	12.36	12.36	0	ANNUAL	LINE	5
610525.43	4205770.03	0.05869	12.3	12.3	0	ANNUAL	LINE	5
610532.43	4205770.03	0.05763	12.25	12.25	0	ANNUAL	LINE	5
610539.43	4205770.03	0.05657	12.19	12.19	0	ANNUAL	LINE	5
610546.43	4205770.03	0.05551	12.14	12.14	0	ANNUAL	LINE	5
610553.43	4205770.03	0.05445	12.09	12.09	0	ANNUAL	LINE	5
610560.43	4205770.03	0.05341	12.03	12.03	0	ANNUAL	LINE	5
610567.43	4205770.03	0.05237	11.98	11.98	0	ANNUAL	LINE	5
610574.43	4205770.03	0.05133	11.94	11.94	0	ANNUAL	LINE	5
610581.43	4205770.03	0.0503	11.9	11.9	0	ANNUAL	LINE	5
610588.43	4205770.03	0.04928	11.86	11.86	0	ANNUAL	LINE	5
610595.43	4205770.03	0.04827	11.82	11.82	0	ANNUAL	LINE	5
610602.43	4205770.03	0.04727	11.78	11.78	0	ANNUAL	LINE	5
610609.43	4205770.03	0.04628	11.74	11.74	0	ANNUAL	LINE	5
610616.43	4205770.03	0.04529	11.7	11.7	0	ANNUAL	LINE	5
610623.43	4205770.03	0.04432	11.66	11.66	0	ANNUAL	LINE	5
610630.43	4205770.03	0.04336	11.63	11.63	0	ANNUAL	LINE	5
610651.43	4205770.03	0.04057	11.4	11.4	0	ANNUAL	LINE	5
610658.43	4205770.03	0.03967	11.3	11.3	0	ANNUAL	LINE	5
610665.43	4205770.03	0.03878	11.21	11.21	0	ANNUAL	LINE	5
610672.43	4205770.03	0.0379	11.12	11.12	0	ANNUAL	LINE	5
610679.43	4205770.03	0.03704	11.02	11.02	0	ANNUAL	LINE	5
610686.43	4205770.03	0.03619	10.93	10.93	0	ANNUAL	LINE	5
610693.43	4205770.03	0.03536	10.83	10.83	0	ANNUAL	LINE	5
610700.43	4205770.03	0.03455	10.74	10.74	0	ANNUAL	LINE	5
610707.43	4205770.03	0.03376	10.64	10.64	0	ANNUAL	LINE	5
610714.43	4205770.03	0.03297	10.58	10.58	0	ANNUAL	LINE	5
610742.43	4205770.03	0.03003	10.43	10.43	0	ANNUAL	LINE	5
610749.43	4205770.03	0.02935	10.39	10.39	0	ANNUAL	LINE	5
610756.43	4205770.03	0.02868	10.36	10.36	0	ANNUAL	LINE	5
610763.43	4205770.03	0.02803	10.32	10.32	0	ANNUAL	LINE	5
610770.43	4205770.03	0.0274	10.28	10.28	0	ANNUAL	LINE	5
610777.43	4205770.03	0.02679	10.25	10.25	0	ANNUAL	LINE	5
610784.43	4205770.03	0.0262	10.22	10.22	0	ANNUAL	LINE	5
610791.43	4205770.03	0.02563	10.22	10.22	0	ANNUAL	LINE	5
610798.43	4205770.03	0.02508	10.22	10.22	0	ANNUAL	LINE	5
610805.43	4205770.03	0.02455	10.22	10.22	0	ANNUAL	LINE	5
610812.43	4205770.03	0.02403	10.22	10.22	0	ANNUAL	LINE	5
610819.43	4205770.03	0.02354	10.23	10.23	0	ANNUAL	LINE	5
610826.43	4205770.03	0.02306	10.23	10.23	0	ANNUAL	LINE	5
610833.43	4205770.03	0.0226	10.23	10.23	0	ANNUAL	LINE	5
610840.43	4205770.03	0.02215	10.23	10.23	0	ANNUAL	LINE	5
610847.43	4205770.03	0.02172	10.23	10.23	0	ANNUAL	LINE	5
610854.43	4205770.03	0.02131	10.24	10.24	0	ANNUAL	LINE	5
610861.43	4205770.03	0.02091	10.2	10.2	0	ANNUAL	LINE	5
610868.43	4205770.03	0.02053	10.14	10.14	0	ANNUAL	LINE	5
610875.43	4205770.03	0.02016	10.09	10.09	0	ANNUAL	LINE	5
610882.43	4205770.03	0.0198	10.03	10.03	0	ANNUAL	LINE	5
610889.43	4205770.03	0.01946	9.97	9.97	0	ANNUAL	LINE	5
610910.43	4205770.03	0.0185	9.8	9.8	0	ANNUAL	LINE	5
610917.43	4205770.03	0.0182	9.74	9.74	0	ANNUAL	LINE	5
610924.43	4205770.03	0.01791	9.68	9.68	0	ANNUAL	LINE	5
610931.43	4205770.03	0.01763	9.63	9.63	0	ANNUAL	LINE	5
610938.43	4205770.03	0.01736	9.63	9.63	0	ANNUAL	LINE	5
610945.43	4205770.03	0.0171	9.63	9.63	0	ANNUAL	LINE	5
610952.43	4205770.03	0.01685	9.63	9.63	0	ANNUAL	LINE	5
610959.43	4205770.03	0.0166	9.63	9.63	0	ANNUAL	LINE	5
610966.43	4205770.03	0.01637	9.63	9.63	0	ANNUAL	LINE	5
610973.43	4205770.03	0.01613	9.64	9.64	0	ANNUAL	LINE	5
610980.43	4205770.03	0.01591	9.64	9.64	0	ANNUAL	LINE	5
610987.43	4205770.03	0.01569	9.64	9.64	0	ANNUAL	LINE	5
610994.43	4205770.03	0.01548	9.64	9.64	0	ANNUAL	LINE	5
611001.43	4205770.03	0.01528	9.64	9.64	0	ANNUAL	LINE	5
611008.43	4205770.03	0.01508	9.64	9.64	0	ANNUAL	LINE	5
611015.43	4205770.03	0.01488	9.64	9.64	0	ANNUAL	LINE	5
611022.43	4205770.03	0.01469	9.64	9.64	0	ANNUAL	LINE	5
611043.43	4205770.03	0.01415	9.65	9.65	0	ANNUAL	LINE	5
611050.43	4205770.03	0.01398	9.65	9.65	0	ANNUAL	LINE	5
611057.43	4205770.03	0.01381	9.65	9.65	0	ANNUAL	LINE	5
611064.43	4205770.03	0.01364	9.65	9.65	0	ANNUAL	LINE	5
611071.43	4205770.03	0.01348	9.65	9.65	0	ANNUAL	LINE	5
611078.43	4205770.03	0.01333	9.65	9.65	0	ANNUAL	LINE	5
611085.43	4205770.03	0.01317	9.65	9.65	0	ANNUAL	LINE	5
611092.43	4205770.03	0.01302	9.65	9.65	0	ANNUAL	LINE	5
610294.43	4205777.03	0.09344	15.15	15.15	0	ANNUAL	LINE	5
610301.43	4205777.03	0.0926	15.05	15.05	0	ANNUAL	LINE	5
610308.43	4205777.03	0.09173	14.96	14.96	0	ANNUAL	LINE	5
610315.43	4205777.03	0.09085	14.86	14.86	0	ANNUAL	LINE	5
610322.43	4205777.03	0.08998	14.77	14.77	0	ANNUAL	LINE	5
610329.43	4205777.03	0.08905	14.67	14.67	0	ANNUAL	LINE	5
610336.43	4205777.03	0.08837	14.58	14.58	0	ANNUAL	LINE	5
610343.43	4205777.03	0.08745	14.49	14.49	0	ANNUAL	LINE	5
610350.43	4205777.03	0.08651	14.39	14.39	0	ANNUAL	LINE	5
610357.43	4205777.03	0.08558	14.3	14.3	0	ANNUAL	LINE	5
610364.43	4205777.03	0.08463	14.2	14.2	0	ANNUAL	LINE	5
610371.43	4205777.03	0.08365	14.11	14.11	0	ANNUAL	LINE	5
610378.43	4205777.03	0.08269	14.01	14.01	0	ANNUAL	LINE	5
610385.43	4205777.03	0.08166	13.92	13.92	0	ANNUAL	LINE	5
610392.43	4205777.03	0.08062	13.82	13.82	0	ANNUAL	LINE	5
610399.43	4205777.03	0.07957	13.73	13.73	0	ANNUAL	LINE	5
610406.43	4205777.03	0.07852	13.63	13.63	0	ANNUAL	LINE	5
610413.43	4205777.03	0.07745	13.54	13.54	0	ANNUAL	LINE	5
610420.43	4205777.03	0.07639	13.44	13.44	0	ANNUAL	LINE	5
610427.43	4205777.03	0.07531	13.35	13.35	0	ANNUAL	LINE	5
610434.43	4205777.03	0.07423	13.26	13.26	0	ANNUAL	LINE	5
610441.43	4205777.03	0.07315	13.16	13.16	0	ANNUAL	LINE	5
610448.43	4205777.03	0.07207	13.07	13.07	0	ANNUAL	LINE	5
610455.43	4205777.03	0.07099	12.97	12.97	0	ANNUAL	LINE	5
610462.43	4205777.03	0.0699	12.88	12.88	0	ANNUAL	LINE	5
610469.43	4205777.03	0.06881	12.78	12.78	0	ANNUAL	LINE	5
610476.43	4205777.03	0.06772	12.69	12.69	0	ANNUAL	LINE	5
610483.43	4205777.03	0.06664	12.59	12.59	0	ANNUAL	LINE	5
610490.43	4205777.03	0.06555	12.5	12.5	0	ANNUAL	LINE	5
610504.43	4205777.03	0.06333	12.4	12.4	0	ANNUAL	LINE	5
610511.43	4205777.03	0.06222	12.36	12.36	0	ANNUAL	LINE	5
610518.43	4205777.03	0.06111	12.31	12.31	0	ANNUAL	LINE	5
610525.43	4205777.03	0.06001	12.26	12.26	0	ANNUAL	LINE	5
610532.43	4205777.03	0.0589	12.22	12.22	0	ANNUAL	LINE	5
610539.43	4205777.03	0.05781	12.17	12.17	0	ANNUAL	LINE	5
610546.43	4205777.03	0.05672	12.12	12.12	0	ANNUAL	LINE	5
610553.43	4205777.03	0.05563	12.07	12.07	0	ANNUAL	LINE	5
610560.43	4205777.03	0.05455	12.03	12.03	0	ANNUAL	LINE	5
610567.43	4205777.03	0.05348	11.98	11.98	0	ANNUAL	LINE	5
610574.43	4205777.03	0.05242	11.93	11.93	0	ANNUAL	LINE	5
610581.43	4205777.03	0.05136	11.88	11.88	0	ANNUAL	LINE	5
610588.43	4205777.03	0.05031	11.84	11.84	0	ANNUAL	LINE	5
610595.43	4205777.03	0.04927	11.79	11.79	0	ANNUAL	LINE	5
610602.43	4205777.03	0.04824	11.74	11.74	0	ANNUAL	LINE	5
610609.43	4205777.03	0.04722	11.7	11.7	0	ANNUAL	LINE	5
610616.43	4205777.03	0.04621	11.65	11.65	0	ANNUAL	LINE	5
610623.43	4205777.03	0.04521	11.6	11.6	0	ANNUAL	LINE	5
610630.43	4205777.03	0.04422	11.56	11.56	0	ANNUAL	LINE	5
610637.43	4205777.03	0.04325	11.51	11.51	0	ANNUAL	LINE	5
610658.43	4205777.03	0.04042	11.23	11.23	0	ANNUAL	LINE	5
610665.43	4205777.03	0.0395	11.13	11.13	0	ANNUAL	LINE	5
610672.43	4205777.03	0.0386	11.04	11.04	0	ANNUAL	LINE	5
610679.43	4205777.03	0.03772	10.94	10.94	0	ANNUAL	LINE	5
610686.43	4205777.03	0.03685	10.85	10.85	0	ANNUAL	LINE	5
610693.43	4205777.03	0.03599	10.75	10.75	0	ANNUAL	LINE	5
610700.43	4205777.03	0.03516	10.66	10.66	0	ANNUAL	LINE	5
610707.43	4205777.03	0.03434	10.57	10.57	0	ANNUAL	LINE	5
610714.43	4205777.03	0.03354	10.5	10.5	0	ANNUAL	LINE	5
610721.43	4205777.03	0.03275	10.45	10.45	0	ANNUAL	LINE	5
610742.43	4205777.03	0.03052	10.32	10.32	0	ANNUAL	LINE	5
610749.43	4205777.03	0.02982	10.28	10.28	0	ANNUAL	LINE	5
610756.43	4205777.03	0.02913	10.23	10.23	0	ANNUAL	LINE	5
610763.43	4205777.03	0.02847	10.19	10.19	0	ANNUAL	LINE	5
610770.43	4205777.03	0.02783	10.15	10.15	0	ANNUAL	LINE	5
610777.43	4205777.03	0.02721	10.1	10.1	0	ANNUAL	LINE	5
610784.43	4205777.03	0.0266	10.06	10.06	0	ANNUAL	LINE	5
610791.43	4205777.03	0.02602	10.07	10.07	0	ANNUAL	LINE	5
610798.43	4205777.03	0.02545	10.07	10.07	0	ANNUAL	LINE	5
610805.43	4205777.03	0.02491	10.07	10.07	0	ANNUAL	LINE	5
610812.43	4205777.03	0.02438	10.07	10.07	0	ANNUAL	LINE	5
610819.43	4205777.03	0.02388	10.07	10.07	0	ANNUAL	LINE	5
610826.43	4205777.03	0.02339	10.08	10.08	0	ANNUAL	LINE	5
610833.43	4205777.03	0.02292	10.08	10.08	0	ANNUAL	LINE	5
610840.43	4205777.03	0.02246	10.08	10.08	0	ANNUAL	LINE	5
610847.43	4205777.03	0.02203	10.08	10.08	0	ANNUAL	LINE	5
610854.43	4205777.03	0.0216	10.09	10.09	0	ANNUAL	LINE	5
610861.43	4205777.03	0.0212	10.05	10.05	0	ANNUAL	LINE	5
610868.43	4205777.03	0.02081	10	10	0	ANNUAL	LINE	5
610875.43	4205777.03	0.02043	9.95	9.95	0	ANNUAL	LINE	5
610882.43	4205777.03	0.02007	9.9	9.9	0	ANNUAL	LINE	5
610889.43	4205777.03	0.01972	9.85	9.85	0	ANNUAL	LINE	5
610910.43	4205777.03	0.01874	9.7	9.7	0	ANNUAL	LINE	5
610917.43	4205777.03	0.01844	9.65	9.65	0	ANNUAL	LINE	5
610924.43	4205777.03	0.01815	9.6	9.6	0	ANNUAL	LINE	5
610931.43	4205777.03	0.01786	9.55	9.55	0	ANNUAL	LINE	5
610938.43	4205777.03	0.01759	9.55	9.55	0	ANNUAL	LINE	5
610945.43	4205777.03	0.01732	9.56	9.56	0	ANNUAL	LINE	5
610952.43	4205777.03	0.01706	9.56	9.56	0	ANNUAL	LINE	5
610959.43	4205777.03	0.01682	9.56	9.56	0	ANNUAL	LINE	5
610966.43	4205777.03	0.01657	9.56	9.56	0	ANNUAL	LINE	5
610973.43	4205777.03	0.01634	9.56	9.56	0	ANNUAL	LINE	5
610980.43	4205777.03	0.01611	9.56	9.56	0	ANNUAL	LINE	5
610987.43	4205777.03	0.01589	9.56	9.56	0	ANNUAL	LINE	5
610994.43	4205777.03	0.01568	9.56	9.56	0	ANNUAL	LINE	5
611001.43	4205777.03	0.01547	9.56	9.56	0	ANNUAL	LINE	5
611008.43	4205777.03	0.01526	9.57	9.57	0	ANNUAL	LINE	5
611015.43	4205777.03	0.01507	9.57	9.57	0	ANNUAL	LINE	5
611043.43	4205777.03	0.01432	9.57	9.57	0	ANNUAL	LINE	5
611050.43	4205777.03	0.01415	9.57	9.57	0	ANNUAL	LINE	5
611057.43	4205777.03	0.01398	9.57	9.57	0	ANNUAL	LINE	5
611064.43	4205777.03	0.01381	9.57	9.57	0	ANNUAL	LINE	5
611071.43	4205777.03	0.01364	9.57	9.57	0	ANNUAL	LINE	5
611078.43	4205777.03	0.01348	9.58	9.58	0	ANNUAL	LINE	5
611085.43	4205777.03	0.01333	9.58	9.58	0	ANNUAL	LINE	5
611092.43	4205777.03	0.01317	9.58	9.58	0	ANNUAL	LINE	5
610294.43	4205784.03	0.09569	15.07	15.07	0	ANNUAL	LINE	5
610301.43	4205784.03	0.09483	14.98	14.98	0	ANNUAL	LINE	5
610308.43	4205784.03	0.09395	14.88	14.88	0	ANNUAL	LINE	5
610315.43	4205784.03	0.09305	14.79	14.79	0	ANNUAL	LINE	5

610322.43	4205784.03	0.09214	14.69	14.69	0	ANNUAL	LINE	5
610329.43	4205784.03	0.09143	14.6	14.6	0	ANNUAL	LINE	5
610336.43	4205784.03	0.09053	14.5	14.5	0	ANNUAL	LINE	5
610343.43	4205784.03	0.08959	14.41	14.41	0	ANNUAL	LINE	5
610350.43	4205784.03	0.08864	14.31	14.31	0	ANNUAL	LINE	5
610357.43	4205784.03	0.08769	14.22	14.22	0	ANNUAL	LINE	5
610364.43	4205784.03	0.08671	14.12	14.12	0	ANNUAL	LINE	5
610371.43	4205784.03	0.08571	14.03	14.03	0	ANNUAL	LINE	5
610378.43	4205784.03	0.08468	13.94	13.94	0	ANNUAL	LINE	5
610385.43	4205784.03	0.08363	13.84	13.84	0	ANNUAL	LINE	5
610392.43	4205784.03	0.08256	13.75	13.75	0	ANNUAL	LINE	5
610399.43	4205784.03	0.08149	13.65	13.65	0	ANNUAL	LINE	5
610406.43	4205784.03	0.0804	13.56	13.56	0	ANNUAL	LINE	5
610413.43	4205784.03	0.07932	13.46	13.46	0	ANNUAL	LINE	5
610420.43	4205784.03	0.07822	13.37	13.37	0	ANNUAL	LINE	5
610427.43	4205784.03	0.07712	13.27	13.27	0	ANNUAL	LINE	5
610434.43	4205784.03	0.07602	13.18	13.18	0	ANNUAL	LINE	5
610441.43	4205784.03	0.07491	13.08	13.08	0	ANNUAL	LINE	5
610448.43	4205784.03	0.0738	12.99	12.99	0	ANNUAL	LINE	5
610455.43	4205784.03	0.07268	12.89	12.89	0	ANNUAL	LINE	5
610462.43	4205784.03	0.07156	12.8	12.8	0	ANNUAL	LINE	5
610469.43	4205784.03	0.07045	12.71	12.71	0	ANNUAL	LINE	5
610476.43	4205784.03	0.06933	12.61	12.61	0	ANNUAL	LINE	5
610483.43	4205784.03	0.06821	12.52	12.52	0	ANNUAL	LINE	5
610490.43	4205784.03	0.06709	12.42	12.42	0	ANNUAL	LINE	5
610504.43	4205784.03	0.06479	12.34	12.34	0	ANNUAL	LINE	5
610511.43	4205784.03	0.06365	12.3	12.3	0	ANNUAL	LINE	5
610518.43	4205784.03	0.06251	12.26	12.26	0	ANNUAL	LINE	5
610525.43	4205784.03	0.06137	12.22	12.22	0	ANNUAL	LINE	5
610532.43	4205784.03	0.06023	12.18	12.18	0	ANNUAL	LINE	5
610539.43	4205784.03	0.0591	12.14	12.14	0	ANNUAL	LINE	5
610546.43	4205784.03	0.05798	12.1	12.1	0	ANNUAL	LINE	5
610553.43	4205784.03	0.05686	12.06	12.06	0	ANNUAL	LINE	5
610560.43	4205784.03	0.05574	12.02	12.02	0	ANNUAL	LINE	5
610567.43	4205784.03	0.05464	11.97	11.97	0	ANNUAL	LINE	5
610574.43	4205784.03	0.05354	11.92	11.92	0	ANNUAL	LINE	5
610581.43	4205784.03	0.05245	11.86	11.86	0	ANNUAL	LINE	5
610588.43	4205784.03	0.05137	11.81	11.81	0	ANNUAL	LINE	5
610595.43	4205784.03	0.0503	11.76	11.76	0	ANNUAL	LINE	5
610602.43	4205784.03	0.04925	11.7	11.7	0	ANNUAL	LINE	5
610609.43	4205784.03	0.04819	11.65	11.65	0	ANNUAL	LINE	5
610616.43	4205784.03	0.04716	11.59	11.59	0	ANNUAL	LINE	5
610623.43	4205784.03	0.04613	11.54	11.54	0	ANNUAL	LINE	5
610630.43	4205784.03	0.04511	11.49	11.49	0	ANNUAL	LINE	5
610637.43	4205784.03	0.04411	11.43	11.43	0	ANNUAL	LINE	5
610658.43	4205784.03	0.0412	11.15	11.15	0	ANNUAL	LINE	5
610665.43	4205784.03	0.04025	11.06	11.06	0	ANNUAL	LINE	5
610672.43	4205784.03	0.03932	10.96	10.96	0	ANNUAL	LINE	5
610679.43	4205784.03	0.03841	10.87	10.87	0	ANNUAL	LINE	5
610686.43	4205784.03	0.03752	10.77	10.77	0	ANNUAL	LINE	5
610693.43	4205784.03	0.03664	10.68	10.68	0	ANNUAL	LINE	5
610700.43	4205784.03	0.03578	10.58	10.58	0	ANNUAL	LINE	5
610707.43	4205784.03	0.03494	10.49	10.49	0	ANNUAL	LINE	5
610714.43	4205784.03	0.03412	10.42	10.42	0	ANNUAL	LINE	5
610721.43	4205784.03	0.03331	10.37	10.37	0	ANNUAL	LINE	5
610728.43	4205784.03	0.03253	10.31	10.31	0	ANNUAL	LINE	5
610749.43	4205784.03	0.0303	10.16	10.16	0	ANNUAL	LINE	5
610756.43	4205784.03	0.0296	10.11	10.11	0	ANNUAL	LINE	5
610763.43	4205784.03	0.02892	10.06	10.06	0	ANNUAL	LINE	5
610770.43	4205784.03	0.02826	10.01	10.01	0	ANNUAL	LINE	5
611036.43	4205784.03	0.01468	9.49	9.49	0	ANNUAL	LINE	5
611043.43	4205784.03	0.0145	9.49	9.49	0	ANNUAL	LINE	5
611050.43	4205784.03	0.01432	9.5	9.5	0	ANNUAL	LINE	5
611057.43	4205784.03	0.01415	9.5	9.5	0	ANNUAL	LINE	5
611064.43	4205784.03	0.01397	9.5	9.5	0	ANNUAL	LINE	5
611071.43	4205784.03	0.01381	9.5	9.5	0	ANNUAL	LINE	5
611078.43	4205784.03	0.01364	9.5	9.5	0	ANNUAL	LINE	5
611085.43	4205784.03	0.01348	9.5	9.5	0	ANNUAL	LINE	5
611092.43	4205784.03	0.01333	9.5	9.5	0	ANNUAL	LINE	5
610294.43	4205791.03	0.09803	14.99	14.99	0	ANNUAL	LINE	5
610301.43	4205791.03	0.09714	14.9	14.9	0	ANNUAL	LINE	5
610308.43	4205791.03	0.09624	14.8	14.8	0	ANNUAL	LINE	5
610315.43	4205791.03	0.09533	14.71	14.71	0	ANNUAL	LINE	5
610322.43	4205791.03	0.09462	14.62	14.62	0	ANNUAL	LINE	5
610329.43	4205791.03	0.0937	14.52	14.52	0	ANNUAL	LINE	5
610336.43	4205791.03	0.09275	14.43	14.43	0	ANNUAL	LINE	5
610343.43	4205791.03	0.09181	14.33	14.33	0	ANNUAL	LINE	5
610350.43	4205791.03	0.09083	14.24	14.24	0	ANNUAL	LINE	5
610357.43	4205791.03	0.08986	14.14	14.14	0	ANNUAL	LINE	5
610364.43	4205791.03	0.08885	14.05	14.05	0	ANNUAL	LINE	5
610371.43	4205791.03	0.08782	13.95	13.95	0	ANNUAL	LINE	5
610378.43	4205791.03	0.08675	13.86	13.86	0	ANNUAL	LINE	5
610385.43	4205791.03	0.08567	13.76	13.76	0	ANNUAL	LINE	5
610392.43	4205791.03	0.08457	13.67	13.67	0	ANNUAL	LINE	5
610399.43	4205791.03	0.08348	13.57	13.57	0	ANNUAL	LINE	5
610406.43	4205791.03	0.08237	13.48	13.48	0	ANNUAL	LINE	5
610413.43	4205791.03	0.08125	13.39	13.39	0	ANNUAL	LINE	5
610420.43	4205791.03	0.08013	13.29	13.29	0	ANNUAL	LINE	5
610427.43	4205791.03	0.079	13.2	13.2	0	ANNUAL	LINE	5
610434.43	4205791.03	0.07787	13.1	13.1	0	ANNUAL	LINE	5
610441.43	4205791.03	0.07673	13.01	13.01	0	ANNUAL	LINE	5
610448.43	4205791.03	0.07559	12.91	12.91	0	ANNUAL	LINE	5
610455.43	4205791.03	0.07444	12.82	12.82	0	ANNUAL	LINE	5
610462.43	4205791.03	0.0733	12.72	12.72	0	ANNUAL	LINE	5
610469.43	4205791.03	0.07215	12.63	12.63	0	ANNUAL	LINE	5
610476.43	4205791.03	0.071	12.53	12.53	0	ANNUAL	LINE	5
610483.43	4205791.03	0.06984	12.44	12.44	0	ANNUAL	LINE	5
610490.43	4205791.03	0.06868	12.34	12.34	0	ANNUAL	LINE	5
610504.43	4205791.03	0.06631	12.28	12.28	0	ANNUAL	LINE	5
610511.43	4205791.03	0.06513	12.25	12.25	0	ANNUAL	LINE	5
610518.43	4205791.03	0.06395	12.21	12.21	0	ANNUAL	LINE	5
610525.43	4205791.03	0.06278	12.18	12.18	0	ANNUAL	LINE	5
610532.43	4205791.03	0.0616	12.15	12.15	0	ANNUAL	LINE	5
610539.43	4205791.03	0.06044	12.12	12.12	0	ANNUAL	LINE	5
610546.43	4205791.03	0.05928	12.08	12.08	0	ANNUAL	LINE	5
610553.43	4205791.03	0.05812	12.05	12.05	0	ANNUAL	LINE	5
610560.43	4205791.03	0.05697	12.02	12.02	0	ANNUAL	LINE	5
610567.43	4205791.03	0.05583	11.97	11.97	0	ANNUAL	LINE	5
610574.43	4205791.03	0.05471	11.91	11.91	0	ANNUAL	LINE	5
610581.43	4205791.03	0.05359	11.85	11.85	0	ANNUAL	LINE	5
610588.43	4205791.03	0.05248	11.78	11.78	0	ANNUAL	LINE	5
610595.43	4205791.03	0.05138	11.72	11.72	0	ANNUAL	LINE	5
610602.43	4205791.03	0.05028	11.66	11.66	0	ANNUAL	LINE	5
610609.43	4205791.03	0.0492	11.6	11.6	0	ANNUAL	LINE	5
610616.43	4205791.03	0.04813	11.54	11.54	0	ANNUAL	LINE	5
610623.43	4205791.03	0.04708	11.48	11.48	0	ANNUAL	LINE	5
610630.43	4205791.03	0.04603	11.42	11.42	0	ANNUAL	LINE	5
610637.43	4205791.03	0.045	11.36	11.36	0	ANNUAL	LINE	5
610644.43	4205791.03	0.04398	11.26	11.26	0	ANNUAL	LINE	5
610658.43	4205791.03	0.042	11.07	11.07	0	ANNUAL	LINE	5
610665.43	4205791.03	0.04102	10.98	10.98	0	ANNUAL	LINE	5
610672.43	4205791.03	0.04007	10.88	10.88	0	ANNUAL	LINE	5
610679.43	4205791.03	0.03913	10.79	10.79	0	ANNUAL	LINE	5
610686.43	4205791.03	0.03821	10.69	10.69	0	ANNUAL	LINE	5
610693.43	4205791.03	0.03731	10.6	10.6	0	ANNUAL	LINE	5
610700.43	4205791.03	0.03642	10.51	10.51	0	ANNUAL	LINE	5
610707.43	4205791.03	0.03556	10.41	10.41	0	ANNUAL	LINE	5
610714.43	4205791.03	0.03471	10.34	10.34	0	ANNUAL	LINE	5
610721.43	4205791.03	0.03389	10.28	10.28	0	ANNUAL	LINE	5
610728.43	4205791.03	0.03308	10.22	10.22	0	ANNUAL	LINE	5
610735.43	4205791.03	0.0323	10.16	10.16	0	ANNUAL	LINE	5
611029.43	4205791.03	0.01505	9.42	9.42	0	ANNUAL	LINE	5
611036.43	4205791.03	0.01486	9.42	9.42	0	ANNUAL	LINE	5
611043.43	4205791.03	0.01468	9.42	9.42	0	ANNUAL	LINE	5
611050.43	4205791.03	0.0145	9.42	9.42	0	ANNUAL	LINE	5
611057.43	4205791.03	0.01432	9.42	9.42	0	ANNUAL	LINE	5
611064.43	4205791.03	0.01415	9.42	9.42	0	ANNUAL	LINE	5
611071.43	4205791.03	0.01398	9.42	9.42	0	ANNUAL	LINE	5
611078.43	4205791.03	0.01381	9.42	9.42	0	ANNUAL	LINE	5
611085.43	4205791.03	0.01365	9.43	9.43	0	ANNUAL	LINE	5
611092.43	4205791.03	0.01349	9.43	9.43	0	ANNUAL	LINE	5
610294.43	4205798.03	0.10042	14.92	14.92	0	ANNUAL	LINE	5
610301.43	4205798.03	0.09952	14.82	14.82	0	ANNUAL	LINE	5
610308.43	4205798.03	0.09862	14.73	14.73	0	ANNUAL	LINE	5
610315.43	4205798.03	0.0979	14.63	14.63	0	ANNUAL	LINE	5
610322.43	4205798.03	0.09699	14.54	14.54	0	ANNUAL	LINE	5
610329.43	4205798.03	0.09604	14.44	14.44	0	ANNUAL	LINE	5
610336.43	4205798.03	0.09507	14.35	14.35	0	ANNUAL	LINE	5
610343.43	4205798.03	0.09411	14.25	14.25	0	ANNUAL	LINE	5
610350.43	4205798.03	0.09311	14.16	14.16	0	ANNUAL	LINE	5
610357.43	4205798.03	0.09209	14.07	14.07	0	ANNUAL	LINE	5
610364.43	4205798.03	0.09107	13.97	13.97	0	ANNUAL	LINE	5
610371.43	4205798.03	0.08998	13.88	13.88	0	ANNUAL	LINE	5
610378.43	4205798.03	0.08889	13.78	13.78	0	ANNUAL	LINE	5
610385.43	4205798.03	0.08778	13.69	13.69	0	ANNUAL	LINE	5
610392.43	4205798.03	0.08666	13.59	13.59	0	ANNUAL	LINE	5
610399.43	4205798.03	0.08554	13.5	13.5	0	ANNUAL	LINE	5
610406.43	4205798.03	0.0844	13.4	13.4	0	ANNUAL	LINE	5
610413.43	4205798.03	0.08326	13.31	13.31	0	ANNUAL	LINE	5
610420.43	4205798.03	0.08211	13.21	13.21	0	ANNUAL	LINE	5
610427.43	4205798.03	0.08095	13.12	13.12	0	ANNUAL	LINE	5
610434.43	4205798.03	0.07979	13.02	13.02	0	ANNUAL	LINE	5
610441.43	4205798.03	0.07862	12.93	12.93	0	ANNUAL	LINE	5
610448.43	4205798.03	0.07744	12.84	12.84	0	ANNUAL	LINE	5
610455.43	4205798.03	0.07627	12.74	12.74	0	ANNUAL	LINE	5
610462.43	4205798.03	0.07509	12.65	12.65	0	ANNUAL	LINE	5
610469.43	4205798.03	0.07391	12.55	12.55	0	ANNUAL	LINE	5
610476.43	4205798.03	0.07272	12.46	12.46	0	ANNUAL	LINE	5
610483.43	4205798.03	0.07153	12.36	12.36	0	ANNUAL	LINE	5
610490.43	4205798.03	0.07033	12.27	12.27	0	ANNUAL	LINE	5
610504.43	4205798.03	0.06789	12.22	12.22	0	ANNUAL	LINE	5
610511.43	4205798.03	0.06667	12.19	12.19	0	ANNUAL	LINE	5
610518.43	4205798.03	0.06545	12.17	12.17	0	ANNUAL	LINE	5
610525.43	4205798.03	0.06424	12.14	12.14	0	ANNUAL	LINE	5
610532.43	4205798.03	0.06303	12.12	12.12	0	ANNUAL	LINE	5
610539.43	4205798.03	0.06183	12.09	12.09	0	ANNUAL	LINE	5
610546.43	4205798.03	0.06063	12.06	12.06	0	ANNUAL	LINE	5
610553.43	4205798.03	0.05943	12.04	12.04	0	ANNUAL	LINE	5
610560.43	4205798.03	0.05825	12.01	12.01	0	ANNUAL	LINE	5
610567.43	4205798.03	0.05707	11.97	11.97	0	ANNUAL	LINE	5
610574.43	4205798.03	0.05591	11.9	11.9	0	ANNUAL	LINE	5
610581.43	4205798.03	0.05476	11.83	11.83	0	ANNUAL	LINE	5
610588.43	4205798.03	0.05362	11.76	11.76	0	ANNUAL	LINE	5
610595.43	4205798.03	0.05248	11.69	11.69	0	ANNUAL	LINE	5
610602.43	4205798.03	0.05136	11.62	11.62	0	ANNUAL	LINE	5
610609.43	4205798.03	0.05025	11.55	11.55	0	ANNUAL	LINE	5
610616.43	4205798.03	0.04915	11.48	11.48	0	ANNUAL	LINE	5
610623.43	4205798.03	0.04806	11.42	11.42	0	ANNUAL	LINE	5
610630.43	4205798.03	0.04698	11.35	11.35	0	ANNUAL	LINE	5
610637.43	4205798.03	0.04592	11.28	11.28	0	ANNUAL	LINE	5
610644.43	4205798.03	0.04487	11.19	11.19	0	ANNUAL	LINE	5
610665.43	4205798.03	0.04182	10.9	10.9	0	ANNUAL	LINE	5
610672.43	4205798.03	0.04083	10.81	10.81	0	ANNUAL	LINE	5
610679.43	4205798.03	0.03987	10.71	10.71	0	ANNUAL	LINE	5
610686.43	4205798.03	0.03892	10.62	10.62	0	ANNUAL	LINE	5
610693.43	4205798.03	0.03799	10.52	10.52	0	ANNUAL	LINE	5
610700.43	4205798.03	0.03708	10.43	10.43	0	ANNUAL	LINE	5
610707.43	4205798.03	0.0362	10.33	10.33	0	ANNUAL	LINE	5
610714.43	4205798.03	0.03533	10.26	10.26	0	ANNUAL	LINE	5
610721.43	4205798.03	0.03448	10.19	10.19	0	ANNUAL	LINE	5
610728.43	4205798.03	0.03365	10.12	10.12	0	ANNUAL	LINE	5
610735.43	4205798.03	0.03285	10.06	10.06	0	ANNUAL	LINE	5
610784.43	4205798.03	0.02785	9.61	9.61	0	ANNUAL	LINE	5
610791.43	4205798.03	0.02722	9.61	9.61	0	ANNUAL	LINE	5
610798.43	4205798.03	0.02662	9.61	9.61	0	ANNUAL	LINE	5
610805.43	4205798.03	0.02604	9.62	9.62	0	ANNUAL	LINE	5
610812.43	4205798.03	0.02548	9.62	9.62	0	ANNUAL	LINE	5
610819.43	4205798.03	0.02494	9.62	9.62	0	ANNUAL	LINE	5
610826.43	4205798.03	0.02442	9.62	9.62	0	ANNUAL	LINE	5
610833.43	4205798.03	0.02392	9.62	9.62	0	ANNUAL	LINE	5
610840.43	4205798.03	0.02344	9.63	9.63	0	ANNUAL	LINE	5

610847.43	4205798.03	0.02298	9.63	9.63	0	ANNUAL	LINE	5
610854.43	4205798.03	0.02253	9.63	9.63	0	ANNUAL	LINE	5
610861.43	4205798.03	0.0221	9.61	9.61	0	ANNUAL	LINE	5
610868.43	4205798.03	0.02169	9.58	9.58	0	ANNUAL	LINE	5
610875.43	4205798.03	0.02129	9.56	9.56	0	ANNUAL	LINE	5
610882.43	4205798.03	0.02091	9.53	9.53	0	ANNUAL	LINE	5
610889.43	4205798.03	0.02054	9.5	9.5	0	ANNUAL	LINE	5
610910.43	4205798.03	0.01951	9.41	9.41	0	ANNUAL	LINE	5
610917.43	4205798.03	0.01919	9.38	9.38	0	ANNUAL	LINE	5
610924.43	4205798.03	0.01888	9.35	9.35	0	ANNUAL	LINE	5
610931.43	4205798.03	0.01858	9.33	9.33	0	ANNUAL	LINE	5
610938.43	4205798.03	0.01829	9.33	9.33	0	ANNUAL	LINE	5
610945.43	4205798.03	0.01802	9.33	9.33	0	ANNUAL	LINE	5
610952.43	4205798.03	0.01775	9.33	9.33	0	ANNUAL	LINE	5
610959.43	4205798.03	0.01748	9.33	9.33	0	ANNUAL	LINE	5
610966.43	4205798.03	0.01723	9.33	9.33	0	ANNUAL	LINE	5
610973.43	4205798.03	0.01698	9.33	9.33	0	ANNUAL	LINE	5
610980.43	4205798.03	0.01674	9.33	9.33	0	ANNUAL	LINE	5
610987.43	4205798.03	0.01651	9.34	9.34	0	ANNUAL	LINE	5
610994.43	4205798.03	0.01629	9.34	9.34	0	ANNUAL	LINE	5
611001.43	4205798.03	0.01607	9.34	9.34	0	ANNUAL	LINE	5
611008.43	4205798.03	0.01585	9.34	9.34	0	ANNUAL	LINE	5
611015.43	4205798.03	0.01564	9.34	9.34	0	ANNUAL	LINE	5
611022.43	4205798.03	0.01544	9.34	9.34	0	ANNUAL	LINE	5
611029.43	4205798.03	0.01524	9.34	9.34	0	ANNUAL	LINE	5
611036.43	4205798.03	0.01505	9.34	9.34	0	ANNUAL	LINE	5
611043.43	4205798.03	0.01486	9.34	9.34	0	ANNUAL	LINE	5
611050.43	4205798.03	0.01468	9.34	9.34	0	ANNUAL	LINE	5
611057.43	4205798.03	0.0145	9.35	9.35	0	ANNUAL	LINE	5
611064.43	4205798.03	0.01432	9.35	9.35	0	ANNUAL	LINE	5
611071.43	4205798.03	0.01415	9.35	9.35	0	ANNUAL	LINE	5
611078.43	4205798.03	0.01398	9.35	9.35	0	ANNUAL	LINE	5
611085.43	4205798.03	0.01381	9.35	9.35	0	ANNUAL	LINE	5
611092.43	4205798.03	0.01365	9.35	9.35	0	ANNUAL	LINE	5
610294.43	4205805.03	0.10291	14.84	14.84	0	ANNUAL	LINE	5
610301.43	4205805.03	0.10201	14.75	14.75	0	ANNUAL	LINE	5
610308.43	4205805.03	0.1013	14.65	14.65	0	ANNUAL	LINE	5
610315.43	4205805.03	0.10037	14.56	14.56	0	ANNUAL	LINE	5
610322.43	4205805.03	0.09944	14.46	14.46	0	ANNUAL	LINE	5
610329.43	4205805.03	0.09847	14.37	14.37	0	ANNUAL	LINE	5
610336.43	4205805.03	0.09748	14.27	14.27	0	ANNUAL	LINE	5
610343.43	4205805.03	0.09649	14.18	14.18	0	ANNUAL	LINE	5
610350.43	4205805.03	0.09547	14.08	14.08	0	ANNUAL	LINE	5
610357.43	4205805.03	0.09443	13.99	13.99	0	ANNUAL	LINE	5
610364.43	4205805.03	0.09334	13.89	13.89	0	ANNUAL	LINE	5
610371.43	4205805.03	0.09223	13.8	13.8	0	ANNUAL	LINE	5
610378.43	4205805.03	0.09111	13.7	13.7	0	ANNUAL	LINE	5
610385.43	4205805.03	0.08998	13.61	13.61	0	ANNUAL	LINE	5
610392.43	4205805.03	0.08883	13.52	13.52	0	ANNUAL	LINE	5
610399.43	4205805.03	0.08768	13.42	13.42	0	ANNUAL	LINE	5
610406.43	4205805.03	0.08651	13.33	13.33	0	ANNUAL	LINE	5
610413.43	4205805.03	0.08534	13.23	13.23	0	ANNUAL	LINE	5
610420.43	4205805.03	0.08416	13.14	13.14	0	ANNUAL	LINE	5
610427.43	4205805.03	0.08297	13.04	13.04	0	ANNUAL	LINE	5
610434.43	4205805.03	0.08178	12.95	12.95	0	ANNUAL	LINE	5
610441.43	4205805.03	0.08058	12.85	12.85	0	ANNUAL	LINE	5
610448.43	4205805.03	0.07937	12.76	12.76	0	ANNUAL	LINE	5
610455.43	4205805.03	0.07817	12.66	12.66	0	ANNUAL	LINE	5
610462.43	4205805.03	0.07696	12.57	12.57	0	ANNUAL	LINE	5
610469.43	4205805.03	0.07574	12.47	12.47	0	ANNUAL	LINE	5
610476.43	4205805.03	0.07451	12.38	12.38	0	ANNUAL	LINE	5
610483.43	4205805.03	0.07328	12.28	12.28	0	ANNUAL	LINE	5
610490.43	4205805.03	0.07205	12.19	12.19	0	ANNUAL	LINE	5
610504.43	4205805.03	0.06953	12.15	12.15	0	ANNUAL	LINE	5
610511.43	4205805.03	0.06827	12.14	12.14	0	ANNUAL	LINE	5
610518.43	4205805.03	0.06701	12.12	12.12	0	ANNUAL	LINE	5
610525.43	4205805.03	0.06576	12.1	12.1	0	ANNUAL	LINE	5
610532.43	4205805.03	0.06451	12.08	12.08	0	ANNUAL	LINE	5
610539.43	4205805.03	0.06327	12.06	12.06	0	ANNUAL	LINE	5
610546.43	4205805.03	0.06202	12.05	12.05	0	ANNUAL	LINE	5
610553.43	4205805.03	0.06079	12.03	12.03	0	ANNUAL	LINE	5
610560.43	4205805.03	0.05957	12.01	12.01	0	ANNUAL	LINE	5
610567.43	4205805.03	0.05836	11.96	11.96	0	ANNUAL	LINE	5
610574.43	4205805.03	0.05717	11.88	11.88	0	ANNUAL	LINE	5
610581.43	4205805.03	0.05598	11.81	11.81	0	ANNUAL	LINE	5
610588.43	4205805.03	0.0548	11.73	11.73	0	ANNUAL	LINE	5
610595.43	4205805.03	0.05363	11.66	11.66	0	ANNUAL	LINE	5
610602.43	4205805.03	0.05248	11.58	11.58	0	ANNUAL	LINE	5
610609.43	4205805.03	0.05133	11.5	11.5	0	ANNUAL	LINE	5
610616.43	4205805.03	0.0502	11.43	11.43	0	ANNUAL	LINE	5
610623.43	4205805.03	0.04907	11.35	11.35	0	ANNUAL	LINE	5
610630.43	4205805.03	0.04796	11.28	11.28	0	ANNUAL	LINE	5
610637.43	4205805.03	0.04687	11.2	11.2	0	ANNUAL	LINE	5
610644.43	4205805.03	0.04579	11.11	11.11	0	ANNUAL	LINE	5
610665.43	4205805.03	0.04264	10.82	10.82	0	ANNUAL	LINE	5
610672.43	4205805.03	0.04163	10.73	10.73	0	ANNUAL	LINE	5
610679.43	4205805.03	0.04063	10.64	10.64	0	ANNUAL	LINE	5
610686.43	4205805.03	0.03966	10.54	10.54	0	ANNUAL	LINE	5
610693.43	4205805.03	0.0387	10.45	10.45	0	ANNUAL	LINE	5
610700.43	4205805.03	0.03777	10.35	10.35	0	ANNUAL	LINE	5
610707.43	4205805.03	0.03685	10.26	10.26	0	ANNUAL	LINE	5
610714.43	4205805.03	0.03596	10.17	10.17	0	ANNUAL	LINE	5
610721.43	4205805.03	0.03509	10.1	10.1	0	ANNUAL	LINE	5
610728.43	4205805.03	0.03424	10.03	10.03	0	ANNUAL	LINE	5
610735.43	4205805.03	0.03341	9.96	9.96	0	ANNUAL	LINE	5
610763.43	4205805.03	0.03034	9.66	9.66	0	ANNUAL	LINE	5
610770.43	4205805.03	0.02963	9.59	9.59	0	ANNUAL	LINE	5
610777.43	4205805.03	0.02895	9.52	9.52	0	ANNUAL	LINE	5
610784.43	4205805.03	0.02828	9.46	9.46	0	ANNUAL	LINE	5
610791.43	4205805.03	0.02764	9.46	9.46	0	ANNUAL	LINE	5
610798.43	4205805.03	0.02703	9.46	9.46	0	ANNUAL	LINE	5
610805.43	4205805.03	0.02643	9.47	9.47	0	ANNUAL	LINE	5
610812.43	4205805.03	0.02586	9.47	9.47	0	ANNUAL	LINE	5
610819.43	4205805.03	0.02531	9.47	9.47	0	ANNUAL	LINE	5
610826.43	4205805.03	0.02478	9.47	9.47	0	ANNUAL	LINE	5
610833.43	4205805.03	0.02427	9.47	9.47	0	ANNUAL	LINE	5
610840.43	4205805.03	0.02378	9.48	9.48	0	ANNUAL	LINE	5
610847.43	4205805.03	0.02331	9.48	9.48	0	ANNUAL	LINE	5
610854.43	4205805.03	0.02286	9.48	9.48	0	ANNUAL	LINE	5
610861.43	4205805.03	0.02242	9.47	9.47	0	ANNUAL	LINE	5
610868.43	4205805.03	0.022	9.44	9.44	0	ANNUAL	LINE	5
610875.43	4205805.03	0.02159	9.42	9.42	0	ANNUAL	LINE	5
610882.43	4205805.03	0.0212	9.4	9.4	0	ANNUAL	LINE	5
610889.43	4205805.03	0.02083	9.38	9.38	0	ANNUAL	LINE	5
610910.43	4205805.03	0.01978	9.31	9.31	0	ANNUAL	LINE	5
610917.43	4205805.03	0.01945	9.29	9.29	0	ANNUAL	LINE	5
610924.43	4205805.03	0.01914	9.27	9.27	0	ANNUAL	LINE	5
610931.43	4205805.03	0.01884	9.25	9.25	0	ANNUAL	LINE	5
610938.43	4205805.03	0.01854	9.25	9.25	0	ANNUAL	LINE	5
610945.43	4205805.03	0.01826	9.25	9.25	0	ANNUAL	LINE	5
610952.43	4205805.03	0.01798	9.25	9.25	0	ANNUAL	LINE	5
610959.43	4205805.03	0.01772	9.26	9.26	0	ANNUAL	LINE	5
610966.43	4205805.03	0.01746	9.26	9.26	0	ANNUAL	LINE	5
610973.43	4205805.03	0.01721	9.26	9.26	0	ANNUAL	LINE	5
610980.43	4205805.03	0.01697	9.26	9.26	0	ANNUAL	LINE	5
610987.43	4205805.03	0.01673	9.26	9.26	0	ANNUAL	LINE	5
610994.43	4205805.03	0.0165	9.26	9.26	0	ANNUAL	LINE	5
611001.43	4205805.03	0.01628	9.26	9.26	0	ANNUAL	LINE	5
611008.43	4205805.03	0.01606	9.26	9.26	0	ANNUAL	LINE	5
611015.43	4205805.03	0.01585	9.26	9.26	0	ANNUAL	LINE	5
611022.43	4205805.03	0.01564	9.26	9.26	0	ANNUAL	LINE	5
611029.43	4205805.03	0.01544	9.27	9.27	0	ANNUAL	LINE	5
611036.43	4205805.03	0.01524	9.27	9.27	0	ANNUAL	LINE	5
611043.43	4205805.03	0.01505	9.27	9.27	0	ANNUAL	LINE	5
611050.43	4205805.03	0.01486	9.27	9.27	0	ANNUAL	LINE	5
611057.43	4205805.03	0.01468	9.27	9.27	0	ANNUAL	LINE	5
611064.43	4205805.03	0.0145	9.27	9.27	0	ANNUAL	LINE	5
611071.43	4205805.03	0.01432	9.27	9.27	0	ANNUAL	LINE	5
611078.43	4205805.03	0.01415	9.27	9.27	0	ANNUAL	LINE	5
611085.43	4205805.03	0.01398	9.27	9.27	0	ANNUAL	LINE	5
611092.43	4205805.03	0.01382	9.27	9.27	0	ANNUAL	LINE	5
610294.43	4205812.03	0.10552	14.76	14.76	0	ANNUAL	LINE	5
610301.43	4205812.03	0.10456	14.67	14.67	0	ANNUAL	LINE	5
610308.43	4205812.03	0.10388	14.57	14.57	0	ANNUAL	LINE	5
610315.43	4205812.03	0.10293	14.48	14.48	0	ANNUAL	LINE	5
610322.43	4205812.03	0.10198	14.38	14.38	0	ANNUAL	LINE	5
610329.43	4205812.03	0.10098	14.29	14.29	0	ANNUAL	LINE	5
610336.43	4205812.03	0.09997	14.2	14.2	0	ANNUAL	LINE	5
610343.43	4205812.03	0.09897	14.1	14.1	0	ANNUAL	LINE	5
610350.43	4205812.03	0.09792	14.01	14.01	0	ANNUAL	LINE	5
610357.43	4205812.03	0.09681	13.91	13.91	0	ANNUAL	LINE	5
610364.43	4205812.03	0.09569	13.82	13.82	0	ANNUAL	LINE	5
610371.43	4205812.03	0.09456	13.72	13.72	0	ANNUAL	LINE	5
610378.43	4205812.03	0.09341	13.63	13.63	0	ANNUAL	LINE	5
610385.43	4205812.03	0.09225	13.53	13.53	0	ANNUAL	LINE	5
610392.43	4205812.03	0.09108	13.44	13.44	0	ANNUAL	LINE	5
610399.43	4205812.03	0.0899	13.34	13.34	0	ANNUAL	LINE	5
610406.43	4205812.03	0.08871	13.25	13.25	0	ANNUAL	LINE	5
610413.43	4205812.03	0.08751	13.15	13.15	0	ANNUAL	LINE	5
610420.43	4205812.03	0.08629	13.06	13.06	0	ANNUAL	LINE	5
610427.43	4205812.03	0.08508	12.96	12.96	0	ANNUAL	LINE	5
610434.43	4205812.03	0.08385	12.87	12.87	0	ANNUAL	LINE	5
610441.43	4205812.03	0.08261	12.78	12.78	0	ANNUAL	LINE	5
610448.43	4205812.03	0.08138	12.68	12.68	0	ANNUAL	LINE	5
610455.43	4205812.03	0.08014	12.59	12.59	0	ANNUAL	LINE	5
610462.43	4205812.03	0.0789	12.49	12.49	0	ANNUAL	LINE	5
610469.43	4205812.03	0.07763	12.4	12.4	0	ANNUAL	LINE	5
610476.43	4205812.03	0.07637	12.3	12.3	0	ANNUAL	LINE	5
610483.43	4205812.03	0.0751	12.21	12.21	0	ANNUAL	LINE	5
610490.43	4205812.03	0.07383	12.11	12.11	0	ANNUAL	LINE	5
610504.43	4205812.03	0.07123	12.09	12.09	0	ANNUAL	LINE	5
610511.43	4205812.03	0.06993	12.08	12.08	0	ANNUAL	LINE	5
610518.43	4205812.03	0.06863	12.07	12.07	0	ANNUAL	LINE	5
610525.43	4205812.03	0.06733	12.06	12.06	0	ANNUAL	LINE	5
610532.43	4205812.03	0.06604	12.05	12.05	0	ANNUAL	LINE	5
610539.43	4205812.03	0.06476	12.04	12.04	0	ANNUAL	LINE	5
610546.43	4205812.03	0.06348	12.03	12.03	0	ANNUAL	LINE	5
610553.43	4205812.03	0.0622	12.02	12.02	0	ANNUAL	LINE	5
610560.43	4205812.03	0.06094	12.01	12.01	0	ANNUAL	LINE	5
610567.43	4205812.03	0.05969	11.96	11.96	0	ANNUAL	LINE	5
610574.43	4205812.03	0.05846	11.87	11.87	0	ANNUAL	LINE	5
610581.43	4205812.03	0.05724	11.79	11.79	0	ANNUAL	LINE	5
610588.43	4205812.03	0.05603	11.71	11.71	0	ANNUAL	LINE	5
610595.43	4205812.03	0.05482	11.62	11.62	0	ANNUAL	LINE	5
610602.43	4205812.03	0.05363	11.54	11.54	0	ANNUAL	LINE	5
610609.43	4205812.03	0.05245	11.46	11.46	0	ANNUAL	LINE	5
610616.43	4205812.03	0.05128	11.37	11.37	0	ANNUAL	LINE	5
610623.43	4205812.03	0.05012	11.29	11.29	0	ANNUAL	LINE	5
610630.43	4205812.03	0.04898	11.21	11.21	0	ANNUAL	LINE	5
610637.43	4205812.03	0.04785	11.13	11.13	0	ANNUAL	LINE	5
610644.43	4205812.03	0.04673	11.03	11.03	0	ANNUAL	LINE	5
610651.43	4205812.03	0.04563	10.94	10.94	0	ANNUAL	LINE	5
610672.43	4205812.03	0.04245	10.65	10.65	0	ANNUAL	LINE	5
610679.43	4205812.03	0.04142	10.56	10.56	0	ANNUAL	LINE	5
610686.43	4205812.03	0.04042	10.46	10.46	0	ANNUAL	LINE	5
610693.43	4205812.03	0.03943	10.37	10.37	0	ANNUAL	LINE	5
610700.43	4205812.03	0.03847	10.27	10.27	0	ANNUAL	LINE	5
610707.43	4205812.03	0.03753	10.18	10.18	0	ANNUAL	LINE	5
610714.43	4205812.03	0.03661	10.09	10.09	0	ANNUAL	LINE	5
610721.43	4205812.03	0.03571	10.01	10.01	0	ANNUAL	LINE	5
610728.43	4205812.03	0.03484	9.93	9.93	0	ANNUAL	LINE	5
610756.43	4205812.03	0.03159	9.61	9.61	0	ANNUAL	LINE	5
610763.43	4205812.03	0.03084	9.53	9.53	0	ANNUAL	LINE	5
610770.43	4205812.03	0.03011	9.45	9.45	0	ANNUAL	LINE	5
610777.43	4205812.03	0.02941	9.37	9.37	0	ANNUAL	LINE	5
610784.43	4205812.03	0.02873	9.31	9.31	0	ANNUAL	LINE	5
610791.43	4205812.03	0.02808	9.31	9.31	0	ANNUAL	LINE	5
610798.43	4205812.03	0.02745	9.31	9.31	0	ANNUAL	LINE	5
610805.43	4205812.03	0.02684	9.31	9.31	0	ANNUAL	LINE	5
610812.43	4205812.03	0.02626	9.32	9.32	0	ANNUAL	LINE	5
610819.43	4205812.03	0.02569	9.32	9.32	0	ANNUAL	LINE	5

610826.43	4205812.03	0.02515	9.32	9.32	0	ANNUAL	LINE	5
610833.43	4205812.03	0.02463	9.32	9.32	0	ANNUAL	LINE	5
610840.43	4205812.03	0.02413	9.32	9.32	0	ANNUAL	LINE	5
610847.43	4205812.03	0.02365	9.33	9.33	0	ANNUAL	LINE	5
610854.43	4205812.03	0.02319	9.33	9.33	0	ANNUAL	LINE	5
610861.43	4205812.03	0.02274	9.32	9.32	0	ANNUAL	LINE	5
610868.43	4205812.03	0.02231	9.31	9.31	0	ANNUAL	LINE	5
610875.43	4205812.03	0.0219	9.29	9.29	0	ANNUAL	LINE	5
610882.43	4205812.03	0.0215	9.28	9.28	0	ANNUAL	LINE	5
610889.43	4205812.03	0.02112	9.26	9.26	0	ANNUAL	LINE	5
610910.43	4205812.03	0.02005	9.22	9.22	0	ANNUAL	LINE	5
610917.43	4205812.03	0.01972	9.2	9.2	0	ANNUAL	LINE	5
610924.43	4205812.03	0.0194	9.19	9.19	0	ANNUAL	LINE	5
610931.43	4205812.03	0.0191	9.18	9.18	0	ANNUAL	LINE	5
610938.43	4205812.03	0.0188	9.18	9.18	0	ANNUAL	LINE	5
610945.43	4205812.03	0.01851	9.18	9.18	0	ANNUAL	LINE	5
610952.43	4205812.03	0.01823	9.18	9.18	0	ANNUAL	LINE	5
610959.43	4205812.03	0.01796	9.18	9.18	0	ANNUAL	LINE	5
610966.43	4205812.03	0.0177	9.18	9.18	0	ANNUAL	LINE	5
610973.43	4205812.03	0.01744	9.18	9.18	0	ANNUAL	LINE	5
610980.43	4205812.03	0.01719	9.18	9.18	0	ANNUAL	LINE	5
610987.43	4205812.03	0.01695	9.18	9.18	0	ANNUAL	LINE	5
610994.43	4205812.03	0.01672	9.18	9.18	0	ANNUAL	LINE	5
611001.43	4205812.03	0.01649	9.19	9.19	0	ANNUAL	LINE	5
611008.43	4205812.03	0.01627	9.19	9.19	0	ANNUAL	LINE	5
611015.43	4205812.03	0.01605	9.19	9.19	0	ANNUAL	LINE	5
611022.43	4205812.03	0.01584	9.19	9.19	0	ANNUAL	LINE	5
611029.43	4205812.03	0.01564	9.19	9.19	0	ANNUAL	LINE	5
611036.43	4205812.03	0.01544	9.19	9.19	0	ANNUAL	LINE	5
611043.43	4205812.03	0.01524	9.19	9.19	0	ANNUAL	LINE	5
611050.43	4205812.03	0.01505	9.19	9.19	0	ANNUAL	LINE	5
611057.43	4205812.03	0.01486	9.19	9.19	0	ANNUAL	LINE	5
611064.43	4205812.03	0.01468	9.19	9.19	0	ANNUAL	LINE	5
611071.43	4205812.03	0.0145	9.2	9.2	0	ANNUAL	LINE	5
611078.43	4205812.03	0.01433	9.2	9.2	0	ANNUAL	LINE	5
611085.43	4205812.03	0.01415	9.2	9.2	0	ANNUAL	LINE	5
611092.43	4205812.03	0.01398	9.2	9.2	0	ANNUAL	LINE	5
610294.43	4205819.03	0.10817	14.69	14.69	0	ANNUAL	LINE	5
610301.43	4205819.03	0.10747	14.59	14.59	0	ANNUAL	LINE	5
610308.43	4205819.03	0.10655	14.5	14.5	0	ANNUAL	LINE	5
610315.43	4205819.03	0.10558	14.4	14.4	0	ANNUAL	LINE	5
610322.43	4205819.03	0.10458	14.31	14.31	0	ANNUAL	LINE	5
610329.43	4205819.03	0.10359	14.21	14.21	0	ANNUAL	LINE	5
610336.43	4205819.03	0.10256	14.12	14.12	0	ANNUAL	LINE	5
610343.43	4205819.03	0.10153	14.02	14.02	0	ANNUAL	LINE	5
610350.43	4205819.03	0.10041	13.93	13.93	0	ANNUAL	LINE	5
610357.43	4205819.03	0.09929	13.83	13.83	0	ANNUAL	LINE	5
610364.43	4205819.03	0.09814	13.74	13.74	0	ANNUAL	LINE	5
610371.43	4205819.03	0.09698	13.64	13.64	0	ANNUAL	LINE	5
610378.43	4205819.03	0.09581	13.55	13.55	0	ANNUAL	LINE	5
610385.43	4205819.03	0.09462	13.46	13.46	0	ANNUAL	LINE	5
610392.43	4205819.03	0.09342	13.36	13.36	0	ANNUAL	LINE	5
610399.43	4205819.03	0.0922	13.27	13.27	0	ANNUAL	LINE	5
610406.43	4205819.03	0.09098	13.17	13.17	0	ANNUAL	LINE	5
610413.43	4205819.03	0.08975	13.08	13.08	0	ANNUAL	LINE	5
610420.43	4205819.03	0.08851	12.98	12.98	0	ANNUAL	LINE	5
610427.43	4205819.03	0.08726	12.89	12.89	0	ANNUAL	LINE	5
610434.43	4205819.03	0.086	12.79	12.79	0	ANNUAL	LINE	5
610441.43	4205819.03	0.08473	12.7	12.7	0	ANNUAL	LINE	5
610448.43	4205819.03	0.08347	12.6	12.6	0	ANNUAL	LINE	5
610455.43	4205819.03	0.08219	12.51	12.51	0	ANNUAL	LINE	5
610462.43	4205819.03	0.0809	12.41	12.41	0	ANNUAL	LINE	5
610469.43	4205819.03	0.0796	12.32	12.32	0	ANNUAL	LINE	5
610476.43	4205819.03	0.0783	12.23	12.23	0	ANNUAL	LINE	5
610483.43	4205819.03	0.07699	12.13	12.13	0	ANNUAL	LINE	5
610490.43	4205819.03	0.07568	12.04	12.04	0	ANNUAL	LINE	5
610504.43	4205819.03	0.07299	12.03	12.03	0	ANNUAL	LINE	5
610511.43	4205819.03	0.07165	12.03	12.03	0	ANNUAL	LINE	5
610518.43	4205819.03	0.07031	12.02	12.02	0	ANNUAL	LINE	5
610525.43	4205819.03	0.06897	12.02	12.02	0	ANNUAL	LINE	5
610532.43	4205819.03	0.06764	12.02	12.02	0	ANNUAL	LINE	5
610539.43	4205819.03	0.06631	12.01	12.01	0	ANNUAL	LINE	5
610546.43	4205819.03	0.06499	12.01	12.01	0	ANNUAL	LINE	5
610553.43	4205819.03	0.06367	12.01	12.01	0	ANNUAL	LINE	5
610560.43	4205819.03	0.06236	12	12	0	ANNUAL	LINE	5
610567.43	4205819.03	0.06108	11.95	11.95	0	ANNUAL	LINE	5
610574.43	4205819.03	0.05981	11.86	11.86	0	ANNUAL	LINE	5
610581.43	4205819.03	0.05855	11.77	11.77	0	ANNUAL	LINE	5
610588.43	4205819.03	0.0573	11.68	11.68	0	ANNUAL	LINE	5
610595.43	4205819.03	0.05606	11.59	11.59	0	ANNUAL	LINE	5
610602.43	4205819.03	0.05483	11.5	11.5	0	ANNUAL	LINE	5
610609.43	4205819.03	0.05361	11.41	11.41	0	ANNUAL	LINE	5
610616.43	4205819.03	0.0524	11.32	11.32	0	ANNUAL	LINE	5
610623.43	4205819.03	0.05121	11.23	11.23	0	ANNUAL	LINE	5
610630.43	4205819.03	0.05003	11.14	11.14	0	ANNUAL	LINE	5
610637.43	4205819.03	0.04886	11.05	11.05	0	ANNUAL	LINE	5
610644.43	4205819.03	0.04771	10.95	10.95	0	ANNUAL	LINE	5
610651.43	4205819.03	0.04658	10.86	10.86	0	ANNUAL	LINE	5
610658.43	4205819.03	0.04546	10.77	10.77	0	ANNUAL	LINE	5
610679.43	4205819.03	0.04224	10.48	10.48	0	ANNUAL	LINE	5
610686.43	4205819.03	0.0412	10.39	10.39	0	ANNUAL	LINE	5
610693.43	4205819.03	0.04019	10.29	10.29	0	ANNUAL	LINE	5
610700.43	4205819.03	0.0392	10.2	10.2	0	ANNUAL	LINE	5
610707.43	4205819.03	0.03823	10.1	10.1	0	ANNUAL	LINE	5
610714.43	4205819.03	0.03728	10.01	10.01	0	ANNUAL	LINE	5
610721.43	4205819.03	0.03636	9.92	9.92	0	ANNUAL	LINE	5
610749.43	4205819.03	0.03292	9.57	9.57	0	ANNUAL	LINE	5
610756.43	4205819.03	0.03212	9.49	9.49	0	ANNUAL	LINE	5
610763.43	4205819.03	0.03135	9.4	9.4	0	ANNUAL	LINE	5
610770.43	4205819.03	0.0306	9.31	9.31	0	ANNUAL	LINE	5
610777.43	4205819.03	0.02988	9.23	9.23	0	ANNUAL	LINE	5
610784.43	4205819.03	0.02919	9.16	9.16	0	ANNUAL	LINE	5
610791.43	4205819.03	0.02852	9.16	9.16	0	ANNUAL	LINE	5
610798.43	4205819.03	0.02788	9.16	9.16	0	ANNUAL	LINE	5
610805.43	4205819.03	0.02726	9.16	9.16	0	ANNUAL	LINE	5
610812.43	4205819.03	0.02666	9.16	9.16	0	ANNUAL	LINE	5
610819.43	4205819.03	0.02609	9.17	9.17	0	ANNUAL	LINE	5
610826.43	4205819.03	0.02553	9.17	9.17	0	ANNUAL	LINE	5
610833.43	4205819.03	0.025	9.17	9.17	0	ANNUAL	LINE	5
610840.43	4205819.03	0.02449	9.17	9.17	0	ANNUAL	LINE	5
610847.43	4205819.03	0.024	9.17	9.17	0	ANNUAL	LINE	5
610854.43	4205819.03	0.02353	9.18	9.18	0	ANNUAL	LINE	5
610861.43	4205819.03	0.02307	9.17	9.17	0	ANNUAL	LINE	5
610868.43	4205819.03	0.02264	9.17	9.17	0	ANNUAL	LINE	5
610875.43	4205819.03	0.02222	9.16	9.16	0	ANNUAL	LINE	5
610882.43	4205819.03	0.02181	9.15	9.15	0	ANNUAL	LINE	5
610889.43	4205819.03	0.02142	9.14	9.14	0	ANNUAL	LINE	5
610910.43	4205819.03	0.02034	9.12	9.12	0	ANNUAL	LINE	5
610917.43	4205819.03	0.02	9.11	9.11	0	ANNUAL	LINE	5
610924.43	4205819.03	0.01968	9.11	9.11	0	ANNUAL	LINE	5
610931.43	4205819.03	0.01936	9.1	9.1	0	ANNUAL	LINE	5
610938.43	4205819.03	0.01906	9.1	9.1	0	ANNUAL	LINE	5
610945.43	4205819.03	0.01876	9.1	9.1	0	ANNUAL	LINE	5
610952.43	4205819.03	0.01848	9.1	9.1	0	ANNUAL	LINE	5
610959.43	4205819.03	0.0182	9.1	9.1	0	ANNUAL	LINE	5
610966.43	4205819.03	0.01794	9.1	9.1	0	ANNUAL	LINE	5
610973.43	4205819.03	0.01768	9.11	9.11	0	ANNUAL	LINE	5
610980.43	4205819.03	0.01743	9.11	9.11	0	ANNUAL	LINE	5
610987.43	4205819.03	0.01718	9.11	9.11	0	ANNUAL	LINE	5
610994.43	4205819.03	0.01694	9.11	9.11	0	ANNUAL	LINE	5
611001.43	4205819.03	0.01671	9.11	9.11	0	ANNUAL	LINE	5
611008.43	4205819.03	0.01649	9.11	9.11	0	ANNUAL	LINE	5
611015.43	4205819.03	0.01627	9.11	9.11	0	ANNUAL	LINE	5
611022.43	4205819.03	0.01605	9.11	9.11	0	ANNUAL	LINE	5
611029.43	4205819.03	0.01584	9.11	9.11	0	ANNUAL	LINE	5
611036.43	4205819.03	0.01564	9.12	9.12	0	ANNUAL	LINE	5
611043.43	4205819.03	0.01544	9.12	9.12	0	ANNUAL	LINE	5
611050.43	4205819.03	0.01524	9.12	9.12	0	ANNUAL	LINE	5
611057.43	4205819.03	0.01505	9.12	9.12	0	ANNUAL	LINE	5
611064.43	4205819.03	0.01487	9.12	9.12	0	ANNUAL	LINE	5
611071.43	4205819.03	0.01468	9.12	9.12	0	ANNUAL	LINE	5
611078.43	4205819.03	0.01451	9.12	9.12	0	ANNUAL	LINE	5
611085.43	4205819.03	0.01433	9.12	9.12	0	ANNUAL	LINE	5
611092.43	4205819.03	0.01416	9.12	9.12	0	ANNUAL	LINE	5
610294.43	4205826.03	0.11117	14.63	14.63	0	ANNUAL	LINE	5
610301.43	4205826.03	0.11024	14.54	14.54	0	ANNUAL	LINE	5
610308.43	4205826.03	0.10927	14.45	14.45	0	ANNUAL	LINE	5
610315.43	4205826.03	0.10827	14.37	14.37	0	ANNUAL	LINE	5
610322.43	4205826.03	0.10726	14.28	14.28	0	ANNUAL	LINE	5
610329.43	4205826.03	0.10622	14.19	14.19	0	ANNUAL	LINE	5
610336.43	4205826.03	0.10519	14.1	14.1	0	ANNUAL	LINE	5
610343.43	4205826.03	0.10411	14.01	14.01	0	ANNUAL	LINE	5
610350.43	4205826.03	0.10298	13.91	13.91	0	ANNUAL	LINE	5
610357.43	4205826.03	0.10182	13.82	13.82	0	ANNUAL	LINE	5
610364.43	4205826.03	0.10065	13.72	13.72	0	ANNUAL	LINE	5
610371.43	4205826.03	0.09946	13.63	13.63	0	ANNUAL	LINE	5
610378.43	4205826.03	0.09826	13.53	13.53	0	ANNUAL	LINE	5
610385.43	4205826.03	0.09705	13.43	13.43	0	ANNUAL	LINE	5
610392.43	4205826.03	0.09582	13.34	13.34	0	ANNUAL	LINE	5
610399.43	4205826.03	0.09458	13.24	13.24	0	ANNUAL	LINE	5
610406.43	4205826.03	0.09332	13.15	13.15	0	ANNUAL	LINE	5
610413.43	4205826.03	0.09206	13.05	13.05	0	ANNUAL	LINE	5
610420.43	4205826.03	0.09078	12.96	12.96	0	ANNUAL	LINE	5
610427.43	4205826.03	0.0895	12.86	12.86	0	ANNUAL	LINE	5
610434.43	4205826.03	0.08821	12.77	12.77	0	ANNUAL	LINE	5
610441.43	4205826.03	0.08691	12.67	12.67	0	ANNUAL	LINE	5
610448.43	4205826.03	0.08561	12.57	12.57	0	ANNUAL	LINE	5
610455.43	4205826.03	0.0843	12.48	12.48	0	ANNUAL	LINE	5
610462.43	4205826.03	0.08297	12.38	12.38	0	ANNUAL	LINE	5
610469.43	4205826.03	0.08163	12.29	12.29	0	ANNUAL	LINE	5
610476.43	4205826.03	0.08029	12.19	12.19	0	ANNUAL	LINE	5
610483.43	4205826.03	0.07894	12.1	12.1	0	ANNUAL	LINE	5
610490.43	4205826.03	0.07759	12	12	0	ANNUAL	LINE	5
610504.43	4205826.03	0.07482	11.99	11.99	0	ANNUAL	LINE	5
610511.43	4205826.03	0.07343	11.99	11.99	0	ANNUAL	LINE	5
610518.43	4205826.03	0.07205	11.99	11.99	0	ANNUAL	LINE	5
610525.43	4205826.03	0.07067	11.98	11.98	0	ANNUAL	LINE	5
610532.43	4205826.03	0.0693	11.98	11.98	0	ANNUAL	LINE	5
610539.43	4205826.03	0.06792	11.98	11.98	0	ANNUAL	LINE	5
610546.43	4205826.03	0.06656	11.98	11.98	0	ANNUAL	LINE	5
610553.43	4205826.03	0.0652	11.97	11.97	0	ANNUAL	LINE	5
610560.43	4205826.03	0.06385	11.97	11.97	0	ANNUAL	LINE	5
610567.43	4205826.03	0.06252	11.92	11.92	0	ANNUAL	LINE	5
610574.43	4205826.03	0.06122	11.82	11.82	0	ANNUAL	LINE	5
610581.43	4205826.03	0.05991	11.73	11.73	0	ANNUAL	LINE	5
610588.43	4205826.03	0.05862	11.63	11.63	0	ANNUAL	LINE	5
610595.43	4205826.03	0.05734	11.54	11.54	0	ANNUAL	LINE	5
610602.43	4205826.03	0.05607	11.45	11.45	0	ANNUAL	LINE	5
610609.43	4205826.03	0.05482	11.35	11.35	0	ANNUAL	LINE	5
610616.43	4205826.03	0.05357	11.26	11.26	0	ANNUAL	LINE	5
610623.43	4205826.03	0.05234	11.16	11.16	0	ANNUAL	LINE	5
610630.43	4205826.03	0.05112	11.07	11.07	0	ANNUAL	LINE	5
610637.43	4205826.03	0.04991	10.97	10.97	0	ANNUAL	LINE	5
610644.43	4205826.03	0.04873	10.88	10.88	0	ANNUAL	LINE	5
610651.43	4205826.03	0.04756	10.79	10.79	0	ANNUAL	LINE	5
610658.43	4205826.03	0.04641	10.69	10.69	0	ANNUAL	LINE	5
610686.43	4205826.03	0.04201	10.32	10.32	0	ANNUAL	LINE	5
610693.43	4205826.03	0.04097	10.22	10.22	0	ANNUAL	LINE	5
610700.43	4205826.03	0.03995	10.13	10.13	0	ANNUAL	LINE	5
610707.43	4205826.03	0.03895	10.03	10.03	0	ANNUAL	LINE	5
610742.43	4205826.03	0.03433	9.56	9.56	0	ANNUAL	LINE	5
610749.43	4205826.03	0.03349	9.46	9.46	0	ANNUAL	LINE	5
610756.43	4205826.03	0.03267	9.37	9.37	0	ANNUAL	LINE	5
610763.43	4205826.03	0.03188	9.27	9.27	0	ANNUAL	LINE	5
610770.43	4205826.03	0.03111	9.17	9.17	0	ANNUAL	LINE	5
610777.43	4205826.03	0.03037	9.08	9.08	0	ANNUAL	LINE	5
610784.43	4205826.03	0.02966	9	9	0	ANNUAL	LINE	5
610791.43	4205826.03	0.02898	9.01	9.01	0	ANNUAL	LINE	5
610798.43	4205826.03	0.02832	9.01	9.01	0	ANNUAL	LINE	5
610805.43	4205826.03	0.02769	9.01	9.01	0	ANNUAL	LINE	5
610812.43	4205826.03	0.02708	9.01	9.01	0	ANNUAL	LINE	5

610819.43	4205826.03	0.02649	9.02	9.02	0	ANNUAL	LINE	5
610826.43	4205826.03	0.02592	9.02	9.02	0	ANNUAL	LINE	5
610833.43	4205826.03	0.02538	9.02	9.02	0	ANNUAL	LINE	5
610840.43	4205826.03	0.02486	9.02	9.02	0	ANNUAL	LINE	5
610847.43	4205826.03	0.02436	9.02	9.02	0	ANNUAL	LINE	5
610854.43	4205826.03	0.02388	9.03	9.03	0	ANNUAL	LINE	5
610861.43	4205826.03	0.02342	9.03	9.03	0	ANNUAL	LINE	5
610868.43	4205826.03	0.02297	9.03	9.03	0	ANNUAL	LINE	5
610875.43	4205826.03	0.02254	9.03	9.03	0	ANNUAL	LINE	5
610882.43	4205826.03	0.02213	9.03	9.03	0	ANNUAL	LINE	5
610889.43	4205826.03	0.02173	9.03	9.03	0	ANNUAL	LINE	5
610910.43	4205826.03	0.02063	9.03	9.03	0	ANNUAL	LINE	5
610917.43	4205826.03	0.02029	9.03	9.03	0	ANNUAL	LINE	5
610924.43	4205826.03	0.01995	9.02	9.02	0	ANNUAL	LINE	5
610931.43	4205826.03	0.01964	9.02	9.02	0	ANNUAL	LINE	5
610938.43	4205826.03	0.01933	9.03	9.03	0	ANNUAL	LINE	5
610945.43	4205826.03	0.01903	9.03	9.03	0	ANNUAL	LINE	5
610952.43	4205826.03	0.01874	9.03	9.03	0	ANNUAL	LINE	5
610959.43	4205826.03	0.01846	9.03	9.03	0	ANNUAL	LINE	5
610966.43	4205826.03	0.01819	9.03	9.03	0	ANNUAL	LINE	5
610973.43	4205826.03	0.01792	9.03	9.03	0	ANNUAL	LINE	5
610980.43	4205826.03	0.01767	9.03	9.03	0	ANNUAL	LINE	5
610987.43	4205826.03	0.01742	9.03	9.03	0	ANNUAL	LINE	5
610994.43	4205826.03	0.01717	9.03	9.03	0	ANNUAL	LINE	5
611001.43	4205826.03	0.01694	9.03	9.03	0	ANNUAL	LINE	5
611008.43	4205826.03	0.01671	9.04	9.04	0	ANNUAL	LINE	5
611015.43	4205826.03	0.01648	9.04	9.04	0	ANNUAL	LINE	5
611022.43	4205826.03	0.01627	9.04	9.04	0	ANNUAL	LINE	5
611029.43	4205826.03	0.01605	9.04	9.04	0	ANNUAL	LINE	5
611036.43	4205826.03	0.01584	9.04	9.04	0	ANNUAL	LINE	5
611043.43	4205826.03	0.01564	9.04	9.04	0	ANNUAL	LINE	5
611050.43	4205826.03	0.01544	9.04	9.04	0	ANNUAL	LINE	5
611057.43	4205826.03	0.01525	9.04	9.04	0	ANNUAL	LINE	5
611064.43	4205826.03	0.01506	9.04	9.04	0	ANNUAL	LINE	5
611071.43	4205826.03	0.01487	9.04	9.04	0	ANNUAL	LINE	5
611078.43	4205826.03	0.01469	9.05	9.05	0	ANNUAL	LINE	5
611085.43	4205826.03	0.01451	9.05	9.05	0	ANNUAL	LINE	5
610294.43	4205833.03	0.11407	14.58	14.58	0	ANNUAL	LINE	5
610301.43	4205833.03	0.11309	14.5	14.5	0	ANNUAL	LINE	5
610308.43	4205833.03	0.1121	14.42	14.42	0	ANNUAL	LINE	5
610315.43	4205833.03	0.11108	14.33	14.33	0	ANNUAL	LINE	5
610322.43	4205833.03	0.11004	14.25	14.25	0	ANNUAL	LINE	5
610329.43	4205833.03	0.10898	14.17	14.17	0	ANNUAL	LINE	5
610336.43	4205833.03	0.10789	14.09	14.09	0	ANNUAL	LINE	5
610343.43	4205833.03	0.10679	14.01	14.01	0	ANNUAL	LINE	5
610350.43	4205833.03	0.10563	13.91	13.91	0	ANNUAL	LINE	5
610357.43	4205833.03	0.10445	13.82	13.82	0	ANNUAL	LINE	5
610364.43	4205833.03	0.10325	13.72	13.72	0	ANNUAL	LINE	5
610371.43	4205833.03	0.10204	13.62	13.62	0	ANNUAL	LINE	5
610378.43	4205833.03	0.10081	13.53	13.53	0	ANNUAL	LINE	5
610385.43	4205833.03	0.09957	13.43	13.43	0	ANNUAL	LINE	5
610392.43	4205833.03	0.0983	13.34	13.34	0	ANNUAL	LINE	5
610399.43	4205833.03	0.09703	13.24	13.24	0	ANNUAL	LINE	5
610406.43	4205833.03	0.09575	13.15	13.15	0	ANNUAL	LINE	5
610413.43	4205833.03	0.09445	13.05	13.05	0	ANNUAL	LINE	5
610420.43	4205833.03	0.09314	12.96	12.96	0	ANNUAL	LINE	5
610427.43	4205833.03	0.09182	12.86	12.86	0	ANNUAL	LINE	5
610434.43	4205833.03	0.0905	12.76	12.76	0	ANNUAL	LINE	5
610441.43	4205833.03	0.08916	12.67	12.67	0	ANNUAL	LINE	5
610448.43	4205833.03	0.08782	12.57	12.57	0	ANNUAL	LINE	5
610455.43	4205833.03	0.08647	12.48	12.48	0	ANNUAL	LINE	5
610462.43	4205833.03	0.0851	12.38	12.38	0	ANNUAL	LINE	5
610469.43	4205833.03	0.08372	12.29	12.29	0	ANNUAL	LINE	5
610476.43	4205833.03	0.08234	12.19	12.19	0	ANNUAL	LINE	5
610483.43	4205833.03	0.08096	12.09	12.09	0	ANNUAL	LINE	5
610490.43	4205833.03	0.07956	12	12	0	ANNUAL	LINE	5
610504.43	4205833.03	0.07671	11.98	11.98	0	ANNUAL	LINE	5
610511.43	4205833.03	0.07528	11.97	11.97	0	ANNUAL	LINE	5
610518.43	4205833.03	0.07386	11.96	11.96	0	ANNUAL	LINE	5
610525.43	4205833.03	0.07244	11.95	11.95	0	ANNUAL	LINE	5
610532.43	4205833.03	0.07102	11.94	11.94	0	ANNUAL	LINE	5
610539.43	4205833.03	0.06961	11.93	11.93	0	ANNUAL	LINE	5
610546.43	4205833.03	0.0682	11.92	11.92	0	ANNUAL	LINE	5
610553.43	4205833.03	0.0668	11.91	11.91	0	ANNUAL	LINE	5
610560.43	4205833.03	0.06541	11.9	11.9	0	ANNUAL	LINE	5
610567.43	4205833.03	0.06404	11.84	11.84	0	ANNUAL	LINE	5
610574.43	4205833.03	0.06268	11.75	11.75	0	ANNUAL	LINE	5
610581.43	4205833.03	0.06134	11.65	11.65	0	ANNUAL	LINE	5
610588.43	4205833.03	0.06001	11.56	11.56	0	ANNUAL	LINE	5
610595.43	4205833.03	0.05868	11.46	11.46	0	ANNUAL	LINE	5
610602.43	4205833.03	0.05737	11.37	11.37	0	ANNUAL	LINE	5
610609.43	4205833.03	0.05607	11.27	11.27	0	ANNUAL	LINE	5
610616.43	4205833.03	0.05478	11.18	11.18	0	ANNUAL	LINE	5
610623.43	4205833.03	0.0535	11.08	11.08	0	ANNUAL	LINE	5
610630.43	4205833.03	0.05224	10.99	10.99	0	ANNUAL	LINE	5
610637.43	4205833.03	0.051	10.9	10.9	0	ANNUAL	LINE	5
610644.43	4205833.03	0.04978	10.81	10.81	0	ANNUAL	LINE	5
610651.43	4205833.03	0.04857	10.72	10.72	0	ANNUAL	LINE	5
610658.43	4205833.03	0.04738	10.64	10.64	0	ANNUAL	LINE	5
610665.43	4205833.03	0.04621	10.55	10.55	0	ANNUAL	LINE	5
610693.43	4205833.03	0.04177	10.21	10.21	0	ANNUAL	LINE	5
610700.43	4205833.03	0.04072	10.12	10.12	0	ANNUAL	LINE	5
610707.43	4205833.03	0.03969	10.03	10.03	0	ANNUAL	LINE	5
610728.43	4205833.03	0.03676	9.75	9.75	0	ANNUAL	LINE	5
610735.43	4205833.03	0.03583	9.65	9.65	0	ANNUAL	LINE	5
610742.43	4205833.03	0.03494	9.56	9.56	0	ANNUAL	LINE	5
610749.43	4205833.03	0.03407	9.46	9.46	0	ANNUAL	LINE	5
610756.43	4205833.03	0.03323	9.36	9.36	0	ANNUAL	LINE	5
610763.43	4205833.03	0.03242	9.27	9.27	0	ANNUAL	LINE	5
610770.43	4205833.03	0.03164	9.17	9.17	0	ANNUAL	LINE	5
610777.43	4205833.03	0.03088	9.08	9.08	0	ANNUAL	LINE	5
610784.43	4205833.03	0.03015	9	9	0	ANNUAL	LINE	5
610791.43	4205833.03	0.02945	9	9	0	ANNUAL	LINE	5
610798.43	4205833.03	0.02878	9	9	0	ANNUAL	LINE	5
610805.43	4205833.03	0.02813	9	9	0	ANNUAL	LINE	5
610812.43	4205833.03	0.0275	9	9	0	ANNUAL	LINE	5
610819.43	4205833.03	0.0269	9	9	0	ANNUAL	LINE	5
610826.43	4205833.03	0.02633	9	9	0	ANNUAL	LINE	5
610833.43	4205833.03	0.02577	9	9	0	ANNUAL	LINE	5
610840.43	4205833.03	0.02524	9	9	0	ANNUAL	LINE	5
610847.43	4205833.03	0.02473	9	9	0	ANNUAL	LINE	5
610854.43	4205833.03	0.02424	9	9	0	ANNUAL	LINE	5
610861.43	4205833.03	0.02377	9	9	0	ANNUAL	LINE	5
610868.43	4205833.03	0.02331	9	9	0	ANNUAL	LINE	5
610875.43	4205833.03	0.02288	9	9	0	ANNUAL	LINE	5
610882.43	4205833.03	0.02246	9	9	0	ANNUAL	LINE	5
610889.43	4205833.03	0.02205	9	9	0	ANNUAL	LINE	5
610910.43	4205833.03	0.02093	9	9	0	ANNUAL	LINE	5
610917.43	4205833.03	0.02058	9	9	0	ANNUAL	LINE	5
610924.43	4205833.03	0.02024	9	9	0	ANNUAL	LINE	5
610931.43	4205833.03	0.01992	9	9	0	ANNUAL	LINE	5
610938.43	4205833.03	0.0196	9	9	0	ANNUAL	LINE	5
610945.43	4205833.03	0.0193	9	9	0	ANNUAL	LINE	5
610952.43	4205833.03	0.019	9	9	0	ANNUAL	LINE	5
610959.43	4205833.03	0.01872	9	9	0	ANNUAL	LINE	5
610966.43	4205833.03	0.01844	9	9	0	ANNUAL	LINE	5
610973.43	4205833.03	0.01817	9	9	0	ANNUAL	LINE	5
610980.43	4205833.03	0.01791	9	9	0	ANNUAL	LINE	5
610987.43	4205833.03	0.01766	9	9	0	ANNUAL	LINE	5
610994.43	4205833.03	0.01741	9	9	0	ANNUAL	LINE	5
611001.43	4205833.03	0.01717	9	9	0	ANNUAL	LINE	5
611008.43	4205833.03	0.01694	9	9	0	ANNUAL	LINE	5
611015.43	4205833.03	0.01671	9	9	0	ANNUAL	LINE	5
611022.43	4205833.03	0.01648	9	9	0	ANNUAL	LINE	5
611029.43	4205833.03	0.01627	9	9	0	ANNUAL	LINE	5
611036.43	4205833.03	0.01606	9	9	0	ANNUAL	LINE	5
611043.43	4205833.03	0.01585	9	9	0	ANNUAL	LINE	5
611050.43	4205833.03	0.01565	9	9	0	ANNUAL	LINE	5
611057.43	4205833.03	0.01545	9	9	0	ANNUAL	LINE	5
611064.43	4205833.03	0.01525	9	9	0	ANNUAL	LINE	5
611071.43	4205833.03	0.01506	9	9	0	ANNUAL	LINE	5
611078.43	4205833.03	0.01488	9	9	0	ANNUAL	LINE	5
611085.43	4205833.03	0.0147	9	9	0	ANNUAL	LINE	5
610294.43	4205840.03	0.11704	14.53	14.53	0	ANNUAL	LINE	5
610301.43	4205840.03	0.11605	14.45	14.45	0	ANNUAL	LINE	5
610308.43	4205840.03	0.11503	14.38	14.38	0	ANNUAL	LINE	5
610315.43	4205840.03	0.11399	14.3	14.3	0	ANNUAL	LINE	5
610322.43	4205840.03	0.1129	14.23	14.23	0	ANNUAL	LINE	5
610329.43	4205840.03	0.11181	14.15	14.15	0	ANNUAL	LINE	5
610336.43	4205840.03	0.1107	14.08	14.08	0	ANNUAL	LINE	5
610343.43	4205840.03	0.10957	14	14	0	ANNUAL	LINE	5
610350.43	4205840.03	0.10838	13.91	13.91	0	ANNUAL	LINE	5
610357.43	4205840.03	0.10718	13.81	13.81	0	ANNUAL	LINE	5
610364.43	4205840.03	0.10595	13.72	13.72	0	ANNUAL	LINE	5
610371.43	4205840.03	0.10471	13.62	13.62	0	ANNUAL	LINE	5
610378.43	4205840.03	0.10345	13.53	13.53	0	ANNUAL	LINE	5
610385.43	4205840.03	0.10218	13.43	13.43	0	ANNUAL	LINE	5
610392.43	4205840.03	0.10089	13.34	13.34	0	ANNUAL	LINE	5
610399.43	4205840.03	0.09958	13.24	13.24	0	ANNUAL	LINE	5
610406.43	4205840.03	0.09826	13.15	13.15	0	ANNUAL	LINE	5
610413.43	4205840.03	0.09693	13.05	13.05	0	ANNUAL	LINE	5
610420.43	4205840.03	0.09559	12.95	12.95	0	ANNUAL	LINE	5
610427.43	4205840.03	0.09424	12.86	12.86	0	ANNUAL	LINE	5
610434.43	4205840.03	0.09288	12.76	12.76	0	ANNUAL	LINE	5
610441.43	4205840.03	0.0915	12.67	12.67	0	ANNUAL	LINE	5
610448.43	4205840.03	0.09013	12.57	12.57	0	ANNUAL	LINE	5
610455.43	4205840.03	0.08873	12.48	12.48	0	ANNUAL	LINE	5
610462.43	4205840.03	0.08733	12.38	12.38	0	ANNUAL	LINE	5
610469.43	4205840.03	0.08591	12.28	12.28	0	ANNUAL	LINE	5
610476.43	4205840.03	0.08448	12.19	12.19	0	ANNUAL	LINE	5
610483.43	4205840.03	0.08305	12.09	12.09	0	ANNUAL	LINE	5
610490.43	4205840.03	0.08162	12	12	0	ANNUAL	LINE	5
610504.43	4205840.03	0.07868	11.96	11.96	0	ANNUAL	LINE	5
610511.43	4205840.03	0.07721	11.95	11.95	0	ANNUAL	LINE	5
610518.43	4205840.03	0.07574	11.93	11.93	0	ANNUAL	LINE	5
610525.43	4205840.03	0.07428	11.91	11.91	0	ANNUAL	LINE	5
610532.43	4205840.03	0.07282	11.89	11.89	0	ANNUAL	LINE	5
610539.43	4205840.03	0.07136	11.88	11.88	0	ANNUAL	LINE	5
610546.43	4205840.03	0.06991	11.86	11.86	0	ANNUAL	LINE	5
610553.43	4205840.03	0.06846	11.84	11.84	0	ANNUAL	LINE	5
610560.43	4205840.03	0.06703	11.83	11.83	0	ANNUAL	LINE	5
610567.43	4205840.03	0.06561	11.76	11.76	0	ANNUAL	LINE	5
610574.43	4205840.03	0.06421	11.67	11.67	0	ANNUAL	LINE	5
610581.43	4205840.03	0.06282	11.58	11.58	0	ANNUAL	LINE	5
610588.43	4205840.03	0.06144	11.48	11.48	0	ANNUAL	LINE	5
610595.43	4205840.03	0.06007	11.39	11.39	0	ANNUAL	LINE	5
610602.43	4205840.03	0.05871	11.29	11.29	0	ANNUAL	LINE	5
610609.43	4205840.03	0.05737	11.2	11.2	0	ANNUAL	LINE	5
610616.43	4205840.03	0.05603	11.1	11.1	0	ANNUAL	LINE	5
610623.43	4205840.03	0.05472	11.01	11.01	0	ANNUAL	LINE	5
610630.43	4205840.03	0.05341	10.91	10.91	0	ANNUAL	LINE	5
610637.43	4205840.03	0.05213	10.82	10.82	0	ANNUAL	LINE	5
610644.43	4205840.03	0.05086	10.74	10.74	0	ANNUAL	LINE	5
610651.43	4205840.03	0.04962	10.66	10.66	0	ANNUAL	LINE	5
610658.43	4205840.03	0.04839	10.58	10.58	0	ANNUAL	LINE	5
610665.43	4205840.03	0.04718	10.51	10.51	0	ANNUAL	LINE	5
610672.43	4205840.03	0.046	10.43	10.43	0	ANNUAL	LINE	5
610721.43	4205840.03	0.03841	9.84	9.84	0	ANNUAL	LINE	5
610728.43	4205840.03	0.03743	9.75	9.75	0	ANNUAL	LINE	5
610735.43	4205840.03	0.03649	9.65	9.65	0	ANNUAL	LINE	5
610742.43	4205840.03	0.03557	9.55	9.55	0	ANNUAL	LINE	5
610749.43	4205840.03	0.03467	9.46	9.46	0	ANNUAL	LINE	5
610756.43	4205840.03	0.03381	9.36	9.36	0	ANNUAL	LINE	5
610763.43	4205840.03	0.03298	9.27	9.27	0	ANNUAL	LINE	5
610770.43	4205840.03	0.03217	9.17	9.17	0	ANNUAL	LINE	5
610777.43	4205840.03	0.0314	9.08	9.08	0	ANNUAL	LINE	5
610784.43	4205840.03	0.03065	9	9	0	ANNUAL	LINE	5
610791.43	4205840.03	0.02994	9	9	0	ANNUAL	LINE	5
610798.43	4205840.03	0.02924	9	9	0	ANNUAL	LINE	5
610805.43	4205840.03	0.02858	9	9	0	ANNUAL	LINE	5
610812.43	4205840.03	0.02794	9	9	0	ANNUAL	LINE	5

610819.43	4205840.03	0.02733	9	9	0	ANNUAL	LINE	5
610826.43	4205840.03	0.02674	9	9	0	ANNUAL	LINE	5
610833.43	4205840.03	0.02618	9	9	0	ANNUAL	LINE	5
610840.43	4205840.03	0.02563	9	9	0	ANNUAL	LINE	5
610847.43	4205840.03	0.02511	9	9	0	ANNUAL	LINE	5
610854.43	4205840.03	0.02461	9	9	0	ANNUAL	LINE	5
610861.43	4205840.03	0.02413	9	9	0	ANNUAL	LINE	5
610868.43	4205840.03	0.02367	9	9	0	ANNUAL	LINE	5
610875.43	4205840.03	0.02322	9	9	0	ANNUAL	LINE	5
610882.43	4205840.03	0.02279	9	9	0	ANNUAL	LINE	5
610889.43	4205840.03	0.02238	9	9	0	ANNUAL	LINE	5
610910.43	4205840.03	0.02124	9	9	0	ANNUAL	LINE	5
610917.43	4205840.03	0.02088	9	9	0	ANNUAL	LINE	5
610924.43	4205840.03	0.02054	9	9	0	ANNUAL	LINE	5
610931.43	4205840.03	0.02021	9	9	0	ANNUAL	LINE	5
610938.43	4205840.03	0.01989	9	9	0	ANNUAL	LINE	5
610945.43	4205840.03	0.01958	9	9	0	ANNUAL	LINE	5
610952.43	4205840.03	0.01928	9	9	0	ANNUAL	LINE	5
610959.43	4205840.03	0.01898	9	9	0	ANNUAL	LINE	5
610966.43	4205840.03	0.0187	9	9	0	ANNUAL	LINE	5
610973.43	4205840.03	0.01843	9	9	0	ANNUAL	LINE	5
610980.43	4205840.03	0.01816	9	9	0	ANNUAL	LINE	5
610987.43	4205840.03	0.0179	9	9	0	ANNUAL	LINE	5
610994.43	4205840.03	0.01765	9	9	0	ANNUAL	LINE	5
611001.43	4205840.03	0.01741	9	9	0	ANNUAL	LINE	5
611008.43	4205840.03	0.01717	9	9	0	ANNUAL	LINE	5
611015.43	4205840.03	0.01694	9	9	0	ANNUAL	LINE	5
611022.43	4205840.03	0.01671	9	9	0	ANNUAL	LINE	5
611029.43	4205840.03	0.01649	9	9	0	ANNUAL	LINE	5
611036.43	4205840.03	0.01627	9	9	0	ANNUAL	LINE	5
611043.43	4205840.03	0.01606	9	9	0	ANNUAL	LINE	5
611050.43	4205840.03	0.01585	9	9	0	ANNUAL	LINE	5
611057.43	4205840.03	0.01565	9	9	0	ANNUAL	LINE	5
611064.43	4205840.03	0.01545	9	9	0	ANNUAL	LINE	5
611071.43	4205840.03	0.01526	9	9	0	ANNUAL	LINE	5
610294.43	4205847.03	0.12013	14.47	14.47	0	ANNUAL	LINE	5
610301.43	4205847.03	0.11911	14.41	14.41	0	ANNUAL	LINE	5
610308.43	4205847.03	0.11807	14.34	14.34	0	ANNUAL	LINE	5
610315.43	4205847.03	0.11698	14.27	14.27	0	ANNUAL	LINE	5
610322.43	4205847.03	0.11589	14.21	14.21	0	ANNUAL	LINE	5
610329.43	4205847.03	0.11477	14.14	14.14	0	ANNUAL	LINE	5
610336.43	4205847.03	0.11362	14.07	14.07	0	ANNUAL	LINE	5
610343.43	4205847.03	0.11246	14	14	0	ANNUAL	LINE	5
610350.43	4205847.03	0.11124	13.91	13.91	0	ANNUAL	LINE	5
610357.43	4205847.03	0.11001	13.81	13.81	0	ANNUAL	LINE	5
610364.43	4205847.03	0.10876	13.72	13.72	0	ANNUAL	LINE	5
610371.43	4205847.03	0.10749	13.62	13.62	0	ANNUAL	LINE	5
610378.43	4205847.03	0.1062	13.53	13.53	0	ANNUAL	LINE	5
610385.43	4205847.03	0.1049	13.43	13.43	0	ANNUAL	LINE	5
610392.43	4205847.03	0.10357	13.34	13.34	0	ANNUAL	LINE	5
610399.43	4205847.03	0.10224	13.24	13.24	0	ANNUAL	LINE	5
610406.43	4205847.03	0.10089	13.14	13.14	0	ANNUAL	LINE	5
610413.43	4205847.03	0.09952	13.05	13.05	0	ANNUAL	LINE	5
610420.43	4205847.03	0.09814	12.95	12.95	0	ANNUAL	LINE	5
610427.43	4205847.03	0.09675	12.86	12.86	0	ANNUAL	LINE	5
610434.43	4205847.03	0.09535	12.76	12.76	0	ANNUAL	LINE	5
610441.43	4205847.03	0.09394	12.67	12.67	0	ANNUAL	LINE	5
610448.43	4205847.03	0.09252	12.57	12.57	0	ANNUAL	LINE	5
610455.43	4205847.03	0.09109	12.47	12.47	0	ANNUAL	LINE	5
610462.43	4205847.03	0.08964	12.38	12.38	0	ANNUAL	LINE	5
610469.43	4205847.03	0.08818	12.28	12.28	0	ANNUAL	LINE	5
610476.43	4205847.03	0.08671	12.19	12.19	0	ANNUAL	LINE	5
610483.43	4205847.03	0.08524	12.09	12.09	0	ANNUAL	LINE	5
610490.43	4205847.03	0.08375	12	12	0	ANNUAL	LINE	5
610504.43	4205847.03	0.08073	11.95	11.95	0	ANNUAL	LINE	5
610511.43	4205847.03	0.07922	11.92	11.92	0	ANNUAL	LINE	5
610518.43	4205847.03	0.0777	11.9	11.9	0	ANNUAL	LINE	5
610525.43	4205847.03	0.0762	11.87	11.87	0	ANNUAL	LINE	5
610532.43	4205847.03	0.07469	11.85	11.85	0	ANNUAL	LINE	5
610539.43	4205847.03	0.07318	11.82	11.82	0	ANNUAL	LINE	5
610546.43	4205847.03	0.07169	11.8	11.8	0	ANNUAL	LINE	5
610553.43	4205847.03	0.07019	11.78	11.78	0	ANNUAL	LINE	5
610560.43	4205847.03	0.06871	11.75	11.75	0	ANNUAL	LINE	5
610567.43	4205847.03	0.06725	11.69	11.69	0	ANNUAL	LINE	5
610574.43	4205847.03	0.0658	11.59	11.59	0	ANNUAL	LINE	5
610581.43	4205847.03	0.06436	11.5	11.5	0	ANNUAL	LINE	5
610588.43	4205847.03	0.06294	11.4	11.4	0	ANNUAL	LINE	5
610595.43	4205847.03	0.06152	11.31	11.31	0	ANNUAL	LINE	5
610602.43	4205847.03	0.06011	11.21	11.21	0	ANNUAL	LINE	5
610609.43	4205847.03	0.05872	11.12	11.12	0	ANNUAL	LINE	5
610616.43	4205847.03	0.05734	11.03	11.03	0	ANNUAL	LINE	5
610623.43	4205847.03	0.05597	10.93	10.93	0	ANNUAL	LINE	5
610630.43	4205847.03	0.05463	10.84	10.84	0	ANNUAL	LINE	5
610637.43	4205847.03	0.0533	10.74	10.74	0	ANNUAL	LINE	5
610644.43	4205847.03	0.05199	10.67	10.67	0	ANNUAL	LINE	5
610651.43	4205847.03	0.0507	10.6	10.6	0	ANNUAL	LINE	5
610658.43	4205847.03	0.04943	10.53	10.53	0	ANNUAL	LINE	5
610665.43	4205847.03	0.04819	10.46	10.46	0	ANNUAL	LINE	5
610672.43	4205847.03	0.04697	10.39	10.39	0	ANNUAL	LINE	5
610679.43	4205847.03	0.04577	10.31	10.31	0	ANNUAL	LINE	5
610714.43	4205847.03	0.04018	9.94	9.94	0	ANNUAL	LINE	5
610721.43	4205847.03	0.03914	9.84	9.84	0	ANNUAL	LINE	5
610728.43	4205847.03	0.03813	9.74	9.74	0	ANNUAL	LINE	5
610735.43	4205847.03	0.03716	9.65	9.65	0	ANNUAL	LINE	5
610742.43	4205847.03	0.03621	9.55	9.55	0	ANNUAL	LINE	5
610749.43	4205847.03	0.0353	9.46	9.46	0	ANNUAL	LINE	5
610756.43	4205847.03	0.03441	9.36	9.36	0	ANNUAL	LINE	5
610763.43	4205847.03	0.03356	9.27	9.27	0	ANNUAL	LINE	5
610770.43	4205847.03	0.03273	9.17	9.17	0	ANNUAL	LINE	5
610777.43	4205847.03	0.03194	9.07	9.07	0	ANNUAL	LINE	5
610784.43	4205847.03	0.03117	9	9	0	ANNUAL	LINE	5
610791.43	4205847.03	0.03044	9	9	0	ANNUAL	LINE	5
610798.43	4205847.03	0.02973	9	9	0	ANNUAL	LINE	5
610805.43	4205847.03	0.02905	9	9	0	ANNUAL	LINE	5
610812.43	4205847.03	0.0284	9	9	0	ANNUAL	LINE	5
610819.43	4205847.03	0.02777	9	9	0	ANNUAL	LINE	5
610826.43	4205847.03	0.02717	9	9	0	ANNUAL	LINE	5
610833.43	4205847.03	0.02659	9	9	0	ANNUAL	LINE	5
610840.43	4205847.03	0.02604	9	9	0	ANNUAL	LINE	5
610847.43	4205847.03	0.0255	9	9	0	ANNUAL	LINE	5
610854.43	4205847.03	0.02499	9	9	0	ANNUAL	LINE	5
610861.43	4205847.03	0.0245	9	9	0	ANNUAL	LINE	5
610868.43	4205847.03	0.02403	9	9	0	ANNUAL	LINE	5
610875.43	4205847.03	0.02358	9	9	0	ANNUAL	LINE	5
610882.43	4205847.03	0.02314	9	9	0	ANNUAL	LINE	5
610889.43	4205847.03	0.02272	9	9	0	ANNUAL	LINE	5
610910.43	4205847.03	0.02155	9	9	0	ANNUAL	LINE	5
610917.43	4205847.03	0.02119	9	9	0	ANNUAL	LINE	5
610924.43	4205847.03	0.02084	9	9	0	ANNUAL	LINE	5
610931.43	4205847.03	0.0205	9	9	0	ANNUAL	LINE	5
610938.43	4205847.03	0.02018	9	9	0	ANNUAL	LINE	5
610945.43	4205847.03	0.01986	9	9	0	ANNUAL	LINE	5
610952.43	4205847.03	0.01955	9	9	0	ANNUAL	LINE	5
610959.43	4205847.03	0.01926	9	9	0	ANNUAL	LINE	5
610966.43	4205847.03	0.01897	9	9	0	ANNUAL	LINE	5
610973.43	4205847.03	0.01869	9	9	0	ANNUAL	LINE	5
610980.43	4205847.03	0.01842	9	9	0	ANNUAL	LINE	5
610987.43	4205847.03	0.01816	9	9	0	ANNUAL	LINE	5
610994.43	4205847.03	0.0179	9	9	0	ANNUAL	LINE	5
611001.43	4205847.03	0.01765	9	9	0	ANNUAL	LINE	5
611008.43	4205847.03	0.01741	9	9	0	ANNUAL	LINE	5
611015.43	4205847.03	0.01717	9	9	0	ANNUAL	LINE	5
611022.43	4205847.03	0.01694	9	9	0	ANNUAL	LINE	5
611029.43	4205847.03	0.01671	9	9	0	ANNUAL	LINE	5
611036.43	4205847.03	0.01649	9	9	0	ANNUAL	LINE	5
611043.43	4205847.03	0.01628	9	9	0	ANNUAL	LINE	5
611050.43	4205847.03	0.01607	9	9	0	ANNUAL	LINE	5
611057.43	4205847.03	0.01586	9	9	0	ANNUAL	LINE	5
611064.43	4205847.03	0.01566	9	9	0	ANNUAL	LINE	5
610294.43	4205854.03	0.12336	14.42	14.42	0	ANNUAL	LINE	5
610301.43	4205854.03	0.12229	14.36	14.36	0	ANNUAL	LINE	5
610308.43	4205854.03	0.12123	14.3	14.3	0	ANNUAL	LINE	5
610315.43	4205854.03	0.12011	14.24	14.24	0	ANNUAL	LINE	5
610322.43	4205854.03	0.119	14.18	14.18	0	ANNUAL	LINE	5
610329.43	4205854.03	0.11783	14.12	14.12	0	ANNUAL	LINE	5
610336.43	4205854.03	0.11667	14.06	14.06	0	ANNUAL	LINE	5
610343.43	4205854.03	0.11546	14	14	0	ANNUAL	LINE	5
610350.43	4205854.03	0.11422	13.91	13.91	0	ANNUAL	LINE	5
610357.43	4205854.03	0.11296	13.81	13.81	0	ANNUAL	LINE	5
610364.43	4205854.03	0.11168	13.72	13.72	0	ANNUAL	LINE	5
610371.43	4205854.03	0.11038	13.62	13.62	0	ANNUAL	LINE	5
610378.43	4205854.03	0.10906	13.53	13.53	0	ANNUAL	LINE	5
610385.43	4205854.03	0.10772	13.43	13.43	0	ANNUAL	LINE	5
610392.43	4205854.03	0.10637	13.33	13.33	0	ANNUAL	LINE	5
610399.43	4205854.03	0.105	13.24	13.24	0	ANNUAL	LINE	5
610406.43	4205854.03	0.10361	13.14	13.14	0	ANNUAL	LINE	5
610413.43	4205854.03	0.10221	13.05	13.05	0	ANNUAL	LINE	5
610420.43	4205854.03	0.1008	12.95	12.95	0	ANNUAL	LINE	5
610427.43	4205854.03	0.09936	12.86	12.86	0	ANNUAL	LINE	5
610434.43	4205854.03	0.09793	12.76	12.76	0	ANNUAL	LINE	5
610441.43	4205854.03	0.09648	12.66	12.66	0	ANNUAL	LINE	5
610448.43	4205854.03	0.09502	12.57	12.57	0	ANNUAL	LINE	5
610455.43	4205854.03	0.09355	12.47	12.47	0	ANNUAL	LINE	5
610462.43	4205854.03	0.09205	12.38	12.38	0	ANNUAL	LINE	5
610469.43	4205854.03	0.09055	12.28	12.28	0	ANNUAL	LINE	5
610476.43	4205854.03	0.08903	12.19	12.19	0	ANNUAL	LINE	5
610483.43	4205854.03	0.08751	12.09	12.09	0	ANNUAL	LINE	5
610490.43	4205854.03	0.08598	12	12	0	ANNUAL	LINE	5
610504.43	4205854.03	0.08287	11.93	11.93	0	ANNUAL	LINE	5
610511.43	4205854.03	0.08131	11.9	11.9	0	ANNUAL	LINE	5
610518.43	4205854.03	0.07975	11.87	11.87	0	ANNUAL	LINE	5
610525.43	4205854.03	0.07819	11.84	11.84	0	ANNUAL	LINE	5
610532.43	4205854.03	0.07664	11.8	11.8	0	ANNUAL	LINE	5
610560.43	4205854.03	0.07046	11.68	11.68	0	ANNUAL	LINE	5
610567.43	4205854.03	0.06895	11.61	11.61	0	ANNUAL	LINE	5
610595.43	4205854.03	0.06302	11.23	11.23	0	ANNUAL	LINE	5
610602.43	4205854.03	0.06156	11.14	11.14	0	ANNUAL	LINE	5
610609.43	4205854.03	0.06012	11.04	11.04	0	ANNUAL	LINE	5
610616.43	4205854.03	0.05869	10.95	10.95	0	ANNUAL	LINE	5
610623.43	4205854.03	0.05728	10.85	10.85	0	ANNUAL	LINE	5
610630.43	4205854.03	0.05589	10.76	10.76	0	ANNUAL	LINE	5
610637.43	4205854.03	0.05452	10.67	10.67	0	ANNUAL	LINE	5
610644.43	4205854.03	0.05316	10.6	10.6	0	ANNUAL	LINE	5
610651.43	4205854.03	0.05183	10.54	10.54	0	ANNUAL	LINE	5
610658.43	4205854.03	0.05052	10.48	10.48	0	ANNUAL	LINE	5
610665.43	4205854.03	0.04923	10.41	10.41	0	ANNUAL	LINE	5
610672.43	4205854.03	0.04797	10.35	10.35	0	ANNUAL	LINE	5
610679.43	4205854.03	0.04673	10.28	10.28	0	ANNUAL	LINE	5
610721.43	4205854.03	0.03989	9.84	9.84	0	ANNUAL	LINE	5
610728.43	4205854.03	0.03886	9.74	9.74	0	ANNUAL	LINE	5
610735.43	4205854.03	0.03785	9.65	9.65	0	ANNUAL	LINE	5
610742.43	4205854.03	0.03688	9.55	9.55	0	ANNUAL	LINE	5
610749.43	4205854.03	0.03594	9.46	9.46	0	ANNUAL	LINE	5
610756.43	4205854.03	0.03503	9.36	9.36	0	ANNUAL	LINE	5
610763.43	4205854.03	0.03415	9.26	9.26	0	ANNUAL	LINE	5
610770.43	4205854.03	0.0333	9.17	9.17	0	ANNUAL	LINE	5
610777.43	4205854.03	0.03249	9.07	9.07	0	ANNUAL	LINE	5
610784.43	4205854.03	0.0317	9	9	0	ANNUAL	LINE	5
610791.43	4205854.03	0.03095	9	9	0	ANNUAL	LINE	5
610798.43	4205854.03	0.03023	9	9	0	ANNUAL	LINE	5
610805.43	4205854.03	0.02953	9	9	0	ANNUAL	LINE	5
610812.43	4205854.03	0.02886	9	9	0	ANNUAL	LINE	5
610819.43	4205854.03	0.02822	9	9	0	ANNUAL	LINE	5
610826.43	4205854.03	0.02761	9	9	0	ANNUAL	LINE	5
610833.43	4205854.03	0.02702	9	9	0	ANNUAL	LINE	5
610840.43	4205854.03	0.02645	9	9	0	ANNUAL	LINE	5
610847.43	4205854.03	0.02591	9	9	0	ANNUAL	LINE	5
610854.43	4205854.03	0.02538	9	9	0	ANNUAL	LINE	5
610861.43	4205854.03	0.02488	9	9	0	ANNUAL	LINE	5
610868.43	4205854.03	0.0244	9	9	0	ANNUAL	LINE	5
610875.43	4205854.03	0.02394	9	9	0	ANNUAL	LINE	5

610882.43	4205854.03	0.0235	9	9	0	ANNUAL	LINE	5
610889.43	4205854.03	0.02307	9	9	0	ANNUAL	LINE	5
610910.43	4205854.03	0.02188	9	9	0	ANNUAL	LINE	5
610917.43	4205854.03	0.02151	9	9	0	ANNUAL	LINE	5
610924.43	4205854.03	0.02115	9	9	0	ANNUAL	LINE	5
610931.43	4205854.03	0.02081	9	9	0	ANNUAL	LINE	5
610938.43	4205854.03	0.02048	9	9	0	ANNUAL	LINE	5
610945.43	4205854.03	0.02015	9	9	0	ANNUAL	LINE	5
610952.43	4205854.03	0.01984	9	9	0	ANNUAL	LINE	5
610959.43	4205854.03	0.01954	9	9	0	ANNUAL	LINE	5
610966.43	4205854.03	0.01925	9	9	0	ANNUAL	LINE	5
610973.43	4205854.03	0.01896	9	9	0	ANNUAL	LINE	5
610980.43	4205854.03	0.01869	9	9	0	ANNUAL	LINE	5
610987.43	4205854.03	0.01842	9	9	0	ANNUAL	LINE	5
610994.43	4205854.03	0.01816	9	9	0	ANNUAL	LINE	5
611001.43	4205854.03	0.0179	9	9	0	ANNUAL	LINE	5
611008.43	4205854.03	0.01765	9	9	0	ANNUAL	LINE	5
611015.43	4205854.03	0.01741	9	9	0	ANNUAL	LINE	5
611022.43	4205854.03	0.01718	9	9	0	ANNUAL	LINE	5
611029.43	4205854.03	0.01695	9	9	0	ANNUAL	LINE	5
611036.43	4205854.03	0.01672	9	9	0	ANNUAL	LINE	5
611043.43	4205854.03	0.0165	9	9	0	ANNUAL	LINE	5
611078.43	4205854.03	0.01547	9	9	0	ANNUAL	LINE	5
611085.43	4205854.03	0.01528	9	9	0	ANNUAL	LINE	5
610294.43	4205861.03	0.12668	14.37	14.37	0	ANNUAL	LINE	5
610301.43	4205861.03	0.1256	14.32	14.32	0	ANNUAL	LINE	5
610308.43	4205861.03	0.12448	14.27	14.27	0	ANNUAL	LINE	5
610315.43	4205861.03	0.12336	14.21	14.21	0	ANNUAL	LINE	5
610322.43	4205861.03	0.1222	14.16	14.16	0	ANNUAL	LINE	5
610329.43	4205861.03	0.121	14.11	14.11	0	ANNUAL	LINE	5
610336.43	4205861.03	0.11982	14.05	14.05	0	ANNUAL	LINE	5
610343.43	4205861.03	0.11857	14	14	0	ANNUAL	LINE	5
610350.43	4205861.03	0.11731	13.91	13.91	0	ANNUAL	LINE	5
610357.43	4205861.03	0.11602	13.81	13.81	0	ANNUAL	LINE	5
610364.43	4205861.03	0.11471	13.72	13.72	0	ANNUAL	LINE	5
610371.43	4205861.03	0.11339	13.62	13.62	0	ANNUAL	LINE	5
610378.43	4205861.03	0.11204	13.52	13.52	0	ANNUAL	LINE	5
610385.43	4205861.03	0.11067	13.43	13.43	0	ANNUAL	LINE	5
610392.43	4205861.03	0.10928	13.33	13.33	0	ANNUAL	LINE	5
610399.43	4205861.03	0.10787	13.24	13.24	0	ANNUAL	LINE	5
610406.43	4205861.03	0.10645	13.14	13.14	0	ANNUAL	LINE	5
610413.43	4205861.03	0.10501	13.05	13.05	0	ANNUAL	LINE	5
610420.43	4205861.03	0.10356	12.95	12.95	0	ANNUAL	LINE	5
610427.43	4205861.03	0.1021	12.85	12.85	0	ANNUAL	LINE	5
610434.43	4205861.03	0.10061	12.76	12.76	0	ANNUAL	LINE	5
610441.43	4205861.03	0.09912	12.66	12.66	0	ANNUAL	LINE	5
610448.43	4205861.03	0.09762	12.57	12.57	0	ANNUAL	LINE	5
610455.43	4205861.03	0.09611	12.47	12.47	0	ANNUAL	LINE	5
610462.43	4205861.03	0.09457	12.38	12.38	0	ANNUAL	LINE	5
610469.43	4205861.03	0.09302	12.28	12.28	0	ANNUAL	LINE	5
610476.43	4205861.03	0.09146	12.18	12.18	0	ANNUAL	LINE	5
610483.43	4205861.03	0.08989	12.09	12.09	0	ANNUAL	LINE	5
610490.43	4205861.03	0.08831	12	12	0	ANNUAL	LINE	5
610504.43	4205861.03	0.0851	11.92	11.92	0	ANNUAL	LINE	5
610511.43	4205861.03	0.08349	11.88	11.88	0	ANNUAL	LINE	5
610518.43	4205861.03	0.08188	11.84	11.84	0	ANNUAL	LINE	5
610525.43	4205861.03	0.08027	11.8	11.8	0	ANNUAL	LINE	5
610532.43	4205861.03	0.07866	11.76	11.76	0	ANNUAL	LINE	5
610595.43	4205861.03	0.06457	11.16	11.16	0	ANNUAL	LINE	5
610602.43	4205861.03	0.06307	11.06	11.06	0	ANNUAL	LINE	5
610609.43	4205861.03	0.06157	10.97	10.97	0	ANNUAL	LINE	5
610616.43	4205861.03	0.0601	10.87	10.87	0	ANNUAL	LINE	5
610623.43	4205861.03	0.05864	10.78	10.78	0	ANNUAL	LINE	5
610630.43	4205861.03	0.0572	10.68	10.68	0	ANNUAL	LINE	5
610637.43	4205861.03	0.05578	10.59	10.59	0	ANNUAL	LINE	5
610644.43	4205861.03	0.05438	10.54	10.54	0	ANNUAL	LINE	5
610651.43	4205861.03	0.053	10.48	10.48	0	ANNUAL	LINE	5
610658.43	4205861.03	0.05164	10.42	10.42	0	ANNUAL	LINE	5
610665.43	4205861.03	0.05031	10.37	10.37	0	ANNUAL	LINE	5
610672.43	4205861.03	0.049	10.31	10.31	0	ANNUAL	LINE	5
610980.43	4205861.03	0.01896	9	9	0	ANNUAL	LINE	5
610987.43	4205861.03	0.01869	9	9	0	ANNUAL	LINE	5
610994.43	4205861.03	0.01842	9	9	0	ANNUAL	LINE	5
611001.43	4205861.03	0.01816	9	9	0	ANNUAL	LINE	5
611008.43	4205861.03	0.01791	9	9	0	ANNUAL	LINE	5
611015.43	4205861.03	0.01766	9	9	0	ANNUAL	LINE	5
611022.43	4205861.03	0.01742	9	9	0	ANNUAL	LINE	5
611071.43	4205861.03	0.01588	9	9	0	ANNUAL	LINE	5
611078.43	4205861.03	0.01568	9	9	0	ANNUAL	LINE	5
611085.43	4205861.03	0.01548	9	9	0	ANNUAL	LINE	5
611092.43	4205861.03	0.01529	9	9	0	ANNUAL	LINE	5
610294.43	4205868.03	0.13014	14.32	14.32	0	ANNUAL	LINE	5
610301.43	4205868.03	0.12903	14.27	14.27	0	ANNUAL	LINE	5
610308.43	4205868.03	0.12789	14.23	14.23	0	ANNUAL	LINE	5
610315.43	4205868.03	0.12675	14.18	14.18	0	ANNUAL	LINE	5
610322.43	4205868.03	0.12555	14.14	14.14	0	ANNUAL	LINE	5
610329.43	4205868.03	0.12433	14.09	14.09	0	ANNUAL	LINE	5
610336.43	4205868.03	0.12308	14.05	14.05	0	ANNUAL	LINE	5
610343.43	4205868.03	0.12182	14	14	0	ANNUAL	LINE	5
610350.43	4205868.03	0.12052	13.91	13.91	0	ANNUAL	LINE	5
610357.43	4205868.03	0.11921	13.81	13.81	0	ANNUAL	LINE	5
610364.43	4205868.03	0.11788	13.71	13.71	0	ANNUAL	LINE	5
610371.43	4205868.03	0.11651	13.62	13.62	0	ANNUAL	LINE	5
610378.43	4205868.03	0.11514	13.52	13.52	0	ANNUAL	LINE	5
610385.43	4205868.03	0.11373	13.43	13.43	0	ANNUAL	LINE	5
610392.43	4205868.03	0.11231	13.33	13.33	0	ANNUAL	LINE	5
610399.43	4205868.03	0.11087	13.24	13.24	0	ANNUAL	LINE	5
610406.43	4205868.03	0.10941	13.14	13.14	0	ANNUAL	LINE	5
610413.43	4205868.03	0.10794	13.04	13.04	0	ANNUAL	LINE	5
610420.43	4205868.03	0.10644	12.95	12.95	0	ANNUAL	LINE	5
610427.43	4205868.03	0.10494	12.85	12.85	0	ANNUAL	LINE	5
610434.43	4205868.03	0.10341	12.76	12.76	0	ANNUAL	LINE	5
610441.43	4205868.03	0.10188	12.66	12.66	0	ANNUAL	LINE	5
610448.43	4205868.03	0.10033	12.57	12.57	0	ANNUAL	LINE	5
610455.43	4205868.03	0.09878	12.47	12.47	0	ANNUAL	LINE	5
610462.43	4205868.03	0.09719	12.37	12.37	0	ANNUAL	LINE	5
610469.43	4205868.03	0.09559	12.28	12.28	0	ANNUAL	LINE	5
610476.43	4205868.03	0.09398	12.18	12.18	0	ANNUAL	LINE	5
610483.43	4205868.03	0.09236	12.09	12.09	0	ANNUAL	LINE	5
610490.43	4205868.03	0.09073	12	12	0	ANNUAL	LINE	5
610504.43	4205868.03	0.08742	11.9	11.9	0	ANNUAL	LINE	5
610511.43	4205868.03	0.08576	11.86	11.86	0	ANNUAL	LINE	5
610518.43	4205868.03	0.0841	11.81	11.81	0	ANNUAL	LINE	5
610525.43	4205868.03	0.08244	11.76	11.76	0	ANNUAL	LINE	5
610532.43	4205868.03	0.08078	11.72	11.72	0	ANNUAL	LINE	5
610595.43	4205868.03	0.0662	11.08	11.08	0	ANNUAL	LINE	5
610602.43	4205868.03	0.06463	10.98	10.98	0	ANNUAL	LINE	5
610609.43	4205868.03	0.06309	10.89	10.89	0	ANNUAL	LINE	5
610616.43	4205868.03	0.06156	10.79	10.79	0	ANNUAL	LINE	5
610623.43	4205868.03	0.06005	10.7	10.7	0	ANNUAL	LINE	5
610630.43	4205868.03	0.05856	10.61	10.61	0	ANNUAL	LINE	5
610637.43	4205868.03	0.05709	10.52	10.52	0	ANNUAL	LINE	5
610644.43	4205868.03	0.05564	10.47	10.47	0	ANNUAL	LINE	5
610651.43	4205868.03	0.05421	10.42	10.42	0	ANNUAL	LINE	5
610658.43	4205868.03	0.05281	10.37	10.37	0	ANNUAL	LINE	5
610665.43	4205868.03	0.05143	10.32	10.32	0	ANNUAL	LINE	5
610693.43	4205868.03	0.0462	10.12	10.12	0	ANNUAL	LINE	5
610700.43	4205868.03	0.04497	10.07	10.07	0	ANNUAL	LINE	5
610707.43	4205868.03	0.04377	10.01	10.01	0	ANNUAL	LINE	5
611057.43	4205868.03	0.01652	9	9	0	ANNUAL	LINE	5
611064.43	4205868.03	0.01631	9	9	0	ANNUAL	LINE	5
611071.43	4205868.03	0.0161	9	9	0	ANNUAL	LINE	5
611078.43	4205868.03	0.01589	9	9	0	ANNUAL	LINE	5
611085.43	4205868.03	0.01569	9	9	0	ANNUAL	LINE	5
611092.43	4205868.03	0.01549	9	9	0	ANNUAL	LINE	5
610294.43	4205875.03	0.13373	14.27	14.27	0	ANNUAL	LINE	5
610301.43	4205875.03	0.13259	14.23	14.23	0	ANNUAL	LINE	5
610308.43	4205875.03	0.13143	14.19	14.19	0	ANNUAL	LINE	5
610315.43	4205875.03	0.13024	14.15	14.15	0	ANNUAL	LINE	5
610322.43	4205875.03	0.12901	14.12	14.12	0	ANNUAL	LINE	5
610329.43	4205875.03	0.12776	14.08	14.08	0	ANNUAL	LINE	5
610336.43	4205875.03	0.12649	14.04	14.04	0	ANNUAL	LINE	5
610343.43	4205875.03	0.12519	14	14	0	ANNUAL	LINE	5
610350.43	4205875.03	0.12388	13.9	13.9	0	ANNUAL	LINE	5
610357.43	4205875.03	0.12253	13.81	13.81	0	ANNUAL	LINE	5
610364.43	4205875.03	0.12117	13.71	13.71	0	ANNUAL	LINE	5
610371.43	4205875.03	0.11977	13.62	13.62	0	ANNUAL	LINE	5
610378.43	4205875.03	0.11836	13.52	13.52	0	ANNUAL	LINE	5
610385.43	4205875.03	0.11692	13.43	13.43	0	ANNUAL	LINE	5
610392.43	4205875.03	0.11547	13.33	13.33	0	ANNUAL	LINE	5
610399.43	4205875.03	0.11399	13.23	13.23	0	ANNUAL	LINE	5
610406.43	4205875.03	0.11249	13.14	13.14	0	ANNUAL	LINE	5
610413.43	4205875.03	0.11098	13.04	13.04	0	ANNUAL	LINE	5
610420.43	4205875.03	0.10944	12.95	12.95	0	ANNUAL	LINE	5
610427.43	4205875.03	0.1079	12.85	12.85	0	ANNUAL	LINE	5
610434.43	4205875.03	0.10633	12.76	12.76	0	ANNUAL	LINE	5
610441.43	4205875.03	0.10476	12.66	12.66	0	ANNUAL	LINE	5
610448.43	4205875.03	0.10317	12.56	12.56	0	ANNUAL	LINE	5
610455.43	4205875.03	0.10156	12.47	12.47	0	ANNUAL	LINE	5
610462.43	4205875.03	0.09993	12.37	12.37	0	ANNUAL	LINE	5
610469.43	4205875.03	0.09828	12.28	12.28	0	ANNUAL	LINE	5
610476.43	4205875.03	0.09662	12.18	12.18	0	ANNUAL	LINE	5
610483.43	4205875.03	0.09494	12.09	12.09	0	ANNUAL	LINE	5
610490.43	4205875.03	0.09327	11.99	11.99	0	ANNUAL	LINE	5
610504.43	4205875.03	0.08985	11.89	11.89	0	ANNUAL	LINE	5
610511.43	4205875.03	0.08814	11.83	11.83	0	ANNUAL	LINE	5
610518.43	4205875.03	0.08642	11.78	11.78	0	ANNUAL	LINE	5
610525.43	4205875.03	0.08471	11.72	11.72	0	ANNUAL	LINE	5
610532.43	4205875.03	0.08299	11.67	11.67	0	ANNUAL	LINE	5
610539.43	4205875.03	0.08128	11.62	11.62	0	ANNUAL	LINE	5
610560.43	4205875.03	0.07618	11.46	11.46	0	ANNUAL	LINE	5
610567.43	4205875.03	0.0745	11.38	11.38	0	ANNUAL	LINE	5
610574.43	4205875.03	0.07283	11.29	11.29	0	ANNUAL	LINE	5
610581.43	4205875.03	0.07117	11.19	11.19	0	ANNUAL	LINE	5
610595.43	4205875.03	0.06789	11	11	0	ANNUAL	LINE	5
610602.43	4205875.03	0.06627	10.91	10.91	0	ANNUAL	LINE	5
610609.43	4205875.03	0.06467	10.81	10.81	0	ANNUAL	LINE	5
610616.43	4205875.03	0.06308	10.72	10.72	0	ANNUAL	LINE	5
610623.43	4205875.03	0.06152	10.62	10.62	0	ANNUAL	LINE	5
610630.43	4205875.03	0.05997	10.53	10.53	0	ANNUAL	LINE	5
610637.43	4205875.03	0.05845	10.44	10.44	0	ANNUAL	LINE	5
610644.43	4205875.03	0.05695	10.4	10.4	0	ANNUAL	LINE	5
610651.43	4205875.03	0.05547	10.36	10.36	0	ANNUAL	LINE	5
610658.43	4205875.03	0.05402	10.32	10.32	0	ANNUAL	LINE	5
610679.43	4205875.03	0.04983	10.19	10.19	0	ANNUAL	LINE	5
610686.43	4205875.03	0.04849	10.14	10.14	0	ANNUAL	LINE	5
610693.43	4205875.03	0.04719	10.1	10.1	0	ANNUAL	LINE	5
610700.43	4205875.03	0.04592	10.06	10.06	0	ANNUAL	LINE	5
610707.43	4205875.03	0.04468	10.01	10.01	0	ANNUAL	LINE	5
610714.43	4205875.03	0.04347	9.93	9.93	0	ANNUAL	LINE	5
610721.43	4205875.03	0.04231	9.83	9.83	0	ANNUAL	LINE	5
610728.43	4205875.03	0.04117	9.74	9.74	0	ANNUAL	LINE	5
610735.43	4205875.03	0.04008	9.64	9.64	0	ANNUAL	LINE	5
610742.43	4205875.03	0.03901	9.55	9.55	0	ANNUAL	LINE	5
610749.43	4205875.03	0.03799	9.45	9.45	0	ANNUAL	LINE	5
610756.43	4205875.03	0.037	9.36	9.36	0	ANNUAL	LINE	5
610763.43	4205875.03	0.03605	9.26	9.26	0	ANNUAL	LINE	5
610770.43	4205875.03	0.03513	9.17	9.17	0	ANNUAL	LINE	5
610777.43	4205875.03	0.03425	9.07	9.07	0	ANNUAL	LINE	5
610784.43	4205875.03	0.0334	9	9	0	ANNUAL	LINE	5
610791.43	4205875.03	0.03259	9	9	0	ANNUAL	LINE	5
610798.43	4205875.03	0.03181	9	9	0	ANNUAL	LINE	5
610805.43	4205875.03	0.03106	9	9	0	ANNUAL	LINE	5
610812.43	4205875.03	0.03035	9	9	0	ANNUAL	LINE	5
610819.43	4205875.03	0.02966	9	9	0	ANNUAL	LINE	5
610826.43	4205875.03	0.029	9	9	0	ANNUAL	LINE	5
610833.43	4205875.03	0.02837	9	9	0	ANNUAL	LINE	5
610840.43	4205875.03	0.02777	9	9	0	ANNUAL	LINE	5
610847.43	4205875.03	0.02719	9	9	0	ANNUAL	LINE	5
610854.43	4205875.03	0.02663	9	9	0	ANNUAL	LINE	5
610861.43	4205875.03	0.0261	9	9	0	ANNUAL	LINE	5

610868.43	4205875.03	0.02559	9	9	0	ANNUAL	LINE	5
611029.43	4205875.03	0.01768	9	9	0	ANNUAL	LINE	5
611036.43	4205875.03	0.01744	9	9	0	ANNUAL	LINE	5
611043.43	4205875.03	0.01721	9	9	0	ANNUAL	LINE	5
611050.43	4205875.03	0.01698	9	9	0	ANNUAL	LINE	5
611057.43	4205875.03	0.01675	9	9	0	ANNUAL	LINE	5
611064.43	4205875.03	0.01654	9	9	0	ANNUAL	LINE	5
611071.43	4205875.03	0.01632	9	9	0	ANNUAL	LINE	5
611078.43	4205875.03	0.01611	9	9	0	ANNUAL	LINE	5
611085.43	4205875.03	0.01591	9	9	0	ANNUAL	LINE	5
611092.43	4205875.03	0.01571	9	9	0	ANNUAL	LINE	5
610294.43	4205882.03	0.13749	14.22	14.22	0	ANNUAL	LINE	5
610301.43	4205882.03	0.1363	14.19	14.19	0	ANNUAL	LINE	5
610308.43	4205882.03	0.13511	14.16	14.16	0	ANNUAL	LINE	5
610315.43	4205882.03	0.13389	14.13	14.13	0	ANNUAL	LINE	5
610322.43	4205882.03	0.13264	14.09	14.09	0	ANNUAL	LINE	5
610329.43	4205882.03	0.13137	14.06	14.06	0	ANNUAL	LINE	5
610336.43	4205882.03	0.13004	14.03	14.03	0	ANNUAL	LINE	5
610343.43	4205882.03	0.1287	14	14	0	ANNUAL	LINE	5
610350.43	4205882.03	0.12736	13.9	13.9	0	ANNUAL	LINE	5
610357.43	4205882.03	0.12599	13.81	13.81	0	ANNUAL	LINE	5
610364.43	4205882.03	0.12459	13.71	13.71	0	ANNUAL	LINE	5
610371.43	4205882.03	0.12317	13.62	13.62	0	ANNUAL	LINE	5
610378.43	4205882.03	0.12172	13.52	13.52	0	ANNUAL	LINE	5
610385.43	4205882.03	0.12025	13.42	13.42	0	ANNUAL	LINE	5
610392.43	4205882.03	0.11876	13.33	13.33	0	ANNUAL	LINE	5
610399.43	4205882.03	0.11725	13.23	13.23	0	ANNUAL	LINE	5
610406.43	4205882.03	0.11571	13.14	13.14	0	ANNUAL	LINE	5
610413.43	4205882.03	0.11415	13.04	13.04	0	ANNUAL	LINE	5
610420.43	4205882.03	0.11258	12.95	12.95	0	ANNUAL	LINE	5
610427.43	4205882.03	0.11099	12.85	12.85	0	ANNUAL	LINE	5
610434.43	4205882.03	0.10938	12.75	12.75	0	ANNUAL	LINE	5
610441.43	4205882.03	0.10776	12.66	12.66	0	ANNUAL	LINE	5
610448.43	4205882.03	0.10612	12.56	12.56	0	ANNUAL	LINE	5
610455.43	4205882.03	0.10447	12.47	12.47	0	ANNUAL	LINE	5
610462.43	4205882.03	0.10278	12.37	12.37	0	ANNUAL	LINE	5
610469.43	4205882.03	0.10108	12.28	12.28	0	ANNUAL	LINE	5
610476.43	4205882.03	0.09937	12.18	12.18	0	ANNUAL	LINE	5
610483.43	4205882.03	0.09764	12.09	12.09	0	ANNUAL	LINE	5
610490.43	4205882.03	0.09591	11.99	11.99	0	ANNUAL	LINE	5
610504.43	4205882.03	0.09238	11.87	11.87	0	ANNUAL	LINE	5
610511.43	4205882.03	0.09062	11.81	11.81	0	ANNUAL	LINE	5
610518.43	4205882.03	0.08884	11.75	11.75	0	ANNUAL	LINE	5
610525.43	4205882.03	0.08707	11.69	11.69	0	ANNUAL	LINE	5
610532.43	4205882.03	0.0853	11.63	11.63	0	ANNUAL	LINE	5
610539.43	4205882.03	0.08353	11.57	11.57	0	ANNUAL	LINE	5
610553.43	4205882.03	0.08	11.45	11.45	0	ANNUAL	LINE	5
610560.43	4205882.03	0.07824	11.39	11.39	0	ANNUAL	LINE	5
610567.43	4205882.03	0.0765	11.3	11.3	0	ANNUAL	LINE	5
610574.43	4205882.03	0.07477	11.21	11.21	0	ANNUAL	LINE	5
610581.43	4205882.03	0.07305	11.11	11.11	0	ANNUAL	LINE	5
610588.43	4205882.03	0.07134	11.02	11.02	0	ANNUAL	LINE	5
610595.43	4205882.03	0.06965	10.92	10.92	0	ANNUAL	LINE	5
610602.43	4205882.03	0.06797	10.83	10.83	0	ANNUAL	LINE	5
610609.43	4205882.03	0.06631	10.73	10.73	0	ANNUAL	LINE	5
610616.43	4205882.03	0.06467	10.64	10.64	0	ANNUAL	LINE	5
610623.43	4205882.03	0.06305	10.55	10.55	0	ANNUAL	LINE	5
610630.43	4205882.03	0.06145	10.45	10.45	0	ANNUAL	LINE	5
610637.43	4205882.03	0.05987	10.37	10.37	0	ANNUAL	LINE	5
610644.43	4205882.03	0.05831	10.33	10.33	0	ANNUAL	LINE	5
610651.43	4205882.03	0.05678	10.3	10.3	0	ANNUAL	LINE	5
610672.43	4205882.03	0.05236	10.19	10.19	0	ANNUAL	LINE	5
610679.43	4205882.03	0.05094	10.16	10.16	0	ANNUAL	LINE	5
610686.43	4205882.03	0.04956	10.12	10.12	0	ANNUAL	LINE	5
610693.43	4205882.03	0.04821	10.08	10.08	0	ANNUAL	LINE	5
610700.43	4205882.03	0.04689	10.05	10.05	0	ANNUAL	LINE	5
610707.43	4205882.03	0.04561	10.01	10.01	0	ANNUAL	LINE	5
610714.43	4205882.03	0.04437	9.93	9.93	0	ANNUAL	LINE	5
610721.43	4205882.03	0.04317	9.83	9.83	0	ANNUAL	LINE	5
610728.43	4205882.03	0.042	9.74	9.74	0	ANNUAL	LINE	5
610735.43	4205882.03	0.04087	9.64	9.64	0	ANNUAL	LINE	5
610742.43	4205882.03	0.03977	9.55	9.55	0	ANNUAL	LINE	5
610749.43	4205882.03	0.03872	9.45	9.45	0	ANNUAL	LINE	5
610756.43	4205882.03	0.0377	9.36	9.36	0	ANNUAL	LINE	5
610763.43	4205882.03	0.03672	9.26	9.26	0	ANNUAL	LINE	5
610770.43	4205882.03	0.03578	9.16	9.16	0	ANNUAL	LINE	5
610777.43	4205882.03	0.03487	9.07	9.07	0	ANNUAL	LINE	5
610784.43	4205882.03	0.03401	9	9	0	ANNUAL	LINE	5
610791.43	4205882.03	0.03317	9	9	0	ANNUAL	LINE	5
610798.43	4205882.03	0.03237	9	9	0	ANNUAL	LINE	5
610805.43	4205882.03	0.03161	9	9	0	ANNUAL	LINE	5
610812.43	4205882.03	0.03087	9	9	0	ANNUAL	LINE	5
610819.43	4205882.03	0.03017	9	9	0	ANNUAL	LINE	5
610826.43	4205882.03	0.0295	9	9	0	ANNUAL	LINE	5
610833.43	4205882.03	0.02885	9	9	0	ANNUAL	LINE	5
610840.43	4205882.03	0.02824	9	9	0	ANNUAL	LINE	5
610847.43	4205882.03	0.02764	9	9	0	ANNUAL	LINE	5
610854.43	4205882.03	0.02708	9	9	0	ANNUAL	LINE	5
610861.43	4205882.03	0.02653	9	9	0	ANNUAL	LINE	5
610868.43	4205882.03	0.02601	9	9	0	ANNUAL	LINE	5
610875.43	4205882.03	0.02551	9	9	0	ANNUAL	LINE	5
610882.43	4205882.03	0.02503	9	9	0	ANNUAL	LINE	5
610889.43	4205882.03	0.02456	9	9	0	ANNUAL	LINE	5
610910.43	4205882.03	0.02328	9	9	0	ANNUAL	LINE	5
610917.43	4205882.03	0.02288	9	9	0	ANNUAL	LINE	5
610924.43	4205882.03	0.02249	9	9	0	ANNUAL	LINE	5
610931.43	4205882.03	0.02212	9	9	0	ANNUAL	LINE	5
610938.43	4205882.03	0.02176	9	9	0	ANNUAL	LINE	5
610945.43	4205882.03	0.02141	9	9	0	ANNUAL	LINE	5
610952.43	4205882.03	0.02108	9	9	0	ANNUAL	LINE	5
610959.43	4205882.03	0.02075	9	9	0	ANNUAL	LINE	5
610966.43	4205882.03	0.02043	9	9	0	ANNUAL	LINE	5
610973.43	4205882.03	0.02012	9	9	0	ANNUAL	LINE	5
611001.43	4205882.03	0.01897	9	9	0	ANNUAL	LINE	5
611008.43	4205882.03	0.01871	9	9	0	ANNUAL	LINE	5
611015.43	4205882.03	0.01844	9	9	0	ANNUAL	LINE	5
611022.43	4205882.03	0.01819	9	9	0	ANNUAL	LINE	5
611029.43	4205882.03	0.01794	9	9	0	ANNUAL	LINE	5
611036.43	4205882.03	0.01769	9	9	0	ANNUAL	LINE	5
611043.43	4205882.03	0.01745	9	9	0	ANNUAL	LINE	5
611050.43	4205882.03	0.01722	9	9	0	ANNUAL	LINE	5
611057.43	4205882.03	0.01699	9	9	0	ANNUAL	LINE	5
611064.43	4205882.03	0.01677	9	9	0	ANNUAL	LINE	5
611071.43	4205882.03	0.01655	9	9	0	ANNUAL	LINE	5
611078.43	4205882.03	0.01634	9	9	0	ANNUAL	LINE	5
611085.43	4205882.03	0.01613	9	9	0	ANNUAL	LINE	5
611092.43	4205882.03	0.01592	9	9	0	ANNUAL	LINE	5
610294.43	4205889.03	0.14137	14.17	14.17	0	ANNUAL	LINE	5
610301.43	4205889.03	0.14019	14.14	14.14	0	ANNUAL	LINE	5
610308.43	4205889.03	0.13894	14.12	14.12	0	ANNUAL	LINE	5
610315.43	4205889.03	0.13769	14.1	14.1	0	ANNUAL	LINE	5
610322.43	4205889.03	0.13639	14.07	14.07	0	ANNUAL	LINE	5
610329.43	4205889.03	0.13508	14.05	14.05	0	ANNUAL	LINE	5
610336.43	4205889.03	0.13375	14.02	14.02	0	ANNUAL	LINE	5
610343.43	4205889.03	0.13236	14	14	0	ANNUAL	LINE	5
610350.43	4205889.03	0.13099	13.9	13.9	0	ANNUAL	LINE	5
610357.43	4205889.03	0.12959	13.81	13.81	0	ANNUAL	LINE	5
610364.43	4205889.03	0.12816	13.71	13.71	0	ANNUAL	LINE	5
610371.43	4205889.03	0.12671	13.61	13.61	0	ANNUAL	LINE	5
610378.43	4205889.03	0.12523	13.52	13.52	0	ANNUAL	LINE	5
610385.43	4205889.03	0.12372	13.42	13.42	0	ANNUAL	LINE	5
610392.43	4205889.03	0.12219	13.33	13.33	0	ANNUAL	LINE	5
610399.43	4205889.03	0.12064	13.23	13.23	0	ANNUAL	LINE	5
610406.43	4205889.03	0.11906	13.14	13.14	0	ANNUAL	LINE	5
610413.43	4205889.03	0.11747	13.04	13.04	0	ANNUAL	LINE	5
610420.43	4205889.03	0.11585	12.94	12.94	0	ANNUAL	LINE	5
610427.43	4205889.03	0.11421	12.85	12.85	0	ANNUAL	LINE	5
610434.43	4205889.03	0.11256	12.75	12.75	0	ANNUAL	LINE	5
610441.43	4205889.03	0.11089	12.66	12.66	0	ANNUAL	LINE	5
610448.43	4205889.03	0.10921	12.56	12.56	0	ANNUAL	LINE	5
610455.43	4205889.03	0.1075	12.47	12.47	0	ANNUAL	LINE	5
610462.43	4205889.03	0.10577	12.37	12.37	0	ANNUAL	LINE	5
610469.43	4205889.03	0.10401	12.28	12.28	0	ANNUAL	LINE	5
610476.43	4205889.03	0.10225	12.18	12.18	0	ANNUAL	LINE	5
610483.43	4205889.03	0.10047	12.08	12.08	0	ANNUAL	LINE	5
610490.43	4205889.03	0.09867	11.99	11.99	0	ANNUAL	LINE	5
610504.43	4205889.03	0.09504	11.85	11.85	0	ANNUAL	LINE	5
610511.43	4205889.03	0.09321	11.79	11.79	0	ANNUAL	LINE	5
610518.43	4205889.03	0.09138	11.72	11.72	0	ANNUAL	LINE	5
610525.43	4205889.03	0.08954	11.65	11.65	0	ANNUAL	LINE	5
610532.43	4205889.03	0.08771	11.58	11.58	0	ANNUAL	LINE	5
610539.43	4205889.03	0.08588	11.51	11.51	0	ANNUAL	LINE	5
610553.43	4205889.03	0.08222	11.38	11.38	0	ANNUAL	LINE	5
610560.43	4205889.03	0.08041	11.31	11.31	0	ANNUAL	LINE	5
610567.43	4205889.03	0.0786	11.23	11.23	0	ANNUAL	LINE	5
610574.43	4205889.03	0.0768	11.13	11.13	0	ANNUAL	LINE	5
610581.43	4205889.03	0.07502	11.04	11.04	0	ANNUAL	LINE	5
610588.43	4205889.03	0.07324	10.94	10.94	0	ANNUAL	LINE	5
610595.43	4205889.03	0.07149	10.85	10.85	0	ANNUAL	LINE	5
610602.43	4205889.03	0.06975	10.75	10.75	0	ANNUAL	LINE	5
610609.43	4205889.03	0.06802	10.66	10.66	0	ANNUAL	LINE	5
610616.43	4205889.03	0.06632	10.56	10.56	0	ANNUAL	LINE	5
610623.43	4205889.03	0.06464	10.47	10.47	0	ANNUAL	LINE	5
610630.43	4205889.03	0.06298	10.37	10.37	0	ANNUAL	LINE	5
610637.43	4205889.03	0.06135	10.29	10.29	0	ANNUAL	LINE	5
610644.43	4205889.03	0.05973	10.27	10.27	0	ANNUAL	LINE	5
610665.43	4205889.03	0.05506	10.18	10.18	0	ANNUAL	LINE	5
610672.43	4205889.03	0.05356	10.15	10.15	0	ANNUAL	LINE	5
610679.43	4205889.03	0.0521	10.12	10.12	0	ANNUAL	LINE	5
610686.43	4205889.03	0.05066	10.1	10.1	0	ANNUAL	LINE	5
610693.43	4205889.03	0.04927	10.07	10.07	0	ANNUAL	LINE	5
610700.43	4205889.03	0.04791	10.04	10.04	0	ANNUAL	LINE	5
610707.43	4205889.03	0.04659	10.01	10.01	0	ANNUAL	LINE	5
610714.43	4205889.03	0.0453	9.93	9.93	0	ANNUAL	LINE	5
610721.43	4205889.03	0.04406	9.83	9.83	0	ANNUAL	LINE	5
610728.43	4205889.03	0.04285	9.74	9.74	0	ANNUAL	LINE	5
610735.43	4205889.03	0.04169	9.64	9.64	0	ANNUAL	LINE	5
610742.43	4205889.03	0.04056	9.55	9.55	0	ANNUAL	LINE	5
610749.43	4205889.03	0.03947	9.45	9.45	0	ANNUAL	LINE	5
610756.43	4205889.03	0.03843	9.35	9.35	0	ANNUAL	LINE	5
610763.43	4205889.03	0.03742	9.26	9.26	0	ANNUAL	LINE	5
610770.43	4205889.03	0.03645	9.16	9.16	0	ANNUAL	LINE	5
610777.43	4205889.03	0.03552	9.07	9.07	0	ANNUAL	LINE	5
610784.43	4205889.03	0.03463	9	9	0	ANNUAL	LINE	5
610791.43	4205889.03	0.03377	9	9	0	ANNUAL	LINE	5
610798.43	4205889.03	0.03295	9	9	0	ANNUAL	LINE	5
610805.43	4205889.03	0.03217	9	9	0	ANNUAL	LINE	5
610812.43	4205889.03	0.03142	9	9	0	ANNUAL	LINE	5
610819.43	4205889.03	0.0307	9	9	0	ANNUAL	LINE	5
610826.43	4205889.03	0.03001	9	9	0	ANNUAL	LINE	5
610833.43	4205889.03	0.02935	9	9	0	ANNUAL	LINE	5
610840.43	4205889.03	0.02872	9	9	0	ANNUAL	LINE	5
610847.43	4205889.03	0.02811	9	9	0	ANNUAL	LINE	5
610854.43	4205889.03	0.02753	9	9	0	ANNUAL	LINE	5
610861.43	4205889.03	0.02698	9	9	0	ANNUAL	LINE	5
610868.43	4205889.03	0.02644	9	9	0	ANNUAL	LINE	5
610875.43	4205889.03	0.02593	9	9	0	ANNUAL	LINE	5
610882.43	4205889.03	0.02544	9	9	0	ANNUAL	LINE	5
610889.43	4205889.03	0.02497	9	9	0	ANNUAL	LINE	5
610910.43	4205889.03	0.02365	9	9	0	ANNUAL	LINE	5
610917.43	4205889.03	0.02325	9	9	0	ANNUAL	LINE	5
610924.43	4205889.03	0.02285	9	9	0	ANNUAL	LINE	5
610931.43	4205889.03	0.02247	9	9	0	ANNUAL	LINE	5
610938.43	4205889.03	0.02211	9	9	0	ANNUAL	LINE	5
610945.43	4205889.03	0.02175	9	9	0	ANNUAL	LINE	5
610952.43	4205889.03	0.02141	9	9	0	ANNUAL	LINE	5
610959.43	4205889.03	0.02107	9	9	0	ANNUAL	LINE	5
610966.43	4205889.03	0.02075	9	9	0	ANNUAL	LINE	5
610973.43	4205889.03	0.02044	9	9	0	ANNUAL	LINE	5
611001.43	4205889.03	0.01926	9	9	0	ANNUAL	LINE	5
611008.43	4205889.03	0.01899	9	9	0	ANNUAL	LINE	5

611015.43	4205889.03	0.01872	9	9	0	ANNUAL	LINE	5
611022.43	4205889.03	0.01846	9	9	0	ANNUAL	LINE	5
611029.43	4205889.03	0.0182	9	9	0	ANNUAL	LINE	5
611036.43	4205889.03	0.01795	9	9	0	ANNUAL	LINE	5
611043.43	4205889.03	0.01771	9	9	0	ANNUAL	LINE	5
611050.43	4205889.03	0.01747	9	9	0	ANNUAL	LINE	5
611057.43	4205889.03	0.01724	9	9	0	ANNUAL	LINE	5
611064.43	4205889.03	0.01701	9	9	0	ANNUAL	LINE	5
611071.43	4205889.03	0.01678	9	9	0	ANNUAL	LINE	5
611078.43	4205889.03	0.01657	9	9	0	ANNUAL	LINE	5
611085.43	4205889.03	0.01635	9	9	0	ANNUAL	LINE	5
611092.43	4205889.03	0.01614	9	9	0	ANNUAL	LINE	5
610294.43	4205896.03	0.14541	14.12	14.12	0	ANNUAL	LINE	5
610301.43	4205896.03	0.1442	14.1	14.1	0	ANNUAL	LINE	5
610308.43	4205896.03	0.14293	14.08	14.08	0	ANNUAL	LINE	5
610315.43	4205896.03	0.14163	14.07	14.07	0	ANNUAL	LINE	5
610322.43	4205896.03	0.14032	14.05	14.05	0	ANNUAL	LINE	5
610329.43	4205896.03	0.13896	14.03	14.03	0	ANNUAL	LINE	5
610336.43	4205896.03	0.13759	14.02	14.02	0	ANNUAL	LINE	5
610343.43	4205896.03	0.13617	14	14	0	ANNUAL	LINE	5
610350.43	4205896.03	0.13477	13.9	13.9	0	ANNUAL	LINE	5
610357.43	4205896.03	0.13335	13.8	13.8	0	ANNUAL	LINE	5
610364.43	4205896.03	0.13188	13.71	13.71	0	ANNUAL	LINE	5
610371.43	4205896.03	0.1304	13.61	13.61	0	ANNUAL	LINE	5
610378.43	4205896.03	0.12888	13.52	13.52	0	ANNUAL	LINE	5
610385.43	4205896.03	0.12734	13.42	13.42	0	ANNUAL	LINE	5
610392.43	4205896.03	0.12577	13.33	13.33	0	ANNUAL	LINE	5
610399.43	4205896.03	0.12418	13.23	13.23	0	ANNUAL	LINE	5
610406.43	4205896.03	0.12257	13.13	13.13	0	ANNUAL	LINE	5
610413.43	4205896.03	0.12093	13.04	13.04	0	ANNUAL	LINE	5
610420.43	4205896.03	0.11927	12.94	12.94	0	ANNUAL	LINE	5
610427.43	4205896.03	0.11759	12.85	12.85	0	ANNUAL	LINE	5
610434.43	4205896.03	0.11589	12.75	12.75	0	ANNUAL	LINE	5
610441.43	4205896.03	0.11417	12.66	12.66	0	ANNUAL	LINE	5
610448.43	4205896.03	0.11244	12.56	12.56	0	ANNUAL	LINE	5
610455.43	4205896.03	0.11068	12.47	12.47	0	ANNUAL	LINE	5
610462.43	4205896.03	0.10889	12.37	12.37	0	ANNUAL	LINE	5
610469.43	4205896.03	0.10708	12.27	12.27	0	ANNUAL	LINE	5
610476.43	4205896.03	0.10526	12.18	12.18	0	ANNUAL	LINE	5
610483.43	4205896.03	0.10342	12.08	12.08	0	ANNUAL	LINE	5
610490.43	4205896.03	0.10156	11.99	11.99	0	ANNUAL	LINE	5
610504.43	4205896.03	0.09781	11.84	11.84	0	ANNUAL	LINE	5
610511.43	4205896.03	0.09592	11.76	11.76	0	ANNUAL	LINE	5
610518.43	4205896.03	0.09402	11.69	11.69	0	ANNUAL	LINE	5
610525.43	4205896.03	0.09213	11.61	11.61	0	ANNUAL	LINE	5
610532.43	4205896.03	0.09023	11.54	11.54	0	ANNUAL	LINE	5
610539.43	4205896.03	0.08833	11.46	11.46	0	ANNUAL	LINE	5
610553.43	4205896.03	0.08455	11.31	11.31	0	ANNUAL	LINE	5
610560.43	4205896.03	0.08266	11.24	11.24	0	ANNUAL	LINE	5
610567.43	4205896.03	0.08079	11.15	11.15	0	ANNUAL	LINE	5
610574.43	4205896.03	0.07892	11.05	11.05	0	ANNUAL	LINE	5
610581.43	4205896.03	0.07707	10.96	10.96	0	ANNUAL	LINE	5
610588.43	4205896.03	0.07523	10.86	10.86	0	ANNUAL	LINE	5
610595.43	4205896.03	0.07341	10.77	10.77	0	ANNUAL	LINE	5
610602.43	4205896.03	0.0716	10.68	10.68	0	ANNUAL	LINE	5
610609.43	4205896.03	0.06981	10.58	10.58	0	ANNUAL	LINE	5
610616.43	4205896.03	0.06805	10.49	10.49	0	ANNUAL	LINE	5
610623.43	4205896.03	0.0663	10.39	10.39	0	ANNUAL	LINE	5
610630.43	4205896.03	0.06458	10.3	10.3	0	ANNUAL	LINE	5
610658.43	4205896.03	0.05795	10.16	10.16	0	ANNUAL	LINE	5
610665.43	4205896.03	0.05636	10.14	10.14	0	ANNUAL	LINE	5
610672.43	4205896.03	0.05481	10.11	10.11	0	ANNUAL	LINE	5
610679.43	4205896.03	0.05329	10.09	10.09	0	ANNUAL	LINE	5
610686.43	4205896.03	0.05181	10.07	10.07	0	ANNUAL	LINE	5
610693.43	4205896.03	0.05037	10.05	10.05	0	ANNUAL	LINE	5
610700.43	4205896.03	0.04896	10.03	10.03	0	ANNUAL	LINE	5
610707.43	4205896.03	0.04759	10.01	10.01	0	ANNUAL	LINE	5
610714.43	4205896.03	0.04627	9.93	9.93	0	ANNUAL	LINE	5
610721.43	4205896.03	0.04498	9.83	9.83	0	ANNUAL	LINE	5
610728.43	4205896.03	0.04374	9.74	9.74	0	ANNUAL	LINE	5
610735.43	4205896.03	0.04254	9.64	9.64	0	ANNUAL	LINE	5
610742.43	4205896.03	0.04137	9.54	9.54	0	ANNUAL	LINE	5
610749.43	4205896.03	0.04025	9.45	9.45	0	ANNUAL	LINE	5
610756.43	4205896.03	0.03918	9.35	9.35	0	ANNUAL	LINE	5
610763.43	4205896.03	0.03814	9.26	9.26	0	ANNUAL	LINE	5
610770.43	4205896.03	0.03714	9.16	9.16	0	ANNUAL	LINE	5
610777.43	4205896.03	0.03619	9.07	9.07	0	ANNUAL	LINE	5
610784.43	4205896.03	0.03527	9	9	0	ANNUAL	LINE	5
610791.43	4205896.03	0.03439	9	9	0	ANNUAL	LINE	5
610798.43	4205896.03	0.03355	9	9	0	ANNUAL	LINE	5
610805.43	4205896.03	0.03275	9	9	0	ANNUAL	LINE	5
610812.43	4205896.03	0.03198	9	9	0	ANNUAL	LINE	5
610819.43	4205896.03	0.03124	9	9	0	ANNUAL	LINE	5
610826.43	4205896.03	0.03054	9	9	0	ANNUAL	LINE	5
610833.43	4205896.03	0.02986	9	9	0	ANNUAL	LINE	5
610840.43	4205896.03	0.02922	9	9	0	ANNUAL	LINE	5
610847.43	4205896.03	0.0286	9	9	0	ANNUAL	LINE	5
610854.43	4205896.03	0.02801	9	9	0	ANNUAL	LINE	5
610861.43	4205896.03	0.02744	9	9	0	ANNUAL	LINE	5
610868.43	4205896.03	0.02689	9	9	0	ANNUAL	LINE	5
610875.43	4205896.03	0.02637	9	9	0	ANNUAL	LINE	5
610882.43	4205896.03	0.02587	9	9	0	ANNUAL	LINE	5
610889.43	4205896.03	0.02538	9	9	0	ANNUAL	LINE	5
610910.43	4205896.03	0.02404	9	9	0	ANNUAL	LINE	5
610917.43	4205896.03	0.02363	9	9	0	ANNUAL	LINE	5
610924.43	4205896.03	0.02323	9	9	0	ANNUAL	LINE	5
610931.43	4205896.03	0.02284	9	9	0	ANNUAL	LINE	5
610938.43	4205896.03	0.02246	9	9	0	ANNUAL	LINE	5
610945.43	4205896.03	0.0221	9	9	0	ANNUAL	LINE	5
610952.43	4205896.03	0.02175	9	9	0	ANNUAL	LINE	5
610959.43	4205896.03	0.02141	9	9	0	ANNUAL	LINE	5
610966.43	4205896.03	0.02108	9	9	0	ANNUAL	LINE	5
610973.43	4205896.03	0.02076	9	9	0	ANNUAL	LINE	5
611001.43	4205896.03	0.01956	9	9	0	ANNUAL	LINE	5
611008.43	4205896.03	0.01928	9	9	0	ANNUAL	LINE	5
611015.43	4205896.03	0.019	9	9	0	ANNUAL	LINE	5
611022.43	4205896.03	0.01873	9	9	0	ANNUAL	LINE	5
611029.43	4205896.03	0.01847	9	9	0	ANNUAL	LINE	5
611036.43	4205896.03	0.01822	9	9	0	ANNUAL	LINE	5
611043.43	4205896.03	0.01797	9	9	0	ANNUAL	LINE	5
611050.43	4205896.03	0.01773	9	9	0	ANNUAL	LINE	5
611057.43	4205896.03	0.01749	9	9	0	ANNUAL	LINE	5
611064.43	4205896.03	0.01725	9	9	0	ANNUAL	LINE	5
611071.43	4205896.03	0.01703	9	9	0	ANNUAL	LINE	5
611078.43	4205896.03	0.0168	9	9	0	ANNUAL	LINE	5
611085.43	4205896.03	0.01659	9	9	0	ANNUAL	LINE	5
611092.43	4205896.03	0.01637	9	9	0	ANNUAL	LINE	5
610294.43	4205903.03	0.14961	14.07	14.07	0	ANNUAL	LINE	5
610301.43	4205903.03	0.14838	14.06	14.06	0	ANNUAL	LINE	5
610308.43	4205903.03	0.14708	14.05	14.05	0	ANNUAL	LINE	5
610315.43	4205903.03	0.14575	14.04	14.04	0	ANNUAL	LINE	5
610322.43	4205903.03	0.14439	14.03	14.03	0	ANNUAL	LINE	5
610329.43	4205903.03	0.14302	14.02	14.02	0	ANNUAL	LINE	5
610336.43	4205903.03	0.1416	14.01	14.01	0	ANNUAL	LINE	5
610343.43	4205903.03	0.14015	13.99	13.99	0	ANNUAL	LINE	5
610350.43	4205903.03	0.13872	13.9	13.9	0	ANNUAL	LINE	5
610357.43	4205903.03	0.13726	13.8	13.8	0	ANNUAL	LINE	5
610364.43	4205903.03	0.13577	13.71	13.71	0	ANNUAL	LINE	5
610371.43	4205903.03	0.13425	13.61	13.61	0	ANNUAL	LINE	5
610378.43	4205903.03	0.1327	13.52	13.52	0	ANNUAL	LINE	5
610385.43	4205903.03	0.13112	13.42	13.42	0	ANNUAL	LINE	5
610392.43	4205903.03	0.12952	13.32	13.32	0	ANNUAL	LINE	5
610399.43	4205903.03	0.12788	13.23	13.23	0	ANNUAL	LINE	5
610406.43	4205903.03	0.12623	13.13	13.13	0	ANNUAL	LINE	5
610413.43	4205903.03	0.12454	13.04	13.04	0	ANNUAL	LINE	5
610420.43	4205903.03	0.12284	12.94	12.94	0	ANNUAL	LINE	5
610427.43	4205903.03	0.12111	12.85	12.85	0	ANNUAL	LINE	5
610434.43	4205903.03	0.11937	12.75	12.75	0	ANNUAL	LINE	5
610441.43	4205903.03	0.11759	12.66	12.66	0	ANNUAL	LINE	5
610448.43	4205903.03	0.11581	12.56	12.56	0	ANNUAL	LINE	5
610455.43	4205903.03	0.11401	12.46	12.46	0	ANNUAL	LINE	5
610462.43	4205903.03	0.11216	12.37	12.37	0	ANNUAL	LINE	5
610469.43	4205903.03	0.11029	12.27	12.27	0	ANNUAL	LINE	5
610476.43	4205903.03	0.1084	12.18	12.18	0	ANNUAL	LINE	5
610483.43	4205903.03	0.10651	12.08	12.08	0	ANNUAL	LINE	5
610490.43	4205903.03	0.10459	11.99	11.99	0	ANNUAL	LINE	5
610504.43	4205903.03	0.10071	11.82	11.82	0	ANNUAL	LINE	5
610511.43	4205903.03	0.09876	11.74	11.74	0	ANNUAL	LINE	5
610518.43	4205903.03	0.0968	11.66	11.66	0	ANNUAL	LINE	5
610525.43	4205903.03	0.09484	11.57	11.57	0	ANNUAL	LINE	5
610532.43	4205903.03	0.09287	11.49	11.49	0	ANNUAL	LINE	5
610539.43	4205903.03	0.0909	11.41	11.41	0	ANNUAL	LINE	5
610560.43	4205903.03	0.08502	11.16	11.16	0	ANNUAL	LINE	5
610567.43	4205903.03	0.08307	11.07	11.07	0	ANNUAL	LINE	5
610574.43	4205903.03	0.08114	10.98	10.98	0	ANNUAL	LINE	5
610581.43	4205903.03	0.07921	10.88	10.88	0	ANNUAL	LINE	5
610588.43	4205903.03	0.0773	10.79	10.79	0	ANNUAL	LINE	5
610595.43	4205903.03	0.07541	10.69	10.69	0	ANNUAL	LINE	5
610602.43	4205903.03	0.07354	10.6	10.6	0	ANNUAL	LINE	5
610609.43	4205903.03	0.07168	10.5	10.5	0	ANNUAL	LINE	5
610616.43	4205903.03	0.06985	10.41	10.41	0	ANNUAL	LINE	5
610658.43	4205903.03	0.05936	10.1	10.1	0	ANNUAL	LINE	5
610665.43	4205903.03	0.05772	10.09	10.09	0	ANNUAL	LINE	5
610672.43	4205903.03	0.05611	10.08	10.08	0	ANNUAL	LINE	5
610679.43	4205903.03	0.05454	10.06	10.06	0	ANNUAL	LINE	5
610686.43	4205903.03	0.053	10.05	10.05	0	ANNUAL	LINE	5
610693.43	4205903.03	0.05151	10.03	10.03	0	ANNUAL	LINE	5
610700.43	4205903.03	0.05005	10.02	10.02	0	ANNUAL	LINE	5
610707.43	4205903.03	0.04864	10	10	0	ANNUAL	LINE	5
610714.43	4205903.03	0.04727	9.93	9.93	0	ANNUAL	LINE	5
610721.43	4205903.03	0.04594	9.83	9.83	0	ANNUAL	LINE	5
610728.43	4205903.03	0.04466	9.73	9.73	0	ANNUAL	LINE	5
610735.43	4205903.03	0.04341	9.64	9.64	0	ANNUAL	LINE	5
610742.43	4205903.03	0.04222	9.54	9.54	0	ANNUAL	LINE	5
610749.43	4205903.03	0.04106	9.45	9.45	0	ANNUAL	LINE	5
610756.43	4205903.03	0.03995	9.35	9.35	0	ANNUAL	LINE	5
610763.43	4205903.03	0.03888	9.26	9.26	0	ANNUAL	LINE	5
610770.43	4205903.03	0.03786	9.16	9.16	0	ANNUAL	LINE	5
610777.43	4205903.03	0.03688	9.06	9.06	0	ANNUAL	LINE	5
610784.43	4205903.03	0.03594	9	9	0	ANNUAL	LINE	5
610791.43	4205903.03	0.03503	9	9	0	ANNUAL	LINE	5
610798.43	4205903.03	0.03417	9	9	0	ANNUAL	LINE	5
610805.43	4205903.03	0.03335	9	9	0	ANNUAL	LINE	5
610812.43	4205903.03	0.03256	9	9	0	ANNUAL	LINE	5
610819.43	4205903.03	0.0318	9	9	0	ANNUAL	LINE	5
610826.43	4205903.03	0.03108	9	9	0	ANNUAL	LINE	5
610833.43	4205903.03	0.03039	9	9	0	ANNUAL	LINE	5
610840.43	4205903.03	0.02973	9	9	0	ANNUAL	LINE	5
610847.43	4205903.03	0.0291	9	9	0	ANNUAL	LINE	5
610854.43	4205903.03	0.02849	9	9	0	ANNUAL	LINE	5
610861.43	4205903.03	0.02791	9	9	0	ANNUAL	LINE	5
610868.43	4205903.03	0.02735	9	9	0	ANNUAL	LINE	5
610875.43	4205903.03	0.02682	9	9	0	ANNUAL	LINE	5
610882.43	4205903.03	0.02631	9	9	0	ANNUAL	LINE	5
610889.43	4205903.03	0.02581	9	9	0	ANNUAL	LINE	5
610910.43	4205903.03	0.02444	9	9	0	ANNUAL	LINE	5
610917.43	4205903.03	0.02402	9	9	0	ANNUAL	LINE	5
610924.43	4205903.03	0.02361	9	9	0	ANNUAL	LINE	5
610931.43	4205903.03	0.02321	9	9	0	ANNUAL	LINE	5
610938.43	4205903.03	0.02283	9	9	0	ANNUAL	LINE	5
610945.43	4205903.03	0.02246	9	9	0	ANNUAL	LINE	5
610952.43	4205903.03	0.0221	9	9	0	ANNUAL	LINE	5
610959.43	4205903.03	0.02175	9	9	0	ANNUAL	LINE	5
610966.43	4205903.03	0.02142	9	9	0	ANNUAL	LINE	5
610973.43	4205903.03	0.02109	9	9	0	ANNUAL	LINE	5
611001.43	4205903.03	0.01986	9	9	0	ANNUAL	LINE	5
611008.43	4205903.03	0.01957	9	9	0	ANNUAL	LINE	5
611015.43	4205903.03	0.01929	9	9	0	ANNUAL	LINE	5
611022.43	4205903.03	0.01902	9	9	0	ANNUAL	LINE	5
611029.43	4205903.03	0.01875	9	9	0	ANNUAL	LINE	5
611036.43	4205903.03	0.01849	9	9	0	ANNUAL	LINE	5

611043.43	4205903.03	0.01824	9	9	0	ANNUAL	LINE	5
611050.43	4205903.03	0.01799	9	9	0	ANNUAL	LINE	5
611057.43	4205903.03	0.01775	9	9	0	ANNUAL	LINE	5
611064.43	4205903.03	0.01751	9	9	0	ANNUAL	LINE	5
611071.43	4205903.03	0.01727	9	9	0	ANNUAL	LINE	5
611078.43	4205903.03	0.01705	9	9	0	ANNUAL	LINE	5
611085.43	4205903.03	0.01682	9	9	0	ANNUAL	LINE	5
611092.43	4205903.03	0.01661	9	9	0	ANNUAL	LINE	5
610294.43	4205910.03	0.15403	14.01	14.01	0	ANNUAL	LINE	5
610301.43	4205910.03	0.15273	14.01	14.01	0	ANNUAL	LINE	5
610308.43	4205910.03	0.15141	14.01	14.01	0	ANNUAL	LINE	5
610315.43	4205910.03	0.15005	14.01	14.01	0	ANNUAL	LINE	5
610322.43	4205910.03	0.14866	14.01	14.01	0	ANNUAL	LINE	5
610329.43	4205910.03	0.14723	14.01	14.01	0	ANNUAL	LINE	5
610336.43	4205910.03	0.14578	14	14	0	ANNUAL	LINE	5
610343.43	4205910.03	0.1443	13.99	13.99	0	ANNUAL	LINE	5
610350.43	4205910.03	0.14283	13.9	13.9	0	ANNUAL	LINE	5
610357.43	4205910.03	0.14135	13.8	13.8	0	ANNUAL	LINE	5
610364.43	4205910.03	0.13982	13.71	13.71	0	ANNUAL	LINE	5
610371.43	4205910.03	0.13827	13.61	13.61	0	ANNUAL	LINE	5
610378.43	4205910.03	0.13669	13.51	13.51	0	ANNUAL	LINE	5
610385.43	4205910.03	0.13507	13.42	13.42	0	ANNUAL	LINE	5
610392.43	4205910.03	0.13343	13.32	13.32	0	ANNUAL	LINE	5
610399.43	4205910.03	0.13175	13.23	13.23	0	ANNUAL	LINE	5
610406.43	4205910.03	0.13005	13.13	13.13	0	ANNUAL	LINE	5
610413.43	4205910.03	0.12832	13.04	13.04	0	ANNUAL	LINE	5
610420.43	4205910.03	0.12658	12.94	12.94	0	ANNUAL	LINE	5
610427.43	4205910.03	0.1248	12.85	12.85	0	ANNUAL	LINE	5
610434.43	4205910.03	0.123	12.75	12.75	0	ANNUAL	LINE	5
610441.43	4205910.03	0.12119	12.65	12.65	0	ANNUAL	LINE	5
610448.43	4205910.03	0.11935	12.56	12.56	0	ANNUAL	LINE	5
610455.43	4205910.03	0.11748	12.46	12.46	0	ANNUAL	LINE	5
610462.43	4205910.03	0.11558	12.37	12.37	0	ANNUAL	LINE	5
610469.43	4205910.03	0.11365	12.27	12.27	0	ANNUAL	LINE	5
610476.43	4205910.03	0.1117	12.18	12.18	0	ANNUAL	LINE	5
610483.43	4205910.03	0.10974	12.08	12.08	0	ANNUAL	LINE	5
610490.43	4205910.03	0.10776	11.99	11.99	0	ANNUAL	LINE	5
610560.43	4205910.03	0.08749	11.09	11.09	0	ANNUAL	LINE	5
610658.43	4205910.03	0.06084	10.05	10.05	0	ANNUAL	LINE	5
610665.43	4205910.03	0.05913	10.05	10.05	0	ANNUAL	LINE	5
610672.43	4205910.03	0.05747	10.04	10.04	0	ANNUAL	LINE	5
610679.43	4205910.03	0.05584	10.03	10.03	0	ANNUAL	LINE	5
610686.43	4205910.03	0.05424	10.02	10.02	0	ANNUAL	LINE	5
610693.43	4205910.03	0.05269	10.02	10.02	0	ANNUAL	LINE	5
610700.43	4205910.03	0.05119	10.01	10.01	0	ANNUAL	LINE	5
610707.43	4205910.03	0.04972	10	10	0	ANNUAL	LINE	5
610714.43	4205910.03	0.04831	9.92	9.92	0	ANNUAL	LINE	5
610721.43	4205910.03	0.04693	9.83	9.83	0	ANNUAL	LINE	5
610728.43	4205910.03	0.04561	9.73	9.73	0	ANNUAL	LINE	5
610735.43	4205910.03	0.04433	9.64	9.64	0	ANNUAL	LINE	5
610742.43	4205910.03	0.04309	9.54	9.54	0	ANNUAL	LINE	5
610749.43	4205910.03	0.0419	9.45	9.45	0	ANNUAL	LINE	5
610756.43	4205910.03	0.04075	9.35	9.35	0	ANNUAL	LINE	5
610763.43	4205910.03	0.03966	9.25	9.25	0	ANNUAL	LINE	5
610770.43	4205910.03	0.0386	9.16	9.16	0	ANNUAL	LINE	5
610777.43	4205910.03	0.03759	9.06	9.06	0	ANNUAL	LINE	5
610784.43	4205910.03	0.03662	9	9	0	ANNUAL	LINE	5
610791.43	4205910.03	0.0357	9	9	0	ANNUAL	LINE	5
610798.43	4205910.03	0.03481	9	9	0	ANNUAL	LINE	5
610805.43	4205910.03	0.03397	9	9	0	ANNUAL	LINE	5
610812.43	4205910.03	0.03316	9	9	0	ANNUAL	LINE	5
610819.43	4205910.03	0.03238	9	9	0	ANNUAL	LINE	5
610826.43	4205910.03	0.03164	9	9	0	ANNUAL	LINE	5
610833.43	4205910.03	0.03094	9	9	0	ANNUAL	LINE	5
610840.43	4205910.03	0.03026	9	9	0	ANNUAL	LINE	5
610847.43	4205910.03	0.02961	9	9	0	ANNUAL	LINE	5
610854.43	4205910.03	0.02899	9	9	0	ANNUAL	LINE	5
610861.43	4205910.03	0.0284	9	9	0	ANNUAL	LINE	5
610868.43	4205910.03	0.02783	9	9	0	ANNUAL	LINE	5
610875.43	4205910.03	0.02729	9	9	0	ANNUAL	LINE	5
610882.43	4205910.03	0.02676	9	9	0	ANNUAL	LINE	5
610889.43	4205910.03	0.02626	9	9	0	ANNUAL	LINE	5
610910.43	4205910.03	0.02486	9	9	0	ANNUAL	LINE	5
610917.43	4205910.03	0.02442	9	9	0	ANNUAL	LINE	5
610924.43	4205910.03	0.02401	9	9	0	ANNUAL	LINE	5
610931.43	4205910.03	0.0236	9	9	0	ANNUAL	LINE	5
610938.43	4205910.03	0.02321	9	9	0	ANNUAL	LINE	5
610945.43	4205910.03	0.02283	9	9	0	ANNUAL	LINE	5
610952.43	4205910.03	0.02246	9	9	0	ANNUAL	LINE	5
610959.43	4205910.03	0.02211	9	9	0	ANNUAL	LINE	5
610966.43	4205910.03	0.02176	9	9	0	ANNUAL	LINE	5
610973.43	4205910.03	0.02143	9	9	0	ANNUAL	LINE	5
611001.43	4205910.03	0.02017	9	9	0	ANNUAL	LINE	5
611008.43	4205910.03	0.01988	9	9	0	ANNUAL	LINE	5
611015.43	4205910.03	0.01959	9	9	0	ANNUAL	LINE	5
611022.43	4205910.03	0.01931	9	9	0	ANNUAL	LINE	5
611029.43	4205910.03	0.01904	9	9	0	ANNUAL	LINE	5
611036.43	4205910.03	0.01877	9	9	0	ANNUAL	LINE	5
611043.43	4205910.03	0.01851	9	9	0	ANNUAL	LINE	5
611050.43	4205910.03	0.01826	9	9	0	ANNUAL	LINE	5
611057.43	4205910.03	0.01801	9	9	0	ANNUAL	LINE	5
611064.43	4205910.03	0.01777	9	9	0	ANNUAL	LINE	5
611071.43	4205910.03	0.01753	9	9	0	ANNUAL	LINE	5
611078.43	4205910.03	0.0173	9	9	0	ANNUAL	LINE	5
611085.43	4205910.03	0.01707	9	9	0	ANNUAL	LINE	5
611092.43	4205910.03	0.01685	9	9	0	ANNUAL	LINE	5
610294.43	4205917.03	0.15857	13.95	13.95	0	ANNUAL	LINE	5
610301.43	4205917.03	0.15726	13.95	13.95	0	ANNUAL	LINE	5
610308.43	4205917.03	0.15591	13.95	13.95	0	ANNUAL	LINE	5
610315.43	4205917.03	0.15453	13.95	13.95	0	ANNUAL	LINE	5
610322.43	4205917.03	0.15311	13.95	13.95	0	ANNUAL	LINE	5
610329.43	4205917.03	0.15166	13.95	13.95	0	ANNUAL	LINE	5
610336.43	4205917.03	0.15017	13.95	13.95	0	ANNUAL	LINE	5
610343.43	4205917.03	0.14865	13.95	13.95	0	ANNUAL	LINE	5
610350.43	4205917.03	0.14717	13.85	13.85	0	ANNUAL	LINE	5
610357.43	4205917.03	0.14564	13.76	13.76	0	ANNUAL	LINE	5
610364.43	4205917.03	0.14409	13.66	13.66	0	ANNUAL	LINE	5
610371.43	4205917.03	0.1425	13.57	13.57	0	ANNUAL	LINE	5
610378.43	4205917.03	0.14088	13.47	13.47	0	ANNUAL	LINE	5
610385.43	4205917.03	0.13922	13.38	13.38	0	ANNUAL	LINE	5
610392.43	4205917.03	0.13754	13.28	13.28	0	ANNUAL	LINE	5
610399.43	4205917.03	0.13583	13.19	13.19	0	ANNUAL	LINE	5
610406.43	4205917.03	0.13409	13.09	13.09	0	ANNUAL	LINE	5
610413.43	4205917.03	0.13231	13	13	0	ANNUAL	LINE	5
610420.43	4205917.03	0.13051	12.91	12.91	0	ANNUAL	LINE	5
610427.43	4205917.03	0.12868	12.82	12.82	0	ANNUAL	LINE	5
610434.43	4205917.03	0.12684	12.72	12.72	0	ANNUAL	LINE	5
610441.43	4205917.03	0.12496	12.63	12.63	0	ANNUAL	LINE	5
610448.43	4205917.03	0.12306	12.54	12.54	0	ANNUAL	LINE	5
610455.43	4205917.03	0.12113	12.45	12.45	0	ANNUAL	LINE	5
610462.43	4205917.03	0.11916	12.36	12.36	0	ANNUAL	LINE	5
610469.43	4205917.03	0.11718	12.26	12.26	0	ANNUAL	LINE	5
610476.43	4205917.03	0.11516	12.17	12.17	0	ANNUAL	LINE	5
610483.43	4205917.03	0.11313	12.08	12.08	0	ANNUAL	LINE	5
610623.43	4205917.03	0.07174	10.17	10.17	0	ANNUAL	LINE	5
610630.43	4205917.03	0.06981	10.07	10.07	0	ANNUAL	LINE	5
610637.43	4205917.03	0.0679	10	10	0	ANNUAL	LINE	5
610644.43	4205917.03	0.06603	10	10	0	ANNUAL	LINE	5
610651.43	4205917.03	0.06061	10	10	0	ANNUAL	LINE	5
610672.43	4205917.03	0.05888	10	10	0	ANNUAL	LINE	5
610679.43	4205917.03	0.05718	10	10	0	ANNUAL	LINE	5
610686.43	4205917.03	0.05554	10	10	0	ANNUAL	LINE	5
610693.43	4205917.03	0.05393	10	10	0	ANNUAL	LINE	5
610700.43	4205917.03	0.05237	10	10	0	ANNUAL	LINE	5
610707.43	4205917.03	0.05085	10	10	0	ANNUAL	LINE	5
610714.43	4205917.03	0.04938	9.92	9.92	0	ANNUAL	LINE	5
610721.43	4205917.03	0.04797	9.83	9.83	0	ANNUAL	LINE	5
610728.43	4205917.03	0.04659	9.73	9.73	0	ANNUAL	LINE	5
610735.43	4205917.03	0.04527	9.64	9.64	0	ANNUAL	LINE	5
610742.43	4205917.03	0.04399	9.54	9.54	0	ANNUAL	LINE	5
610749.43	4205917.03	0.04277	9.44	9.44	0	ANNUAL	LINE	5
610756.43	4205917.03	0.04159	9.35	9.35	0	ANNUAL	LINE	5
610763.43	4205917.03	0.04045	9.25	9.25	0	ANNUAL	LINE	5
610770.43	4205917.03	0.03937	9.16	9.16	0	ANNUAL	LINE	5
610777.43	4205917.03	0.03833	9.06	9.06	0	ANNUAL	LINE	5
610784.43	4205917.03	0.03733	9	9	0	ANNUAL	LINE	5
610791.43	4205917.03	0.03638	9	9	0	ANNUAL	LINE	5
610798.43	4205917.03	0.03547	9	9	0	ANNUAL	LINE	5
610805.43	4205917.03	0.03461	9	9	0	ANNUAL	LINE	5
610812.43	4205917.03	0.03378	9	9	0	ANNUAL	LINE	5
610819.43	4205917.03	0.03298	9	9	0	ANNUAL	LINE	5
610826.43	4205917.03	0.03223	9	9	0	ANNUAL	LINE	5
610833.43	4205917.03	0.0315	9	9	0	ANNUAL	LINE	5
610840.43	4205917.03	0.03081	9	9	0	ANNUAL	LINE	5
610847.43	4205917.03	0.03015	9	9	0	ANNUAL	LINE	5
610854.43	4205917.03	0.02951	9	9	0	ANNUAL	LINE	5
610861.43	4205917.03	0.02891	9	9	0	ANNUAL	LINE	5
610868.43	4205917.03	0.02832	9	9	0	ANNUAL	LINE	5
610875.43	4205917.03	0.02777	9	9	0	ANNUAL	LINE	5
610882.43	4205917.03	0.02723	9	9	0	ANNUAL	LINE	5
610889.43	4205917.03	0.02672	9	9	0	ANNUAL	LINE	5
610910.43	4205917.03	0.02528	9	9	0	ANNUAL	LINE	5
610917.43	4205917.03	0.02484	9	9	0	ANNUAL	LINE	5
610924.43	4205917.03	0.02441	9	9	0	ANNUAL	LINE	5
610931.43	4205917.03	0.024	9	9	0	ANNUAL	LINE	5
610938.43	4205917.03	0.0236	9	9	0	ANNUAL	LINE	5
610945.43	4205917.03	0.02321	9	9	0	ANNUAL	LINE	5
610952.43	4205917.03	0.02284	9	9	0	ANNUAL	LINE	5
610959.43	4205917.03	0.02247	9	9	0	ANNUAL	LINE	5
610966.43	4205917.03	0.02212	9	9	0	ANNUAL	LINE	5
610973.43	4205917.03	0.02178	9	9	0	ANNUAL	LINE	5
611001.43	4205917.03	0.02049	9	9	0	ANNUAL	LINE	5
611008.43	4205917.03	0.02019	9	9	0	ANNUAL	LINE	5
611015.43	4205917.03	0.0199	9	9	0	ANNUAL	LINE	5
611022.43	4205917.03	0.01962	9	9	0	ANNUAL	LINE	5
611029.43	4205917.03	0.01934	9	9	0	ANNUAL	LINE	5
611036.43	4205917.03	0.01906	9	9	0	ANNUAL	LINE	5
611043.43	4205917.03	0.0188	9	9	0	ANNUAL	LINE	5
611050.43	4205917.03	0.01854	9	9	0	ANNUAL	LINE	5
611057.43	4205917.03	0.01828	9	9	0	ANNUAL	LINE	5
611064.43	4205917.03	0.01804	9	9	0	ANNUAL	LINE	5
611071.43	4205917.03	0.01779	9	9	0	ANNUAL	LINE	5
611078.43	4205917.03	0.01756	9	9	0	ANNUAL	LINE	5
611085.43	4205917.03	0.01732	9	9	0	ANNUAL	LINE	5
611092.43	4205917.03	0.0171	9	9	0	ANNUAL	LINE	5
610294.43	4205924.03	0.16332	13.87	13.87	0	ANNUAL	LINE	5
610301.43	4205924.03	0.16199	13.87	13.87	0	ANNUAL	LINE	5
610308.43	4205924.03	0.16062	13.87	13.87	0	ANNUAL	LINE	5
610315.43	4205924.03	0.15921	13.87	13.87	0	ANNUAL	LINE	5
610322.43	4205924.03	0.15776	13.88	13.88	0	ANNUAL	LINE	5
610329.43	4205924.03	0.15628	13.88	13.88	0	ANNUAL	LINE	5
610336.43	4205924.03	0.15477	13.88	13.88	0	ANNUAL	LINE	5
610343.43	4205924.03	0.15323	13.87	13.87	0	ANNUAL	LINE	5
610350.43	4205924.03	0.15171	13.77	13.77	0	ANNUAL	LINE	5
610357.43	4205924.03	0.15016	13.68	13.68	0	ANNUAL	LINE	5
610364.43	4205924.03	0.14857	13.58	13.58	0	ANNUAL	LINE	5
610371.43	4205924.03	0.14695	13.49	13.49	0	ANNUAL	LINE	5
610378.43	4205924.03	0.14529	13.4	13.4	0	ANNUAL	LINE	5
610385.43	4205924.03	0.1436	13.3	13.3	0	ANNUAL	LINE	5
610392.43	4205924.03	0.14187	13.21	13.21	0	ANNUAL	LINE	5
610399.43	4205924.03	0.14012	13.11	13.11	0	ANNUAL	LINE	5
610406.43	4205924.03	0.13833	13.02	13.02	0	ANNUAL	LINE	5
610413.43	4205924.03	0.13652	12.92	12.92	0	ANNUAL	LINE	5
610420.43	4205924.03	0.13467	12.83	12.83	0	ANNUAL	LINE	5
610427.43	4205924.03	0.13278	12.75	12.75	0	ANNUAL	LINE	5
610434.43	4205924.03	0.13087	12.67	12.67	0	ANNUAL	LINE	5
610441.43	4205924.03	0.12894	12.58	12.58	0	ANNUAL	LINE	5
610448.43	4205924.03	0.12698	12.5	12.5	0	ANNUAL	LINE	5
610455.43	4205924.03	0.12498	12.41	12.41	0	ANNUAL	LINE	5
610462.43	4205924.03	0.12294	12.33	12.33	0	ANNUAL	LINE	5
610469.43	4205924.03	0.12088	12.24	12.24	0	ANNUAL	LINE	5

610476.43	4205924.03	0.11879	12.16	12.16	0	ANNUAL	LINE	5
610483.43	4205924.03	0.11669	12.07	12.07	0	ANNUAL	LINE	5
610504.43	4205924.03	0.11027	11.79	11.79	0	ANNUAL	LINE	5
610511.43	4205924.03	0.10811	11.69	11.69	0	ANNUAL	LINE	5
610518.43	4205924.03	0.10593	11.6	11.6	0	ANNUAL	LINE	5
610525.43	4205924.03	0.10374	11.5	11.5	0	ANNUAL	LINE	5
610532.43	4205924.03	0.10155	11.41	11.41	0	ANNUAL	LINE	5
610539.43	4205924.03	0.09936	11.31	11.31	0	ANNUAL	LINE	5
610546.43	4205924.03	0.09716	11.22	11.22	0	ANNUAL	LINE	5
610553.43	4205924.03	0.09496	11.12	11.12	0	ANNUAL	LINE	5
610560.43	4205924.03	0.09277	11.03	11.03	0	ANNUAL	LINE	5
610567.43	4205924.03	0.09059	10.93	10.93	0	ANNUAL	LINE	5
610574.43	4205924.03	0.08842	10.83	10.83	0	ANNUAL	LINE	5
610581.43	4205924.03	0.08626	10.74	10.74	0	ANNUAL	LINE	5
610588.43	4205924.03	0.08411	10.64	10.64	0	ANNUAL	LINE	5
610595.43	4205924.03	0.08199	10.55	10.55	0	ANNUAL	LINE	5
610602.43	4205924.03	0.07988	10.45	10.45	0	ANNUAL	LINE	5
610609.43	4205924.03	0.0778	10.36	10.36	0	ANNUAL	LINE	5
610616.43	4205924.03	0.07574	10.26	10.26	0	ANNUAL	LINE	5
610623.43	4205924.03	0.07371	10.16	10.16	0	ANNUAL	LINE	5
610630.43	4205924.03	0.0717	10.07	10.07	0	ANNUAL	LINE	5
610637.43	4205924.03	0.06972	10	10	0	ANNUAL	LINE	5
610644.43	4205924.03	0.06777	9.99	9.99	0	ANNUAL	LINE	5
610651.43	4205924.03	0.06214	9.97	9.97	0	ANNUAL	LINE	5
610672.43	4205924.03	0.06035	9.96	9.96	0	ANNUAL	LINE	5
610679.43	4205924.03	0.05859	9.96	9.96	0	ANNUAL	LINE	5
610686.43	4205924.03	0.05688	9.95	9.95	0	ANNUAL	LINE	5
610693.43	4205924.03	0.05521	9.94	9.94	0	ANNUAL	LINE	5
610700.43	4205924.03	0.0536	9.94	9.94	0	ANNUAL	LINE	5
610707.43	4205924.03	0.05203	9.93	9.93	0	ANNUAL	LINE	5
610714.43	4205924.03	0.05051	9.86	9.86	0	ANNUAL	LINE	5
610721.43	4205924.03	0.04904	9.77	9.77	0	ANNUAL	LINE	5
610728.43	4205924.03	0.04762	9.68	9.68	0	ANNUAL	LINE	5
610735.43	4205924.03	0.04625	9.59	9.59	0	ANNUAL	LINE	5
610742.43	4205924.03	0.04493	9.5	9.5	0	ANNUAL	LINE	5
610749.43	4205924.03	0.04366	9.42	9.42	0	ANNUAL	LINE	5
610756.43	4205924.03	0.04245	9.33	9.33	0	ANNUAL	LINE	5
610763.43	4205924.03	0.04128	9.24	9.24	0	ANNUAL	LINE	5
610770.43	4205924.03	0.04016	9.15	9.15	0	ANNUAL	LINE	5
610777.43	4205924.03	0.03909	9.06	9.06	0	ANNUAL	LINE	5
610784.43	4205924.03	0.03807	9	9	0	ANNUAL	LINE	5
610791.43	4205924.03	0.03709	9	9	0	ANNUAL	LINE	5
610798.43	4205924.03	0.03616	9	9	0	ANNUAL	LINE	5
610805.43	4205924.03	0.03527	9	9	0	ANNUAL	LINE	5
610812.43	4205924.03	0.03442	9	9	0	ANNUAL	LINE	5
610819.43	4205924.03	0.0336	9	9	0	ANNUAL	LINE	5
610826.43	4205924.03	0.03283	9	9	0	ANNUAL	LINE	5
610833.43	4205924.03	0.03209	9	9	0	ANNUAL	LINE	5
610840.43	4205924.03	0.03138	9	9	0	ANNUAL	LINE	5
610847.43	4205924.03	0.0307	9	9	0	ANNUAL	LINE	5
610854.43	4205924.03	0.03005	9	9	0	ANNUAL	LINE	5
610861.43	4205924.03	0.02943	9	9	0	ANNUAL	LINE	5
610868.43	4205924.03	0.02883	9	9	0	ANNUAL	LINE	5
610875.43	4205924.03	0.02826	9	9	0	ANNUAL	LINE	5
610882.43	4205924.03	0.02772	9	9	0	ANNUAL	LINE	5
610889.43	4205924.03	0.02719	9	9	0	ANNUAL	LINE	5
610910.43	4205924.03	0.02573	9	9	0	ANNUAL	LINE	5
610917.43	4205924.03	0.02527	9	9	0	ANNUAL	LINE	5
610924.43	4205924.03	0.02484	9	9	0	ANNUAL	LINE	5
610931.43	4205924.03	0.02441	9	9	0	ANNUAL	LINE	5
610938.43	4205924.03	0.024	9	9	0	ANNUAL	LINE	5
610945.43	4205924.03	0.02361	9	9	0	ANNUAL	LINE	5
610952.43	4205924.03	0.02322	9	9	0	ANNUAL	LINE	5
610959.43	4205924.03	0.02285	9	9	0	ANNUAL	LINE	5
610966.43	4205924.03	0.02249	9	9	0	ANNUAL	LINE	5
610973.43	4205924.03	0.02214	9	9	0	ANNUAL	LINE	5
611001.43	4205924.03	0.02083	9	9	0	ANNUAL	LINE	5
611008.43	4205924.03	0.02052	9	9	0	ANNUAL	LINE	5
611015.43	4205924.03	0.02022	9	9	0	ANNUAL	LINE	5
611022.43	4205924.03	0.01993	9	9	0	ANNUAL	LINE	5
611029.43	4205924.03	0.01964	9	9	0	ANNUAL	LINE	5
611036.43	4205924.03	0.01936	9	9	0	ANNUAL	LINE	5
611043.43	4205924.03	0.01909	9	9	0	ANNUAL	LINE	5
611050.43	4205924.03	0.01883	9	9	0	ANNUAL	LINE	5
611057.43	4205924.03	0.01857	9	9	0	ANNUAL	LINE	5
611064.43	4205924.03	0.01831	9	9	0	ANNUAL	LINE	5
611071.43	4205924.03	0.01806	9	9	0	ANNUAL	LINE	5
611078.43	4205924.03	0.01782	9	9	0	ANNUAL	LINE	5
611085.43	4205924.03	0.01758	9	9	0	ANNUAL	LINE	5
611092.43	4205924.03	0.01735	9	9	0	ANNUAL	LINE	5
610294.43	4205931.03	0.16827	13.8	13.8	0	ANNUAL	LINE	5
610301.43	4205931.03	0.16692	13.8	13.8	0	ANNUAL	LINE	5
610308.43	4205931.03	0.16553	13.8	13.8	0	ANNUAL	LINE	5
610315.43	4205931.03	0.1641	13.8	13.8	0	ANNUAL	LINE	5
610322.43	4205931.03	0.16263	13.8	13.8	0	ANNUAL	LINE	5
610329.43	4205931.03	0.16112	13.8	13.8	0	ANNUAL	LINE	5
610336.43	4205931.03	0.15958	13.8	13.8	0	ANNUAL	LINE	5
610343.43	4205931.03	0.15801	13.79	13.79	0	ANNUAL	LINE	5
610350.43	4205931.03	0.15646	13.7	13.7	0	ANNUAL	LINE	5
610357.43	4205931.03	0.15488	13.6	13.6	0	ANNUAL	LINE	5
610364.43	4205931.03	0.15326	13.51	13.51	0	ANNUAL	LINE	5
610371.43	4205931.03	0.1516	13.41	13.41	0	ANNUAL	LINE	5
610378.43	4205931.03	0.14991	13.32	13.32	0	ANNUAL	LINE	5
610385.43	4205931.03	0.14818	13.22	13.22	0	ANNUAL	LINE	5
610392.43	4205931.03	0.14641	13.13	13.13	0	ANNUAL	LINE	5
610399.43	4205931.03	0.14462	13.03	13.03	0	ANNUAL	LINE	5
610406.43	4205931.03	0.14279	12.94	12.94	0	ANNUAL	LINE	5
610413.43	4205931.03	0.14092	12.85	12.85	0	ANNUAL	LINE	5
610420.43	4205931.03	0.13902	12.76	12.76	0	ANNUAL	LINE	5
610427.43	4205931.03	0.13708	12.69	12.69	0	ANNUAL	LINE	5
610434.43	4205931.03	0.13511	12.61	12.61	0	ANNUAL	LINE	5
610441.43	4205931.03	0.13312	12.53	12.53	0	ANNUAL	LINE	5
610448.43	4205931.03	0.13108	12.45	12.45	0	ANNUAL	LINE	5
610455.43	4205931.03	0.129	12.38	12.38	0	ANNUAL	LINE	5
610462.43	4205931.03	0.1269	12.3	12.3	0	ANNUAL	LINE	5
610469.43	4205931.03	0.12477	12.22	12.22	0	ANNUAL	LINE	5
610476.43	4205931.03	0.12261	12.14	12.14	0	ANNUAL	LINE	5
610483.43	4205931.03	0.12043	12.06	12.06	0	ANNUAL	LINE	5
610490.43	4205931.03	0.11822	11.98	11.98	0	ANNUAL	LINE	5
610504.43	4205931.03	0.11377	11.79	11.79	0	ANNUAL	LINE	5
610511.43	4205931.03	0.11153	11.69	11.69	0	ANNUAL	LINE	5
610518.43	4205931.03	0.10927	11.6	11.6	0	ANNUAL	LINE	5
610525.43	4205931.03	0.107	11.5	11.5	0	ANNUAL	LINE	5
610532.43	4205931.03	0.10473	11.41	11.41	0	ANNUAL	LINE	5
610539.43	4205931.03	0.10245	11.31	11.31	0	ANNUAL	LINE	5
610546.43	4205931.03	0.10016	11.22	11.22	0	ANNUAL	LINE	5
610553.43	4205931.03	0.09788	11.12	11.12	0	ANNUAL	LINE	5
610560.43	4205931.03	0.0956	11.02	11.02	0	ANNUAL	LINE	5
610567.43	4205931.03	0.09333	10.93	10.93	0	ANNUAL	LINE	5
610574.43	4205931.03	0.09107	10.83	10.83	0	ANNUAL	LINE	5
610581.43	4205931.03	0.08883	10.74	10.74	0	ANNUAL	LINE	5
610588.43	4205931.03	0.0866	10.64	10.64	0	ANNUAL	LINE	5
610595.43	4205931.03	0.08439	10.55	10.55	0	ANNUAL	LINE	5
610602.43	4205931.03	0.0822	10.45	10.45	0	ANNUAL	LINE	5
610609.43	4205931.03	0.08003	10.35	10.35	0	ANNUAL	LINE	5
610616.43	4205931.03	0.07789	10.26	10.26	0	ANNUAL	LINE	5
610623.43	4205931.03	0.07577	10.16	10.16	0	ANNUAL	LINE	5
610630.43	4205931.03	0.07368	10.07	10.07	0	ANNUAL	LINE	5
610637.43	4205931.03	0.07162	10	10	0	ANNUAL	LINE	5
610644.43	4205931.03	0.0696	9.98	9.98	0	ANNUAL	LINE	5
610651.43	4205931.03	0.06761	9.97	9.97	0	ANNUAL	LINE	5
610672.43	4205931.03	0.06188	9.92	9.92	0	ANNUAL	LINE	5
610679.43	4205931.03	0.06006	9.91	9.91	0	ANNUAL	LINE	5
610686.43	4205931.03	0.05828	9.9	9.9	0	ANNUAL	LINE	5
610693.43	4205931.03	0.05655	9.88	9.88	0	ANNUAL	LINE	5
610700.43	4205931.03	0.05487	9.87	9.87	0	ANNUAL	LINE	5
610707.43	4205931.03	0.05325	9.86	9.86	0	ANNUAL	LINE	5
610714.43	4205931.03	0.05167	9.79	9.79	0	ANNUAL	LINE	5
610721.43	4205931.03	0.05015	9.71	9.71	0	ANNUAL	LINE	5
610728.43	4205931.03	0.04868	9.63	9.63	0	ANNUAL	LINE	5
610735.43	4205931.03	0.04727	9.54	9.54	0	ANNUAL	LINE	5
610742.43	4205931.03	0.0459	9.46	9.46	0	ANNUAL	LINE	5
610749.43	4205931.03	0.0446	9.38	9.38	0	ANNUAL	LINE	5
610756.43	4205931.03	0.04334	9.3	9.3	0	ANNUAL	LINE	5
610763.43	4205931.03	0.04214	9.22	9.22	0	ANNUAL	LINE	5
610770.43	4205931.03	0.04099	9.13	9.13	0	ANNUAL	LINE	5
610777.43	4205931.03	0.03988	9.05	9.05	0	ANNUAL	LINE	5
610784.43	4205931.03	0.03883	9	9	0	ANNUAL	LINE	5
610791.43	4205931.03	0.03783	9	9	0	ANNUAL	LINE	5
610798.43	4205931.03	0.03687	9	9	0	ANNUAL	LINE	5
610805.43	4205931.03	0.03595	9	9	0	ANNUAL	LINE	5
610812.43	4205931.03	0.03508	9	9	0	ANNUAL	LINE	5
610819.43	4205931.03	0.03425	9	9	0	ANNUAL	LINE	5
610826.43	4205931.03	0.03345	9	9	0	ANNUAL	LINE	5
610833.43	4205931.03	0.03269	9	9	0	ANNUAL	LINE	5
610840.43	4205931.03	0.03196	9	9	0	ANNUAL	LINE	5
610847.43	4205931.03	0.03127	9	9	0	ANNUAL	LINE	5
610854.43	4205931.03	0.03061	9	9	0	ANNUAL	LINE	5
610861.43	4205931.03	0.02997	9	9	0	ANNUAL	LINE	5
610868.43	4205931.03	0.02936	9	9	0	ANNUAL	LINE	5
610875.43	4205931.03	0.02878	9	9	0	ANNUAL	LINE	5
610882.43	4205931.03	0.02822	9	9	0	ANNUAL	LINE	5
610889.43	4205931.03	0.02768	9	9	0	ANNUAL	LINE	5
610910.43	4205931.03	0.02618	9	9	0	ANNUAL	LINE	5
610917.43	4205931.03	0.02572	9	9	0	ANNUAL	LINE	5
610924.43	4205931.03	0.02527	9	9	0	ANNUAL	LINE	5
610931.43	4205931.03	0.02484	9	9	0	ANNUAL	LINE	5
610938.43	4205931.03	0.02442	9	9	0	ANNUAL	LINE	5
610945.43	4205931.03	0.02402	9	9	0	ANNUAL	LINE	5
610952.43	4205931.03	0.02362	9	9	0	ANNUAL	LINE	5
610959.43	4205931.03	0.02324	9	9	0	ANNUAL	LINE	5
610966.43	4205931.03	0.02287	9	9	0	ANNUAL	LINE	5
610973.43	4205931.03	0.02251	9	9	0	ANNUAL	LINE	5
611001.43	4205931.03	0.02117	9	9	0	ANNUAL	LINE	5
611008.43	4205931.03	0.02085	9	9	0	ANNUAL	LINE	5
611015.43	4205931.03	0.02055	9	9	0	ANNUAL	LINE	5
611022.43	4205931.03	0.02025	9	9	0	ANNUAL	LINE	5
611029.43	4205931.03	0.01996	9	9	0	ANNUAL	LINE	5
611036.43	4205931.03	0.01967	9	9	0	ANNUAL	LINE	5
611043.43	4205931.03	0.01939	9	9	0	ANNUAL	LINE	5
611050.43	4205931.03	0.01912	9	9	0	ANNUAL	LINE	5
611057.43	4205931.03	0.01886	9	9	0	ANNUAL	LINE	5
611064.43	4205931.03	0.0186	9	9	0	ANNUAL	LINE	5
611071.43	4205931.03	0.01834	9	9	0	ANNUAL	LINE	5
611078.43	4205931.03	0.01809	9	9	0	ANNUAL	LINE	5
611085.43	4205931.03	0.01785	9	9	0	ANNUAL	LINE	5
611092.43	4205931.03	0.01762	9	9	0	ANNUAL	LINE	5
610294.43	4205938.03	0.17345	13.72	13.72	0	ANNUAL	LINE	5
610301.43	4205938.03	0.17207	13.72	13.72	0	ANNUAL	LINE	5
610308.43	4205938.03	0.17066	13.72	13.72	0	ANNUAL	LINE	5
610315.43	4205938.03	0.16921	13.72	13.72	0	ANNUAL	LINE	5
610322.43	4205938.03	0.16771	13.72	13.72	0	ANNUAL	LINE	5
610329.43	4205938.03	0.16618	13.72	13.72	0	ANNUAL	LINE	5
610336.43	4205938.03	0.16461	13.73	13.73	0	ANNUAL	LINE	5
610343.43	4205938.03	0.16301	13.71	13.71	0	ANNUAL	LINE	5
610350.43	4205938.03	0.16143	13.62	13.62	0	ANNUAL	LINE	5
610357.43	4205938.03	0.15981	13.53	13.53	0	ANNUAL	LINE	5
610364.43	4205938.03	0.15816	13.43	13.43	0	ANNUAL	LINE	5
610371.43	4205938.03	0.15647	13.34	13.34	0	ANNUAL	LINE	5
610378.43	4205938.03	0.15474	13.24	13.24	0	ANNUAL	LINE	5
610385.43	4205938.03	0.15297	13.15	13.15	0	ANNUAL	LINE	5
610392.43	4205938.03	0.15117	13.05	13.05	0	ANNUAL	LINE	5
610399.43	4205938.03	0.14933	12.96	12.96	0	ANNUAL	LINE	5
610406.43	4205938.03	0.14746	12.86	12.86	0	ANNUAL	LINE	5
610413.43	4205938.03	0.14554	12.77	12.77	0	ANNUAL	LINE	5
610420.43	4205938.03	0.14359	12.69	12.69	0	ANNUAL	LINE	5
610427.43	4205938.03	0.14159	12.62	12.62	0	ANNUAL	LINE	5
610434.43	4205938.03	0.13956	12.55	12.55	0	ANNUAL	LINE	5
610441.43	4205938.03	0.1375	12.48	12.48	0	ANNUAL	LINE	5
610448.43	4205938.03	0.13538	12.41	12.41	0	ANNUAL	LINE	5
610455.43	4205938.03	0.13323	12.34	12.34	0	ANNUAL	LINE	5

610462.43	4205938.03	0.13105	12.27	12.27	0	ANNUAL	LINE	5
610469.43	4205938.03	0.12885	12.2	12.2	0	ANNUAL	LINE	5
610476.43	4205938.03	0.12661	12.13	12.13	0	ANNUAL	LINE	5
610483.43	4205938.03	0.12435	12.06	12.06	0	ANNUAL	LINE	5
610490.43	4205938.03	0.12206	11.98	11.98	0	ANNUAL	LINE	5
610504.43	4205938.03	0.11746	11.79	11.79	0	ANNUAL	LINE	5
610511.43	4205938.03	0.11513	11.69	11.69	0	ANNUAL	LINE	5
610518.43	4205938.03	0.11278	11.6	11.6	0	ANNUAL	LINE	5
610525.43	4205938.03	0.11043	11.5	11.5	0	ANNUAL	LINE	5
610532.43	4205938.03	0.10806	11.41	11.41	0	ANNUAL	LINE	5
610539.43	4205938.03	0.10569	11.31	11.31	0	ANNUAL	LINE	5
610546.43	4205938.03	0.10332	11.21	11.21	0	ANNUAL	LINE	5
610553.43	4205938.03	0.10094	11.12	11.12	0	ANNUAL	LINE	5
610560.43	4205938.03	0.09858	11.02	11.02	0	ANNUAL	LINE	5
610567.43	4205938.03	0.09621	10.93	10.93	0	ANNUAL	LINE	5
610574.43	4205938.03	0.09386	10.83	10.83	0	ANNUAL	LINE	5
610581.43	4205938.03	0.09152	10.74	10.74	0	ANNUAL	LINE	5
610588.43	4205938.03	0.0892	10.64	10.64	0	ANNUAL	LINE	5
610595.43	4205938.03	0.0869	10.54	10.54	0	ANNUAL	LINE	5
610602.43	4205938.03	0.08462	10.45	10.45	0	ANNUAL	LINE	5
610609.43	4205938.03	0.08237	10.35	10.35	0	ANNUAL	LINE	5
610616.43	4205938.03	0.08014	10.26	10.26	0	ANNUAL	LINE	5
610623.43	4205938.03	0.07793	10.16	10.16	0	ANNUAL	LINE	5
610630.43	4205938.03	0.07576	10.07	10.07	0	ANNUAL	LINE	5
610637.43	4205938.03	0.07362	9.99	9.99	0	ANNUAL	LINE	5
610644.43	4205938.03	0.07151	9.97	9.97	0	ANNUAL	LINE	5
610651.43	4205938.03	0.06944	9.95	9.95	0	ANNUAL	LINE	5
610672.43	4205938.03	0.06348	9.89	9.89	0	ANNUAL	LINE	5
610679.43	4205938.03	0.06159	9.86	9.86	0	ANNUAL	LINE	5
610686.43	4205938.03	0.05974	9.84	9.84	0	ANNUAL	LINE	5
610693.43	4205938.03	0.05795	9.82	9.82	0	ANNUAL	LINE	5
610700.43	4205938.03	0.05621	9.8	9.8	0	ANNUAL	LINE	5
610707.43	4205938.03	0.05452	9.78	9.78	0	ANNUAL	LINE	5
610714.43	4205938.03	0.05289	9.72	9.72	0	ANNUAL	LINE	5
610721.43	4205938.03	0.05131	9.64	9.64	0	ANNUAL	LINE	5
610728.43	4205938.03	0.04979	9.57	9.57	0	ANNUAL	LINE	5
610735.43	4205938.03	0.04832	9.5	9.5	0	ANNUAL	LINE	5
610742.43	4205938.03	0.04691	9.42	9.42	0	ANNUAL	LINE	5
610749.43	4205938.03	0.04556	9.35	9.35	0	ANNUAL	LINE	5
610756.43	4205938.03	0.04427	9.27	9.27	0	ANNUAL	LINE	5
610763.43	4205938.03	0.04303	9.2	9.2	0	ANNUAL	LINE	5
610770.43	4205938.03	0.04184	9.12	9.12	0	ANNUAL	LINE	5
610777.43	4205938.03	0.04071	9.05	9.05	0	ANNUAL	LINE	5
610784.43	4205938.03	0.03962	9	9	0	ANNUAL	LINE	5
610791.43	4205938.03	0.03859	9	9	0	ANNUAL	LINE	5
610798.43	4205938.03	0.0376	9	9	0	ANNUAL	LINE	5
610805.43	4205938.03	0.03666	9	9	0	ANNUAL	LINE	5
610812.43	4205938.03	0.03577	9	9	0	ANNUAL	LINE	5
610819.43	4205938.03	0.03491	9	9	0	ANNUAL	LINE	5
610826.43	4205938.03	0.0341	9	9	0	ANNUAL	LINE	5
610833.43	4205938.03	0.03332	9	9	0	ANNUAL	LINE	5
610840.43	4205938.03	0.03257	9	9	0	ANNUAL	LINE	5
610847.43	4205938.03	0.03186	9	9	0	ANNUAL	LINE	5
610854.43	4205938.03	0.03118	9	9	0	ANNUAL	LINE	5
610861.43	4205938.03	0.03053	9	9	0	ANNUAL	LINE	5
610868.43	4205938.03	0.02991	9	9	0	ANNUAL	LINE	5
610875.43	4205938.03	0.02931	9	9	0	ANNUAL	LINE	5
610882.43	4205938.03	0.02874	9	9	0	ANNUAL	LINE	5
610889.43	4205938.03	0.02819	9	9	0	ANNUAL	LINE	5
610910.43	4205938.03	0.02665	9	9	0	ANNUAL	LINE	5
610917.43	4205938.03	0.02618	9	9	0	ANNUAL	LINE	5
610924.43	4205938.03	0.02572	9	9	0	ANNUAL	LINE	5
610931.43	4205938.03	0.02528	9	9	0	ANNUAL	LINE	5
610938.43	4205938.03	0.02485	9	9	0	ANNUAL	LINE	5
610945.43	4205938.03	0.02444	9	9	0	ANNUAL	LINE	5
610952.43	4205938.03	0.02403	9	9	0	ANNUAL	LINE	5
610959.43	4205938.03	0.02364	9	9	0	ANNUAL	LINE	5
610966.43	4205938.03	0.02326	9	9	0	ANNUAL	LINE	5
610973.43	4205938.03	0.0229	9	9	0	ANNUAL	LINE	5
611001.43	4205938.03	0.02152	9	9	0	ANNUAL	LINE	5
611008.43	4205938.03	0.0212	9	9	0	ANNUAL	LINE	5
611015.43	4205938.03	0.02089	9	9	0	ANNUAL	LINE	5
611022.43	4205938.03	0.02058	9	9	0	ANNUAL	LINE	5
611029.43	4205938.03	0.02028	9	9	0	ANNUAL	LINE	5
611036.43	4205938.03	0.01999	9	9	0	ANNUAL	LINE	5
611043.43	4205938.03	0.0197	9	9	0	ANNUAL	LINE	5
611050.43	4205938.03	0.01943	9	9	0	ANNUAL	LINE	5
611057.43	4205938.03	0.01915	9	9	0	ANNUAL	LINE	5
611064.43	4205938.03	0.01889	9	9	0	ANNUAL	LINE	5
611092.43	4205938.03	0.01789	9	9	0	ANNUAL	LINE	5
610294.43	4205945.03	0.17885	13.64	13.64	0	ANNUAL	LINE	5
610301.43	4205945.03	0.17745	13.65	13.65	0	ANNUAL	LINE	5
610308.43	4205945.03	0.17602	13.65	13.65	0	ANNUAL	LINE	5
610315.43	4205945.03	0.17454	13.65	13.65	0	ANNUAL	LINE	5
610322.43	4205945.03	0.17302	13.65	13.65	0	ANNUAL	LINE	5
610329.43	4205945.03	0.17147	13.65	13.65	0	ANNUAL	LINE	5
610336.43	4205945.03	0.16987	13.65	13.65	0	ANNUAL	LINE	5
610343.43	4205945.03	0.16824	13.64	13.64	0	ANNUAL	LINE	5
610350.43	4205945.03	0.16664	13.54	13.54	0	ANNUAL	LINE	5
610357.43	4205945.03	0.16499	13.45	13.45	0	ANNUAL	LINE	5
610364.43	4205945.03	0.1633	13.35	13.35	0	ANNUAL	LINE	5
610371.43	4205945.03	0.16157	13.26	13.26	0	ANNUAL	LINE	5
610378.43	4205945.03	0.15981	13.16	13.16	0	ANNUAL	LINE	5
610385.43	4205945.03	0.158	13.07	13.07	0	ANNUAL	LINE	5
610392.43	4205945.03	0.15615	12.98	12.98	0	ANNUAL	LINE	5
610399.43	4205945.03	0.15427	12.88	12.88	0	ANNUAL	LINE	5
610406.43	4205945.03	0.15235	12.79	12.79	0	ANNUAL	LINE	5
610413.43	4205945.03	0.1504	12.69	12.69	0	ANNUAL	LINE	5
610420.43	4205945.03	0.14838	12.62	12.62	0	ANNUAL	LINE	5
610427.43	4205945.03	0.14632	12.56	12.56	0	ANNUAL	LINE	5
610434.43	4205945.03	0.14423	12.49	12.49	0	ANNUAL	LINE	5
610441.43	4205945.03	0.14208	12.43	12.43	0	ANNUAL	LINE	5
610448.43	4205945.03	0.1399	12.37	12.37	0	ANNUAL	LINE	5
610455.43	4205945.03	0.13768	12.3	12.3	0	ANNUAL	LINE	5
610462.43	4205945.03	0.13542	12.24	12.24	0	ANNUAL	LINE	5
610469.43	4205945.03	0.13313	12.18	12.18	0	ANNUAL	LINE	5
610476.43	4205945.03	0.13082	12.11	12.11	0	ANNUAL	LINE	5
610483.43	4205945.03	0.12847	12.05	12.05	0	ANNUAL	LINE	5
610490.43	4205945.03	0.1261	11.98	11.98	0	ANNUAL	LINE	5
610504.43	4205945.03	0.12133	11.79	11.79	0	ANNUAL	LINE	5
610511.43	4205945.03	0.11891	11.69	11.69	0	ANNUAL	LINE	5
610518.43	4205945.03	0.11647	11.6	11.6	0	ANNUAL	LINE	5
610525.43	4205945.03	0.11403	11.5	11.5	0	ANNUAL	LINE	5
610532.43	4205945.03	0.11157	11.4	11.4	0	ANNUAL	LINE	5
610539.43	4205945.03	0.10911	11.31	11.31	0	ANNUAL	LINE	5
610546.43	4205945.03	0.10664	11.21	11.21	0	ANNUAL	LINE	5
610553.43	4205945.03	0.10417	11.12	11.12	0	ANNUAL	LINE	5
610560.43	4205945.03	0.1017	11.02	11.02	0	ANNUAL	LINE	5
610567.43	4205945.03	0.09924	10.93	10.93	0	ANNUAL	LINE	5
610574.43	4205945.03	0.09679	10.83	10.83	0	ANNUAL	LINE	5
610581.43	4205945.03	0.09436	10.73	10.73	0	ANNUAL	LINE	5
610588.43	4205945.03	0.09194	10.64	10.64	0	ANNUAL	LINE	5
610595.43	4205945.03	0.08955	10.54	10.54	0	ANNUAL	LINE	5
610602.43	4205945.03	0.08717	10.45	10.45	0	ANNUAL	LINE	5
610609.43	4205945.03	0.08482	10.35	10.35	0	ANNUAL	LINE	5
610616.43	4205945.03	0.08249	10.26	10.26	0	ANNUAL	LINE	5
610623.43	4205945.03	0.0802	10.16	10.16	0	ANNUAL	LINE	5
610630.43	4205945.03	0.07793	10.07	10.07	0	ANNUAL	LINE	5
610637.43	4205945.03	0.0757	9.99	9.99	0	ANNUAL	LINE	5
610644.43	4205945.03	0.07351	9.96	9.96	0	ANNUAL	LINE	5
610651.43	4205945.03	0.07135	9.93	9.93	0	ANNUAL	LINE	5
610658.43	4205945.03	0.06924	9.9	9.9	0	ANNUAL	LINE	5
610679.43	4205945.03	0.06318	9.82	9.82	0	ANNUAL	LINE	5
610686.43	4205945.03	0.06126	9.79	9.79	0	ANNUAL	LINE	5
610693.43	4205945.03	0.0594	9.76	9.76	0	ANNUAL	LINE	5
610700.43	4205945.03	0.05759	9.74	9.74	0	ANNUAL	LINE	5
610707.43	4205945.03	0.05584	9.71	9.71	0	ANNUAL	LINE	5
610714.43	4205945.03	0.05415	9.65	9.65	0	ANNUAL	LINE	5
610721.43	4205945.03	0.05251	9.58	9.58	0	ANNUAL	LINE	5
610728.43	4205945.03	0.05094	9.51	9.51	0	ANNUAL	LINE	5
610735.43	4205945.03	0.04942	9.45	9.45	0	ANNUAL	LINE	5
610742.43	4205945.03	0.04795	9.38	9.38	0	ANNUAL	LINE	5
610749.43	4205945.03	0.04657	9.31	9.31	0	ANNUAL	LINE	5
610756.43	4205945.03	0.04523	9.24	9.24	0	ANNUAL	LINE	5
610763.43	4205945.03	0.04395	9.18	9.18	0	ANNUAL	LINE	5
610770.43	4205945.03	0.04273	9.11	9.11	0	ANNUAL	LINE	5
610777.43	4205945.03	0.04156	9.04	9.04	0	ANNUAL	LINE	5
610784.43	4205945.03	0.04044	9	9	0	ANNUAL	LINE	5
610791.43	4205945.03	0.03938	9	9	0	ANNUAL	LINE	5
610798.43	4205945.03	0.03837	9	9	0	ANNUAL	LINE	5
610805.43	4205945.03	0.0374	9	9	0	ANNUAL	LINE	5
610812.43	4205945.03	0.03648	9	9	0	ANNUAL	LINE	5
610819.43	4205945.03	0.0356	9	9	0	ANNUAL	LINE	5
610826.43	4205945.03	0.03476	9	9	0	ANNUAL	LINE	5
610833.43	4205945.03	0.03397	9	9	0	ANNUAL	LINE	5
610840.43	4205945.03	0.0332	9	9	0	ANNUAL	LINE	5
610847.43	4205945.03	0.03247	9	9	0	ANNUAL	LINE	5
610854.43	4205945.03	0.03178	9	9	0	ANNUAL	LINE	5
610861.43	4205945.03	0.03111	9	9	0	ANNUAL	LINE	5
610868.43	4205945.03	0.03047	9	9	0	ANNUAL	LINE	5
610875.43	4205945.03	0.02986	9	9	0	ANNUAL	LINE	5
610882.43	4205945.03	0.02927	9	9	0	ANNUAL	LINE	5
610910.43	4205945.03	0.02714	9	9	0	ANNUAL	LINE	5
610917.43	4205945.03	0.02666	9	9	0	ANNUAL	LINE	5
610924.43	4205945.03	0.02619	9	9	0	ANNUAL	LINE	5
610931.43	4205945.03	0.02573	9	9	0	ANNUAL	LINE	5
610938.43	4205945.03	0.0253	9	9	0	ANNUAL	LINE	5
610945.43	4205945.03	0.02487	9	9	0	ANNUAL	LINE	5
610952.43	4205945.03	0.02446	9	9	0	ANNUAL	LINE	5
610959.43	4205945.03	0.02406	9	9	0	ANNUAL	LINE	5
610966.43	4205945.03	0.02367	9	9	0	ANNUAL	LINE	5
610973.43	4205945.03	0.02329	9	9	0	ANNUAL	LINE	5
611001.43	4205945.03	0.02189	9	9	0	ANNUAL	LINE	5
611008.43	4205945.03	0.02156	9	9	0	ANNUAL	LINE	5
611015.43	4205945.03	0.02123	9	9	0	ANNUAL	LINE	5
611022.43	4205945.03	0.02092	9	9	0	ANNUAL	LINE	5
611029.43	4205945.03	0.02061	9	9	0	ANNUAL	LINE	5
611036.43	4205945.03	0.02032	9	9	0	ANNUAL	LINE	5
611043.43	4205945.03	0.02003	9	9	0	ANNUAL	LINE	5
611050.43	4205945.03	0.01974	9	9	0	ANNUAL	LINE	5
611057.43	4205945.03	0.01946	9	9	0	ANNUAL	LINE	5
611064.43	4205945.03	0.01919	9	9	0	ANNUAL	LINE	5
611092.43	4205945.03	0.01817	9	9	0	ANNUAL	LINE	5
610294.43	4205952.03	0.1845	13.57	13.57	0	ANNUAL	LINE	5
610301.43	4205952.03	0.18308	13.57	13.57	0	ANNUAL	LINE	5
610308.43	4205952.03	0.18162	13.57	13.57	0	ANNUAL	LINE	5
610315.43	4205952.03	0.18013	13.57	13.57	0	ANNUAL	LINE	5
610322.43	4205952.03	0.17859	13.57	13.57	0	ANNUAL	LINE	5
610329.43	4205952.03	0.177	13.57	13.57	0	ANNUAL	LINE	5
610336.43	4205952.03	0.17538	13.57	13.57	0	ANNUAL	LINE	5
610343.43	4205952.03	0.17371	13.56	13.56	0	ANNUAL	LINE	5
610350.43	4205952.03	0.17208	13.47	13.47	0	ANNUAL	LINE	5
610357.43	4205952.03	0.1704	13.37	13.37	0	ANNUAL	LINE	5
610364.43	4205952.03	0.16868	13.28	13.28	0	ANNUAL	LINE	5
610371.43	4205952.03	0.16692	13.18	13.18	0	ANNUAL	LINE	5
610378.43	4205952.03	0.16512	13.09	13.09	0	ANNUAL	LINE	5
610385.43	4205952.03	0.16328	12.99	12.99	0	ANNUAL	LINE	5
610392.43	4205952.03	0.16138	12.9	12.9	0	ANNUAL	LINE	5
610399.43	4205952.03	0.15946	12.8	12.8	0	ANNUAL	LINE	5
610406.43	4205952.03	0.15749	12.71	12.71	0	ANNUAL	LINE	5
610413.43	4205952.03	0.15549	12.61	12.61	0	ANNUAL	LINE	5
610420.43	4205952.03	0.15342	12.55	12.55	0	ANNUAL	LINE	5
610427.43	4205952.03	0.1513	12.49	12.49	0	ANNUAL	LINE	5
610434.43	4205952.03	0.14912	12.44	12.44	0	ANNUAL	LINE	5
610441.43	4205952.03	0.1469	12.38	12.38	0	ANNUAL	LINE	5
610448.43	4205952.03	0.14464	12.33	12.33	0	ANNUAL	LINE	5
610455.43	4205952.03	0.14235	12.27	12.27	0	ANNUAL	LINE	5
610462.43	4205952.03	0.14002	12.21	12.21	0	ANNUAL	LINE	5
610469.43	4205952.03	0.13764	12.16	12.16	0	ANNUAL	LINE	5
610476.43	4205952.03	0.13524	12.1	12.1	0	ANNUAL	LINE	5
610483.43	4205952.03	0.13281	12.04	12.04	0	ANNUAL	LINE	5

610490.43	4205952.03	0.13035	11.98	11.98	0	ANNUAL	LINE	5
610504.43	4205952.03	0.1254	11.79	11.79	0	ANNUAL	LINE	5
610511.43	4205952.03	0.12283	11.69	11.69	0	ANNUAL	LINE	5
610518.43	4205952.03	0.12036	11.59	11.59	0	ANNUAL	LINE	5
610525.43	4205952.03	0.11782	11.5	11.5	0	ANNUAL	LINE	5
610532.43	4205952.03	0.11527	11.4	11.4	0	ANNUAL	LINE	5
610539.43	4205952.03	0.1127	11.31	11.31	0	ANNUAL	LINE	5
610546.43	4205952.03	0.11013	11.21	11.21	0	ANNUAL	LINE	5
610553.43	4205952.03	0.10756	11.12	11.12	0	ANNUAL	LINE	5
610560.43	4205952.03	0.10499	11.02	11.02	0	ANNUAL	LINE	5
610567.43	4205952.03	0.10243	10.92	10.92	0	ANNUAL	LINE	5
610574.43	4205952.03	0.09988	10.83	10.83	0	ANNUAL	LINE	5
610581.43	4205952.03	0.09734	10.73	10.73	0	ANNUAL	LINE	5
610588.43	4205952.03	0.09482	10.64	10.64	0	ANNUAL	LINE	5
610595.43	4205952.03	0.09232	10.54	10.54	0	ANNUAL	LINE	5
610602.43	4205952.03	0.08984	10.45	10.45	0	ANNUAL	LINE	5
610609.43	4205952.03	0.08739	10.35	10.35	0	ANNUAL	LINE	5
610616.43	4205952.03	0.08497	10.26	10.26	0	ANNUAL	LINE	5
610623.43	4205952.03	0.08258	10.16	10.16	0	ANNUAL	LINE	5
610630.43	4205952.03	0.08022	10.06	10.06	0	ANNUAL	LINE	5
610637.43	4205952.03	0.07789	9.99	9.99	0	ANNUAL	LINE	5
610644.43	4205952.03	0.0756	9.95	9.95	0	ANNUAL	LINE	5
610651.43	4205952.03	0.07335	9.92	9.92	0	ANNUAL	LINE	5
610658.43	4205952.03	0.07115	9.88	9.88	0	ANNUAL	LINE	5
610686.43	4205952.03	0.06286	9.74	9.74	0	ANNUAL	LINE	5
610693.43	4205952.03	0.06092	9.7	9.7	0	ANNUAL	LINE	5
610700.43	4205952.03	0.05904	9.67	9.67	0	ANNUAL	LINE	5
610707.43	4205952.03	0.05722	9.63	9.63	0	ANNUAL	LINE	5
610714.43	4205952.03	0.05546	9.58	9.58	0	ANNUAL	LINE	5
610721.43	4205952.03	0.05376	9.52	9.52	0	ANNUAL	LINE	5
610728.43	4205952.03	0.05213	9.46	9.46	0	ANNUAL	LINE	5
610735.43	4205952.03	0.05056	9.4	9.4	0	ANNUAL	LINE	5
610742.43	4205952.03	0.04905	9.34	9.34	0	ANNUAL	LINE	5
610749.43	4205952.03	0.04761	9.28	9.28	0	ANNUAL	LINE	5
610756.43	4205952.03	0.04623	9.22	9.22	0	ANNUAL	LINE	5
610763.43	4205952.03	0.04491	9.16	9.16	0	ANNUAL	LINE	5
610770.43	4205952.03	0.04365	9.1	9.1	0	ANNUAL	LINE	5
610777.43	4205952.03	0.04244	9.04	9.04	0	ANNUAL	LINE	5
610784.43	4205952.03	0.04129	9	9	0	ANNUAL	LINE	5
610791.43	4205952.03	0.0402	9	9	0	ANNUAL	LINE	5
610798.43	4205952.03	0.03916	9	9	0	ANNUAL	LINE	5
610805.43	4205952.03	0.03816	9	9	0	ANNUAL	LINE	5
610812.43	4205952.03	0.03722	9	9	0	ANNUAL	LINE	5
610819.43	4205952.03	0.03632	9	9	0	ANNUAL	LINE	5
610826.43	4205952.03	0.03546	9	9	0	ANNUAL	LINE	5
610833.43	4205952.03	0.03464	9	9	0	ANNUAL	LINE	5
610840.43	4205952.03	0.03386	9	9	0	ANNUAL	LINE	5
610847.43	4205952.03	0.03311	9	9	0	ANNUAL	LINE	5
610854.43	4205952.03	0.0324	9	9	0	ANNUAL	LINE	5
610861.43	4205952.03	0.03171	9	9	0	ANNUAL	LINE	5
610868.43	4205952.03	0.03106	9	9	0	ANNUAL	LINE	5
610875.43	4205952.03	0.03043	9	9	0	ANNUAL	LINE	5
610910.43	4205952.03	0.02765	9	9	0	ANNUAL	LINE	5
610917.43	4205952.03	0.02715	9	9	0	ANNUAL	LINE	5
610924.43	4205952.03	0.02667	9	9	0	ANNUAL	LINE	5
610931.43	4205952.03	0.02621	9	9	0	ANNUAL	LINE	5
610938.43	4205952.03	0.02576	9	9	0	ANNUAL	LINE	5
610945.43	4205952.03	0.02532	9	9	0	ANNUAL	LINE	5
610952.43	4205952.03	0.0249	9	9	0	ANNUAL	LINE	5
610959.43	4205952.03	0.02449	9	9	0	ANNUAL	LINE	5
610966.43	4205952.03	0.02409	9	9	0	ANNUAL	LINE	5
610973.43	4205952.03	0.0237	9	9	0	ANNUAL	LINE	5
611001.43	4205952.03	0.02226	9	9	0	ANNUAL	LINE	5
611008.43	4205952.03	0.02192	9	9	0	ANNUAL	LINE	5
611015.43	4205952.03	0.02159	9	9	0	ANNUAL	LINE	5
611022.43	4205952.03	0.02127	9	9	0	ANNUAL	LINE	5
611029.43	4205952.03	0.02096	9	9	0	ANNUAL	LINE	5
611036.43	4205952.03	0.02065	9	9	0	ANNUAL	LINE	5
611043.43	4205952.03	0.02036	9	9	0	ANNUAL	LINE	5
611050.43	4205952.03	0.02007	9	9	0	ANNUAL	LINE	5
611057.43	4205952.03	0.01978	9	9	0	ANNUAL	LINE	5
611064.43	4205952.03	0.0195	9	9	0	ANNUAL	LINE	5
611092.43	4205952.03	0.01846	9	9	0	ANNUAL	LINE	5
610294.43	4205959.03	0.1904	13.49	13.49	0	ANNUAL	LINE	5
610301.43	4205959.03	0.18897	13.49	13.49	0	ANNUAL	LINE	5
610308.43	4205959.03	0.18749	13.49	13.49	0	ANNUAL	LINE	5
610315.43	4205959.03	0.18596	13.5	13.5	0	ANNUAL	LINE	5
610322.43	4205959.03	0.1844	13.5	13.5	0	ANNUAL	LINE	5
610329.43	4205959.03	0.18279	13.5	13.5	0	ANNUAL	LINE	5
610336.43	4205959.03	0.18114	13.5	13.5	0	ANNUAL	LINE	5
610343.43	4205959.03	0.17945	13.48	13.48	0	ANNUAL	LINE	5
610350.43	4205959.03	0.17779	13.39	13.39	0	ANNUAL	LINE	5
610357.43	4205959.03	0.17608	13.29	13.29	0	ANNUAL	LINE	5
610364.43	4205959.03	0.17433	13.2	13.2	0	ANNUAL	LINE	5
610371.43	4205959.03	0.17253	13.11	13.11	0	ANNUAL	LINE	5
610378.43	4205959.03	0.17069	13.01	13.01	0	ANNUAL	LINE	5
610385.43	4205959.03	0.1688	12.92	12.92	0	ANNUAL	LINE	5
610392.43	4205959.03	0.16688	12.82	12.82	0	ANNUAL	LINE	5
610399.43	4205959.03	0.1649	12.73	12.73	0	ANNUAL	LINE	5
610406.43	4205959.03	0.1629	12.63	12.63	0	ANNUAL	LINE	5
610413.43	4205959.03	0.16084	12.54	12.54	0	ANNUAL	LINE	5
610420.43	4205959.03	0.15871	12.48	12.48	0	ANNUAL	LINE	5
610427.43	4205959.03	0.15651	12.43	12.43	0	ANNUAL	LINE	5
610434.43	4205959.03	0.15426	12.38	12.38	0	ANNUAL	LINE	5
610441.43	4205959.03	0.15197	12.33	12.33	0	ANNUAL	LINE	5
610448.43	4205959.03	0.14964	12.28	12.28	0	ANNUAL	LINE	5
610455.43	4205959.03	0.14726	12.23	12.23	0	ANNUAL	LINE	5
610462.43	4205959.03	0.14484	12.19	12.19	0	ANNUAL	LINE	5
610469.43	4205959.03	0.14239	12.14	12.14	0	ANNUAL	LINE	5
610476.43	4205959.03	0.1399	12.09	12.09	0	ANNUAL	LINE	5
610483.43	4205959.03	0.13738	12.04	12.04	0	ANNUAL	LINE	5
610490.43	4205959.03	0.13483	11.98	11.98	0	ANNUAL	LINE	5
610504.43	4205959.03	0.1297	11.78	11.78	0	ANNUAL	LINE	5
610511.43	4205959.03	0.12709	11.69	11.69	0	ANNUAL	LINE	5
610518.43	4205959.03	0.12446	11.59	11.59	0	ANNUAL	LINE	5
610525.43	4205959.03	0.12181	11.5	11.5	0	ANNUAL	LINE	5
610532.43	4205959.03	0.11916	11.4	11.4	0	ANNUAL	LINE	5
610539.43	4205959.03	0.11649	11.31	11.31	0	ANNUAL	LINE	5
610546.43	4205959.03	0.11381	11.21	11.21	0	ANNUAL	LINE	5
610553.43	4205959.03	0.11113	11.11	11.11	0	ANNUAL	LINE	5
610560.43	4205959.03	0.10846	11.02	11.02	0	ANNUAL	LINE	5
610567.43	4205959.03	0.10579	10.92	10.92	0	ANNUAL	LINE	5
610574.43	4205959.03	0.10313	10.83	10.83	0	ANNUAL	LINE	5
610581.43	4205959.03	0.10048	10.73	10.73	0	ANNUAL	LINE	5
610588.43	4205959.03	0.09785	10.64	10.64	0	ANNUAL	LINE	5
610595.43	4205959.03	0.09524	10.54	10.54	0	ANNUAL	LINE	5
610602.43	4205959.03	0.09266	10.45	10.45	0	ANNUAL	LINE	5
610609.43	4205959.03	0.0901	10.35	10.35	0	ANNUAL	LINE	5
610616.43	4205959.03	0.08757	10.25	10.25	0	ANNUAL	LINE	5
610623.43	4205959.03	0.08508	10.16	10.16	0	ANNUAL	LINE	5
610630.43	4205959.03	0.08261	10.06	10.06	0	ANNUAL	LINE	5
610637.43	4205959.03	0.08018	9.98	9.98	0	ANNUAL	LINE	5
610644.43	4205959.03	0.0778	9.94	9.94	0	ANNUAL	LINE	5
610651.43	4205959.03	0.07546	9.9	9.9	0	ANNUAL	LINE	5
610658.43	4205959.03	0.07316	9.85	9.85	0	ANNUAL	LINE	5
610686.43	4205959.03	0.06452	9.68	9.68	0	ANNUAL	LINE	5
610693.43	4205959.03	0.0625	9.64	9.64	0	ANNUAL	LINE	5
610700.43	4205959.03	0.06055	9.6	9.6	0	ANNUAL	LINE	5
610707.43	4205959.03	0.05866	9.56	9.56	0	ANNUAL	LINE	5
610714.43	4205959.03	0.05683	9.51	9.51	0	ANNUAL	LINE	5
610721.43	4205959.03	0.05507	9.45	9.45	0	ANNUAL	LINE	5
610728.43	4205959.03	0.05338	9.4	9.4	0	ANNUAL	LINE	5
610735.43	4205959.03	0.05175	9.35	9.35	0	ANNUAL	LINE	5
610742.43	4205959.03	0.05019	9.3	9.3	0	ANNUAL	LINE	5
610749.43	4205959.03	0.0487	9.24	9.24	0	ANNUAL	LINE	5
610756.43	4205959.03	0.04727	9.19	9.19	0	ANNUAL	LINE	5
610763.43	4205959.03	0.0459	9.14	9.14	0	ANNUAL	LINE	5
610770.43	4205959.03	0.0446	9.08	9.08	0	ANNUAL	LINE	5
610777.43	4205959.03	0.04336	9.03	9.03	0	ANNUAL	LINE	5
610784.43	4205959.03	0.04218	9	9	0	ANNUAL	LINE	5
610791.43	4205959.03	0.04105	9	9	0	ANNUAL	LINE	5
610798.43	4205959.03	0.03998	9	9	0	ANNUAL	LINE	5
610805.43	4205959.03	0.03896	9	9	0	ANNUAL	LINE	5
610812.43	4205959.03	0.03799	9	9	0	ANNUAL	LINE	5
610819.43	4205959.03	0.03706	9	9	0	ANNUAL	LINE	5
610826.43	4205959.03	0.03618	9	9	0	ANNUAL	LINE	5
610833.43	4205959.03	0.03534	9	9	0	ANNUAL	LINE	5
610840.43	4205959.03	0.03453	9	9	0	ANNUAL	LINE	5
610847.43	4205959.03	0.03377	9	9	0	ANNUAL	LINE	5
610854.43	4205959.03	0.03304	9	9	0	ANNUAL	LINE	5
610861.43	4205959.03	0.03234	9	9	0	ANNUAL	LINE	5
610868.43	4205959.03	0.03167	9	9	0	ANNUAL	LINE	5
610875.43	4205959.03	0.03102	9	9	0	ANNUAL	LINE	5
610882.43	4205959.03	0.03041	9	9	0	ANNUAL	LINE	5
610910.43	4205959.03	0.02817	9	9	0	ANNUAL	LINE	5
610917.43	4205959.03	0.02766	9	9	0	ANNUAL	LINE	5
610924.43	4205959.03	0.02717	9	9	0	ANNUAL	LINE	5
610931.43	4205959.03	0.02669	9	9	0	ANNUAL	LINE	5
610938.43	4205959.03	0.02623	9	9	0	ANNUAL	LINE	5
610945.43	4205959.03	0.02579	9	9	0	ANNUAL	LINE	5
610952.43	4205959.03	0.02535	9	9	0	ANNUAL	LINE	5
610959.43	4205959.03	0.02493	9	9	0	ANNUAL	LINE	5
610966.43	4205959.03	0.02453	9	9	0	ANNUAL	LINE	5
610973.43	4205959.03	0.02413	9	9	0	ANNUAL	LINE	5
611001.43	4205959.03	0.02265	9	9	0	ANNUAL	LINE	5
611008.43	4205959.03	0.0223	9	9	0	ANNUAL	LINE	5
611015.43	4205959.03	0.02197	9	9	0	ANNUAL	LINE	5
611022.43	4205959.03	0.02164	9	9	0	ANNUAL	LINE	5
611029.43	4205959.03	0.02132	9	9	0	ANNUAL	LINE	5
611036.43	4205959.03	0.021	9	9	0	ANNUAL	LINE	5
611043.43	4205959.03	0.0207	9	9	0	ANNUAL	LINE	5
611050.43	4205959.03	0.0204	9	9	0	ANNUAL	LINE	5
611057.43	4205959.03	0.02011	9	9	0	ANNUAL	LINE	5
611064.43	4205959.03	0.01983	9	9	0	ANNUAL	LINE	5
611071.43	4205959.03	0.01955	9	9	0	ANNUAL	LINE	5
611085.43	4205959.03	0.01902	9	9	0	ANNUAL	LINE	5
611092.43	4205959.03	0.01876	9	9	0	ANNUAL	LINE	5
610294.43	4205966.03	0.19658	13.42	13.42	0	ANNUAL	LINE	5
610301.43	4205966.03	0.19513	13.42	13.42	0	ANNUAL	LINE	5
610308.43	4205966.03	0.19363	13.42	13.42	0	ANNUAL	LINE	5
610315.43	4205966.03	0.19209	13.42	13.42	0	ANNUAL	LINE	5
610322.43	4205966.03	0.1905	13.42	13.42	0	ANNUAL	LINE	5
610329.43	4205966.03	0.18886	13.42	13.42	0	ANNUAL	LINE	5
610336.43	4205966.03	0.18718	13.42	13.42	0	ANNUAL	LINE	5
610343.43	4205966.03	0.18546	13.41	13.41	0	ANNUAL	LINE	5
610350.43	4205966.03	0.18378	13.31	13.31	0	ANNUAL	LINE	5
610357.43	4205966.03	0.18203	13.22	13.22	0	ANNUAL	LINE	5
610364.43	4205966.03	0.18025	13.12	13.12	0	ANNUAL	LINE	5
610371.43	4205966.03	0.17842	13.03	13.03	0	ANNUAL	LINE	5
610378.43	4205966.03	0.17655	12.93	12.93	0	ANNUAL	LINE	5
610385.43	4205966.03	0.17462	12.84	12.84	0	ANNUAL	LINE	5
610392.43	4205966.03	0.17265	12.74	12.74	0	ANNUAL	LINE	5
610399.43	4205966.03	0.17063	12.65	12.65	0	ANNUAL	LINE	5
610406.43	4205966.03	0.16857	12.56	12.56	0	ANNUAL	LINE	5
610413.43	4205966.03	0.16647	12.46	12.46	0	ANNUAL	LINE	5
610420.43	4205966.03	0.16425	12.41	12.41	0	ANNUAL	LINE	5
610427.43	4205966.03	0.16199	12.36	12.36	0	ANNUAL	LINE	5
610434.43	4205966.03	0.15967	12.32	12.32	0	ANNUAL	LINE	5
610441.43	4205966.03	0.15731	12.28	12.28	0	ANNUAL	LINE	5
610448.43	4205966.03	0.15489	12.24	12.24	0	ANNUAL	LINE	5
610455.43	4205966.03	0.15243	12.2	12.2	0	ANNUAL	LINE	5
610462.43	4205966.03	0.14993	12.16	12.16	0	ANNUAL	LINE	5
610469.43	4205966.03	0.14739	12.12	12.12	0	ANNUAL	LINE	5
610476.43	4205966.03	0.14481	12.07	12.07	0	ANNUAL	LINE	5
610483.43	4205966.03	0.1422	12.03	12.03	0	ANNUAL	LINE	5
610490.43	4205966.03	0.13956	11.97	11.97	0	ANNUAL	LINE	5
610504.43	4205966.03	0.13422	11.78	11.78	0	ANNUAL	LINE	5
610511.43	4205966.03	0.13151	11.69	11.69	0	ANNUAL	LINE	5
610518.43	4205966.03	0.12878	11.59	11.59	0	ANNUAL	LINE	5
610525.43	4205966.03	0.12603	11.5	11.5	0	ANNUAL	LINE	5
610532.43	4205966.03	0.12326	11.4	11.4	0	ANNUAL	LINE	5

610539.43	4205966.03	0.12048	11.3	11.3	0	ANNUAL	LINE	5
610546.43	4205966.03	0.11769	11.21	11.21	0	ANNUAL	LINE	5
610553.43	4205966.03	0.1149	11.11	11.11	0	ANNUAL	LINE	5
610560.43	4205966.03	0.11211	11.02	11.02	0	ANNUAL	LINE	5
610567.43	4205966.03	0.10933	10.92	10.92	0	ANNUAL	LINE	5
610574.43	4205966.03	0.10655	10.83	10.83	0	ANNUAL	LINE	5
610581.43	4205966.03	0.10379	10.73	10.73	0	ANNUAL	LINE	5
610588.43	4205966.03	0.10105	10.64	10.64	0	ANNUAL	LINE	5
610595.43	4205966.03	0.09832	10.54	10.54	0	ANNUAL	LINE	5
610602.43	4205966.03	0.09562	10.44	10.44	0	ANNUAL	LINE	5
610609.43	4205966.03	0.09295	10.35	10.35	0	ANNUAL	LINE	5
610616.43	4205966.03	0.09031	10.25	10.25	0	ANNUAL	LINE	5
610623.43	4205966.03	0.0877	10.16	10.16	0	ANNUAL	LINE	5
610630.43	4205966.03	0.08513	10.06	10.06	0	ANNUAL	LINE	5
610637.43	4205966.03	0.0826	9.98	9.98	0	ANNUAL	LINE	5
610644.43	4205966.03	0.0801	9.93	9.93	0	ANNUAL	LINE	5
610651.43	4205966.03	0.07766	9.88	9.88	0	ANNUAL	LINE	5
610658.43	4205966.03	0.07527	9.83	9.83	0	ANNUAL	LINE	5
610665.43	4205966.03	0.07293	9.78	9.78	0	ANNUAL	LINE	5
610686.43	4205966.03	0.06626	9.63	9.63	0	ANNUAL	LINE	5
610693.43	4205966.03	0.06416	9.58	9.58	0	ANNUAL	LINE	5
610700.43	4205966.03	0.06212	9.53	9.53	0	ANNUAL	LINE	5
610707.43	4205966.03	0.06016	9.48	9.48	0	ANNUAL	LINE	5
610714.43	4205966.03	0.05826	9.44	9.44	0	ANNUAL	LINE	5
610721.43	4205966.03	0.05643	9.39	9.39	0	ANNUAL	LINE	5
610728.43	4205966.03	0.05467	9.35	9.35	0	ANNUAL	LINE	5
610735.43	4205966.03	0.05299	9.3	9.3	0	ANNUAL	LINE	5
610742.43	4205966.03	0.05137	9.26	9.26	0	ANNUAL	LINE	5
610749.43	4205966.03	0.04983	9.21	9.21	0	ANNUAL	LINE	5
610756.43	4205966.03	0.04835	9.16	9.16	0	ANNUAL	LINE	5
610763.43	4205966.03	0.04694	9.12	9.12	0	ANNUAL	LINE	5
610770.43	4205966.03	0.04559	9.07	9.07	0	ANNUAL	LINE	5
610777.43	4205966.03	0.04431	9.03	9.03	0	ANNUAL	LINE	5
610784.43	4205966.03	0.04309	9	9	0	ANNUAL	LINE	5
610791.43	4205966.03	0.04193	9	9	0	ANNUAL	LINE	5
610798.43	4205966.03	0.04083	9	9	0	ANNUAL	LINE	5
610805.43	4205966.03	0.03978	9	9	0	ANNUAL	LINE	5
610812.43	4205966.03	0.03878	9	9	0	ANNUAL	LINE	5
610819.43	4205966.03	0.03783	9	9	0	ANNUAL	LINE	5
610826.43	4205966.03	0.03692	9	9	0	ANNUAL	LINE	5
610833.43	4205966.03	0.03606	9	9	0	ANNUAL	LINE	5
610840.43	4205966.03	0.03524	9	9	0	ANNUAL	LINE	5
610847.43	4205966.03	0.03445	9	9	0	ANNUAL	LINE	5
610854.43	4205966.03	0.0337	9	9	0	ANNUAL	LINE	5
610861.43	4205966.03	0.03298	9	9	0	ANNUAL	LINE	5
610868.43	4205966.03	0.0323	9	9	0	ANNUAL	LINE	5
610875.43	4205966.03	0.03164	9	9	0	ANNUAL	LINE	5
610882.43	4205966.03	0.03101	9	9	0	ANNUAL	LINE	5
610889.43	4205966.03	0.0304	9	9	0	ANNUAL	LINE	5
610896.43	4205966.03	0.02982	9	9	0	ANNUAL	LINE	5
610903.43	4205966.03	0.02925	9	9	0	ANNUAL	LINE	5
610910.43	4205966.03	0.02871	9	9	0	ANNUAL	LINE	5
610917.43	4205966.03	0.02819	9	9	0	ANNUAL	LINE	5
610924.43	4205966.03	0.02769	9	9	0	ANNUAL	LINE	5
610931.43	4205966.03	0.0272	9	9	0	ANNUAL	LINE	5
610938.43	4205966.03	0.02672	9	9	0	ANNUAL	LINE	5
610945.43	4205966.03	0.02627	9	9	0	ANNUAL	LINE	5
610952.43	4205966.03	0.02582	9	9	0	ANNUAL	LINE	5
610959.43	4205966.03	0.02539	9	9	0	ANNUAL	LINE	5
610966.43	4205966.03	0.02497	9	9	0	ANNUAL	LINE	5
610973.43	4205966.03	0.02457	9	9	0	ANNUAL	LINE	5
611001.43	4205966.03	0.02305	9	9	0	ANNUAL	LINE	5
611008.43	4205966.03	0.0227	9	9	0	ANNUAL	LINE	5
611015.43	4205966.03	0.02235	9	9	0	ANNUAL	LINE	5
611022.43	4205966.03	0.02201	9	9	0	ANNUAL	LINE	5
611029.43	4205966.03	0.02169	9	9	0	ANNUAL	LINE	5
611036.43	4205966.03	0.02137	9	9	0	ANNUAL	LINE	5
611043.43	4205966.03	0.02105	9	9	0	ANNUAL	LINE	5
611050.43	4205966.03	0.02075	9	9	0	ANNUAL	LINE	5
611057.43	4205966.03	0.02045	9	9	0	ANNUAL	LINE	5
611064.43	4205966.03	0.02016	9	9	0	ANNUAL	LINE	5
611071.43	4205966.03	0.01988	9	9	0	ANNUAL	LINE	5
611092.43	4205966.03	0.01907	9	9	0	ANNUAL	LINE	5
610294.43	4205973.03	0.20305	13.34	13.34	0	ANNUAL	LINE	5
610301.43	4205973.03	0.20158	13.34	13.34	0	ANNUAL	LINE	5
610308.43	4205973.03	0.20006	13.34	13.34	0	ANNUAL	LINE	5
610315.43	4205973.03	0.1985	13.34	13.34	0	ANNUAL	LINE	5
610322.43	4205973.03	0.19688	13.35	13.35	0	ANNUAL	LINE	5
610329.43	4205973.03	0.19522	13.35	13.35	0	ANNUAL	LINE	5
610336.43	4205973.03	0.19351	13.35	13.35	0	ANNUAL	LINE	5
610343.43	4205973.03	0.19177	13.33	13.33	0	ANNUAL	LINE	5
610350.43	4205973.03	0.19005	13.24	13.24	0	ANNUAL	LINE	5
610357.43	4205973.03	0.18829	13.14	13.14	0	ANNUAL	LINE	5
610364.43	4205973.03	0.18647	13.05	13.05	0	ANNUAL	LINE	5
610371.43	4205973.03	0.1846	12.95	12.95	0	ANNUAL	LINE	5
610378.43	4205973.03	0.18269	12.86	12.86	0	ANNUAL	LINE	5
610385.43	4205973.03	0.18073	12.76	12.76	0	ANNUAL	LINE	5
610392.43	4205973.03	0.17871	12.67	12.67	0	ANNUAL	LINE	5
610399.43	4205973.03	0.17666	12.57	12.57	0	ANNUAL	LINE	5
610406.43	4205973.03	0.17455	12.48	12.48	0	ANNUAL	LINE	5
610413.43	4205973.03	0.17238	12.38	12.38	0	ANNUAL	LINE	5
610420.43	4205973.03	0.1701	12.33	12.33	0	ANNUAL	LINE	5
610427.43	4205973.03	0.16776	12.3	12.3	0	ANNUAL	LINE	5
610434.43	4205973.03	0.16536	12.27	12.27	0	ANNUAL	LINE	5
610441.43	4205973.03	0.16293	12.23	12.23	0	ANNUAL	LINE	5
610448.43	4205973.03	0.16043	12.2	12.2	0	ANNUAL	LINE	5
610455.43	4205973.03	0.15789	12.16	12.16	0	ANNUAL	LINE	5
610462.43	4205973.03	0.1553	12.13	12.13	0	ANNUAL	LINE	5
610469.43	4205973.03	0.15266	12.1	12.1	0	ANNUAL	LINE	5
610476.43	4205973.03	0.14999	12.06	12.06	0	ANNUAL	LINE	5
610483.43	4205973.03	0.14727	12.03	12.03	0	ANNUAL	LINE	5
610490.43	4205973.03	0.14453	11.97	11.97	0	ANNUAL	LINE	5
610504.43	4205973.03	0.139	11.78	11.78	0	ANNUAL	LINE	5
610511.43	4205973.03	0.13618	11.69	11.69	0	ANNUAL	LINE	5
610518.43	4205973.03	0.13334	11.59	11.59	0	ANNUAL	LINE	5
610525.43	4205973.03	0.13048	11.49	11.49	0	ANNUAL	LINE	5
610532.43	4205973.03	0.1276	11.4	11.4	0	ANNUAL	LINE	5
610539.43	4205973.03	0.1247	11.3	11.3	0	ANNUAL	LINE	5
610546.43	4205973.03	0.12179	11.21	11.21	0	ANNUAL	LINE	5
610553.43	4205973.03	0.11888	11.11	11.11	0	ANNUAL	LINE	5
610560.43	4205973.03	0.11597	11.02	11.02	0	ANNUAL	LINE	5
610567.43	4205973.03	0.11306	10.92	10.92	0	ANNUAL	LINE	5
610574.43	4205973.03	0.11016	10.83	10.83	0	ANNUAL	LINE	5
610581.43	4205973.03	0.10728	10.73	10.73	0	ANNUAL	LINE	5
610588.43	4205973.03	0.10442	10.63	10.63	0	ANNUAL	LINE	5
610595.43	4205973.03	0.10157	10.54	10.54	0	ANNUAL	LINE	5
610602.43	4205973.03	0.09875	10.44	10.44	0	ANNUAL	LINE	5
610609.43	4205973.03	0.09595	10.35	10.35	0	ANNUAL	LINE	5
610616.43	4205973.03	0.0932	10.25	10.25	0	ANNUAL	LINE	5
610623.43	4205973.03	0.09047	10.16	10.16	0	ANNUAL	LINE	5
610630.43	4205973.03	0.08778	10.06	10.06	0	ANNUAL	LINE	5
610637.43	4205973.03	0.08513	9.98	9.98	0	ANNUAL	LINE	5
610644.43	4205973.03	0.08253	9.92	9.92	0	ANNUAL	LINE	5
610651.43	4205973.03	0.07998	9.86	9.86	0	ANNUAL	LINE	5
610658.43	4205973.03	0.07748	9.8	9.8	0	ANNUAL	LINE	5
610665.43	4205973.03	0.07504	9.75	9.75	0	ANNUAL	LINE	5
610686.43	4205973.03	0.06808	9.58	9.58	0	ANNUAL	LINE	5
610693.43	4205973.03	0.06589	9.52	9.52	0	ANNUAL	LINE	5
610700.43	4205973.03	0.06377	9.46	9.46	0	ANNUAL	LINE	5
610707.43	4205973.03	0.06172	9.41	9.41	0	ANNUAL	LINE	5
610714.43	4205973.03	0.05975	9.37	9.37	0	ANNUAL	LINE	5
610721.43	4205973.03	0.05785	9.33	9.33	0	ANNUAL	LINE	5
610728.43	4205973.03	0.05603	9.29	9.29	0	ANNUAL	LINE	5
610735.43	4205973.03	0.05428	9.25	9.25	0	ANNUAL	LINE	5
610742.43	4205973.03	0.0526	9.22	9.22	0	ANNUAL	LINE	5
610749.43	4205973.03	0.051	9.18	9.18	0	ANNUAL	LINE	5
610756.43	4205973.03	0.04947	9.14	9.14	0	ANNUAL	LINE	5
610763.43	4205973.03	0.04802	9.1	9.1	0	ANNUAL	LINE	5
610770.43	4205973.03	0.04663	9.06	9.06	0	ANNUAL	LINE	5
610777.43	4205973.03	0.04531	9.02	9.02	0	ANNUAL	LINE	5
610784.43	4205973.03	0.04405	9	9	0	ANNUAL	LINE	5
610791.43	4205973.03	0.04285	9	9	0	ANNUAL	LINE	5
610798.43	4205973.03	0.04172	9	9	0	ANNUAL	LINE	5
610805.43	4205973.03	0.04064	9	9	0	ANNUAL	LINE	5
610812.43	4205973.03	0.03961	9	9	0	ANNUAL	LINE	5
610819.43	4205973.03	0.03863	9	9	0	ANNUAL	LINE	5
610826.43	4205973.03	0.0377	9	9	0	ANNUAL	LINE	5
610833.43	4205973.03	0.03681	9	9	0	ANNUAL	LINE	5
610840.43	4205973.03	0.03597	9	9	0	ANNUAL	LINE	5
610847.43	4205973.03	0.03516	9	9	0	ANNUAL	LINE	5
610854.43	4205973.03	0.03439	9	9	0	ANNUAL	LINE	5
610861.43	4205973.03	0.03366	9	9	0	ANNUAL	LINE	5
610868.43	4205973.03	0.03295	9	9	0	ANNUAL	LINE	5
610875.43	4205973.03	0.03228	9	9	0	ANNUAL	LINE	5
610882.43	4205973.03	0.03163	9	9	0	ANNUAL	LINE	5
610889.43	4205973.03	0.03101	9	9	0	ANNUAL	LINE	5
610896.43	4205973.03	0.03041	9	9	0	ANNUAL	LINE	5
610903.43	4205973.03	0.02983	9	9	0	ANNUAL	LINE	5
610910.43	4205973.03	0.02928	9	9	0	ANNUAL	LINE	5
610917.43	4205973.03	0.02874	9	9	0	ANNUAL	LINE	5
610924.43	4205973.03	0.02822	9	9	0	ANNUAL	LINE	5
610931.43	4205973.03	0.02772	9	9	0	ANNUAL	LINE	5
610938.43	4205973.03	0.02724	9	9	0	ANNUAL	LINE	5
610945.43	4205973.03	0.02677	9	9	0	ANNUAL	LINE	5
610952.43	4205973.03	0.02631	9	9	0	ANNUAL	LINE	5
610959.43	4205973.03	0.02587	9	9	0	ANNUAL	LINE	5
610966.43	4205973.03	0.02544	9	9	0	ANNUAL	LINE	5
610973.43	4205973.03	0.02502	9	9	0	ANNUAL	LINE	5
611001.43	4205973.03	0.02347	9	9	0	ANNUAL	LINE	5
611008.43	4205973.03	0.0231	9	9	0	ANNUAL	LINE	5
611015.43	4205973.03	0.02275	9	9	0	ANNUAL	LINE	5
611022.43	4205973.03	0.02241	9	9	0	ANNUAL	LINE	5
611029.43	4205973.03	0.02207	9	9	0	ANNUAL	LINE	5
611036.43	4205973.03	0.02174	9	9	0	ANNUAL	LINE	5
611043.43	4205973.03	0.02142	9	9	0	ANNUAL	LINE	5
611050.43	4205973.03	0.02111	9	9	0	ANNUAL	LINE	5
611057.43	4205973.03	0.02081	9	9	0	ANNUAL	LINE	5
611064.43	4205973.03	0.02051	9	9	0	ANNUAL	LINE	5
611071.43	4205973.03	0.02022	9	9	0	ANNUAL	LINE	5
611092.43	4205973.03	0.01939	9	9	0	ANNUAL	LINE	5
610294.43	4205980.03	0.20983	13.27	13.27	0	ANNUAL	LINE	5
610301.43	4205980.03	0.20834	13.27	13.27	0	ANNUAL	LINE	5
610308.43	4205980.03	0.2068	13.27	13.27	0	ANNUAL	LINE	5
610315.43	4205980.03	0.20522	13.27	13.27	0	ANNUAL	LINE	5
610322.43	4205980.03	0.20359	13.27	13.27	0	ANNUAL	LINE	5
610329.43	4205980.03	0.2019	13.27	13.27	0	ANNUAL	LINE	5
610336.43	4205980.03	0.20017	13.27	13.27	0	ANNUAL	LINE	5
610343.43	4205980.03	0.1984	13.25	13.25	0	ANNUAL	LINE	5
610350.43	4205980.03	0.19665	13.16	13.16	0	ANNUAL	LINE	5
610357.43	4205980.03	0.19486	13.06	13.06	0	ANNUAL	LINE	5
610364.43	4205980.03	0.193	12.97	12.97	0	ANNUAL	LINE	5
610371.43	4205980.03	0.19111	12.87	12.87	0	ANNUAL	LINE	5
610378.43	4205980.03	0.18915	12.78	12.78	0	ANNUAL	LINE	5
610385.43	4205980.03	0.18715	12.69	12.69	0	ANNUAL	LINE	5
610392.43	4205980.03	0.1851	12.59	12.59	0	ANNUAL	LINE	5
610399.43	4205980.03	0.183	12.5	12.5	0	ANNUAL	LINE	5
610406.43	4205980.03	0.18083	12.4	12.4	0	ANNUAL	LINE	5
610413.43	4205980.03	0.17859	12.31	12.31	0	ANNUAL	LINE	5
610420.43	4205980.03	0.17626	12.26	12.26	0	ANNUAL	LINE	5
610427.43	4205980.03	0.17384	12.24	12.24	0	ANNUAL	LINE	5
610434.43	4205980.03	0.17137	12.21	12.21	0	ANNUAL	LINE	5
610441.43	4205980.03	0.16885	12.18	12.18	0	ANNUAL	LINE	5
610448.43	4205980.03	0.16627	12.16	12.16	0	ANNUAL	LINE	5
610455.43	4205980.03	0.16364	12.13	12.13	0	ANNUAL	LINE	5
610462.43	4205980.03	0.16096	12.1	12.1	0	ANNUAL	LINE	5
610469.43	4205980.03	0.15823	12.08	12.08	0	ANNUAL	LINE	5
610476.43	4205980.03	0.15545	12.05	12.05	0	ANNUAL	LINE	5
610483.43	4205980.03	0.15264	12.02	12.02	0	ANNUAL	LINE	5
610490.43	4205980.03	0.14979	11.97	11.97	0	ANNUAL	LINE	5
610504.43	4205980.03	0.14404	11.78	11.78	0	ANNUAL	LINE	5
610511.43	4205980.03	0.14112	11.68	11.68	0	ANNUAL	LINE	5

610518.43	4205980.03	0.13816	11.59	11.59	0	ANNUAL	LINE	5
610525.43	4205980.03	0.13518	11.49	11.49	0	ANNUAL	LINE	5
610532.43	4205980.03	0.13218	11.4	11.4	0	ANNUAL	LINE	5
610539.43	4205980.03	0.12916	11.3	11.3	0	ANNUAL	LINE	5
610546.43	4205980.03	0.12612	11.21	11.21	0	ANNUAL	LINE	5
610553.43	4205980.03	0.12309	11.11	11.11	0	ANNUAL	LINE	5
610560.43	4205980.03	0.12005	11.02	11.02	0	ANNUAL	LINE	5
610567.43	4205980.03	0.11701	10.92	10.92	0	ANNUAL	LINE	5
610574.43	4205980.03	0.11398	10.82	10.82	0	ANNUAL	LINE	5
610581.43	4205980.03	0.11097	10.73	10.73	0	ANNUAL	LINE	5
610588.43	4205980.03	0.10797	10.63	10.63	0	ANNUAL	LINE	5
610595.43	4205980.03	0.10499	10.54	10.54	0	ANNUAL	LINE	5
610602.43	4205980.03	0.10204	10.44	10.44	0	ANNUAL	LINE	5
610609.43	4205980.03	0.09912	10.35	10.35	0	ANNUAL	LINE	5
610616.43	4205980.03	0.09624	10.25	10.25	0	ANNUAL	LINE	5
610623.43	4205980.03	0.09339	10.15	10.15	0	ANNUAL	LINE	5
610630.43	4205980.03	0.09057	10.06	10.06	0	ANNUAL	LINE	5
610637.43	4205980.03	0.0878	9.97	9.97	0	ANNUAL	LINE	5
610644.43	4205980.03	0.08508	9.91	9.91	0	ANNUAL	LINE	5
610651.43	4205980.03	0.08241	9.84	9.84	0	ANNUAL	LINE	5
610658.43	4205980.03	0.0798	9.78	9.78	0	ANNUAL	LINE	5
610665.43	4205980.03	0.07725	9.71	9.71	0	ANNUAL	LINE	5
610686.43	4205980.03	0.06998	9.52	9.52	0	ANNUAL	LINE	5
610693.43	4205980.03	0.0677	9.46	9.46	0	ANNUAL	LINE	5
610700.43	4205980.03	0.06549	9.39	9.39	0	ANNUAL	LINE	5
610707.43	4205980.03	0.06336	9.33	9.33	0	ANNUAL	LINE	5
610714.43	4205980.03	0.06131	9.3	9.3	0	ANNUAL	LINE	5
610721.43	4205980.03	0.05933	9.27	9.27	0	ANNUAL	LINE	5
610728.43	4205980.03	0.05744	9.24	9.24	0	ANNUAL	LINE	5
610735.43	4205980.03	0.05562	9.21	9.21	0	ANNUAL	LINE	5
610742.43	4205980.03	0.05389	9.17	9.17	0	ANNUAL	LINE	5
610749.43	4205980.03	0.05223	9.14	9.14	0	ANNUAL	LINE	5
610756.43	4205980.03	0.05065	9.11	9.11	0	ANNUAL	LINE	5
610763.43	4205980.03	0.04914	9.08	9.08	0	ANNUAL	LINE	5
610770.43	4205980.03	0.0477	9.05	9.05	0	ANNUAL	LINE	5
610777.43	4205980.03	0.04634	9.02	9.02	0	ANNUAL	LINE	5
610784.43	4205980.03	0.04504	9	9	0	ANNUAL	LINE	5
610791.43	4205980.03	0.04381	9	9	0	ANNUAL	LINE	5
610798.43	4205980.03	0.04264	9	9	0	ANNUAL	LINE	5
610805.43	4205980.03	0.04153	9	9	0	ANNUAL	LINE	5
610812.43	4205980.03	0.04047	9	9	0	ANNUAL	LINE	5
610819.43	4205980.03	0.03946	9	9	0	ANNUAL	LINE	5
610826.43	4205980.03	0.03851	9	9	0	ANNUAL	LINE	5
610833.43	4205980.03	0.0376	9	9	0	ANNUAL	LINE	5
610840.43	4205980.03	0.03673	9	9	0	ANNUAL	LINE	5
610847.43	4205980.03	0.0359	9	9	0	ANNUAL	LINE	5
610854.43	4205980.03	0.03511	9	9	0	ANNUAL	LINE	5
610861.43	4205980.03	0.03436	9	9	0	ANNUAL	LINE	5
610868.43	4205980.03	0.03363	9	9	0	ANNUAL	LINE	5
610875.43	4205980.03	0.03294	9	9	0	ANNUAL	LINE	5
610882.43	4205980.03	0.03227	9	9	0	ANNUAL	LINE	5
610889.43	4205980.03	0.03164	9	9	0	ANNUAL	LINE	5
610896.43	4205980.03	0.03102	9	9	0	ANNUAL	LINE	5
610903.43	4205980.03	0.03043	9	9	0	ANNUAL	LINE	5
610910.43	4205980.03	0.02986	9	9	0	ANNUAL	LINE	5
610917.43	4205980.03	0.02931	9	9	0	ANNUAL	LINE	5
610924.43	4205980.03	0.02878	9	9	0	ANNUAL	LINE	5
610931.43	4205980.03	0.02826	9	9	0	ANNUAL	LINE	5
610938.43	4205980.03	0.02777	9	9	0	ANNUAL	LINE	5
610945.43	4205980.03	0.02728	9	9	0	ANNUAL	LINE	5
610952.43	4205980.03	0.02682	9	9	0	ANNUAL	LINE	5
610959.43	4205980.03	0.02636	9	9	0	ANNUAL	LINE	5
610966.43	4205980.03	0.02592	9	9	0	ANNUAL	LINE	5
610973.43	4205980.03	0.02549	9	9	0	ANNUAL	LINE	5
611001.43	4205980.03	0.0239	9	9	0	ANNUAL	LINE	5
611008.43	4205980.03	0.02353	9	9	0	ANNUAL	LINE	5
611015.43	4205980.03	0.02316	9	9	0	ANNUAL	LINE	5
611022.43	4205980.03	0.02281	9	9	0	ANNUAL	LINE	5
611029.43	4205980.03	0.02246	9	9	0	ANNUAL	LINE	5
611036.43	4205980.03	0.02213	9	9	0	ANNUAL	LINE	5
611043.43	4205980.03	0.0218	9	9	0	ANNUAL	LINE	5
611050.43	4205980.03	0.02148	9	9	0	ANNUAL	LINE	5
611057.43	4205980.03	0.02117	9	9	0	ANNUAL	LINE	5
611064.43	4205980.03	0.02087	9	9	0	ANNUAL	LINE	5
611071.43	4205980.03	0.02057	9	9	0	ANNUAL	LINE	5
611092.43	4205980.03	0.01973	9	9	0	ANNUAL	LINE	5
610294.43	4205987.03	0.21694	13.19	13.19	0	ANNUAL	LINE	5
610301.43	4205987.03	0.21543	13.19	13.19	0	ANNUAL	LINE	5
610308.43	4205987.03	0.21388	13.19	13.19	0	ANNUAL	LINE	5
610315.43	4205987.03	0.21228	13.19	13.19	0	ANNUAL	LINE	5
610322.43	4205987.03	0.21062	13.19	13.19	0	ANNUAL	LINE	5
610329.43	4205987.03	0.2089	13.2	13.2	0	ANNUAL	LINE	5
610336.43	4205987.03	0.20714	13.2	13.2	0	ANNUAL	LINE	5
610343.43	4205987.03	0.20535	13.18	13.18	0	ANNUAL	LINE	5
610350.43	4205987.03	0.20358	13.08	13.08	0	ANNUAL	LINE	5
610357.43	4205987.03	0.20175	12.99	12.99	0	ANNUAL	LINE	5
610364.43	4205987.03	0.19988	12.89	12.89	0	ANNUAL	LINE	5
610371.43	4205987.03	0.19794	12.8	12.8	0	ANNUAL	LINE	5
610378.43	4205987.03	0.19596	12.7	12.7	0	ANNUAL	LINE	5
610385.43	4205987.03	0.19391	12.61	12.61	0	ANNUAL	LINE	5
610392.43	4205987.03	0.19183	12.51	12.51	0	ANNUAL	LINE	5
610399.43	4205987.03	0.18966	12.42	12.42	0	ANNUAL	LINE	5
610406.43	4205987.03	0.18745	12.32	12.32	0	ANNUAL	LINE	5
610413.43	4205987.03	0.18515	12.23	12.23	0	ANNUAL	LINE	5
610420.43	4205987.03	0.18274	12.19	12.19	0	ANNUAL	LINE	5
610427.43	4205987.03	0.18025	12.17	12.17	0	ANNUAL	LINE	5
610434.43	4205987.03	0.1777	12.15	12.15	0	ANNUAL	LINE	5
610441.43	4205987.03	0.17509	12.14	12.14	0	ANNUAL	LINE	5
610448.43	4205987.03	0.17242	12.12	12.12	0	ANNUAL	LINE	5
610455.43	4205987.03	0.1697	12.1	12.1	0	ANNUAL	LINE	5
610462.43	4205987.03	0.16693	12.08	12.08	0	ANNUAL	LINE	5
610469.43	4205987.03	0.1641	12.06	12.06	0	ANNUAL	LINE	5
610476.43	4205987.03	0.16123	12.03	12.03	0	ANNUAL	LINE	5
610483.43	4205987.03	0.15831	12.01	12.01	0	ANNUAL	LINE	5
610490.43	4205987.03	0.15535	11.97	11.97	0	ANNUAL	LINE	5
610504.43	4205987.03	0.14938	11.78	11.78	0	ANNUAL	LINE	5
610511.43	4205987.03	0.14633	11.68	11.68	0	ANNUAL	LINE	5
610518.43	4205987.03	0.14326	11.59	11.59	0	ANNUAL	LINE	5
610525.43	4205987.03	0.14015	11.49	11.49	0	ANNUAL	LINE	5
610532.43	4205987.03	0.13702	11.4	11.4	0	ANNUAL	LINE	5
610539.43	4205987.03	0.13387	11.3	11.3	0	ANNUAL	LINE	5
610546.43	4205987.03	0.13071	11.21	11.21	0	ANNUAL	LINE	5
610553.43	4205987.03	0.12754	11.11	11.11	0	ANNUAL	LINE	5
610560.43	4205987.03	0.12436	11.01	11.01	0	ANNUAL	LINE	5
610567.43	4205987.03	0.12119	10.92	10.92	0	ANNUAL	LINE	5
610574.43	4205987.03	0.11802	10.82	10.82	0	ANNUAL	LINE	5
610581.43	4205987.03	0.11487	10.73	10.73	0	ANNUAL	LINE	5
610588.43	4205987.03	0.11173	10.63	10.63	0	ANNUAL	LINE	5
610595.43	4205987.03	0.10862	10.54	10.54	0	ANNUAL	LINE	5
610602.43	4205987.03	0.10553	10.44	10.44	0	ANNUAL	LINE	5
610609.43	4205987.03	0.10247	10.34	10.34	0	ANNUAL	LINE	5
610616.43	4205987.03	0.09945	10.25	10.25	0	ANNUAL	LINE	5
610623.43	4205987.03	0.09646	10.15	10.15	0	ANNUAL	LINE	5
610630.43	4205987.03	0.09352	10.06	10.06	0	ANNUAL	LINE	5
610637.43	4205987.03	0.09062	9.97	9.97	0	ANNUAL	LINE	5
610644.43	4205987.03	0.08777	9.9	9.9	0	ANNUAL	LINE	5
610651.43	4205987.03	0.08498	9.83	9.83	0	ANNUAL	LINE	5
610658.43	4205987.03	0.08224	9.75	9.75	0	ANNUAL	LINE	5
610665.43	4205987.03	0.07957	9.68	9.68	0	ANNUAL	LINE	5
610686.43	4205987.03	0.07198	9.47	9.47	0	ANNUAL	LINE	5
610693.43	4205987.03	0.0696	9.4	9.4	0	ANNUAL	LINE	5
610700.43	4205987.03	0.0673	9.33	9.33	0	ANNUAL	LINE	5
610707.43	4205987.03	0.06507	9.25	9.25	0	ANNUAL	LINE	5
610714.43	4205987.03	0.06294	9.23	9.23	0	ANNUAL	LINE	5
610721.43	4205987.03	0.06088	9.21	9.21	0	ANNUAL	LINE	5
610728.43	4205987.03	0.05891	9.18	9.18	0	ANNUAL	LINE	5
610735.43	4205987.03	0.05703	9.16	9.16	0	ANNUAL	LINE	5
610742.43	4205987.03	0.05523	9.13	9.13	0	ANNUAL	LINE	5
610749.43	4205987.03	0.05351	9.11	9.11	0	ANNUAL	LINE	5
610756.43	4205987.03	0.05187	9.09	9.09	0	ANNUAL	LINE	5
610763.43	4205987.03	0.05031	9.06	9.06	0	ANNUAL	LINE	5
610770.43	4205987.03	0.04882	9.04	9.04	0	ANNUAL	LINE	5
610777.43	4205987.03	0.04741	9.01	9.01	0	ANNUAL	LINE	5
610784.43	4205987.03	0.04608	9	9	0	ANNUAL	LINE	5
610791.43	4205987.03	0.04481	9	9	0	ANNUAL	LINE	5
610798.43	4205987.03	0.0436	9	9	0	ANNUAL	LINE	5
610805.43	4205987.03	0.04245	9	9	0	ANNUAL	LINE	5
610812.43	4205987.03	0.04137	9	9	0	ANNUAL	LINE	5
610819.43	4205987.03	0.04033	9	9	0	ANNUAL	LINE	5
610826.43	4205987.03	0.03935	9	9	0	ANNUAL	LINE	5
610833.43	4205987.03	0.03841	9	9	0	ANNUAL	LINE	5
610840.43	4205987.03	0.03752	9	9	0	ANNUAL	LINE	5
610847.43	4205987.03	0.03667	9	9	0	ANNUAL	LINE	5
610854.43	4205987.03	0.03586	9	9	0	ANNUAL	LINE	5
610861.43	4205987.03	0.03508	9	9	0	ANNUAL	LINE	5
610868.43	4205987.03	0.03434	9	9	0	ANNUAL	LINE	5
610875.43	4205987.03	0.03363	9	9	0	ANNUAL	LINE	5
610882.43	4205987.03	0.03294	9	9	0	ANNUAL	LINE	5
610889.43	4205987.03	0.03229	9	9	0	ANNUAL	LINE	5
610896.43	4205987.03	0.03166	9	9	0	ANNUAL	LINE	5
610903.43	4205987.03	0.03105	9	9	0	ANNUAL	LINE	5
610910.43	4205987.03	0.03047	9	9	0	ANNUAL	LINE	5
610917.43	4205987.03	0.0299	9	9	0	ANNUAL	LINE	5
610924.43	4205987.03	0.02935	9	9	0	ANNUAL	LINE	5
610931.43	4205987.03	0.02883	9	9	0	ANNUAL	LINE	5
610938.43	4205987.03	0.02832	9	9	0	ANNUAL	LINE	5
610945.43	4205987.03	0.02782	9	9	0	ANNUAL	LINE	5
610952.43	4205987.03	0.02734	9	9	0	ANNUAL	LINE	5
610959.43	4205987.03	0.02687	9	9	0	ANNUAL	LINE	5
610966.43	4205987.03	0.02642	9	9	0	ANNUAL	LINE	5
610973.43	4205987.03	0.02598	9	9	0	ANNUAL	LINE	5
610994.43	4205987.03	0.02474	9	9	0	ANNUAL	LINE	5
611001.43	4205987.03	0.02435	9	9	0	ANNUAL	LINE	5
611008.43	4205987.03	0.02396	9	9	0	ANNUAL	LINE	5
611015.43	4205987.03	0.02359	9	9	0	ANNUAL	LINE	5
611022.43	4205987.03	0.02323	9	9	0	ANNUAL	LINE	5
611029.43	4205987.03	0.02288	9	9	0	ANNUAL	LINE	5
611036.43	4205987.03	0.02253	9	9	0	ANNUAL	LINE	5
611043.43	4205987.03	0.0222	9	9	0	ANNUAL	LINE	5
611050.43	4205987.03	0.02187	9	9	0	ANNUAL	LINE	5
611057.43	4205987.03	0.02155	9	9	0	ANNUAL	LINE	5
611064.43	4205987.03	0.02124	9	9	0	ANNUAL	LINE	5
611071.43	4205987.03	0.02094	9	9	0	ANNUAL	LINE	5
611078.43	4205987.03	0.02064	9	9	0	ANNUAL	LINE	5
610294.43	4205994.03	0.2244	13.11	13.11	0	ANNUAL	LINE	5
610301.43	4205994.03	0.22287	13.12	13.12	0	ANNUAL	LINE	5
610308.43	4205994.03	0.2213	13.12	13.12	0	ANNUAL	LINE	5
610315.43	4205994.03	0.21968	13.12	13.12	0	ANNUAL	LINE	5
610322.43	4205994.03	0.218	13.12	13.12	0	ANNUAL	LINE	5
610329.43	4205994.03	0.21627	13.12	13.12	0	ANNUAL	LINE	5
610336.43	4205994.03	0.21449	13.12	13.12	0	ANNUAL	LINE	5
610343.43	4205994.03	0.21267	13.1	13.1	0	ANNUAL	LINE	5
610350.43	4205994.03	0.21087	13	13	0	ANNUAL	LINE	5
610357.43	4205994.03	0.20901	12.91	12.91	0	ANNUAL	LINE	5
610364.43	4205994.03	0.20711	12.81	12.81	0	ANNUAL	LINE	5
610371.43	4205994.03	0.20514	12.72	12.72	0	ANNUAL	LINE	5
610378.43	4205994.03	0.20312	12.63	12.63	0	ANNUAL	LINE	5
610385.43	4205994.03	0.20105	12.53	12.53	0	ANNUAL	LINE	5
610392.43	4205994.03	0.1989	12.44	12.44	0	ANNUAL	LINE	5
610399.43	4205994.03	0.1967	12.34	12.34	0	ANNUAL	LINE	5
610406.43	4205994.03	0.19441	12.25	12.25	0	ANNUAL	LINE	5
610413.43	4205994.03	0.19207	12.15	12.15	0	ANNUAL	LINE	5
610420.43	4205994.03	0.18958	12.12	12.12	0	ANNUAL	LINE	5
610427.43	4205994.03	0.18701	12.11	12.11	0	ANNUAL	LINE	5
610434.43	4205994.03	0.18438	12.1	12.1	0	ANNUAL	LINE	5
610441.43	4205994.03	0.18169	12.09	12.09	0	ANNUAL	LINE	5
610448.43	4205994.03	0.17894	12.07	12.07	0	ANNUAL	LINE	5
610455.43	4205994.03	0.17612	12.06	12.06	0	ANNUAL	LINE	5
610462.43	4205994.03	0.17325	12.05	12.05	0	ANNUAL	LINE	5
610469.43	4205994.03	0.17031	12.04	12.04	0	ANNUAL	LINE	5
610476.43	4205994.03	0.16733	12.02	12.02	0	ANNUAL	LINE	5

610483.43	4205994.03	0.1643	12.01	12.01	0	ANNUAL	LINE	5
610490.43	4205994.03	0.16123	11.97	11.97	0	ANNUAL	LINE	5
610504.43	4205994.03	0.15502	11.78	11.78	0	ANNUAL	LINE	5
610511.43	4205994.03	0.15186	11.68	11.68	0	ANNUAL	LINE	5
610518.43	4205994.03	0.14865	11.59	11.59	0	ANNUAL	LINE	5
610525.43	4205994.03	0.14542	11.49	11.49	0	ANNUAL	LINE	5
610532.43	4205994.03	0.14215	11.4	11.4	0	ANNUAL	LINE	5
610539.43	4205994.03	0.13887	11.3	11.3	0	ANNUAL	LINE	5
610546.43	4205994.03	0.13556	11.2	11.2	0	ANNUAL	LINE	5
610553.43	4205994.03	0.13225	11.11	11.11	0	ANNUAL	LINE	5
610560.43	4205994.03	0.12893	11.01	11.01	0	ANNUAL	LINE	5
610567.43	4205994.03	0.12561	10.92	10.92	0	ANNUAL	LINE	5
610574.43	4205994.03	0.1223	10.82	10.82	0	ANNUAL	LINE	5
610581.43	4205994.03	0.11899	10.73	10.73	0	ANNUAL	LINE	5
610588.43	4205994.03	0.11571	10.63	10.63	0	ANNUAL	LINE	5
610595.43	4205994.03	0.11245	10.53	10.53	0	ANNUAL	LINE	5
610602.43	4205994.03	0.10921	10.44	10.44	0	ANNUAL	LINE	5
610609.43	4205994.03	0.10601	10.34	10.34	0	ANNUAL	LINE	5
610616.43	4205994.03	0.10284	10.25	10.25	0	ANNUAL	LINE	5
610623.43	4205994.03	0.09971	10.15	10.15	0	ANNUAL	LINE	5
610630.43	4205994.03	0.09662	10.06	10.06	0	ANNUAL	LINE	5
610637.43	4205994.03	0.09359	9.97	9.97	0	ANNUAL	LINE	5
610644.43	4205994.03	0.0906	9.89	9.89	0	ANNUAL	LINE	5
610651.43	4205994.03	0.08768	9.81	9.81	0	ANNUAL	LINE	5
610658.43	4205994.03	0.08482	9.73	9.73	0	ANNUAL	LINE	5
610665.43	4205994.03	0.08202	9.65	9.65	0	ANNUAL	LINE	5
610686.43	4205994.03	0.07408	9.41	9.41	0	ANNUAL	LINE	5
610693.43	4205994.03	0.07159	9.33	9.33	0	ANNUAL	LINE	5
610700.43	4205994.03	0.06919	9.26	9.26	0	ANNUAL	LINE	5
610707.43	4205994.03	0.06687	9.18	9.18	0	ANNUAL	LINE	5
610714.43	4205994.03	0.06464	9.16	9.16	0	ANNUAL	LINE	5
610721.43	4205994.03	0.0625	9.14	9.14	0	ANNUAL	LINE	5
610728.43	4205994.03	0.06046	9.13	9.13	0	ANNUAL	LINE	5
610735.43	4205994.03	0.0585	9.11	9.11	0	ANNUAL	LINE	5
610742.43	4205994.03	0.05662	9.09	9.09	0	ANNUAL	LINE	5
610749.43	4205994.03	0.05484	9.08	9.08	0	ANNUAL	LINE	5
610756.43	4205994.03	0.05314	9.06	9.06	0	ANNUAL	LINE	5
610763.43	4205994.03	0.05153	9.04	9.04	0	ANNUAL	LINE	5
610770.43	4205994.03	0.04999	9.03	9.03	0	ANNUAL	LINE	5
610777.43	4205994.03	0.04854	9.01	9.01	0	ANNUAL	LINE	5
610784.43	4205994.03	0.04715	9	9	0	ANNUAL	LINE	5
610791.43	4205994.03	0.04584	9	9	0	ANNUAL	LINE	5
610798.43	4205994.03	0.0446	9	9	0	ANNUAL	LINE	5
610805.43	4205994.03	0.04342	9	9	0	ANNUAL	LINE	5
610812.43	4205994.03	0.0423	9	9	0	ANNUAL	LINE	5
610819.43	4205994.03	0.04123	9	9	0	ANNUAL	LINE	5
610826.43	4205994.03	0.04022	9	9	0	ANNUAL	LINE	5
610833.43	4205994.03	0.03926	9	9	0	ANNUAL	LINE	5
610840.43	4205994.03	0.03834	9	9	0	ANNUAL	LINE	5
610847.43	4205994.03	0.03747	9	9	0	ANNUAL	LINE	5
610854.43	4205994.03	0.03664	9	9	0	ANNUAL	LINE	5
610861.43	4205994.03	0.03584	9	9	0	ANNUAL	LINE	5
610868.43	4205994.03	0.03508	9	9	0	ANNUAL	LINE	5
610875.43	4205994.03	0.03434	9	9	0	ANNUAL	LINE	5
610882.43	4205994.03	0.03364	9	9	0	ANNUAL	LINE	5
610889.43	4205994.03	0.03297	9	9	0	ANNUAL	LINE	5
610896.43	4205994.03	0.03232	9	9	0	ANNUAL	LINE	5
610903.43	4205994.03	0.0317	9	9	0	ANNUAL	LINE	5
610910.43	4205994.03	0.0311	9	9	0	ANNUAL	LINE	5
610917.43	4205994.03	0.03051	9	9	0	ANNUAL	LINE	5
610924.43	4205994.03	0.02995	9	9	0	ANNUAL	LINE	5
610931.43	4205994.03	0.02941	9	9	0	ANNUAL	LINE	5
610938.43	4205994.03	0.02889	9	9	0	ANNUAL	LINE	5
610945.43	4205994.03	0.02838	9	9	0	ANNUAL	LINE	5
610952.43	4205994.03	0.02788	9	9	0	ANNUAL	LINE	5
610959.43	4205994.03	0.02741	9	9	0	ANNUAL	LINE	5
610966.43	4205994.03	0.02694	9	9	0	ANNUAL	LINE	5
610973.43	4205994.03	0.02649	9	9	0	ANNUAL	LINE	5
610994.43	4205994.03	0.02521	9	9	0	ANNUAL	LINE	5
611001.43	4205994.03	0.02481	9	9	0	ANNUAL	LINE	5
611008.43	4205994.03	0.02442	9	9	0	ANNUAL	LINE	5
611015.43	4205994.03	0.02403	9	9	0	ANNUAL	LINE	5
611022.43	4205994.03	0.02366	9	9	0	ANNUAL	LINE	5
611029.43	4205994.03	0.0233	9	9	0	ANNUAL	LINE	5
611036.43	4205994.03	0.02295	9	9	0	ANNUAL	LINE	5
611043.43	4205994.03	0.02261	9	9	0	ANNUAL	LINE	5
611050.43	4205994.03	0.02227	9	9	0	ANNUAL	LINE	5
611057.43	4205994.03	0.02195	9	9	0	ANNUAL	LINE	5
611064.43	4205994.03	0.02163	9	9	0	ANNUAL	LINE	5
611071.43	4205994.03	0.02132	9	9	0	ANNUAL	LINE	5
611078.43	4205994.03	0.02102	9	9	0	ANNUAL	LINE	5
610294.43	4206001.03	0.23223	13.04	13.04	0	ANNUAL	LINE	5
610301.43	4206001.03	0.2307	13.04	13.04	0	ANNUAL	LINE	5
610308.43	4206001.03	0.22911	13.04	13.04	0	ANNUAL	LINE	5
610315.43	4206001.03	0.22747	13.04	13.04	0	ANNUAL	LINE	5
610322.43	4206001.03	0.22577	13.04	13.04	0	ANNUAL	LINE	5
610329.43	4206001.03	0.22402	13.04	13.04	0	ANNUAL	LINE	5
610336.43	4206001.03	0.22221	13.04	13.04	0	ANNUAL	LINE	5
610343.43	4206001.03	0.22036	13.02	13.02	0	ANNUAL	LINE	5
610350.43	4206001.03	0.21854	12.93	12.93	0	ANNUAL	LINE	5
610357.43	4206001.03	0.21666	12.83	12.83	0	ANNUAL	LINE	5
610364.43	4206001.03	0.21472	12.74	12.74	0	ANNUAL	LINE	5
610371.43	4206001.03	0.21273	12.64	12.64	0	ANNUAL	LINE	5
610378.43	4206001.03	0.21067	12.55	12.55	0	ANNUAL	LINE	5
610385.43	4206001.03	0.20856	12.45	12.45	0	ANNUAL	LINE	5
610392.43	4206001.03	0.20637	12.36	12.36	0	ANNUAL	LINE	5
610399.43	4206001.03	0.20411	12.26	12.26	0	ANNUAL	LINE	5
610406.43	4206001.03	0.20177	12.17	12.17	0	ANNUAL	LINE	5
610413.43	4206001.03	0.19936	12.08	12.08	0	ANNUAL	LINE	5
610420.43	4206001.03	0.19681	12.05	12.05	0	ANNUAL	LINE	5
610427.43	4206001.03	0.19416	12.05	12.05	0	ANNUAL	LINE	5
610434.43	4206001.03	0.19145	12.04	12.04	0	ANNUAL	LINE	5
610441.43	4206001.03	0.18866	12.04	12.04	0	ANNUAL	LINE	5
610448.43	4206001.03	0.18582	12.03	12.03	0	ANNUAL	LINE	5
610455.43	4206001.03	0.1829	12.03	12.03	0	ANNUAL	LINE	5
610462.43	4206001.03	0.17993	12.02	12.02	0	ANNUAL	LINE	5
610469.43	4206001.03	0.17689	12.02	12.02	0	ANNUAL	LINE	5
610476.43	4206001.03	0.1738	12.01	12.01	0	ANNUAL	LINE	5
610483.43	4206001.03	0.17065	12	12	0	ANNUAL	LINE	5
610504.43	4206001.03	0.16101	11.78	11.78	0	ANNUAL	LINE	5
610511.43	4206001.03	0.15772	11.68	11.68	0	ANNUAL	LINE	5
610518.43	4206001.03	0.15437	11.59	11.59	0	ANNUAL	LINE	5
610525.43	4206001.03	0.151	11.49	11.49	0	ANNUAL	LINE	5
610532.43	4206001.03	0.1476	11.39	11.39	0	ANNUAL	LINE	5
610539.43	4206001.03	0.14416	11.3	11.3	0	ANNUAL	LINE	5
610546.43	4206001.03	0.14071	11.2	11.2	0	ANNUAL	LINE	5
610553.43	4206001.03	0.13724	11.11	11.11	0	ANNUAL	LINE	5
610560.43	4206001.03	0.13377	11.01	11.01	0	ANNUAL	LINE	5
610567.43	4206001.03	0.1303	10.92	10.92	0	ANNUAL	LINE	5
610574.43	4206001.03	0.12683	10.82	10.82	0	ANNUAL	LINE	5
610581.43	4206001.03	0.12337	10.72	10.72	0	ANNUAL	LINE	5
610588.43	4206001.03	0.11993	10.63	10.63	0	ANNUAL	LINE	5
610595.43	4206001.03	0.11651	10.53	10.53	0	ANNUAL	LINE	5
610602.43	4206001.03	0.11311	10.44	10.44	0	ANNUAL	LINE	5
610609.43	4206001.03	0.10975	10.34	10.34	0	ANNUAL	LINE	5
610616.43	4206001.03	0.10643	10.25	10.25	0	ANNUAL	LINE	5
610623.43	4206001.03	0.10315	10.15	10.15	0	ANNUAL	LINE	5
610630.43	4206001.03	0.09991	10.05	10.05	0	ANNUAL	LINE	5
610637.43	4206001.03	0.09672	9.96	9.96	0	ANNUAL	LINE	5
610644.43	4206001.03	0.09359	9.88	9.88	0	ANNUAL	LINE	5
610651.43	4206001.03	0.09053	9.79	9.79	0	ANNUAL	LINE	5
610658.43	4206001.03	0.08753	9.7	9.7	0	ANNUAL	LINE	5
610665.43	4206001.03	0.0846	9.62	9.62	0	ANNUAL	LINE	5
610686.43	4206001.03	0.07629	9.36	9.36	0	ANNUAL	LINE	5
610693.43	4206001.03	0.07368	9.27	9.27	0	ANNUAL	LINE	5
610700.43	4206001.03	0.07117	9.19	9.19	0	ANNUAL	LINE	5
610707.43	4206001.03	0.06875	9.1	9.1	0	ANNUAL	LINE	5
610714.43	4206001.03	0.06643	9.09	9.09	0	ANNUAL	LINE	5
610721.43	4206001.03	0.0642	9.08	9.08	0	ANNUAL	LINE	5
610728.43	4206001.03	0.06207	9.07	9.07	0	ANNUAL	LINE	5
610735.43	4206001.03	0.06003	9.06	9.06	0	ANNUAL	LINE	5
610742.43	4206001.03	0.05809	9.05	9.05	0	ANNUAL	LINE	5
610749.43	4206001.03	0.05624	9.05	9.05	0	ANNUAL	LINE	5
610756.43	4206001.03	0.05447	9.04	9.04	0	ANNUAL	LINE	5
610763.43	4206001.03	0.0528	9.03	9.03	0	ANNUAL	LINE	5
610770.43	4206001.03	0.05121	9.02	9.02	0	ANNUAL	LINE	5
610777.43	4206001.03	0.04971	9.01	9.01	0	ANNUAL	LINE	5
610784.43	4206001.03	0.04828	9	9	0	ANNUAL	LINE	5
610791.43	4206001.03	0.04693	9	9	0	ANNUAL	LINE	5
610798.43	4206001.03	0.04564	9	9	0	ANNUAL	LINE	5
610805.43	4206001.03	0.04443	9	9	0	ANNUAL	LINE	5
610812.43	4206001.03	0.04327	9	9	0	ANNUAL	LINE	5
610819.43	4206001.03	0.04218	9	9	0	ANNUAL	LINE	5
610826.43	4206001.03	0.04114	9	9	0	ANNUAL	LINE	5
610833.43	4206001.03	0.04015	9	9	0	ANNUAL	LINE	5
610840.43	4206001.03	0.0392	9	9	0	ANNUAL	LINE	5
610847.43	4206001.03	0.0383	9	9	0	ANNUAL	LINE	5
610854.43	4206001.03	0.03745	9	9	0	ANNUAL	LINE	5
610861.43	4206001.03	0.03663	9	9	0	ANNUAL	LINE	5
610868.43	4206001.03	0.03584	9	9	0	ANNUAL	LINE	5
610875.43	4206001.03	0.03509	9	9	0	ANNUAL	LINE	5
610882.43	4206001.03	0.03437	9	9	0	ANNUAL	LINE	5
610889.43	4206001.03	0.03368	9	9	0	ANNUAL	LINE	5
610896.43	4206001.03	0.03301	9	9	0	ANNUAL	LINE	5
610903.43	4206001.03	0.03237	9	9	0	ANNUAL	LINE	5
610910.43	4206001.03	0.03175	9	9	0	ANNUAL	LINE	5
610917.43	4206001.03	0.03115	9	9	0	ANNUAL	LINE	5
610924.43	4206001.03	0.03058	9	9	0	ANNUAL	LINE	5
610931.43	4206001.03	0.03002	9	9	0	ANNUAL	LINE	5
610938.43	4206001.03	0.02948	9	9	0	ANNUAL	LINE	5
610945.43	4206001.03	0.02896	9	9	0	ANNUAL	LINE	5
610952.43	4206001.03	0.02845	9	9	0	ANNUAL	LINE	5
610959.43	4206001.03	0.02796	9	9	0	ANNUAL	LINE	5
610966.43	4206001.03	0.02748	9	9	0	ANNUAL	LINE	5
610994.43	4206001.03	0.0257	9	9	0	ANNUAL	LINE	5
611001.43	4206001.03	0.02529	9	9	0	ANNUAL	LINE	5
611008.43	4206001.03	0.02489	9	9	0	ANNUAL	LINE	5
611015.43	4206001.03	0.0245	9	9	0	ANNUAL	LINE	5
611022.43	4206001.03	0.02412	9	9	0	ANNUAL	LINE	5
611029.43	4206001.03	0.02374	9	9	0	ANNUAL	LINE	5
611036.43	4206001.03	0.02338	9	9	0	ANNUAL	LINE	5
611043.43	4206001.03	0.02303	9	9	0	ANNUAL	LINE	5
611050.43	4206001.03	0.02269	9	9	0	ANNUAL	LINE	5
611057.43	4206001.03	0.02236	9	9	0	ANNUAL	LINE	5
611064.43	4206001.03	0.02203	9	9	0	ANNUAL	LINE	5
611071.43	4206001.03	0.02172	9	9	0	ANNUAL	LINE	5
611078.43	4206001.03	0.02141	9	9	0	ANNUAL	LINE	5
610294.43	4206008.03	0.24047	12.96	12.96	0	ANNUAL	LINE	5
610301.43	4206008.03	0.23892	12.96	12.96	0	ANNUAL	LINE	5
610308.43	4206008.03	0.23732	12.96	12.96	0	ANNUAL	LINE	5
610315.43	4206008.03	0.23565	12.97	12.97	0	ANNUAL	LINE	5
610322.43	4206008.03	0.23394	12.97	12.97	0	ANNUAL	LINE	5
610329.43	4206008.03	0.23216	12.97	12.97	0	ANNUAL	LINE	5
610336.43	4206008.03	0.23033	12.97	12.97	0	ANNUAL	LINE	5
610343.43	4206008.03	0.22846	12.95	12.95	0	ANNUAL	LINE	5
610350.43	4206008.03	0.22662	12.85	12.85	0	ANNUAL	LINE	5
610357.43	4206008.03	0.22471	12.76	12.76	0	ANNUAL	LINE	5
610364.43	4206008.03	0.22274	12.67	12.67	0	ANNUAL	LINE	5
610371.43	4206008.03	0.22071	12.58	12.58	0	ANNUAL	LINE	5
610378.43	4206008.03	0.21863	12.48	12.48	0	ANNUAL	LINE	5
610385.43	4206008.03	0.21646	12.39	12.39	0	ANNUAL	LINE	5
610392.43	4206008.03	0.21423	12.3	12.3	0	ANNUAL	LINE	5
610399.43	4206008.03	0.21191	12.21	12.21	0	ANNUAL	LINE	5
610406.43	4206008.03	0.20953	12.11	12.11	0	ANNUAL	LINE	5
610413.43	4206008.03	0.20705	12.02	12.02	0	ANNUAL	LINE	5
610420.43	4206008.03	0.20442	12	12	0	ANNUAL	LINE	5
610427.43	4206008.03	0.2017	12	12	0	ANNUAL	LINE	5
610434.43	4206008.03	0.1989	12	12	0	ANNUAL	LINE	5
610441.43	4206008.03	0.19604	11.99	11.99	0	ANNUAL	LINE	5
610448.43	4206008.03	0.1931	11.99	11.99	0	ANNUAL	LINE	5
610455.43	4206008.03	0.19008	11.99	11.99	0	ANNUAL	LINE	5

610462.43	4206008.03	0.18701	11.99	11.99	0	ANNUAL	LINE	5
610469.43	4206008.03	0.18386	11.99	11.99	0	ANNUAL	LINE	5
610476.43	4206008.03	0.18065	11.99	11.99	0	ANNUAL	LINE	5
610483.43	4206008.03	0.17738	11.99	11.99	0	ANNUAL	LINE	5
610504.43	4206008.03	0.16736	11.77	11.77	0	ANNUAL	LINE	5
610511.43	4206008.03	0.16393	11.68	11.68	0	ANNUAL	LINE	5
610518.43	4206008.03	0.16045	11.58	11.58	0	ANNUAL	LINE	5
610525.43	4206008.03	0.15693	11.49	11.49	0	ANNUAL	LINE	5
610532.43	4206008.03	0.15338	11.39	11.39	0	ANNUAL	LINE	5
610539.43	4206008.03	0.14979	11.3	11.3	0	ANNUAL	LINE	5
610546.43	4206008.03	0.14618	11.2	11.2	0	ANNUAL	LINE	5
610553.43	4206008.03	0.14255	11.11	11.11	0	ANNUAL	LINE	5
610560.43	4206008.03	0.13891	11.01	11.01	0	ANNUAL	LINE	5
610567.43	4206008.03	0.13528	10.91	10.91	0	ANNUAL	LINE	5
610574.43	4206008.03	0.13164	10.82	10.82	0	ANNUAL	LINE	5
610581.43	4206008.03	0.12801	10.72	10.72	0	ANNUAL	LINE	5
610588.43	4206008.03	0.1244	10.63	10.63	0	ANNUAL	LINE	5
610595.43	4206008.03	0.12081	10.53	10.53	0	ANNUAL	LINE	5
610602.43	4206008.03	0.11725	10.44	10.44	0	ANNUAL	LINE	5
610609.43	4206008.03	0.11372	10.34	10.34	0	ANNUAL	LINE	5
610616.43	4206008.03	0.11023	10.24	10.24	0	ANNUAL	LINE	5
610623.43	4206008.03	0.10679	10.15	10.15	0	ANNUAL	LINE	5
610630.43	4206008.03	0.10339	10.05	10.05	0	ANNUAL	LINE	5
610637.43	4206008.03	0.10004	9.96	9.96	0	ANNUAL	LINE	5
610644.43	4206008.03	0.09676	9.86	9.86	0	ANNUAL	LINE	5
610651.43	4206008.03	0.09354	9.77	9.77	0	ANNUAL	LINE	5
610658.43	4206008.03	0.09039	9.68	9.68	0	ANNUAL	LINE	5
610686.43	4206008.03	0.07861	9.3	9.3	0	ANNUAL	LINE	5
610693.43	4206008.03	0.07588	9.21	9.21	0	ANNUAL	LINE	5
610700.43	4206008.03	0.07326	9.12	9.12	0	ANNUAL	LINE	5
610707.43	4206008.03	0.07073	9.02	9.02	0	ANNUAL	LINE	5
610714.43	4206008.03	0.0683	9.02	9.02	0	ANNUAL	LINE	5
610721.43	4206008.03	0.06598	9.02	9.02	0	ANNUAL	LINE	5
610728.43	4206008.03	0.06376	9.02	9.02	0	ANNUAL	LINE	5
610735.43	4206008.03	0.06164	9.02	9.02	0	ANNUAL	LINE	5
610742.43	4206008.03	0.05962	9.01	9.01	0	ANNUAL	LINE	5
610749.43	4206008.03	0.05769	9.01	9.01	0	ANNUAL	LINE	5
610756.43	4206008.03	0.05587	9.01	9.01	0	ANNUAL	LINE	5
610763.43	4206008.03	0.05413	9.01	9.01	0	ANNUAL	LINE	5
610770.43	4206008.03	0.05249	9	9	0	ANNUAL	LINE	5
610777.43	4206008.03	0.05093	9	9	0	ANNUAL	LINE	5
610784.43	4206008.03	0.04946	9	9	0	ANNUAL	LINE	5
610791.43	4206008.03	0.04806	9	9	0	ANNUAL	LINE	5
610798.43	4206008.03	0.04673	9	9	0	ANNUAL	LINE	5
610805.43	4206008.03	0.04548	9	9	0	ANNUAL	LINE	5
610812.43	4206008.03	0.04429	9	9	0	ANNUAL	LINE	5
610819.43	4206008.03	0.04316	9	9	0	ANNUAL	LINE	5
610826.43	4206008.03	0.04209	9	9	0	ANNUAL	LINE	5
610833.43	4206008.03	0.04107	9	9	0	ANNUAL	LINE	5
610840.43	4206008.03	0.0401	9	9	0	ANNUAL	LINE	5
610847.43	4206008.03	0.03917	9	9	0	ANNUAL	LINE	5
610854.43	4206008.03	0.03829	9	9	0	ANNUAL	LINE	5
610861.43	4206008.03	0.03745	9	9	0	ANNUAL	LINE	5
610868.43	4206008.03	0.03664	9	9	0	ANNUAL	LINE	5
610875.43	4206008.03	0.03587	9	9	0	ANNUAL	LINE	5
610882.43	4206008.03	0.03513	9	9	0	ANNUAL	LINE	5
610889.43	4206008.03	0.03441	9	9	0	ANNUAL	LINE	5
610896.43	4206008.03	0.03373	9	9	0	ANNUAL	LINE	5
610903.43	4206008.03	0.03307	9	9	0	ANNUAL	LINE	5
610910.43	4206008.03	0.03243	9	9	0	ANNUAL	LINE	5
610917.43	4206008.03	0.03182	9	9	0	ANNUAL	LINE	5
610924.43	4206008.03	0.03122	9	9	0	ANNUAL	LINE	5
610931.43	4206008.03	0.03065	9	9	0	ANNUAL	LINE	5
610938.43	4206008.03	0.03009	9	9	0	ANNUAL	LINE	5
610945.43	4206008.03	0.02956	9	9	0	ANNUAL	LINE	5
610952.43	4206008.03	0.02904	9	9	0	ANNUAL	LINE	5
610959.43	4206008.03	0.02853	9	9	0	ANNUAL	LINE	5
610966.43	4206008.03	0.02804	9	9	0	ANNUAL	LINE	5
610987.43	4206008.03	0.02665	9	9	0	ANNUAL	LINE	5
610994.43	4206008.03	0.02621	9	9	0	ANNUAL	LINE	5
611001.43	4206008.03	0.02579	9	9	0	ANNUAL	LINE	5
611008.43	4206008.03	0.02538	9	9	0	ANNUAL	LINE	5
611015.43	4206008.03	0.02498	9	9	0	ANNUAL	LINE	5
611022.43	4206008.03	0.02459	9	9	0	ANNUAL	LINE	5
611029.43	4206008.03	0.02421	9	9	0	ANNUAL	LINE	5
611036.43	4206008.03	0.02384	9	9	0	ANNUAL	LINE	5
611043.43	4206008.03	0.02348	9	9	0	ANNUAL	LINE	5
611050.43	4206008.03	0.02312	9	9	0	ANNUAL	LINE	5
611057.43	4206008.03	0.02278	9	9	0	ANNUAL	LINE	5
611064.43	4206008.03	0.02245	9	9	0	ANNUAL	LINE	5
611071.43	4206008.03	0.02213	9	9	0	ANNUAL	LINE	5
611078.43	4206008.03	0.02181	9	9	0	ANNUAL	LINE	5
610294.43	4206015.03	0.24912	12.89	12.89	0	ANNUAL	LINE	5
610301.43	4206015.03	0.24756	12.89	12.89	0	ANNUAL	LINE	5
610308.43	4206015.03	0.24595	12.89	12.89	0	ANNUAL	LINE	5
610315.43	4206015.03	0.24428	12.89	12.89	0	ANNUAL	LINE	5
610322.43	4206015.03	0.24254	12.89	12.89	0	ANNUAL	LINE	5
610329.43	4206015.03	0.24075	12.89	12.89	0	ANNUAL	LINE	5
610336.43	4206015.03	0.2389	12.89	12.89	0	ANNUAL	LINE	5
610343.43	4206015.03	0.237	12.87	12.87	0	ANNUAL	LINE	5
610350.43	4206015.03	0.23512	12.79	12.79	0	ANNUAL	LINE	5
610357.43	4206015.03	0.23318	12.7	12.7	0	ANNUAL	LINE	5
610364.43	4206015.03	0.23117	12.62	12.62	0	ANNUAL	LINE	5
610371.43	4206015.03	0.22911	12.53	12.53	0	ANNUAL	LINE	5
610378.43	4206015.03	0.22697	12.45	12.45	0	ANNUAL	LINE	5
610385.43	4206015.03	0.22477	12.36	12.36	0	ANNUAL	LINE	5
610392.43	4206015.03	0.22249	12.27	12.27	0	ANNUAL	LINE	5
610399.43	4206015.03	0.22011	12.19	12.19	0	ANNUAL	LINE	5
610406.43	4206015.03	0.21766	12.1	12.1	0	ANNUAL	LINE	5
610413.43	4206015.03	0.21512	12.02	12.02	0	ANNUAL	LINE	5
610420.43	4206015.03	0.21243	11.99	11.99	0	ANNUAL	LINE	5
610427.43	4206015.03	0.20964	11.98	11.98	0	ANNUAL	LINE	5
610434.43	4206015.03	0.20676	11.98	11.98	0	ANNUAL	LINE	5
610441.43	4206015.03	0.20382	11.97	11.97	0	ANNUAL	LINE	5
610448.43	4206015.03	0.2008	11.96	11.96	0	ANNUAL	LINE	5
610455.43	4206015.03	0.1977	11.95	11.95	0	ANNUAL	LINE	5
610462.43	4206015.03	0.19452	11.94	11.94	0	ANNUAL	LINE	5
610469.43	4206015.03	0.19127	11.93	11.93	0	ANNUAL	LINE	5
610476.43	4206015.03	0.18795	11.93	11.93	0	ANNUAL	LINE	5
610483.43	4206015.03	0.18456	11.92	11.92	0	ANNUAL	LINE	5
610504.43	4206015.03	0.17414	11.71	11.71	0	ANNUAL	LINE	5
610511.43	4206015.03	0.17056	11.62	11.62	0	ANNUAL	LINE	5
610518.43	4206015.03	0.16692	11.54	11.54	0	ANNUAL	LINE	5
610525.43	4206015.03	0.16325	11.45	11.45	0	ANNUAL	LINE	5
610532.43	4206015.03	0.15953	11.36	11.36	0	ANNUAL	LINE	5
610539.43	4206015.03	0.15578	11.27	11.27	0	ANNUAL	LINE	5
610546.43	4206015.03	0.152	11.18	11.18	0	ANNUAL	LINE	5
610553.43	4206015.03	0.14819	11.1	11.1	0	ANNUAL	LINE	5
610560.43	4206015.03	0.14438	11.01	11.01	0	ANNUAL	LINE	5
610567.43	4206015.03	0.14057	10.91	10.91	0	ANNUAL	LINE	5
610574.43	4206015.03	0.13675	10.82	10.82	0	ANNUAL	LINE	5
610581.43	4206015.03	0.13295	10.72	10.72	0	ANNUAL	LINE	5
610588.43	4206015.03	0.12915	10.63	10.63	0	ANNUAL	LINE	5
610595.43	4206015.03	0.12538	10.53	10.53	0	ANNUAL	LINE	5
610602.43	4206015.03	0.12164	10.43	10.43	0	ANNUAL	LINE	5
610609.43	4206015.03	0.11793	10.34	10.34	0	ANNUAL	LINE	5
610616.43	4206015.03	0.11427	10.24	10.24	0	ANNUAL	LINE	5
610623.43	4206015.03	0.11064	10.15	10.15	0	ANNUAL	LINE	5
610630.43	4206015.03	0.10707	10.05	10.05	0	ANNUAL	LINE	5
610637.43	4206015.03	0.10355	9.96	9.96	0	ANNUAL	LINE	5
610644.43	4206015.03	0.1001	9.86	9.86	0	ANNUAL	LINE	5
610651.43	4206015.03	0.09672	9.77	9.77	0	ANNUAL	LINE	5
610658.43	4206015.03	0.09341	9.67	9.67	0	ANNUAL	LINE	5
610687.33	4206013.76	0.08023	9.27	9.27	0	ANNUAL	LINE	5
610700.43	4206015.03	0.07545	9.1	9.1	0	ANNUAL	LINE	5
610777.43	4206015.03	0.05221	9	9	0	ANNUAL	LINE	5
610784.43	4206015.03	0.05068	9	9	0	ANNUAL	LINE	5
610791.43	4206015.03	0.04924	9	9	0	ANNUAL	LINE	5
610798.43	4206015.03	0.04787	9	9	0	ANNUAL	LINE	5
610805.43	4206015.03	0.04658	9	9	0	ANNUAL	LINE	5
610812.43	4206015.03	0.04535	9	9	0	ANNUAL	LINE	5
610819.43	4206015.03	0.04419	9	9	0	ANNUAL	LINE	5
610826.43	4206015.03	0.04308	9	9	0	ANNUAL	LINE	5
610833.43	4206015.03	0.04203	9	9	0	ANNUAL	LINE	5
610840.43	4206015.03	0.04103	9	9	0	ANNUAL	LINE	5
610847.43	4206015.03	0.04008	9	9	0	ANNUAL	LINE	5
610854.43	4206015.03	0.03917	9	9	0	ANNUAL	LINE	5
610861.43	4206015.03	0.0383	9	9	0	ANNUAL	LINE	5
610868.43	4206015.03	0.03747	9	9	0	ANNUAL	LINE	5
610875.43	4206015.03	0.03668	9	9	0	ANNUAL	LINE	5
610882.43	4206015.03	0.03591	9	9	0	ANNUAL	LINE	5
610889.43	4206015.03	0.03518	9	9	0	ANNUAL	LINE	5
610896.43	4206015.03	0.03448	9	9	0	ANNUAL	LINE	5
610903.43	4206015.03	0.0338	9	9	0	ANNUAL	LINE	5
610910.43	4206015.03	0.03314	9	9	0	ANNUAL	LINE	5
610917.43	4206015.03	0.03251	9	9	0	ANNUAL	LINE	5
610924.43	4206015.03	0.0319	9	9	0	ANNUAL	LINE	5
610931.43	4206015.03	0.03131	9	9	0	ANNUAL	LINE	5
610938.43	4206015.03	0.03074	9	9	0	ANNUAL	LINE	5
610945.43	4206015.03	0.03018	9	9	0	ANNUAL	LINE	5
610952.43	4206015.03	0.02965	9	9	0	ANNUAL	LINE	5
610959.43	4206015.03	0.02913	9	9	0	ANNUAL	LINE	5
610987.43	4206015.03	0.0272	9	9	0	ANNUAL	LINE	5
610994.43	4206015.03	0.02675	9	9	0	ANNUAL	LINE	5
611001.43	4206015.03	0.02631	9	9	0	ANNUAL	LINE	5
611008.43	4206015.03	0.02589	9	9	0	ANNUAL	LINE	5
611015.43	4206015.03	0.02548	9	9	0	ANNUAL	LINE	5
611022.43	4206015.03	0.02507	9	9	0	ANNUAL	LINE	5
611029.43	4206015.03	0.02468	9	9	0	ANNUAL	LINE	5
611036.43	4206015.03	0.02431	9	9	0	ANNUAL	LINE	5
611043.43	4206015.03	0.02394	9	9	0	ANNUAL	LINE	5
611050.43	4206015.03	0.02358	9	9	0	ANNUAL	LINE	5
611057.43	4206015.03	0.02323	9	9	0	ANNUAL	LINE	5
611064.43	4206015.03	0.02289	9	9	0	ANNUAL	LINE	5
611071.43	4206015.03	0.02256	9	9	0	ANNUAL	LINE	5
611078.43	4206015.03	0.02223	9	9	0	ANNUAL	LINE	5
611085.43	4206015.03	0.02192	9	9	0	ANNUAL	LINE	5
610294.43	4206022.03	0.25824	12.81	12.81	0	ANNUAL	LINE	5
610301.43	4206022.03	0.25668	12.81	12.81	0	ANNUAL	LINE	5
610308.43	4206022.03	0.25505	12.81	12.81	0	ANNUAL	LINE	5
610315.43	4206022.03	0.25336	12.81	12.81	0	ANNUAL	LINE	5
610322.43	4206022.03	0.2516	12.82	12.82	0	ANNUAL	LINE	5
610329.43	4206022.03	0.24979	12.82	12.82	0	ANNUAL	LINE	5
610336.43	4206022.03	0.24792	12.82	12.82	0	ANNUAL	LINE	5
610343.43	4206022.03	0.246	12.8	12.8	0	ANNUAL	LINE	5
610350.43	4206022.03	0.24409	12.72	12.72	0	ANNUAL	LINE	5
610357.43	4206022.03	0.24212	12.64	12.64	0	ANNUAL	LINE	5
610364.43	4206022.03	0.24009	12.56	12.56	0	ANNUAL	LINE	5
610371.43	4206022.03	0.23797	12.49	12.49	0	ANNUAL	LINE	5
610378.43	4206022.03	0.2358	12.41	12.41	0	ANNUAL	LINE	5
610385.43	4206022.03	0.23355	12.33	12.33	0	ANNUAL	LINE	5
610392.43	4206022.03	0.23121	12.25	12.25	0	ANNUAL	LINE	5
610399.43	4206022.03	0.22878	12.17	12.17	0	ANNUAL	LINE	5
610406.43	4206022.03	0.22627	12.09	12.09	0	ANNUAL	LINE	5
610413.43	4206022.03	0.22366	12.01	12.01	0	ANNUAL	LINE	5
610420.43	4206022.03	0.2209	11.99	11.99	0	ANNUAL	LINE	5
610427.43	4206022.03	0.21805	11.97	11.97	0	ANNUAL	LINE	5
610434.43	4206022.03	0.21511	11.95	11.95	0	ANNUAL	LINE	5
610441.43	4206022.03	0.21208	11.94	11.94	0	ANNUAL	LINE	5
610448.43	4206022.03	0.20897	11.92	11.92	0	ANNUAL	LINE	5
610455.43	4206022.03	0.20577	11.91	11.91	0	ANNUAL	LINE	5
610462.43	4206022.03	0.2025	11.89	11.89	0	ANNUAL	LINE	5
610469.43	4206022.03	0.19914	11.88	11.88	0	ANNUAL	LINE	5
610476.43	4206022.03	0.19571	11.86	11.86	0	ANNUAL	LINE	5
610483.43	4206022.03	0.19219	11.85	11.85	0	ANNUAL	LINE	5
610504.43	4206022.03	0.18135	11.65	11.65	0	ANNUAL	LINE	5
610511.43	4206022.03	0.17761	11.57	11.57	0	ANNUAL	LINE	5
610518.43	4206022.03	0.17381	11.49	11.49	0	ANNUAL	LINE	5
610525.43	4206022.03	0.16997	11.41	11.41	0	ANNUAL	LINE	5
610532.43	4206022.03	0.16608	11.33	11.33	0	ANNUAL	LINE	5
610539.43	4206022.03	0.16215	11.25	11.25	0	ANNUAL	LINE	5

610546.43	4206022.03	0.15818	11.17	11.17	0	ANNUAL	LINE	5
610553.43	4206022.03	0.1542	11.09	11.09	0	ANNUAL	LINE	5
610560.43	4206022.03	0.1502	11.01	11.01	0	ANNUAL	LINE	5
610567.43	4206022.03	0.1462	10.91	10.91	0	ANNUAL	LINE	5
610574.43	4206022.03	0.14219	10.82	10.82	0	ANNUAL	LINE	5
610581.43	4206022.03	0.1382	10.72	10.72	0	ANNUAL	LINE	5
610588.43	4206022.03	0.13421	10.62	10.62	0	ANNUAL	LINE	5
610595.43	4206022.03	0.13025	10.53	10.53	0	ANNUAL	LINE	5
610602.43	4206022.03	0.12631	10.43	10.43	0	ANNUAL	LINE	5
610609.43	4206022.03	0.12241	10.34	10.34	0	ANNUAL	LINE	5
610777.43	4206022.03	0.05355	9	9	0	ANNUAL	LINE	5
610784.43	4206022.03	0.05197	9	9	0	ANNUAL	LINE	5
610791.43	4206022.03	0.05047	9	9	0	ANNUAL	LINE	5
610798.43	4206022.03	0.04906	9	9	0	ANNUAL	LINE	5
610805.43	4206022.03	0.04772	9	9	0	ANNUAL	LINE	5
610812.43	4206022.03	0.04646	9	9	0	ANNUAL	LINE	5
610819.43	4206022.03	0.04526	9	9	0	ANNUAL	LINE	5
610826.43	4206022.03	0.04412	9	9	0	ANNUAL	LINE	5
610833.43	4206022.03	0.04304	9	9	0	ANNUAL	LINE	5
610840.43	4206022.03	0.04201	9	9	0	ANNUAL	LINE	5
610847.43	4206022.03	0.04103	9	9	0	ANNUAL	LINE	5
610854.43	4206022.03	0.04009	9	9	0	ANNUAL	LINE	5
610861.43	4206022.03	0.0392	9	9	0	ANNUAL	LINE	5
610868.43	4206022.03	0.03834	9	9	0	ANNUAL	LINE	5
610875.43	4206022.03	0.03752	9	9	0	ANNUAL	LINE	5
610882.43	4206022.03	0.03674	9	9	0	ANNUAL	LINE	5
610889.43	4206022.03	0.03598	9	9	0	ANNUAL	LINE	5
610896.43	4206022.03	0.03526	9	9	0	ANNUAL	LINE	5
610903.43	4206022.03	0.03456	9	9	0	ANNUAL	LINE	5
610910.43	4206022.03	0.03388	9	9	0	ANNUAL	LINE	5
610917.43	4206022.03	0.03323	9	9	0	ANNUAL	LINE	5
610924.43	4206022.03	0.0326	9	9	0	ANNUAL	LINE	5
610931.43	4206022.03	0.03199	9	9	0	ANNUAL	LINE	5
610938.43	4206022.03	0.0314	9	9	0	ANNUAL	LINE	5
610945.43	4206022.03	0.03083	9	9	0	ANNUAL	LINE	5
610952.43	4206022.03	0.03028	9	9	0	ANNUAL	LINE	5
610959.43	4206022.03	0.02975	9	9	0	ANNUAL	LINE	5
610980.43	4206022.03	0.02824	9	9	0	ANNUAL	LINE	5
610987.43	4206022.03	0.02776	9	9	0	ANNUAL	LINE	5
610994.43	4206022.03	0.0273	9	9	0	ANNUAL	LINE	5
611001.43	4206022.03	0.02685	9	9	0	ANNUAL	LINE	5
611008.43	4206022.03	0.02642	9	9	0	ANNUAL	LINE	5
611015.43	4206022.03	0.026	9	9	0	ANNUAL	LINE	5
611022.43	4206022.03	0.02558	9	9	0	ANNUAL	LINE	5
611029.43	4206022.03	0.02518	9	9	0	ANNUAL	LINE	5
611036.43	4206022.03	0.0248	9	9	0	ANNUAL	LINE	5
611043.43	4206022.03	0.02442	9	9	0	ANNUAL	LINE	5
611050.43	4206022.03	0.02405	9	9	0	ANNUAL	LINE	5
611057.43	4206022.03	0.02369	9	9	0	ANNUAL	LINE	5
611064.43	4206022.03	0.02334	9	9	0	ANNUAL	LINE	5
611071.43	4206022.03	0.023	9	9	0	ANNUAL	LINE	5
611078.43	4206022.03	0.02267	9	9	0	ANNUAL	LINE	5
611085.43	4206022.03	0.02235	9	9	0	ANNUAL	LINE	5
610294.43	4206029.03	0.26785	12.74	12.74	0	ANNUAL	LINE	5
610301.43	4206029.03	0.26627	12.74	12.74	0	ANNUAL	LINE	5
610308.43	4206029.03	0.26463	12.74	12.74	0	ANNUAL	LINE	5
610315.43	4206029.03	0.26293	12.74	12.74	0	ANNUAL	LINE	5
610322.43	4206029.03	0.26117	12.74	12.74	0	ANNUAL	LINE	5
610329.43	4206029.03	0.25934	12.74	12.74	0	ANNUAL	LINE	5
610336.43	4206029.03	0.25745	12.74	12.74	0	ANNUAL	LINE	5
610343.43	4206029.03	0.25551	12.72	12.72	0	ANNUAL	LINE	5
610350.43	4206029.03	0.25358	12.65	12.65	0	ANNUAL	LINE	5
610357.43	4206029.03	0.25157	12.58	12.58	0	ANNUAL	LINE	5
610364.43	4206029.03	0.2495	12.51	12.51	0	ANNUAL	LINE	5
610371.43	4206029.03	0.24736	12.44	12.44	0	ANNUAL	LINE	5
610378.43	4206029.03	0.24514	12.37	12.37	0	ANNUAL	LINE	5
610385.43	4206029.03	0.24283	12.3	12.3	0	ANNUAL	LINE	5
610392.43	4206029.03	0.24044	12.23	12.23	0	ANNUAL	LINE	5
610399.43	4206029.03	0.23796	12.15	12.15	0	ANNUAL	LINE	5
610406.43	4206029.03	0.23538	12.08	12.08	0	ANNUAL	LINE	5
610413.43	4206029.03	0.2327	12.01	12.01	0	ANNUAL	LINE	5
610420.43	4206029.03	0.22988	11.98	11.98	0	ANNUAL	LINE	5
610427.43	4206029.03	0.22696	11.96	11.96	0	ANNUAL	LINE	5
610434.43	4206029.03	0.22395	11.93	11.93	0	ANNUAL	LINE	5
610441.43	4206029.03	0.22084	11.91	11.91	0	ANNUAL	LINE	5
610448.43	4206029.03	0.21763	11.89	11.89	0	ANNUAL	LINE	5
610455.43	4206029.03	0.21434	11.87	11.87	0	ANNUAL	LINE	5
610462.43	4206029.03	0.21097	11.84	11.84	0	ANNUAL	LINE	5
610469.43	4206029.03	0.2075	11.82	11.82	0	ANNUAL	LINE	5
610476.43	4206029.03	0.20394	11.8	11.8	0	ANNUAL	LINE	5
610483.43	4206029.03	0.20031	11.78	11.78	0	ANNUAL	LINE	5
610504.43	4206029.03	0.18902	11.59	11.59	0	ANNUAL	LINE	5
610511.43	4206029.03	0.18511	11.52	11.52	0	ANNUAL	LINE	5
610518.43	4206029.03	0.18115	11.45	11.45	0	ANNUAL	LINE	5
610525.43	4206029.03	0.17713	11.37	11.37	0	ANNUAL	LINE	5
610532.43	4206029.03	0.17305	11.3	11.3	0	ANNUAL	LINE	5
610539.43	4206029.03	0.16894	11.23	11.23	0	ANNUAL	LINE	5
610546.43	4206029.03	0.16479	11.15	11.15	0	ANNUAL	LINE	5
610553.43	4206029.03	0.16061	11.08	11.08	0	ANNUAL	LINE	5
610560.43	4206029.03	0.15641	11	11	0	ANNUAL	LINE	5
610567.43	4206029.03	0.1522	10.91	10.91	0	ANNUAL	LINE	5
610574.43	4206029.03	0.148	10.81	10.81	0	ANNUAL	LINE	5
610581.43	4206029.03	0.14379	10.72	10.72	0	ANNUAL	LINE	5
610588.43	4206029.03	0.1396	10.62	10.62	0	ANNUAL	LINE	5
610595.43	4206029.03	0.13543	10.53	10.53	0	ANNUAL	LINE	5
610602.43	4206029.03	0.13128	10.43	10.43	0	ANNUAL	LINE	5
610609.43	4206029.03	0.12717	10.34	10.34	0	ANNUAL	LINE	5
610777.43	4206029.03	0.05495	9	9	0	ANNUAL	LINE	5
610784.43	4206029.03	0.05331	9	9	0	ANNUAL	LINE	5
610791.43	4206029.03	0.05177	9	9	0	ANNUAL	LINE	5
610798.43	4206029.03	0.05031	9	9	0	ANNUAL	LINE	5
610805.43	4206029.03	0.04893	9	9	0	ANNUAL	LINE	5
610833.43	4206029.03	0.04409	9	9	0	ANNUAL	LINE	5
610840.43	4206029.03	0.04303	9	9	0	ANNUAL	LINE	5
610847.43	4206029.03	0.04202	9	9	0	ANNUAL	LINE	5
610854.43	4206029.03	0.04105	9	9	0	ANNUAL	LINE	5
610861.43	4206029.03	0.04013	9	9	0	ANNUAL	LINE	5
610868.43	4206029.03	0.03925	9	9	0	ANNUAL	LINE	5
610875.43	4206029.03	0.03841	9	9	0	ANNUAL	LINE	5
610882.43	4206029.03	0.0376	9	9	0	ANNUAL	LINE	5
610889.43	4206029.03	0.03682	9	9	0	ANNUAL	LINE	5
610896.43	4206029.03	0.03607	9	9	0	ANNUAL	LINE	5
610903.43	4206029.03	0.03535	9	9	0	ANNUAL	LINE	5
610910.43	4206029.03	0.03465	9	9	0	ANNUAL	LINE	5
610917.43	4206029.03	0.03398	9	9	0	ANNUAL	LINE	5
610924.43	4206029.03	0.03333	9	9	0	ANNUAL	LINE	5
610931.43	4206029.03	0.03271	9	9	0	ANNUAL	LINE	5
610938.43	4206029.03	0.0321	9	9	0	ANNUAL	LINE	5
610945.43	4206029.03	0.03151	9	9	0	ANNUAL	LINE	5
610952.43	4206029.03	0.03095	9	9	0	ANNUAL	LINE	5
610987.43	4206029.03	0.02835	9	9	0	ANNUAL	LINE	5
610994.43	4206029.03	0.02788	9	9	0	ANNUAL	LINE	5
611001.43	4206029.03	0.02742	9	9	0	ANNUAL	LINE	5
611008.43	4206029.03	0.02697	9	9	0	ANNUAL	LINE	5
611015.43	4206029.03	0.02654	9	9	0	ANNUAL	LINE	5
611022.43	4206029.03	0.02612	9	9	0	ANNUAL	LINE	5
611029.43	4206029.03	0.02571	9	9	0	ANNUAL	LINE	5
611036.43	4206029.03	0.02531	9	9	0	ANNUAL	LINE	5
611043.43	4206029.03	0.02492	9	9	0	ANNUAL	LINE	5
611050.43	4206029.03	0.02454	9	9	0	ANNUAL	LINE	5
611057.43	4206029.03	0.02418	9	9	0	ANNUAL	LINE	5
611064.43	4206029.03	0.02382	9	9	0	ANNUAL	LINE	5
611071.43	4206029.03	0.02347	9	9	0	ANNUAL	LINE	5
611078.43	4206029.03	0.02313	9	9	0	ANNUAL	LINE	5
611085.43	4206029.03	0.02281	9	9	0	ANNUAL	LINE	5
610294.43	4206036.03	0.27799	12.66	12.66	0	ANNUAL	LINE	5
610301.43	4206036.03	0.27641	12.66	12.66	0	ANNUAL	LINE	5
610308.43	4206036.03	0.27476	12.66	12.66	0	ANNUAL	LINE	5
610315.43	4206036.03	0.27305	12.66	12.66	0	ANNUAL	LINE	5
610322.43	4206036.03	0.27128	12.66	12.66	0	ANNUAL	LINE	5
610329.43	4206036.03	0.26942	12.67	12.67	0	ANNUAL	LINE	5
610336.43	4206036.03	0.26751	12.67	12.67	0	ANNUAL	LINE	5
610343.43	4206036.03	0.26556	12.65	12.65	0	ANNUAL	LINE	5
610350.43	4206036.03	0.2636	12.58	12.58	0	ANNUAL	LINE	5
610357.43	4206036.03	0.26156	12.52	12.52	0	ANNUAL	LINE	5
610364.43	4206036.03	0.25946	12.46	12.46	0	ANNUAL	LINE	5
610371.43	4206036.03	0.25729	12.39	12.39	0	ANNUAL	LINE	5
610378.43	4206036.03	0.25502	12.33	12.33	0	ANNUAL	LINE	5
610385.43	4206036.03	0.25266	12.27	12.27	0	ANNUAL	LINE	5
610392.43	4206036.03	0.25023	12.2	12.2	0	ANNUAL	LINE	5
610399.43	4206036.03	0.24767	12.14	12.14	0	ANNUAL	LINE	5
610406.43	4206036.03	0.24504	12.07	12.07	0	ANNUAL	LINE	5
610413.43	4206036.03	0.24229	12.01	12.01	0	ANNUAL	LINE	5
610420.43	4206036.03	0.23941	11.97	11.97	0	ANNUAL	LINE	5
610427.43	4206036.03	0.23642	11.94	11.94	0	ANNUAL	LINE	5
610434.43	4206036.03	0.23333	11.91	11.91	0	ANNUAL	LINE	5
610441.43	4206036.03	0.23014	11.88	11.88	0	ANNUAL	LINE	5
610448.43	4206036.03	0.22685	11.85	11.85	0	ANNUAL	LINE	5
610455.43	4206036.03	0.22346	11.82	11.82	0	ANNUAL	LINE	5
610462.43	4206036.03	0.21997	11.79	11.79	0	ANNUAL	LINE	5
610469.43	4206036.03	0.21639	11.76	11.76	0	ANNUAL	LINE	5
610476.43	4206036.03	0.21272	11.73	11.73	0	ANNUAL	LINE	5
610483.43	4206036.03	0.20894	11.71	11.71	0	ANNUAL	LINE	5
610504.43	4206036.03	0.19719	11.53	11.53	0	ANNUAL	LINE	5
610511.43	4206036.03	0.19311	11.47	11.47	0	ANNUAL	LINE	5
610518.43	4206036.03	0.18897	11.4	11.4	0	ANNUAL	LINE	5
610525.43	4206036.03	0.18476	11.34	11.34	0	ANNUAL	LINE	5
610532.43	4206036.03	0.1805	11.27	11.27	0	ANNUAL	LINE	5
610539.43	4206036.03	0.17618	11.2	11.2	0	ANNUAL	LINE	5
610546.43	4206036.03	0.17183	11.14	11.14	0	ANNUAL	LINE	5
610553.43	4206036.03	0.16744	11.07	11.07	0	ANNUAL	LINE	5
610560.43	4206036.03	0.16303	11	11	0	ANNUAL	LINE	5
610567.43	4206036.03	0.15861	10.91	10.91	0	ANNUAL	LINE	5
610574.43	4206036.03	0.15419	10.81	10.81	0	ANNUAL	LINE	5
610581.43	4206036.03	0.14976	10.72	10.72	0	ANNUAL	LINE	5
610588.43	4206036.03	0.14535	10.62	10.62	0	ANNUAL	LINE	5
610595.43	4206036.03	0.14095	10.53	10.53	0	ANNUAL	LINE	5
610602.43	4206036.03	0.13659	10.43	10.43	0	ANNUAL	LINE	5
610609.43	4206036.03	0.13225	10.34	10.34	0	ANNUAL	LINE	5
610777.43	4206036.03	0.05642	9	9	0	ANNUAL	LINE	5
610784.43	4206036.03	0.05472	9	9	0	ANNUAL	LINE	5
610791.43	4206036.03	0.05312	9	9	0	ANNUAL	LINE	5
610798.43	4206036.03	0.05161	9	9	0	ANNUAL	LINE	5
610805.43	4206036.03	0.05019	9	9	0	ANNUAL	LINE	5
610840.43	4206036.03	0.0441	9	9	0	ANNUAL	LINE	5
610847.43	4206036.03	0.04306	9	9	0	ANNUAL	LINE	5
610854.43	4206036.03	0.04206	9	9	0	ANNUAL	LINE	5
610861.43	4206036.03	0.04111	9	9	0	ANNUAL	LINE	5
610868.43	4206036.03	0.0402	9	9	0	ANNUAL	LINE	5
610875.43	4206036.03	0.03933	9	9	0	ANNUAL	LINE	5
610882.43	4206036.03	0.0385	9	9	0	ANNUAL	LINE	5
610889.43	4206036.03	0.03769	9	9	0	ANNUAL	LINE	5
610896.43	4206036.03	0.03692	9	9	0	ANNUAL	LINE	5
610903.43	4206036.03	0.03618	9	9	0	ANNUAL	LINE	5
610910.43	4206036.03	0.03546	9	9	0	ANNUAL	LINE	5
610917.43	4206036.03	0.03477	9	9	0	ANNUAL	LINE	5
610924.43	4206036.03	0.0341	9	9	0	ANNUAL	LINE	5
610931.43	4206036.03	0.03345	9	9	0	ANNUAL	LINE	5
610938.43	4206036.03	0.03283	9	9	0	ANNUAL	LINE	5
610945.43	4206036.03	0.03222	9	9	0	ANNUAL	LINE	5
611008.43	4206036.03	0.02755	9	9	0	ANNUAL	LINE	5
611015.43	4206036.03	0.02711	9	9	0	ANNUAL	LINE	5
611022.43	4206036.03	0.02667	9	9	0	ANNUAL	LINE	5
611029.43	4206036.03	0.02625	9	9	0	ANNUAL	LINE	5
611036.43	4206036.03	0.02584	9	9	0	ANNUAL	LINE	5
611043.43	4206036.03	0.02545	9	9	0	ANNUAL	LINE	5
611050.43	4206036.03	0.02506	9	9	0	ANNUAL	LINE	5
611057.43	4206036.03	0.02468	9	9	0	ANNUAL	LINE	5
611064.43	4206036.03	0.02432	9	9	0	ANNUAL	LINE	5
611071.43	4206036.03	0.02396	9	9	0	ANNUAL	LINE	5
611078.43	4206036.03	0.02362	9	9	0	ANNUAL	LINE	5

610294.43	4206043.03	0.2887	12.58	12.58	0	ANNUAL	LINE	5
610301.43	4206043.03	0.2871	12.59	12.59	0	ANNUAL	LINE	5
610308.43	4206043.03	0.28545	12.59	12.59	0	ANNUAL	LINE	5
610315.43	4206043.03	0.28373	12.59	12.59	0	ANNUAL	LINE	5
610322.43	4206043.03	0.28194	12.59	12.59	0	ANNUAL	LINE	5
610329.43	4206043.03	0.28009	12.59	12.59	0	ANNUAL	LINE	5
610336.43	4206043.03	0.27816	12.59	12.59	0	ANNUAL	LINE	5
610343.43	4206043.03	0.27619	12.57	12.57	0	ANNUAL	LINE	5
610350.43	4206043.03	0.2742	12.52	12.52	0	ANNUAL	LINE	5
610357.43	4206043.03	0.27215	12.46	12.46	0	ANNUAL	LINE	5
610364.43	4206043.03	0.27001	12.41	12.41	0	ANNUAL	LINE	5
610371.43	4206043.03	0.2678	12.35	12.35	0	ANNUAL	LINE	5
610378.43	4206043.03	0.2655	12.29	12.29	0	ANNUAL	LINE	5
610385.43	4206043.03	0.26308	12.24	12.24	0	ANNUAL	LINE	5
610392.43	4206043.03	0.26059	12.18	12.18	0	ANNUAL	LINE	5
610399.43	4206043.03	0.25799	12.12	12.12	0	ANNUAL	LINE	5
610406.43	4206043.03	0.25529	12.06	12.06	0	ANNUAL	LINE	5
610413.43	4206043.03	0.25246	12.01	12.01	0	ANNUAL	LINE	5
610420.43	4206043.03	0.24952	11.97	11.97	0	ANNUAL	LINE	5
610427.43	4206043.03	0.24646	11.93	11.93	0	ANNUAL	LINE	5
610434.43	4206043.03	0.2433	11.89	11.89	0	ANNUAL	LINE	5
610441.43	4206043.03	0.24003	11.85	11.85	0	ANNUAL	LINE	5
610448.43	4206043.03	0.23664	11.82	11.82	0	ANNUAL	LINE	5
610455.43	4206043.03	0.23316	11.78	11.78	0	ANNUAL	LINE	5
610462.43	4206043.03	0.22956	11.74	11.74	0	ANNUAL	LINE	5
610469.43	4206043.03	0.22586	11.71	11.71	0	ANNUAL	LINE	5
610476.43	4206043.03	0.22205	11.67	11.67	0	ANNUAL	LINE	5
610483.43	4206043.03	0.21815	11.63	11.63	0	ANNUAL	LINE	5
610497.43	4206043.03	0.21008	11.53	11.53	0	ANNUAL	LINE	5
610504.43	4206043.03	0.20591	11.47	11.47	0	ANNUAL	LINE	5
610511.43	4206043.03	0.20166	11.41	11.41	0	ANNUAL	LINE	5
610518.43	4206043.03	0.19732	11.36	11.36	0	ANNUAL	LINE	5
610525.43	4206043.03	0.19292	11.3	11.3	0	ANNUAL	LINE	5
610532.43	4206043.03	0.18845	11.24	11.24	0	ANNUAL	LINE	5
610539.43	4206043.03	0.18393	11.18	11.18	0	ANNUAL	LINE	5
610546.43	4206043.03	0.17936	11.12	11.12	0	ANNUAL	LINE	5
610553.43	4206043.03	0.17475	11.06	11.06	0	ANNUAL	LINE	5
610560.43	4206043.03	0.17012	11	11	0	ANNUAL	LINE	5
610567.43	4206043.03	0.16547	10.91	10.91	0	ANNUAL	LINE	5
610574.43	4206043.03	0.16081	10.81	10.81	0	ANNUAL	LINE	5
610581.43	4206043.03	0.15615	10.72	10.72	0	ANNUAL	LINE	5
610588.43	4206043.03	0.1515	10.62	10.62	0	ANNUAL	LINE	5
610595.43	4206043.03	0.14686	10.53	10.53	0	ANNUAL	LINE	5
610602.43	4206043.03	0.14225	10.43	10.43	0	ANNUAL	LINE	5
610609.43	4206043.03	0.13768	10.33	10.33	0	ANNUAL	LINE	5
610777.43	4206043.03	0.05796	9	9	0	ANNUAL	LINE	5
610784.43	4206043.03	0.0562	9	9	0	ANNUAL	LINE	5
610791.43	4206043.03	0.05455	9	9	0	ANNUAL	LINE	5
610798.43	4206043.03	0.05298	9	9	0	ANNUAL	LINE	5
610805.43	4206043.03	0.05151	9	9	0	ANNUAL	LINE	5
610840.43	4206043.03	0.04522	9	9	0	ANNUAL	LINE	5
610847.43	4206043.03	0.04414	9	9	0	ANNUAL	LINE	5
610854.43	4206043.03	0.04312	9	9	0	ANNUAL	LINE	5
610861.43	4206043.03	0.04214	9	9	0	ANNUAL	LINE	5
610868.43	4206043.03	0.0412	9	9	0	ANNUAL	LINE	5
610875.43	4206043.03	0.0403	9	9	0	ANNUAL	LINE	5
610882.43	4206043.03	0.03944	9	9	0	ANNUAL	LINE	5
610889.43	4206043.03	0.03861	9	9	0	ANNUAL	LINE	5
610896.43	4206043.03	0.03781	9	9	0	ANNUAL	LINE	5
610903.43	4206043.03	0.03704	9	9	0	ANNUAL	LINE	5
610910.43	4206043.03	0.0363	9	9	0	ANNUAL	LINE	5
610917.43	4206043.03	0.03559	9	9	0	ANNUAL	LINE	5
610924.43	4206043.03	0.0349	9	9	0	ANNUAL	LINE	5
610931.43	4206043.03	0.03423	9	9	0	ANNUAL	LINE	5
610938.43	4206043.03	0.03359	9	9	0	ANNUAL	LINE	5
610966.43	4206043.03	0.03121	9	9	0	ANNUAL	LINE	5
610973.43	4206043.03	0.03066	9	9	0	ANNUAL	LINE	5
610294.43	4206050.03	0.30002	12.51	12.51	0	ANNUAL	LINE	5
610301.43	4206050.03	0.29842	12.51	12.51	0	ANNUAL	LINE	5
610308.43	4206050.03	0.29677	12.51	12.51	0	ANNUAL	LINE	5
610315.43	4206050.03	0.29504	12.51	12.51	0	ANNUAL	LINE	5
610322.43	4206050.03	0.29325	12.51	12.51	0	ANNUAL	LINE	5
610329.43	4206050.03	0.29138	12.51	12.51	0	ANNUAL	LINE	5
610336.43	4206050.03	0.28945	12.51	12.51	0	ANNUAL	LINE	5
610343.43	4206050.03	0.28745	12.5	12.5	0	ANNUAL	LINE	5
610350.43	4206050.03	0.28546	12.45	12.45	0	ANNUAL	LINE	5
610357.43	4206050.03	0.28338	12.4	12.4	0	ANNUAL	LINE	5
610364.43	4206050.03	0.28121	12.35	12.35	0	ANNUAL	LINE	5
610371.43	4206050.03	0.27896	12.3	12.3	0	ANNUAL	LINE	5
610378.43	4206050.03	0.27661	12.25	12.25	0	ANNUAL	LINE	5
610385.43	4206050.03	0.27414	12.21	12.21	0	ANNUAL	LINE	5
610392.43	4206050.03	0.27159	12.16	12.16	0	ANNUAL	LINE	5
610399.43	4206050.03	0.26893	12.11	12.11	0	ANNUAL	LINE	5
610406.43	4206050.03	0.26616	12.06	12.06	0	ANNUAL	LINE	5
610413.43	4206050.03	0.26327	12.01	12.01	0	ANNUAL	LINE	5
610420.43	4206050.03	0.26027	11.96	11.96	0	ANNUAL	LINE	5
610427.43	4206050.03	0.25715	11.91	11.91	0	ANNUAL	LINE	5
610434.43	4206050.03	0.25391	11.87	11.87	0	ANNUAL	LINE	5
610441.43	4206050.03	0.25055	11.83	11.83	0	ANNUAL	LINE	5
610448.43	4206050.03	0.24708	11.78	11.78	0	ANNUAL	LINE	5
610455.43	4206050.03	0.24348	11.74	11.74	0	ANNUAL	LINE	5
610462.43	4206050.03	0.23978	11.69	11.69	0	ANNUAL	LINE	5
610469.43	4206050.03	0.23595	11.65	11.65	0	ANNUAL	LINE	5
610476.43	4206050.03	0.23202	11.6	11.6	0	ANNUAL	LINE	5
610483.43	4206050.03	0.22797	11.56	11.56	0	ANNUAL	LINE	5
610497.43	4206050.03	0.21958	11.46	11.46	0	ANNUAL	LINE	5
610504.43	4206050.03	0.21523	11.41	11.41	0	ANNUAL	LINE	5
610511.43	4206050.03	0.21078	11.36	11.36	0	ANNUAL	LINE	5
610518.43	4206050.03	0.20625	11.31	11.31	0	ANNUAL	LINE	5
610525.43	4206050.03	0.20165	11.26	11.26	0	ANNUAL	LINE	5
610532.43	4206050.03	0.19697	11.21	11.21	0	ANNUAL	LINE	5
610539.43	4206050.03	0.19222	11.16	11.16	0	ANNUAL	LINE	5
610546.43	4206050.03	0.18742	11.11	11.11	0	ANNUAL	LINE	5
610553.43	4206050.03	0.18258	11.05	11.05	0	ANNUAL	LINE	5
610560.43	4206050.03	0.1777	11	11	0	ANNUAL	LINE	5
610567.43	4206050.03	0.17281	10.91	10.91	0	ANNUAL	LINE	5
610574.43	4206050.03	0.1679	10.81	10.81	0	ANNUAL	LINE	5
610581.43	4206050.03	0.16299	10.72	10.72	0	ANNUAL	LINE	5
610588.43	4206050.03	0.15808	10.62	10.62	0	ANNUAL	LINE	5
610595.43	4206050.03	0.15318	10.52	10.52	0	ANNUAL	LINE	5
610602.43	4206050.03	0.14831	10.43	10.43	0	ANNUAL	LINE	5
610609.43	4206050.03	0.14348	10.33	10.33	0	ANNUAL	LINE	5
610777.43	4206050.03	0.05958	9	9	0	ANNUAL	LINE	5
610784.43	4206050.03	0.05776	9	9	0	ANNUAL	LINE	5
610791.43	4206050.03	0.05604	9	9	0	ANNUAL	LINE	5
610798.43	4206050.03	0.05442	9	9	0	ANNUAL	LINE	5
610805.43	4206050.03	0.05289	9	9	0	ANNUAL	LINE	5
610812.43	4206050.03	0.05145	9	9	0	ANNUAL	LINE	5
610833.43	4206050.03	0.04756	9	9	0	ANNUAL	LINE	5
610840.43	4206050.03	0.04639	9	9	0	ANNUAL	LINE	5
610847.43	4206050.03	0.04528	9	9	0	ANNUAL	LINE	5
610854.43	4206050.03	0.04422	9	9	0	ANNUAL	LINE	5
610861.43	4206050.03	0.04321	9	9	0	ANNUAL	LINE	5
610868.43	4206050.03	0.04224	9	9	0	ANNUAL	LINE	5
610875.43	4206050.03	0.04131	9	9	0	ANNUAL	LINE	5
610882.43	4206050.03	0.04042	9	9	0	ANNUAL	LINE	5
610889.43	4206050.03	0.03956	9	9	0	ANNUAL	LINE	5
610896.43	4206050.03	0.03874	9	9	0	ANNUAL	LINE	5
610903.43	4206050.03	0.03795	9	9	0	ANNUAL	LINE	5
610910.43	4206050.03	0.03718	9	9	0	ANNUAL	LINE	5
610917.43	4206050.03	0.03645	9	9	0	ANNUAL	LINE	5
610924.43	4206050.03	0.03574	9	9	0	ANNUAL	LINE	5
610931.43	4206050.03	0.03505	9	9	0	ANNUAL	LINE	5
610938.43	4206050.03	0.03438	9	9	0	ANNUAL	LINE	5
610959.43	4206050.03	0.03252	9	9	0	ANNUAL	LINE	5
610966.43	4206050.03	0.03193	9	9	0	ANNUAL	LINE	5
610973.43	4206050.03	0.03137	9	9	0	ANNUAL	LINE	5
610980.43	4206050.03	0.03082	9	9	0	ANNUAL	LINE	5
610987.43	4206050.03	0.03029	9	9	0	ANNUAL	LINE	5
610994.43	4206050.03	0.02977	9	9	0	ANNUAL	LINE	5
611071.43	4206050.03	0.02501	9	9	0	ANNUAL	LINE	5
611078.43	4206050.03	0.02465	9	9	0	ANNUAL	LINE	5
611085.43	4206050.03	0.02429	9	9	0	ANNUAL	LINE	5
611092.43	4206050.03	0.02395	9	9	0	ANNUAL	LINE	5
610294.43	4206057.03	0.31206	12.43	12.43	0	ANNUAL	LINE	5
610301.43	4206057.03	0.31046	12.43	12.43	0	ANNUAL	LINE	5
610308.43	4206057.03	0.30878	12.44	12.44	0	ANNUAL	LINE	5
610315.43	4206057.03	0.30705	12.44	12.44	0	ANNUAL	LINE	5
610322.43	4206057.03	0.30525	12.44	12.44	0	ANNUAL	LINE	5
610329.43	4206057.03	0.30337	12.44	12.44	0	ANNUAL	LINE	5
610336.43	4206057.03	0.30142	12.44	12.44	0	ANNUAL	LINE	5
610343.43	4206057.03	0.29941	12.43	12.43	0	ANNUAL	LINE	5
610350.43	4206057.03	0.29741	12.38	12.38	0	ANNUAL	LINE	5
610357.43	4206057.03	0.29529	12.34	12.34	0	ANNUAL	LINE	5
610364.43	4206057.03	0.29309	12.3	12.3	0	ANNUAL	LINE	5
610371.43	4206057.03	0.29079	12.26	12.26	0	ANNUAL	LINE	5
610378.43	4206057.03	0.28839	12.22	12.22	0	ANNUAL	LINE	5
610385.43	4206057.03	0.28591	12.17	12.17	0	ANNUAL	LINE	5
610392.43	4206057.03	0.28329	12.13	12.13	0	ANNUAL	LINE	5
610399.43	4206057.03	0.28057	12.09	12.09	0	ANNUAL	LINE	5
610406.43	4206057.03	0.27773	12.05	12.05	0	ANNUAL	LINE	5
610413.43	4206057.03	0.27478	12	12	0	ANNUAL	LINE	5
610420.43	4206057.03	0.27172	11.95	11.95	0	ANNUAL	LINE	5
610427.43	4206057.03	0.26853	11.9	11.9	0	ANNUAL	LINE	5
610434.43	4206057.03	0.26521	11.85	11.85	0	ANNUAL	LINE	5
610441.43	4206057.03	0.26177	11.8	11.8	0	ANNUAL	LINE	5
610448.43	4206057.03	0.25821	11.74	11.74	0	ANNUAL	LINE	5
610455.43	4206057.03	0.25451	11.69	11.69	0	ANNUAL	LINE	5
610462.43	4206057.03	0.25068	11.64	11.64	0	ANNUAL	LINE	5
610469.43	4206057.03	0.24673	11.59	11.59	0	ANNUAL	LINE	5
610476.43	4206057.03	0.24266	11.54	11.54	0	ANNUAL	LINE	5
610483.43	4206057.03	0.23847	11.49	11.49	0	ANNUAL	LINE	5
610497.43	4206057.03	0.22973	11.4	11.4	0	ANNUAL	LINE	5
610504.43	4206057.03	0.22519	11.36	11.36	0	ANNUAL	LINE	5
610511.43	4206057.03	0.22055	11.31	11.31	0	ANNUAL	LINE	5
610518.43	4206057.03	0.21582	11.27	11.27	0	ANNUAL	LINE	5
610525.43	4206057.03	0.211	11.22	11.22	0	ANNUAL	LINE	5
610532.43	4206057.03	0.20609	11.18	11.18	0	ANNUAL	LINE	5
610539.43	4206057.03	0.20112	11.13	11.13	0	ANNUAL	LINE	5
610546.43	4206057.03	0.19607	11.09	11.09	0	ANNUAL	LINE	5
610553.43	4206057.03	0.19098	11.05	11.05	0	ANNUAL	LINE	5
610560.43	4206057.03	0.18584	11	11	0	ANNUAL	LINE	5
610567.43	4206057.03	0.18069	10.91	10.91	0	ANNUAL	LINE	5
610574.43	4206057.03	0.17551	10.81	10.81	0	ANNUAL	LINE	5
610581.43	4206057.03	0.17033	10.71	10.71	0	ANNUAL	LINE	5
610588.43	4206057.03	0.16514	10.62	10.62	0	ANNUAL	LINE	5
610595.43	4206057.03	0.15996	10.52	10.52	0	ANNUAL	LINE	5
610602.43	4206057.03	0.15481	10.43	10.43	0	ANNUAL	LINE	5
610609.43	4206057.03	0.1497	10.33	10.33	0	ANNUAL	LINE	5
610777.43	4206057.03	0.06128	9	9	0	ANNUAL	LINE	5
610784.43	4206057.03	0.05939	9	9	0	ANNUAL	LINE	5
610791.43	4206057.03	0.05761	9	9	0	ANNUAL	LINE	5
610798.43	4206057.03	0.05593	9	9	0	ANNUAL	LINE	5
610805.43	4206057.03	0.05435	9	9	0	ANNUAL	LINE	5
610812.43	4206057.03	0.05286	9	9	0	ANNUAL	LINE	5
610819.43	4206057.03	0.05144	9	9	0	ANNUAL	LINE	5
610833.43	4206057.03	0.04884	9	9	0	ANNUAL	LINE	5
610840.43	4206057.03	0.04763	9	9	0	ANNUAL	LINE	5
610847.43	4206057.03	0.04648	9	9	0	ANNUAL	LINE	5
610854.43	4206057.03	0.04538	9	9	0	ANNUAL	LINE	5
610861.43	4206057.03	0.04434	9	9	0	ANNUAL	LINE	5
610868.43	4206057.03	0.04333	9	9	0	ANNUAL	LINE	5
610875.43	4206057.03	0.04237	9	9	0	ANNUAL	LINE	5
610882.43	4206057.03	0.04145	9	9	0	ANNUAL	LINE	5
610889.43	4206057.03	0.04057	9	9	0	ANNUAL	LINE	5
610896.43	4206057.03	0.03972	9	9	0	ANNUAL	LINE	5
610903.43	4206057.03	0.0389	9	9	0	ANNUAL	LINE	5
610910.43	4206057.03	0.03811	9	9	0	ANNUAL	LINE	5
610917.43	4206057.03	0.03735	9	9	0	ANNUAL	LINE	5
610924.43	4206057.03	0.03661	9	9	0	ANNUAL	LINE	5
610931.43	4206057.03	0.0359	9	9	0	ANNUAL	LINE	5

610938.43	4206057.03	0.03522	9	9	0	ANNUAL	LINE	5
610959.43	4206057.03	0.03329	9	9	0	ANNUAL	LINE	5
610966.43	4206057.03	0.03269	9	9	0	ANNUAL	LINE	5
610973.43	4206057.03	0.03211	9	9	0	ANNUAL	LINE	5
610980.43	4206057.03	0.03154	9	9	0	ANNUAL	LINE	5
610987.43	4206057.03	0.031	9	9	0	ANNUAL	LINE	5
610994.43	4206057.03	0.03047	9	9	0	ANNUAL	LINE	5
611001.43	4206057.03	0.02995	9	9	0	ANNUAL	LINE	5
611008.43	4206057.03	0.02946	9	9	0	ANNUAL	LINE	5
611015.43	4206057.03	0.02897	9	9	0	ANNUAL	LINE	5
611022.43	4206057.03	0.0285	9	9	0	ANNUAL	LINE	5
611029.43	4206057.03	0.02805	9	9	0	ANNUAL	LINE	5
611036.43	4206057.03	0.0276	9	9	0	ANNUAL	LINE	5
611043.43	4206057.03	0.02717	9	9	0	ANNUAL	LINE	5
611050.43	4206057.03	0.02676	9	9	0	ANNUAL	LINE	5
611057.43	4206057.03	0.02635	9	9	0	ANNUAL	LINE	5
611064.43	4206057.03	0.02596	9	9	0	ANNUAL	LINE	5
611071.43	4206057.03	0.02557	9	9	0	ANNUAL	LINE	5
611078.43	4206057.03	0.0252	9	9	0	ANNUAL	LINE	5
611085.43	4206057.03	0.02484	9	9	0	ANNUAL	LINE	5
611092.43	4206057.03	0.02448	9	9	0	ANNUAL	LINE	5
610294.43	4206064.03	0.32481	12.36	12.36	0	ANNUAL	LINE	5
610301.43	4206064.03	0.32321	12.36	12.36	0	ANNUAL	LINE	5
610308.43	4206064.03	0.32155	12.36	12.36	0	ANNUAL	LINE	5
610315.43	4206064.03	0.31982	12.36	12.36	0	ANNUAL	LINE	5
610322.43	4206064.03	0.31801	12.36	12.36	0	ANNUAL	LINE	5
610329.43	4206064.03	0.31613	12.36	12.36	0	ANNUAL	LINE	5
610336.43	4206064.03	0.31417	12.36	12.36	0	ANNUAL	LINE	5
610343.43	4206064.03	0.31215	12.35	12.35	0	ANNUAL	LINE	5
610350.43	4206064.03	0.31009	12.32	12.32	0	ANNUAL	LINE	5
610357.43	4206064.03	0.30796	12.28	12.28	0	ANNUAL	LINE	5
610364.43	4206064.03	0.30571	12.25	12.25	0	ANNUAL	LINE	5
610371.43	4206064.03	0.30339	12.21	12.21	0	ANNUAL	LINE	5
610378.43	4206064.03	0.30094	12.18	12.18	0	ANNUAL	LINE	5
610385.43	4206064.03	0.2984	12.14	12.14	0	ANNUAL	LINE	5
610392.43	4206064.03	0.29573	12.11	12.11	0	ANNUAL	LINE	5
610399.43	4206064.03	0.29296	12.07	12.07	0	ANNUAL	LINE	5
610406.43	4206064.03	0.29005	12.04	12.04	0	ANNUAL	LINE	5
610413.43	4206064.03	0.28703	12	12	0	ANNUAL	LINE	5
610420.43	4206064.03	0.2839	11.95	11.95	0	ANNUAL	LINE	5
610427.43	4206064.03	0.28065	11.89	11.89	0	ANNUAL	LINE	5
610434.43	4206064.03	0.27726	11.83	11.83	0	ANNUAL	LINE	5
610441.43	4206064.03	0.27373	11.77	11.77	0	ANNUAL	LINE	5
610448.43	4206064.03	0.27007	11.71	11.71	0	ANNUAL	LINE	5
610455.43	4206064.03	0.26627	11.65	11.65	0	ANNUAL	LINE	5
610462.43	4206064.03	0.26233	11.59	11.59	0	ANNUAL	LINE	5
610469.43	4206064.03	0.25826	11.53	11.53	0	ANNUAL	LINE	5
610476.43	4206064.03	0.25405	11.47	11.47	0	ANNUAL	LINE	5
610483.43	4206064.03	0.24969	11.42	11.42	0	ANNUAL	LINE	5
610497.43	4206064.03	0.2406	11.33	11.33	0	ANNUAL	LINE	5
610504.43	4206064.03	0.23587	11.3	11.3	0	ANNUAL	LINE	5
610511.43	4206064.03	0.23103	11.26	11.26	0	ANNUAL	LINE	5
610518.43	4206064.03	0.22608	11.22	11.22	0	ANNUAL	LINE	5
610525.43	4206064.03	0.22103	11.19	11.19	0	ANNUAL	LINE	5
610532.43	4206064.03	0.21589	11.15	11.15	0	ANNUAL	LINE	5
610539.43	4206064.03	0.21066	11.11	11.11	0	ANNUAL	LINE	5
610546.43	4206064.03	0.20536	11.08	11.08	0	ANNUAL	LINE	5
610553.43	4206064.03	0.2	11.04	11.04	0	ANNUAL	LINE	5
610560.43	4206064.03	0.19459	11	11	0	ANNUAL	LINE	5
610567.43	4206064.03	0.18916	10.9	10.9	0	ANNUAL	LINE	5
610574.43	4206064.03	0.18369	10.81	10.81	0	ANNUAL	LINE	5
610581.43	4206064.03	0.17821	10.71	10.71	0	ANNUAL	LINE	5
610588.43	4206064.03	0.17272	10.62	10.62	0	ANNUAL	LINE	5
610595.43	4206064.03	0.16725	10.52	10.52	0	ANNUAL	LINE	5
610602.43	4206064.03	0.16179	10.43	10.43	0	ANNUAL	LINE	5
610609.43	4206064.03	0.15637	10.33	10.33	0	ANNUAL	LINE	5
610777.43	4206064.03	0.06308	9	9	0	ANNUAL	LINE	5
610784.43	4206064.03	0.06111	9	9	0	ANNUAL	LINE	5
610791.43	4206064.03	0.05927	9	9	0	ANNUAL	LINE	5
610798.43	4206064.03	0.05753	9	9	0	ANNUAL	LINE	5
610805.43	4206064.03	0.05589	9	9	0	ANNUAL	LINE	5
610812.43	4206064.03	0.05434	9	9	0	ANNUAL	LINE	5
610819.43	4206064.03	0.05288	9	9	0	ANNUAL	LINE	5
610833.43	4206064.03	0.05017	9	9	0	ANNUAL	LINE	5
610840.43	4206064.03	0.04893	9	9	0	ANNUAL	LINE	5
610847.43	4206064.03	0.04774	9	9	0	ANNUAL	LINE	5
610854.43	4206064.03	0.0466	9	9	0	ANNUAL	LINE	5
610861.43	4206064.03	0.04552	9	9	0	ANNUAL	LINE	5
610868.43	4206064.03	0.04448	9	9	0	ANNUAL	LINE	5
610875.43	4206064.03	0.04349	9	9	0	ANNUAL	LINE	5
610882.43	4206064.03	0.04254	9	9	0	ANNUAL	LINE	5
610889.43	4206064.03	0.04162	9	9	0	ANNUAL	LINE	5
610896.43	4206064.03	0.04074	9	9	0	ANNUAL	LINE	5
610903.43	4206064.03	0.03989	9	9	0	ANNUAL	LINE	5
610910.43	4206064.03	0.03908	9	9	0	ANNUAL	LINE	5
610917.43	4206064.03	0.03829	9	9	0	ANNUAL	LINE	5
610924.43	4206064.03	0.03753	9	9	0	ANNUAL	LINE	5
610931.43	4206064.03	0.0368	9	9	0	ANNUAL	LINE	5
610952.43	4206064.03	0.03474	9	9	0	ANNUAL	LINE	5
610959.43	4206064.03	0.0341	9	9	0	ANNUAL	LINE	5
610966.43	4206064.03	0.03348	9	9	0	ANNUAL	LINE	5
610973.43	4206064.03	0.03288	9	9	0	ANNUAL	LINE	5
610980.43	4206064.03	0.0323	9	9	0	ANNUAL	LINE	5
610987.43	4206064.03	0.03174	9	9	0	ANNUAL	LINE	5
610994.43	4206064.03	0.03119	9	9	0	ANNUAL	LINE	5
611001.43	4206064.03	0.03067	9	9	0	ANNUAL	LINE	5
611008.43	4206064.03	0.03015	9	9	0	ANNUAL	LINE	5
611015.43	4206064.03	0.02966	9	9	0	ANNUAL	LINE	5
611022.43	4206064.03	0.02917	9	9	0	ANNUAL	LINE	5
611029.43	4206064.03	0.0287	9	9	0	ANNUAL	LINE	5
611036.43	4206064.03	0.02825	9	9	0	ANNUAL	LINE	5
611043.43	4206064.03	0.02781	9	9	0	ANNUAL	LINE	5
611050.43	4206064.03	0.02738	9	9	0	ANNUAL	LINE	5
611057.43	4206064.03	0.02696	9	9	0	ANNUAL	LINE	5
611064.43	4206064.03	0.02656	9	9	0	ANNUAL	LINE	5
611071.43	4206064.03	0.02616	9	9	0	ANNUAL	LINE	5
611078.43	4206064.03	0.02578	9	9	0	ANNUAL	LINE	5
611085.43	4206064.03	0.02541	9	9	0	ANNUAL	LINE	5
611092.43	4206064.03	0.02505	9	9	0	ANNUAL	LINE	5
610294.43	4206071.03	0.33839	12.28	12.28	0	ANNUAL	LINE	5
610301.43	4206071.03	0.33679	12.28	12.28	0	ANNUAL	LINE	5
610308.43	4206071.03	0.33513	12.28	12.28	0	ANNUAL	LINE	5
610315.43	4206071.03	0.33339	12.28	12.28	0	ANNUAL	LINE	5
610322.43	4206071.03	0.33156	12.29	12.29	0	ANNUAL	LINE	5
610329.43	4206071.03	0.32967	12.29	12.29	0	ANNUAL	LINE	5
610336.43	4206071.03	0.3277	12.29	12.29	0	ANNUAL	LINE	5
610343.43	4206071.03	0.32567	12.28	12.28	0	ANNUAL	LINE	5
610350.43	4206071.03	0.3236	12.25	12.25	0	ANNUAL	LINE	5
610357.43	4206071.03	0.32143	12.22	12.22	0	ANNUAL	LINE	5
610364.43	4206071.03	0.31915	12.2	12.2	0	ANNUAL	LINE	5
610371.43	4206071.03	0.31678	12.17	12.17	0	ANNUAL	LINE	5
610378.43	4206071.03	0.3143	12.14	12.14	0	ANNUAL	LINE	5
610385.43	4206071.03	0.31171	12.11	12.11	0	ANNUAL	LINE	5
610392.43	4206071.03	0.30898	12.09	12.09	0	ANNUAL	LINE	5
610399.43	4206071.03	0.30614	12.06	12.06	0	ANNUAL	LINE	5
610406.43	4206071.03	0.30318	12.03	12.03	0	ANNUAL	LINE	5
610413.43	4206071.03	0.30009	12	12	0	ANNUAL	LINE	5
610420.43	4206071.03	0.29691	11.94	11.94	0	ANNUAL	LINE	5
610427.43	4206071.03	0.2936	11.87	11.87	0	ANNUAL	LINE	5
610434.43	4206071.03	0.29014	11.8	11.8	0	ANNUAL	LINE	5
610441.43	4206071.03	0.28652	11.74	11.74	0	ANNUAL	LINE	5
610448.43	4206071.03	0.28277	11.67	11.67	0	ANNUAL	LINE	5
610455.43	4206071.03	0.27885	11.61	11.61	0	ANNUAL	LINE	5
610462.43	4206071.03	0.27479	11.54	11.54	0	ANNUAL	LINE	5
610469.43	4206071.03	0.27059	11.47	11.47	0	ANNUAL	LINE	5
610476.43	4206071.03	0.26623	11.41	11.41	0	ANNUAL	LINE	5
610483.43	4206071.03	0.26173	11.34	11.34	0	ANNUAL	LINE	5
610497.43	4206071.03	0.25226	11.27	11.27	0	ANNUAL	LINE	5
610504.43	4206071.03	0.24733	11.24	11.24	0	ANNUAL	LINE	5
610511.43	4206071.03	0.24228	11.21	11.21	0	ANNUAL	LINE	5
610518.43	4206071.03	0.2371	11.18	11.18	0	ANNUAL	LINE	5
610525.43	4206071.03	0.23181	11.15	11.15	0	ANNUAL	LINE	5
610532.43	4206071.03	0.22642	11.12	11.12	0	ANNUAL	LINE	5
610539.43	4206071.03	0.22093	11.09	11.09	0	ANNUAL	LINE	5
610546.43	4206071.03	0.21536	11.06	11.06	0	ANNUAL	LINE	5
610553.43	4206071.03	0.20971	11.03	11.03	0	ANNUAL	LINE	5
610560.43	4206071.03	0.20401	11	11	0	ANNUAL	LINE	5
610567.43	4206071.03	0.19827	10.9	10.9	0	ANNUAL	LINE	5
610574.43	4206071.03	0.19249	10.81	10.81	0	ANNUAL	LINE	5
610581.43	4206071.03	0.1867	10.71	10.71	0	ANNUAL	LINE	5
610588.43	4206071.03	0.18089	10.62	10.62	0	ANNUAL	LINE	5
610595.43	4206071.03	0.17508	10.52	10.52	0	ANNUAL	LINE	5
610602.43	4206071.03	0.1693	10.42	10.42	0	ANNUAL	LINE	5
610609.43	4206071.03	0.16355	10.33	10.33	0	ANNUAL	LINE	5
610777.43	4206071.03	0.06497	9	9	0	ANNUAL	LINE	5
610784.43	4206071.03	0.06293	9	9	0	ANNUAL	LINE	5
610791.43	4206071.03	0.06101	9	9	0	ANNUAL	LINE	5
610798.43	4206071.03	0.0592	9	9	0	ANNUAL	LINE	5
610805.43	4206071.03	0.0575	9	9	0	ANNUAL	LINE	5
610812.43	4206071.03	0.0559	9	9	0	ANNUAL	LINE	5
610819.43	4206071.03	0.05438	9	9	0	ANNUAL	LINE	5
610840.43	4206071.03	0.05029	9	9	0	ANNUAL	LINE	5
610847.43	4206071.03	0.04906	9	9	0	ANNUAL	LINE	5
610854.43	4206071.03	0.04788	9	9	0	ANNUAL	LINE	5
610861.43	4206071.03	0.04676	9	9	0	ANNUAL	LINE	5
610868.43	4206071.03	0.04569	9	9	0	ANNUAL	LINE	5
610875.43	4206071.03	0.04466	9	9	0	ANNUAL	LINE	5
610882.43	4206071.03	0.04367	9	9	0	ANNUAL	LINE	5
610889.43	4206071.03	0.04273	9	9	0	ANNUAL	LINE	5
610896.43	4206071.03	0.04182	9	9	0	ANNUAL	LINE	5
610903.43	4206071.03	0.04094	9	9	0	ANNUAL	LINE	5
610910.43	4206071.03	0.0401	9	9	0	ANNUAL	LINE	5
610917.43	4206071.03	0.03928	9	9	0	ANNUAL	LINE	5
610924.43	4206071.03	0.0385	9	9	0	ANNUAL	LINE	5
610931.43	4206071.03	0.03774	9	9	0	ANNUAL	LINE	5
610952.43	4206071.03	0.03562	9	9	0	ANNUAL	LINE	5
610959.43	4206071.03	0.03496	9	9	0	ANNUAL	LINE	5
610966.43	4206071.03	0.03432	9	9	0	ANNUAL	LINE	5
610973.43	4206071.03	0.0337	9	9	0	ANNUAL	LINE	5
610980.43	4206071.03	0.0331	9	9	0	ANNUAL	LINE	5
610987.43	4206071.03	0.03252	9	9	0	ANNUAL	LINE	5
610994.43	4206071.03	0.03196	9	9	0	ANNUAL	LINE	5
611001.43	4206071.03	0.03141	9	9	0	ANNUAL	LINE	5
611008.43	4206071.03	0.03089	9	9	0	ANNUAL	LINE	5
611015.43	4206071.03	0.03037	9	9	0	ANNUAL	LINE	5
611022.43	4206071.03	0.02988	9	9	0	ANNUAL	LINE	5
611029.43	4206071.03	0.0294	9	9	0	ANNUAL	LINE	5
611036.43	4206071.03	0.02893	9	9	0	ANNUAL	LINE	5
611043.43	4206071.03	0.02848	9	9	0	ANNUAL	LINE	5
611050.43	4206071.03	0.02803	9	9	0	ANNUAL	LINE	5
611057.43	4206071.03	0.02761	9	9	0	ANNUAL	LINE	5
611064.43	4206071.03	0.02719	9	9	0	ANNUAL	LINE	5
611071.43	4206071.03	0.02679	9	9	0	ANNUAL	LINE	5
611078.43	4206071.03	0.02639	9	9	0	ANNUAL	LINE	5
611085.43	4206071.03	0.02601	9	9	0	ANNUAL	LINE	5
611092.43	4206071.03	0.02564	9	9	0	ANNUAL	LINE	5
610294.43	4206078.03	0.35281	12.21	12.21	0	ANNUAL	LINE	5
610301.43	4206078.03	0.35122	12.21	12.21	0	ANNUAL	LINE	5
610308.43	4206078.03	0.34956	12.21	12.21	0	ANNUAL	LINE	5
610315.43	4206078.03	0.34782	12.21	12.21	0	ANNUAL	LINE	5
610322.43	4206078.03	0.34601	12.21	12.21	0	ANNUAL	LINE	5
610329.43	4206078.03	0.34412	12.21	12.21	0	ANNUAL	LINE	5
610336.43	4206078.03	0.34214	12.21	12.21	0	ANNUAL	LINE	5
610343.43	4206078.03	0.3401	12.2	12.2	0	ANNUAL	LINE	5
610350.43	4206078.03	0.33797	12.19	12.19	0	ANNUAL	LINE	5
610357.43	4206078.03	0.33577	12.17	12.17	0	ANNUAL	LINE	5
610364.43	4206078.03	0.33346	12.15	12.15	0	ANNUAL	LINE	5
610371.43	4206078.03	0.33105	12.13	12.13	0	ANNUAL	LINE	5
610378.43	4206078.03	0.32852	12.11	12.11	0	ANNUAL	LINE	5
610385.43	4206078.03	0.32587	12.09	12.09	0	ANNUAL	LINE	5
610392.43	4206078.03	0.32313	12.06	12.06	0	ANNUAL	LINE	5

610399.43	4206078.03	0.32023	12.04	12.04	0	ANNUAL	LINE	5
610406.43	4206078.03	0.3172	12.02	12.02	0	ANNUAL	LINE	5
610413.43	4206078.03	0.31403	12	12	0	ANNUAL	LINE	5
610420.43	4206078.03	0.3108	11.93	11.93	0	ANNUAL	LINE	5
610427.43	4206078.03	0.30742	11.86	11.86	0	ANNUAL	LINE	5
610434.43	4206078.03	0.3039	11.78	11.78	0	ANNUAL	LINE	5
610441.43	4206078.03	0.3002	11.71	11.71	0	ANNUAL	LINE	5
610448.43	4206078.03	0.29634	11.64	11.64	0	ANNUAL	LINE	5
610455.43	4206078.03	0.29233	11.56	11.56	0	ANNUAL	LINE	5
610462.43	4206078.03	0.28815	11.49	11.49	0	ANNUAL	LINE	5
610469.43	4206078.03	0.2838	11.42	11.42	0	ANNUAL	LINE	5
610476.43	4206078.03	0.2793	11.34	11.34	0	ANNUAL	LINE	5
610483.43	4206078.03	0.27463	11.27	11.27	0	ANNUAL	LINE	5
610497.43	4206078.03	0.26479	11.2	11.2	0	ANNUAL	LINE	5
610504.43	4206078.03	0.25965	11.18	11.18	0	ANNUAL	LINE	5
610511.43	4206078.03	0.25437	11.16	11.16	0	ANNUAL	LINE	5
610518.43	4206078.03	0.24896	11.14	11.14	0	ANNUAL	LINE	5
610525.43	4206078.03	0.24342	11.11	11.11	0	ANNUAL	LINE	5
610532.43	4206078.03	0.23777	11.09	11.09	0	ANNUAL	LINE	5
610539.43	4206078.03	0.232	11.07	11.07	0	ANNUAL	LINE	5
610546.43	4206078.03	0.22614	11.05	11.05	0	ANNUAL	LINE	5
610553.43	4206078.03	0.22019	11.02	11.02	0	ANNUAL	LINE	5
610560.43	4206078.03	0.21416	11	11	0	ANNUAL	LINE	5
610567.43	4206078.03	0.20811	10.9	10.9	0	ANNUAL	LINE	5
610574.43	4206078.03	0.20199	10.81	10.81	0	ANNUAL	LINE	5
610581.43	4206078.03	0.19585	10.71	10.71	0	ANNUAL	LINE	5
610588.43	4206078.03	0.1897	10.61	10.61	0	ANNUAL	LINE	5
610595.43	4206078.03	0.18354	10.52	10.52	0	ANNUAL	LINE	5
610602.43	4206078.03	0.1774	10.42	10.42	0	ANNUAL	LINE	5
610609.43	4206078.03	0.17128	10.33	10.33	0	ANNUAL	LINE	5
610777.43	4206078.03	0.06697	9	9	0	ANNUAL	LINE	5
610784.43	4206078.03	0.06484	9	9	0	ANNUAL	LINE	5
610791.43	4206078.03	0.06285	9	9	0	ANNUAL	LINE	5
610798.43	4206078.03	0.06099	9	9	0	ANNUAL	LINE	5
610805.43	4206078.03	0.05921	9	9	0	ANNUAL	LINE	5
610812.43	4206078.03	0.05755	9	9	0	ANNUAL	LINE	5
610819.43	4206078.03	0.05597	9	9	0	ANNUAL	LINE	5
610833.43	4206078.03	0.05307	9	9	0	ANNUAL	LINE	5
610840.43	4206078.03	0.05173	9	9	0	ANNUAL	LINE	5
610847.43	4206078.03	0.05045	9	9	0	ANNUAL	LINE	5
610854.43	4206078.03	0.04924	9	9	0	ANNUAL	LINE	5
610861.43	4206078.03	0.04807	9	9	0	ANNUAL	LINE	5
610868.43	4206078.03	0.04696	9	9	0	ANNUAL	LINE	5
610875.43	4206078.03	0.04589	9	9	0	ANNUAL	LINE	5
610882.43	4206078.03	0.04487	9	9	0	ANNUAL	LINE	5
610889.43	4206078.03	0.04389	9	9	0	ANNUAL	LINE	5
610896.43	4206078.03	0.04295	9	9	0	ANNUAL	LINE	5
610903.43	4206078.03	0.04204	9	9	0	ANNUAL	LINE	5
610910.43	4206078.03	0.04117	9	9	0	ANNUAL	LINE	5
610917.43	4206078.03	0.04032	9	9	0	ANNUAL	LINE	5
610924.43	4206078.03	0.03951	9	9	0	ANNUAL	LINE	5
610931.43	4206078.03	0.03873	9	9	0	ANNUAL	LINE	5
610952.43	4206078.03	0.03654	9	9	0	ANNUAL	LINE	5
610959.43	4206078.03	0.03585	9	9	0	ANNUAL	LINE	5
610966.43	4206078.03	0.03519	9	9	0	ANNUAL	LINE	5
610973.43	4206078.03	0.03456	9	9	0	ANNUAL	LINE	5
610980.43	4206078.03	0.03394	9	9	0	ANNUAL	LINE	5
610987.43	4206078.03	0.03334	9	9	0	ANNUAL	LINE	5
610994.43	4206078.03	0.03276	9	9	0	ANNUAL	LINE	5
611001.43	4206078.03	0.0322	9	9	0	ANNUAL	LINE	5
611008.43	4206078.03	0.03166	9	9	0	ANNUAL	LINE	5
611015.43	4206078.03	0.03113	9	9	0	ANNUAL	LINE	5
611022.43	4206078.03	0.03062	9	9	0	ANNUAL	LINE	5
611029.43	4206078.03	0.03013	9	9	0	ANNUAL	LINE	5
611036.43	4206078.03	0.02964	9	9	0	ANNUAL	LINE	5
611043.43	4206078.03	0.02918	9	9	0	ANNUAL	LINE	5
611050.43	4206078.03	0.02872	9	9	0	ANNUAL	LINE	5
611057.43	4206078.03	0.02828	9	9	0	ANNUAL	LINE	5
611064.43	4206078.03	0.02786	9	9	0	ANNUAL	LINE	5
611071.43	4206078.03	0.02744	9	9	0	ANNUAL	LINE	5
611078.43	4206078.03	0.02703	9	9	0	ANNUAL	LINE	5
611085.43	4206078.03	0.02664	9	9	0	ANNUAL	LINE	5
611092.43	4206078.03	0.02626	9	9	0	ANNUAL	LINE	5
610294.43	4206085.03	0.36821	12.13	12.13	0	ANNUAL	LINE	5
610301.43	4206085.03	0.36663	12.13	12.13	0	ANNUAL	LINE	5
610308.43	4206085.03	0.36497	12.13	12.13	0	ANNUAL	LINE	5
610315.43	4206085.03	0.36324	12.13	12.13	0	ANNUAL	LINE	5
610322.43	4206085.03	0.36143	12.13	12.13	0	ANNUAL	LINE	5
610329.43	4206085.03	0.3595	12.14	12.14	0	ANNUAL	LINE	5
610336.43	4206085.03	0.35752	12.14	12.14	0	ANNUAL	LINE	5
610343.43	4206085.03	0.35547	12.13	12.13	0	ANNUAL	LINE	5
610350.43	4206085.03	0.35333	12.12	12.12	0	ANNUAL	LINE	5
610357.43	4206085.03	0.35109	12.11	12.11	0	ANNUAL	LINE	5
610364.43	4206085.03	0.34877	12.09	12.09	0	ANNUAL	LINE	5
610371.43	4206085.03	0.34631	12.08	12.08	0	ANNUAL	LINE	5
610378.43	4206085.03	0.34373	12.07	12.07	0	ANNUAL	LINE	5
610385.43	4206085.03	0.34103	12.06	12.06	0	ANNUAL	LINE	5
610392.43	4206085.03	0.33822	12.04	12.04	0	ANNUAL	LINE	5
610399.43	4206085.03	0.33526	12.03	12.03	0	ANNUAL	LINE	5
610406.43	4206085.03	0.33218	12.01	12.01	0	ANNUAL	LINE	5
610413.43	4206085.03	0.32893	12	12	0	ANNUAL	LINE	5
610420.43	4206085.03	0.32567	11.92	11.92	0	ANNUAL	LINE	5
610427.43	4206085.03	0.32224	11.84	11.84	0	ANNUAL	LINE	5
610434.43	4206085.03	0.31863	11.76	11.76	0	ANNUAL	LINE	5
610441.43	4206085.03	0.31485	11.68	11.68	0	ANNUAL	LINE	5
610448.43	4206085.03	0.3109	11.6	11.6	0	ANNUAL	LINE	5
610455.43	4206085.03	0.30677	11.52	11.52	0	ANNUAL	LINE	5
610462.43	4206085.03	0.30247	11.44	11.44	0	ANNUAL	LINE	5
610469.43	4206085.03	0.29798	11.36	11.36	0	ANNUAL	LINE	5
610476.43	4206085.03	0.29332	11.28	11.28	0	ANNUAL	LINE	5
610483.43	4206085.03	0.28849	11.2	11.2	0	ANNUAL	LINE	5
610497.43	4206085.03	0.27827	11.14	11.14	0	ANNUAL	LINE	5
610504.43	4206085.03	0.27291	11.12	11.12	0	ANNUAL	LINE	5
610511.43	4206085.03	0.2674	11.11	11.11	0	ANNUAL	LINE	5
610518.43	4206085.03	0.26174	11.09	11.09	0	ANNUAL	LINE	5
610525.43	4206085.03	0.25594	11.08	11.08	0	ANNUAL	LINE	5
610532.43	4206085.03	0.25001	11.06	11.06	0	ANNUAL	LINE	5
610539.43	4206085.03	0.24395	11.05	11.05	0	ANNUAL	LINE	5
610546.43	4206085.03	0.23778	11.03	11.03	0	ANNUAL	LINE	5
610553.43	4206085.03	0.2315	11.02	11.02	0	ANNUAL	LINE	5
610560.43	4206085.03	0.22514	11	11	0	ANNUAL	LINE	5
610567.43	4206085.03	0.21873	10.9	10.9	0	ANNUAL	LINE	5
610574.43	4206085.03	0.21227	10.8	10.8	0	ANNUAL	LINE	5
610581.43	4206085.03	0.20576	10.71	10.71	0	ANNUAL	LINE	5
610588.43	4206085.03	0.19922	10.61	10.61	0	ANNUAL	LINE	5
610595.43	4206085.03	0.19268	10.52	10.52	0	ANNUAL	LINE	5
610602.43	4206085.03	0.18614	10.42	10.42	0	ANNUAL	LINE	5
610609.43	4206085.03	0.17964	10.33	10.33	0	ANNUAL	LINE	5
610777.43	4206085.03	0.06908	9	9	0	ANNUAL	LINE	5
610784.43	4206085.03	0.06687	9	9	0	ANNUAL	LINE	5
610791.43	4206085.03	0.0648	9	9	0	ANNUAL	LINE	5
610798.43	4206085.03	0.06285	9	9	0	ANNUAL	LINE	5
610805.43	4206085.03	0.06101	9	9	0	ANNUAL	LINE	5
610812.43	4206085.03	0.05928	9	9	0	ANNUAL	LINE	5
610819.43	4206085.03	0.05765	9	9	0	ANNUAL	LINE	5
610833.43	4206085.03	0.05464	9	9	0	ANNUAL	LINE	5
610840.43	4206085.03	0.05325	9	9	0	ANNUAL	LINE	5
610847.43	4206085.03	0.05192	9	9	0	ANNUAL	LINE	5
610854.43	4206085.03	0.05066	9	9	0	ANNUAL	LINE	5
610861.43	4206085.03	0.04945	9	9	0	ANNUAL	LINE	5
610868.43	4206085.03	0.0483	9	9	0	ANNUAL	LINE	5
610875.43	4206085.03	0.04719	9	9	0	ANNUAL	LINE	5
610882.43	4206085.03	0.04613	9	9	0	ANNUAL	LINE	5
610889.43	4206085.03	0.04512	9	9	0	ANNUAL	LINE	5
610896.43	4206085.03	0.04414	9	9	0	ANNUAL	LINE	5
610903.43	4206085.03	0.0432	9	9	0	ANNUAL	LINE	5
610910.43	4206085.03	0.04229	9	9	0	ANNUAL	LINE	5
610917.43	4206085.03	0.04142	9	9	0	ANNUAL	LINE	5
610924.43	4206085.03	0.04058	9	9	0	ANNUAL	LINE	5
610931.43	4206085.03	0.03977	9	9	0	ANNUAL	LINE	5
610952.43	4206085.03	0.0375	9	9	0	ANNUAL	LINE	5
610959.43	4206085.03	0.0368	9	9	0	ANNUAL	LINE	5
610966.43	4206085.03	0.03612	9	9	0	ANNUAL	LINE	5
610973.43	4206085.03	0.03546	9	9	0	ANNUAL	LINE	5
610980.43	4206085.03	0.03482	9	9	0	ANNUAL	LINE	5
610987.43	4206085.03	0.03421	9	9	0	ANNUAL	LINE	5
610994.43	4206085.03	0.03361	9	9	0	ANNUAL	LINE	5
611001.43	4206085.03	0.03303	9	9	0	ANNUAL	LINE	5
611008.43	4206085.03	0.03247	9	9	0	ANNUAL	LINE	5
611015.43	4206085.03	0.03193	9	9	0	ANNUAL	LINE	5
611022.43	4206085.03	0.0314	9	9	0	ANNUAL	LINE	5
611029.43	4206085.03	0.03089	9	9	0	ANNUAL	LINE	5
611036.43	4206085.03	0.0304	9	9	0	ANNUAL	LINE	5
611043.43	4206085.03	0.02992	9	9	0	ANNUAL	LINE	5
611050.43	4206085.03	0.02945	9	9	0	ANNUAL	LINE	5
611057.43	4206085.03	0.029	9	9	0	ANNUAL	LINE	5
611064.43	4206085.03	0.02856	9	9	0	ANNUAL	LINE	5
611071.43	4206085.03	0.02813	9	9	0	ANNUAL	LINE	5
611078.43	4206085.03	0.02771	9	9	0	ANNUAL	LINE	5
611085.43	4206085.03	0.02731	9	9	0	ANNUAL	LINE	5
611092.43	4206085.03	0.02691	9	9	0	ANNUAL	LINE	5
610294.43	4206092.03	0.38467	12.05	12.05	0	ANNUAL	LINE	5
610301.43	4206092.03	0.38306	12.06	12.06	0	ANNUAL	LINE	5
610308.43	4206092.03	0.3814	12.06	12.06	0	ANNUAL	LINE	5
610315.43	4206092.03	0.37968	12.06	12.06	0	ANNUAL	LINE	5
610322.43	4206092.03	0.37787	12.06	12.06	0	ANNUAL	LINE	5
610329.43	4206092.03	0.37597	12.06	12.06	0	ANNUAL	LINE	5
610336.43	4206092.03	0.37399	12.06	12.06	0	ANNUAL	LINE	5
610343.43	4206092.03	0.37191	12.06	12.06	0	ANNUAL	LINE	5
610350.43	4206092.03	0.36976	12.05	12.05	0	ANNUAL	LINE	5
610357.43	4206092.03	0.36747	12.05	12.05	0	ANNUAL	LINE	5
610364.43	4206092.03	0.36511	12.04	12.04	0	ANNUAL	LINE	5
610371.43	4206092.03	0.36259	12.04	12.04	0	ANNUAL	LINE	5
610378.43	4206092.03	0.35999	12.03	12.03	0	ANNUAL	LINE	5
610385.43	4206092.03	0.35723	12.03	12.03	0	ANNUAL	LINE	5
610392.43	4206092.03	0.35437	12.02	12.02	0	ANNUAL	LINE	5
610399.43	4206092.03	0.35136	12.01	12.01	0	ANNUAL	LINE	5
610406.43	4206092.03	0.34819	12.01	12.01	0	ANNUAL	LINE	5
610413.43	4206092.03	0.3449	12	12	0	ANNUAL	LINE	5
610420.43	4206092.03	0.3416	11.91	11.91	0	ANNUAL	LINE	5
610427.43	4206092.03	0.3381	11.83	11.83	0	ANNUAL	LINE	5
610434.43	4206092.03	0.33443	11.74	11.74	0	ANNUAL	LINE	5
610441.43	4206092.03	0.33057	11.65	11.65	0	ANNUAL	LINE	5
610448.43	4206092.03	0.32653	11.56	11.56	0	ANNUAL	LINE	5
610455.43	4206092.03	0.32229	11.47	11.47	0	ANNUAL	LINE	5
610462.43	4206092.03	0.31785	11.39	11.39	0	ANNUAL	LINE	5
610469.43	4206092.03	0.31323	11.3	11.3	0	ANNUAL	LINE	5
610476.43	4206092.03	0.30841	11.21	11.21	0	ANNUAL	LINE	5
610483.43	4206092.03	0.30341	11.12	11.12	0	ANNUAL	LINE	5
610497.43	4206092.03	0.29279	11.07	11.07	0	ANNUAL	LINE	5
610504.43	4206092.03	0.28721	11.06	11.06	0	ANNUAL	LINE	5
610511.43	4206092.03	0.28146	11.06	11.06	0	ANNUAL	LINE	5
610518.43	4206092.03	0.27554	11.05	11.05	0	ANNUAL	LINE	5
610525.43	4206092.03	0.26947	11.04	11.04	0	ANNUAL	LINE	5
610532.43	4206092.03	0.26324	11.03	11.03	0	ANNUAL	LINE	5
610539.43	4206092.03	0.25687	11.03	11.03	0	ANNUAL	LINE	5
610546.43	4206092.03	0.25037	11.02	11.02	0	ANNUAL	LINE	5
610553.43	4206092.03	0.24375	11.01	11.01	0	ANNUAL	LINE	5
610560.43	4206092.03	0.23703	10.99	10.99	0	ANNUAL	LINE	5
610567.43	4206092.03	0.23025	10.9	10.9	0	ANNUAL	LINE	5
610574.43	4206092.03	0.22339	10.8	10.8	0	ANNUAL	LINE	5
610581.43	4206092.03	0.21648	10.71	10.71	0	ANNUAL	LINE	5
610588.43	4206092.03	0.20954	10.61	10.61	0	ANNUAL	LINE	5
610595.43	4206092.03	0.20258	10.52	10.52	0	ANNUAL	LINE	5
610602.43	4206092.03	0.19562	10.42	10.42	0	ANNUAL	LINE	5
610609.43	4206092.03	0.18869	10.32	10.32	0	ANNUAL	LINE	5
610770.43	4206092.03	0.07378	9	9	0	ANNUAL	LINE	5
610777.43	4206092.03	0.07132	9	9	0	ANNUAL	LINE	5
610784.43	4206092.03	0.06902	9	9	0	ANNUAL	LINE	5
610791.43	4206092.03	0.06686	9	9	0	ANNUAL	LINE	5
610798.43	4206092.03	0.06483	9	9	0	ANNUAL	LINE	5

610805.43	4206092.03	0.06292	9	9	0	ANNUAL	LINE	5
610812.43	4206092.03	0.06112	9	9	0	ANNUAL	LINE	5
610819.43	4206092.03	0.05943	9	9	0	ANNUAL	LINE	5
610833.43	4206092.03	0.0563	9	9	0	ANNUAL	LINE	5
610840.43	4206092.03	0.05485	9	9	0	ANNUAL	LINE	5
610847.43	4206092.03	0.05348	9	9	0	ANNUAL	LINE	5
610854.43	4206092.03	0.05216	9	9	0	ANNUAL	LINE	5
610861.43	4206092.03	0.05091	9	9	0	ANNUAL	LINE	5
610868.43	4206092.03	0.04971	9	9	0	ANNUAL	LINE	5
610875.43	4206092.03	0.04857	9	9	0	ANNUAL	LINE	5
610882.43	4206092.03	0.04747	9	9	0	ANNUAL	LINE	5
610889.43	4206092.03	0.04641	9	9	0	ANNUAL	LINE	5
610896.43	4206092.03	0.0454	9	9	0	ANNUAL	LINE	5
610903.43	4206092.03	0.04442	9	9	0	ANNUAL	LINE	5
610910.43	4206092.03	0.04348	9	9	0	ANNUAL	LINE	5
610917.43	4206092.03	0.04258	9	9	0	ANNUAL	LINE	5
610924.43	4206092.03	0.04171	9	9	0	ANNUAL	LINE	5
610931.43	4206092.03	0.04087	9	9	0	ANNUAL	LINE	5
610952.43	4206092.03	0.03853	9	9	0	ANNUAL	LINE	5
610959.43	4206092.03	0.0378	9	9	0	ANNUAL	LINE	5
610966.43	4206092.03	0.03709	9	9	0	ANNUAL	LINE	5
610973.43	4206092.03	0.03641	9	9	0	ANNUAL	LINE	5
610980.43	4206092.03	0.03576	9	9	0	ANNUAL	LINE	5
610987.43	4206092.03	0.03512	9	9	0	ANNUAL	LINE	5
610994.43	4206092.03	0.0345	9	9	0	ANNUAL	LINE	5
611001.43	4206092.03	0.03391	9	9	0	ANNUAL	LINE	5
611008.43	4206092.03	0.03333	9	9	0	ANNUAL	LINE	5
611015.43	4206092.03	0.03277	9	9	0	ANNUAL	LINE	5
611022.43	4206092.03	0.03223	9	9	0	ANNUAL	LINE	5
611029.43	4206092.03	0.0317	9	9	0	ANNUAL	LINE	5
611036.43	4206092.03	0.03119	9	9	0	ANNUAL	LINE	5
611043.43	4206092.03	0.0307	9	9	0	ANNUAL	LINE	5
611050.43	4206092.03	0.03022	9	9	0	ANNUAL	LINE	5
611057.43	4206092.03	0.02975	9	9	0	ANNUAL	LINE	5
611064.43	4206092.03	0.0293	9	9	0	ANNUAL	LINE	5
611071.43	4206092.03	0.02885	9	9	0	ANNUAL	LINE	5
611078.43	4206092.03	0.02843	9	9	0	ANNUAL	LINE	5
611085.43	4206092.03	0.02801	9	9	0	ANNUAL	LINE	5
611092.43	4206092.03	0.0276	9	9	0	ANNUAL	LINE	5
610294.43	4206099.03	0.40217	12	12	0	ANNUAL	LINE	5
610301.43	4206099.03	0.4006	12	12	0	ANNUAL	LINE	5
610308.43	4206099.03	0.39895	12	12	0	ANNUAL	LINE	5
610315.43	4206099.03	0.39723	12	12	0	ANNUAL	LINE	5
610322.43	4206099.03	0.39543	12	12	0	ANNUAL	LINE	5
610329.43	4206099.03	0.39353	12	12	0	ANNUAL	LINE	5
610336.43	4206099.03	0.39155	12	12	0	ANNUAL	LINE	5
610343.43	4206099.03	0.38946	12	12	0	ANNUAL	LINE	5
610350.43	4206099.03	0.38727	12	12	0	ANNUAL	LINE	5
610357.43	4206099.03	0.38498	12	12	0	ANNUAL	LINE	5
610364.43	4206099.03	0.38257	12	12	0	ANNUAL	LINE	5
610371.43	4206099.03	0.38004	12	12	0	ANNUAL	LINE	5
610378.43	4206099.03	0.37738	12	12	0	ANNUAL	LINE	5
610385.43	4206099.03	0.3746	12	12	0	ANNUAL	LINE	5
610392.43	4206099.03	0.37167	12	12	0	ANNUAL	LINE	5
610399.43	4206099.03	0.3686	12	12	0	ANNUAL	LINE	5
610406.43	4206099.03	0.36539	12	12	0	ANNUAL	LINE	5
610413.43	4206099.03	0.36202	12	12	0	ANNUAL	LINE	5
610420.43	4206099.03	0.35867	11.91	11.91	0	ANNUAL	LINE	5
610427.43	4206099.03	0.35514	11.81	11.81	0	ANNUAL	LINE	5
610434.43	4206099.03	0.35141	11.71	11.71	0	ANNUAL	LINE	5
610441.43	4206099.03	0.34746	11.62	11.62	0	ANNUAL	LINE	5
610448.43	4206099.03	0.34333	11.52	11.52	0	ANNUAL	LINE	5
610455.43	4206099.03	0.33897	11.43	11.43	0	ANNUAL	LINE	5
610462.43	4206099.03	0.33442	11.33	11.33	0	ANNUAL	LINE	5
610469.43	4206099.03	0.32964	11.24	11.24	0	ANNUAL	LINE	5
610476.43	4206099.03	0.32467	11.15	11.15	0	ANNUAL	LINE	5
610483.43	4206099.03	0.31949	11.05	11.05	0	ANNUAL	LINE	5
610497.43	4206099.03	0.30847	11.01	11.01	0	ANNUAL	LINE	5
610504.43	4206099.03	0.30266	11.01	11.01	0	ANNUAL	LINE	5
610511.43	4206099.03	0.29666	11.01	11.01	0	ANNUAL	LINE	5
610518.43	4206099.03	0.29047	11.01	11.01	0	ANNUAL	LINE	5
610525.43	4206099.03	0.28411	11.01	11.01	0	ANNUAL	LINE	5
610532.43	4206099.03	0.27757	11.01	11.01	0	ANNUAL	LINE	5
610539.43	4206099.03	0.27088	11	11	0	ANNUAL	LINE	5
610546.43	4206099.03	0.26403	11	11	0	ANNUAL	LINE	5
610553.43	4206099.03	0.25704	11	11	0	ANNUAL	LINE	5
610560.43	4206099.03	0.24993	10.99	10.99	0	ANNUAL	LINE	5
610567.43	4206099.03	0.24275	10.9	10.9	0	ANNUAL	LINE	5
610574.43	4206099.03	0.23548	10.8	10.8	0	ANNUAL	LINE	5
610581.43	4206099.03	0.22813	10.71	10.71	0	ANNUAL	LINE	5
610588.43	4206099.03	0.22074	10.61	10.61	0	ANNUAL	LINE	5
610595.43	4206099.03	0.21333	10.51	10.51	0	ANNUAL	LINE	5
610602.43	4206099.03	0.20591	10.42	10.42	0	ANNUAL	LINE	5
610609.43	4206099.03	0.19851	10.32	10.32	0	ANNUAL	LINE	5
610616.43	4206099.03	0.19115	10.23	10.23	0	ANNUAL	LINE	5
610770.43	4206099.03	0.07627	9	9	0	ANNUAL	LINE	5
610777.43	4206099.03	0.0737	9	9	0	ANNUAL	LINE	5
610784.43	4206099.03	0.07129	9	9	0	ANNUAL	LINE	5
610791.43	4206099.03	0.06904	9	9	0	ANNUAL	LINE	5
610798.43	4206099.03	0.06693	9	9	0	ANNUAL	LINE	5
610805.43	4206099.03	0.06494	9	9	0	ANNUAL	LINE	5
610812.43	4206099.03	0.06307	9	9	0	ANNUAL	LINE	5
610819.43	4206099.03	0.06131	9	9	0	ANNUAL	LINE	5
610833.43	4206099.03	0.05805	9	9	0	ANNUAL	LINE	5
610840.43	4206099.03	0.05655	9	9	0	ANNUAL	LINE	5
610847.43	4206099.03	0.05512	9	9	0	ANNUAL	LINE	5
610854.43	4206099.03	0.05375	9	9	0	ANNUAL	LINE	5
610861.43	4206099.03	0.05245	9	9	0	ANNUAL	LINE	5
610868.43	4206099.03	0.05121	9	9	0	ANNUAL	LINE	5
610875.43	4206099.03	0.05002	9	9	0	ANNUAL	LINE	5
610882.43	4206099.03	0.04887	9	9	0	ANNUAL	LINE	5
610889.43	4206099.03	0.04778	9	9	0	ANNUAL	LINE	5
610896.43	4206099.03	0.04672	9	9	0	ANNUAL	LINE	5
610903.43	4206099.03	0.04571	9	9	0	ANNUAL	LINE	5
610910.43	4206099.03	0.04474	9	9	0	ANNUAL	LINE	5
610917.43	4206099.03	0.0438	9	9	0	ANNUAL	LINE	5
610924.43	4206099.03	0.0429	9	9	0	ANNUAL	LINE	5
610931.43	4206099.03	0.04203	9	9	0	ANNUAL	LINE	5
610952.43	4206099.03	0.03961	9	9	0	ANNUAL	LINE	5
610959.43	4206099.03	0.03885	9	9	0	ANNUAL	LINE	5
610966.43	4206099.03	0.03813	9	9	0	ANNUAL	LINE	5
610973.43	4206099.03	0.03742	9	9	0	ANNUAL	LINE	5
610980.43	4206099.03	0.03674	9	9	0	ANNUAL	LINE	5
610987.43	4206099.03	0.03609	9	9	0	ANNUAL	LINE	5
610994.43	4206099.03	0.03545	9	9	0	ANNUAL	LINE	5
611001.43	4206099.03	0.03484	9	9	0	ANNUAL	LINE	5
611008.43	4206099.03	0.03424	9	9	0	ANNUAL	LINE	5
611015.43	4206099.03	0.03366	9	9	0	ANNUAL	LINE	5
611022.43	4206099.03	0.0331	9	9	0	ANNUAL	LINE	5
611029.43	4206099.03	0.03256	9	9	0	ANNUAL	LINE	5
611036.43	4206099.03	0.03203	9	9	0	ANNUAL	LINE	5
611043.43	4206099.03	0.03152	9	9	0	ANNUAL	LINE	5
611050.43	4206099.03	0.03103	9	9	0	ANNUAL	LINE	5
611057.43	4206099.03	0.03054	9	9	0	ANNUAL	LINE	5
611064.43	4206099.03	0.03008	9	9	0	ANNUAL	LINE	5
611071.43	4206099.03	0.02962	9	9	0	ANNUAL	LINE	5
611078.43	4206099.03	0.02918	9	9	0	ANNUAL	LINE	5
610294.43	4206106.03	0.42073	12	12	0	ANNUAL	LINE	5
610301.43	4206106.03	0.41918	12	12	0	ANNUAL	LINE	5
610308.43	4206106.03	0.41754	12	12	0	ANNUAL	LINE	5
610315.43	4206106.03	0.41583	12	12	0	ANNUAL	LINE	5
610322.43	4206106.03	0.41403	12	12	0	ANNUAL	LINE	5
610329.43	4206106.03	0.41214	12	12	0	ANNUAL	LINE	5
610336.43	4206106.03	0.41016	12	12	0	ANNUAL	LINE	5
610343.43	4206106.03	0.40808	12	12	0	ANNUAL	LINE	5
610350.43	4206106.03	0.40589	12	12	0	ANNUAL	LINE	5
610357.43	4206106.03	0.40359	12	12	0	ANNUAL	LINE	5
610364.43	4206106.03	0.40117	12	12	0	ANNUAL	LINE	5
610371.43	4206106.03	0.39863	12	12	0	ANNUAL	LINE	5
610378.43	4206106.03	0.39595	12	12	0	ANNUAL	LINE	5
610385.43	4206106.03	0.39314	12	12	0	ANNUAL	LINE	5
610392.43	4206106.03	0.39019	12	12	0	ANNUAL	LINE	5
610399.43	4206106.03	0.38709	12	12	0	ANNUAL	LINE	5
610406.43	4206106.03	0.38383	12	12	0	ANNUAL	LINE	5
610413.43	4206106.03	0.38042	12	12	0	ANNUAL	LINE	5
610420.43	4206106.03	0.37701	11.91	11.91	0	ANNUAL	LINE	5
610427.43	4206106.03	0.37341	11.82	11.82	0	ANNUAL	LINE	5
610434.43	4206106.03	0.36958	11.74	11.74	0	ANNUAL	LINE	5
610441.43	4206106.03	0.36555	11.65	11.65	0	ANNUAL	LINE	5
610448.43	4206106.03	0.36131	11.56	11.56	0	ANNUAL	LINE	5
610455.43	4206106.03	0.35686	11.47	11.47	0	ANNUAL	LINE	5
610462.43	4206106.03	0.35218	11.38	11.38	0	ANNUAL	LINE	5
610469.43	4206106.03	0.34727	11.29	11.29	0	ANNUAL	LINE	5
610476.43	4206106.03	0.34214	11.2	11.2	0	ANNUAL	LINE	5
610483.43	4206106.03	0.33679	11.11	11.11	0	ANNUAL	LINE	5
610497.43	4206106.03	0.32537	11.06	11.06	0	ANNUAL	LINE	5
610504.43	4206106.03	0.31933	11.05	11.05	0	ANNUAL	LINE	5
610511.43	4206106.03	0.31308	11.04	11.04	0	ANNUAL	LINE	5
610518.43	4206106.03	0.30662	11.04	11.04	0	ANNUAL	LINE	5
610525.43	4206106.03	0.29996	11.03	11.03	0	ANNUAL	LINE	5
610532.43	4206106.03	0.29311	11.02	11.02	0	ANNUAL	LINE	5
610539.43	4206106.03	0.28607	11.02	11.02	0	ANNUAL	LINE	5
610546.43	4206106.03	0.27886	11.01	11.01	0	ANNUAL	LINE	5
610553.43	4206106.03	0.27148	11.01	11.01	0	ANNUAL	LINE	5
610560.43	4206106.03	0.26396	10.99	10.99	0	ANNUAL	LINE	5
610567.43	4206106.03	0.25635	10.9	10.9	0	ANNUAL	LINE	5
610574.43	4206106.03	0.24862	10.81	10.81	0	ANNUAL	LINE	5
610581.43	4206106.03	0.24081	10.72	10.72	0	ANNUAL	LINE	5
610588.43	4206106.03	0.23294	10.63	10.63	0	ANNUAL	LINE	5
610595.43	4206106.03	0.22502	10.54	10.54	0	ANNUAL	LINE	5
610602.43	4206106.03	0.2171	10.45	10.45	0	ANNUAL	LINE	5
610609.43	4206106.03	0.20918	10.36	10.36	0	ANNUAL	LINE	5
610616.43	4206106.03	0.20131	10.27	10.27	0	ANNUAL	LINE	5
610620	4206104.63	0.19527	10.21	10.21	0	ANNUAL	LINE	5
610770.43	4206106.03	0.07891	9	9	0	ANNUAL	LINE	5
610777.43	4206106.03	0.07622	9	9	0	ANNUAL	LINE	5
610784.43	4206106.03	0.07371	9	9	0	ANNUAL	LINE	5
610791.43	4206106.03	0.07136	9	9	0	ANNUAL	LINE	5
610798.43	4206106.03	0.06916	9	9	0	ANNUAL	LINE	5
610805.43	4206106.03	0.06709	9	9	0	ANNUAL	LINE	5
610812.43	4206106.03	0.06514	9	9	0	ANNUAL	LINE	5
610819.43	4206106.03	0.0633	9	9	0	ANNUAL	LINE	5
610833.43	4206106.03	0.05992	9	9	0	ANNUAL	LINE	5
610840.43	4206106.03	0.05835	9	9	0	ANNUAL	LINE	5
610847.43	4206106.03	0.05686	9	9	0	ANNUAL	LINE	5
610854.43	4206106.03	0.05544	9	9	0	ANNUAL	LINE	5
610861.43	4206106.03	0.05409	9	9	0	ANNUAL	LINE	5
610868.43	4206106.03	0.05279	9	9	0	ANNUAL	LINE	5
610875.43	4206106.03	0.05155	9	9	0	ANNUAL	LINE	5
610882.43	4206106.03	0.05036	9	9	0	ANNUAL	LINE	5
610889.43	4206106.03	0.04922	9	9	0	ANNUAL	LINE	5
610896.43	4206106.03	0.04813	9	9	0	ANNUAL	LINE	5
610903.43	4206106.03	0.04708	9	9	0	ANNUAL	LINE	5
610910.43	4206106.03	0.04607	9	9	0	ANNUAL	LINE	5
610917.43	4206106.03	0.0451	9	9	0	ANNUAL	LINE	5
610924.43	4206106.03	0.04416	9	9	0	ANNUAL	LINE	5
610931.43	4206106.03	0.04326	9	9	0	ANNUAL	LINE	5
610952.43	4206106.03	0.04075	9	9	0	ANNUAL	LINE	5
610959.43	4206106.03	0.03997	9	9	0	ANNUAL	LINE	5
610966.43	4206106.03	0.03922	9	9	0	ANNUAL	LINE	5
610973.43	4206106.03	0.03849	9	9	0	ANNUAL	LINE	5
610980.43	4206106.03	0.03779	9	9	0	ANNUAL	LINE	5
610987.43	4206106.03	0.03711	9	9	0	ANNUAL	LINE	5
610994.43	4206106.03	0.03645	9	9	0	ANNUAL	LINE	5
611001.43	4206106.03	0.03582	9	9	0	ANNUAL	LINE	5
611008.43	4206106.03	0.0352	9	9	0	ANNUAL	LINE	5
611015.43	4206106.03	0.0346	9	9	0	ANNUAL	LINE	5
611022.43	4206106.03	0.03403	9	9	0	ANNUAL	LINE	5
611029.43	4206106.03	0.03347	9	9	0	ANNUAL	LINE	5
611036.43	4206106.03	0.03292	9	9	0	ANNUAL	LINE	5
611043.43	4206106.03	0.03239	9	9	0	ANNUAL	LINE	5

611050.43	4206106.03	0.03188	9	9	0	ANNUAL	LINE	5
611057.43	4206106.03	0.03138	9	9	0	ANNUAL	LINE	5
611064.43	4206106.03	0.0309	9	9	0	ANNUAL	LINE	5
611071.43	4206106.03	0.03043	9	9	0	ANNUAL	LINE	5
610294.43	4206113.03	0.44066	12	12	0	ANNUAL	LINE	5
610301.43	4206113.03	0.43911	12	12	0	ANNUAL	LINE	5
610308.43	4206113.03	0.43749	12	12	0	ANNUAL	LINE	5
610315.43	4206113.03	0.43579	12	12	0	ANNUAL	LINE	5
610322.43	4206113.03	0.434	12	12	0	ANNUAL	LINE	5
610329.43	4206113.03	0.43212	12	12	0	ANNUAL	LINE	5
610336.43	4206113.03	0.43014	12	12	0	ANNUAL	LINE	5
610343.43	4206113.03	0.42807	12	12	0	ANNUAL	LINE	5
610350.43	4206113.03	0.42588	12	12	0	ANNUAL	LINE	5
610357.43	4206113.03	0.42358	12	12	0	ANNUAL	LINE	5
610364.43	4206113.03	0.42115	12	12	0	ANNUAL	LINE	5
610371.43	4206113.03	0.4186	12	12	0	ANNUAL	LINE	5
610378.43	4206113.03	0.41592	12	12	0	ANNUAL	LINE	5
610385.43	4206113.03	0.41309	12	12	0	ANNUAL	LINE	5
610392.43	4206113.03	0.41011	12	12	0	ANNUAL	LINE	5
610399.43	4206113.03	0.40698	12	12	0	ANNUAL	LINE	5
610406.43	4206113.03	0.40368	12	12	0	ANNUAL	LINE	5
610413.43	4206113.03	0.40022	12	12	0	ANNUAL	LINE	5
610420.43	4206113.03	0.39675	11.92	11.92	0	ANNUAL	LINE	5
610427.43	4206113.03	0.39307	11.84	11.84	0	ANNUAL	LINE	5
610434.43	4206113.03	0.38918	11.76	11.76	0	ANNUAL	LINE	5
610441.43	4206113.03	0.38507	11.67	11.67	0	ANNUAL	LINE	5
610448.43	4206113.03	0.38073	11.59	11.59	0	ANNUAL	LINE	5
610455.43	4206113.03	0.37616	11.51	11.51	0	ANNUAL	LINE	5
610462.43	4206113.03	0.37135	11.43	11.43	0	ANNUAL	LINE	5
610469.43	4206113.03	0.36631	11.35	11.35	0	ANNUAL	LINE	5
610476.43	4206113.03	0.36103	11.26	11.26	0	ANNUAL	LINE	5
610483.43	4206113.03	0.3555	11.18	11.18	0	ANNUAL	LINE	5
610497.43	4206113.03	0.34368	11.12	11.12	0	ANNUAL	LINE	5
610504.43	4206113.03	0.3374	11.11	11.11	0	ANNUAL	LINE	5
610511.43	4206113.03	0.3309	11.09	11.09	0	ANNUAL	LINE	5
610518.43	4206113.03	0.32415	11.08	11.08	0	ANNUAL	LINE	5
610525.43	4206113.03	0.31719	11.07	11.07	0	ANNUAL	LINE	5
610532.43	4206113.03	0.31	11.05	11.05	0	ANNUAL	LINE	5
610539.43	4206113.03	0.3026	11.04	11.04	0	ANNUAL	LINE	5
610546.43	4206113.03	0.29501	11.02	11.02	0	ANNUAL	LINE	5
610553.43	4206113.03	0.28722	11.01	11.01	0	ANNUAL	LINE	5
610560.43	4206113.03	0.27927	10.99	10.99	0	ANNUAL	LINE	5
610567.43	4206113.03	0.27118	10.91	10.91	0	ANNUAL	LINE	5
610574.43	4206113.03	0.26297	10.83	10.83	0	ANNUAL	LINE	5
610581.43	4206113.03	0.25465	10.74	10.74	0	ANNUAL	LINE	5
610588.43	4206113.03	0.24625	10.66	10.66	0	ANNUAL	LINE	5
610595.43	4206113.03	0.23779	10.57	10.57	0	ANNUAL	LINE	5
610602.43	4206113.03	0.22931	10.49	10.49	0	ANNUAL	LINE	5
610609.43	4206113.03	0.22083	10.41	10.41	0	ANNUAL	LINE	5
610616.43	4206113.03	0.21238	10.32	10.32	0	ANNUAL	LINE	5
610620	4206111.63	0.20587	10.27	10.27	0	ANNUAL	LINE	5
610767.12	4206112.39	0.08285	9.02	9.02	0	ANNUAL	LINE	5
610770.43	4206113.03	0.08172	9.01	9.01	0	ANNUAL	LINE	5
610777.43	4206113.03	0.07891	9	9	0	ANNUAL	LINE	5
610784.43	4206113.03	0.07629	9	9	0	ANNUAL	LINE	5
610791.43	4206113.03	0.07383	9	9	0	ANNUAL	LINE	5
610798.43	4206113.03	0.07153	9	9	0	ANNUAL	LINE	5
610805.43	4206113.03	0.06938	9	9	0	ANNUAL	LINE	5
610812.43	4206113.03	0.06734	9	9	0	ANNUAL	LINE	5
610819.43	4206113.03	0.06542	9	9	0	ANNUAL	LINE	5
610833.43	4206113.03	0.06189	9	9	0	ANNUAL	LINE	5
610840.43	4206113.03	0.06026	9	9	0	ANNUAL	LINE	5
610847.43	4206113.03	0.05871	9	9	0	ANNUAL	LINE	5
610854.43	4206113.03	0.05723	9	9	0	ANNUAL	LINE	5
610861.43	4206113.03	0.05582	9	9	0	ANNUAL	LINE	5
610868.43	4206113.03	0.05447	9	9	0	ANNUAL	LINE	5
610875.43	4206113.03	0.05318	9	9	0	ANNUAL	LINE	5
610882.43	4206113.03	0.05194	9	9	0	ANNUAL	LINE	5
610889.43	4206113.03	0.05076	9	9	0	ANNUAL	LINE	5
610896.43	4206113.03	0.04962	9	9	0	ANNUAL	LINE	5
610903.43	4206113.03	0.04853	9	9	0	ANNUAL	LINE	5
610910.43	4206113.03	0.04748	9	9	0	ANNUAL	LINE	5
610917.43	4206113.03	0.04647	9	9	0	ANNUAL	LINE	5
610924.43	4206113.03	0.0455	9	9	0	ANNUAL	LINE	5
610931.43	4206113.03	0.04457	9	9	0	ANNUAL	LINE	5
610952.43	4206113.03	0.04196	9	9	0	ANNUAL	LINE	5
610959.43	4206113.03	0.04115	9	9	0	ANNUAL	LINE	5
610966.43	4206113.03	0.04038	9	9	0	ANNUAL	LINE	5
610973.43	4206113.03	0.03962	9	9	0	ANNUAL	LINE	5
610980.43	4206113.03	0.0389	9	9	0	ANNUAL	LINE	5
610987.43	4206113.03	0.03819	9	9	0	ANNUAL	LINE	5
610994.43	4206113.03	0.03751	9	9	0	ANNUAL	LINE	5
611001.43	4206113.03	0.03686	9	9	0	ANNUAL	LINE	5
611008.43	4206113.03	0.03622	9	9	0	ANNUAL	LINE	5
611015.43	4206113.03	0.0356	9	9	0	ANNUAL	LINE	5
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611029.43	4206113.03	0.03442	9	9	0	ANNUAL	LINE	5
611036.43	4206113.03	0.03386	9	9	0	ANNUAL	LINE	5
611043.43	4206113.03	0.03332	9	9	0	ANNUAL	LINE	5
611050.43	4206113.03	0.03279	9	9	0	ANNUAL	LINE	5
611057.43	4206113.03	0.03227	9	9	0	ANNUAL	LINE	5
611064.43	4206113.03	0.03177	9	9	0	ANNUAL	LINE	5
611071.43	4206113.03	0.03129	9	9	0	ANNUAL	LINE	5
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610308.43	4206120.03	0.45895	12	12	0	ANNUAL	LINE	5
610315.43	4206120.03	0.45726	12	12	0	ANNUAL	LINE	5
610322.43	4206120.03	0.45548	12	12	0	ANNUAL	LINE	5
610329.43	4206120.03	0.45362	12	12	0	ANNUAL	LINE	5
610336.43	4206120.03	0.45165	12	12	0	ANNUAL	LINE	5
610343.43	4206120.03	0.44958	12	12	0	ANNUAL	LINE	5
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610357.43	4206120.03	0.4451	12	12	0	ANNUAL	LINE	5
610364.43	4206120.03	0.44267	12	12	0	ANNUAL	LINE	5
610371.43	4206120.03	0.44011	12	12	0	ANNUAL	LINE	5
610378.43	4206120.03	0.43742	12	12	0	ANNUAL	LINE	5
610385.43	4206120.03	0.43457	12	12	0	ANNUAL	LINE	5
610392.43	4206120.03	0.43157	12	12	0	ANNUAL	LINE	5
610399.43	4206120.03	0.42841	12	12	0	ANNUAL	LINE	5
610406.43	4206120.03	0.42508	12	12	0	ANNUAL	LINE	5
610413.43	4206120.03	0.42157	12	12	0	ANNUAL	LINE	5
610420.43	4206120.03	0.41807	11.92	11.92	0	ANNUAL	LINE	5
610427.43	4206120.03	0.41432	11.85	11.85	0	ANNUAL	LINE	5
610434.43	4206120.03	0.41034	11.78	11.78	0	ANNUAL	LINE	5
610441.43	4206120.03	0.40615	11.7	11.7	0	ANNUAL	LINE	5
610448.43	4206120.03	0.4017	11.63	11.63	0	ANNUAL	LINE	5
610455.43	4206120.03	0.39703	11.55	11.55	0	ANNUAL	LINE	5
610462.43	4206120.03	0.3921	11.48	11.48	0	ANNUAL	LINE	5
610469.43	4206120.03	0.38693	11.4	11.4	0	ANNUAL	LINE	5
610476.43	4206120.03	0.38148	11.33	11.33	0	ANNUAL	LINE	5
610483.43	4206120.03	0.37579	11.25	11.25	0	ANNUAL	LINE	5
610497.43	4206120.03	0.36355	11.19	11.19	0	ANNUAL	LINE	5
610504.43	4206120.03	0.35704	11.16	11.16	0	ANNUAL	LINE	5
610511.43	4206120.03	0.35027	11.14	11.14	0	ANNUAL	LINE	5
610518.43	4206120.03	0.34324	11.12	11.12	0	ANNUAL	LINE	5
610525.43	4206120.03	0.33595	11.1	11.1	0	ANNUAL	LINE	5
610532.43	4206120.03	0.32842	11.08	11.08	0	ANNUAL	LINE	5
610539.43	4206120.03	0.32064	11.06	11.06	0	ANNUAL	LINE	5
610546.43	4206120.03	0.31263	11.04	11.04	0	ANNUAL	LINE	5
610553.43	4206120.03	0.30441	11.02	11.02	0	ANNUAL	LINE	5
610560.43	4206120.03	0.29599	10.99	10.99	0	ANNUAL	LINE	5
610567.43	4206120.03	0.28741	10.92	10.92	0	ANNUAL	LINE	5
610574.43	4206120.03	0.27867	10.84	10.84	0	ANNUAL	LINE	5
610581.43	4206120.03	0.26979	10.76	10.76	0	ANNUAL	LINE	5
610588.43	4206120.03	0.26081	10.69	10.69	0	ANNUAL	LINE	5
610595.43	4206120.03	0.25176	10.61	10.61	0	ANNUAL	LINE	5
610602.43	4206120.03	0.24267	10.53	10.53	0	ANNUAL	LINE	5
610609.43	4206120.03	0.23357	10.46	10.46	0	ANNUAL	LINE	5
610615.16	4206121.68	0.22919	10.41	10.41	0	ANNUAL	LINE	5
610618.73	4206123.84	0.22848	10.39	10.39	0	ANNUAL	LINE	5
610767.12	4206119.39	0.0859	9.03	9.03	0	ANNUAL	LINE	5
610770.43	4206120.03	0.08473	9.02	9.02	0	ANNUAL	LINE	5
610777.43	4206120.03	0.08178	9	9	0	ANNUAL	LINE	5
610784.43	4206120.03	0.07903	9	9	0	ANNUAL	LINE	5
610791.43	4206120.03	0.07647	9	9	0	ANNUAL	LINE	5
610798.43	4206120.03	0.07406	9	9	0	ANNUAL	LINE	5
610805.43	4206120.03	0.07181	9	9	0	ANNUAL	LINE	5
610812.43	4206120.03	0.06968	9	9	0	ANNUAL	LINE	5
610819.43	4206120.03	0.06768	9	9	0	ANNUAL	LINE	5
610833.43	4206120.03	0.06399	9	9	0	ANNUAL	LINE	5
610840.43	4206120.03	0.06229	9	9	0	ANNUAL	LINE	5
610847.43	4206120.03	0.06067	9	9	0	ANNUAL	LINE	5
610854.43	4206120.03	0.05913	9	9	0	ANNUAL	LINE	5
610861.43	4206120.03	0.05766	9	9	0	ANNUAL	LINE	5
610868.43	4206120.03	0.05625	9	9	0	ANNUAL	LINE	5
610875.43	4206120.03	0.05491	9	9	0	ANNUAL	LINE	5
610882.43	4206120.03	0.05362	9	9	0	ANNUAL	LINE	5
610889.43	4206120.03	0.05239	9	9	0	ANNUAL	LINE	5
610896.43	4206120.03	0.0512	9	9	0	ANNUAL	LINE	5
610903.43	4206120.03	0.05007	9	9	0	ANNUAL	LINE	5
610910.43	4206120.03	0.04898	9	9	0	ANNUAL	LINE	5
610917.43	4206120.03	0.04793	9	9	0	ANNUAL	LINE	5
610924.43	4206120.03	0.04692	9	9	0	ANNUAL	LINE	5
610931.43	4206120.03	0.04595	9	9	0	ANNUAL	LINE	5
610952.43	4206120.03	0.04325	9	9	0	ANNUAL	LINE	5
610959.43	4206120.03	0.04241	9	9	0	ANNUAL	LINE	5
610966.43	4206120.03	0.04161	9	9	0	ANNUAL	LINE	5
610973.43	4206120.03	0.04083	9	9	0	ANNUAL	LINE	5
610980.43	4206120.03	0.04007	9	9	0	ANNUAL	LINE	5
610987.43	4206120.03	0.03934	9	9	0	ANNUAL	LINE	5
610994.43	4206120.03	0.03864	9	9	0	ANNUAL	LINE	5
611001.43	4206120.03	0.03796	9	9	0	ANNUAL	LINE	5
611008.43	4206120.03	0.0373	9	9	0	ANNUAL	LINE	5
611036.43	4206120.03	0.03486	9	9	0	ANNUAL	LINE	5
611043.43	4206120.03	0.03429	9	9	0	ANNUAL	LINE	5
611050.43	4206120.03	0.03375	9	9	0	ANNUAL	LINE	5
611057.43	4206120.03	0.03321	9	9	0	ANNUAL	LINE	5
611064.43	4206120.03	0.03269	9	9	0	ANNUAL	LINE	5
611071.43	4206120.03	0.03219	9	9	0	ANNUAL	LINE	5
611078.43	4206120.03	0.0317	9	9	0	ANNUAL	LINE	5
610294.43	4206127.03	0.48519	12	12	0	ANNUAL	LINE	5
610301.43	4206127.03	0.48368	12	12	0	ANNUAL	LINE	5
610308.43	4206127.03	0.48209	12	12	0	ANNUAL	LINE	5
610315.43	4206127.03	0.48042	12	12	0	ANNUAL	LINE	5
610322.43	4206127.03	0.47866	12	12	0	ANNUAL	LINE	5
610329.43	4206127.03	0.4768	12	12	0	ANNUAL	LINE	5
610336.43	4206127.03	0.47485	12	12	0	ANNUAL	LINE	5
610343.43	4206127.03	0.47279	12	12	0	ANNUAL	LINE	5
610350.43	4206127.03	0.47061	12	12	0	ANNUAL	LINE	5
610357.43	4206127.03	0.46832	12	12	0	ANNUAL	LINE	5
610364.43	4206127.03	0.46589	12	12	0	ANNUAL	LINE	5
610371.43	4206127.03	0.46333	12	12	0	ANNUAL	LINE	5
610378.43	4206127.03	0.46063	12	12	0	ANNUAL	LINE	5
610385.43	4206127.03	0.45777	12	12	0	ANNUAL	LINE	5
610392.43	4206127.03	0.45475	12	12	0	ANNUAL	LINE	5
610399.43	4206127.03	0.45157	12	12	0	ANNUAL	LINE	5
610406.43	4206127.03	0.44821	12	12	0	ANNUAL	LINE	5
610413.43	4206127.03	0.44466	12	12	0	ANNUAL	LINE	5
610420.43	4206127.03	0.44109	11.93	11.93	0	ANNUAL	LINE	5
610427.43	4206127.03	0.43729	11.86	11.86	0	ANNUAL	LINE	5
610434.43	4206127.03	0.43324	11.8	11.8	0	ANNUAL	LINE	5
610441.43	4206127.03	0.42896	11.73	11.73	0	ANNUAL	LINE	5
610448.43	4206127.03	0.42443	11.66	11.66	0	ANNUAL	LINE	5
610455.43	4206127.03	0.41964	11.6	11.6	0	ANNUAL	LINE	5
610462.43	4206127.03	0.41459	11.53	11.53	0	ANNUAL	LINE	5
610469.43	4206127.03	0.40928	11.46	11.46	0	ANNUAL	LINE	5
610476.43	4206127.03	0.40369	11.39	11.39	0	ANNUAL	LINE	5
610483.43	4206127.03	0.39782	11.32	11.32	0	ANNUAL	LINE	5
610497.43	4206127.03	0.38518	11.25	11.25	0	ANNUAL	LINE	5
610504.43	4206127.03	0.37842	11.22	11.22	0	ANNUAL	LINE	5
610511.43	4206127.03	0.37138	11.19	11.19	0	ANNUAL	LINE	5

610518.43	4206127.03	0.36405	11.16	11.16	0	ANNUAL	LINE	5
610525.43	4206127.03	0.35643	11.14	11.14	0	ANNUAL	LINE	5
610532.43	4206127.03	0.34854	11.11	11.11	0	ANNUAL	LINE	5
610539.43	4206127.03	0.34036	11.08	11.08	0	ANNUAL	LINE	5
610546.43	4206127.03	0.33193	11.05	11.05	0	ANNUAL	LINE	5
610553.43	4206127.03	0.32324	11.02	11.02	0	ANNUAL	LINE	5
610560.43	4206127.03	0.31432	10.99	10.99	0	ANNUAL	LINE	5
610567.43	4206127.03	0.3052	10.92	10.92	0	ANNUAL	LINE	5
610574.43	4206127.03	0.29589	10.85	10.85	0	ANNUAL	LINE	5
610581.43	4206127.03	0.28641	10.79	10.79	0	ANNUAL	LINE	5
610588.43	4206127.03	0.27681	10.72	10.72	0	ANNUAL	LINE	5
610595.43	4206127.03	0.26711	10.65	10.65	0	ANNUAL	LINE	5
610602.43	4206127.03	0.25734	10.58	10.58	0	ANNUAL	LINE	5
610609.43	4206127.03	0.24756	10.51	10.51	0	ANNUAL	LINE	5
610616.43	4206127.03	0.23779	10.44	10.44	0	ANNUAL	LINE	5
610767.12	4206126.39	0.08916	9.04	9.04	0	ANNUAL	LINE	5
610770.43	4206127.03	0.08793	9.03	9.03	0	ANNUAL	LINE	5
610777.43	4206127.03	0.08484	9.01	9.01	0	ANNUAL	LINE	5
610784.43	4206127.03	0.08197	9	9	0	ANNUAL	LINE	5
610791.43	4206127.03	0.07928	9	9	0	ANNUAL	LINE	5
610798.43	4206127.03	0.07676	9	9	0	ANNUAL	LINE	5
610805.43	4206127.03	0.0744	9	9	0	ANNUAL	LINE	5
610812.43	4206127.03	0.07218	9	9	0	ANNUAL	LINE	5
610819.43	4206127.03	0.07009	9	9	0	ANNUAL	LINE	5
610833.43	4206127.03	0.06623	9	9	0	ANNUAL	LINE	5
610840.43	4206127.03	0.06445	9	9	0	ANNUAL	LINE	5
610847.43	4206127.03	0.06276	9	9	0	ANNUAL	LINE	5
610854.43	4206127.03	0.06115	9	9	0	ANNUAL	LINE	5
610861.43	4206127.03	0.05962	9	9	0	ANNUAL	LINE	5
610868.43	4206127.03	0.05815	9	9	0	ANNUAL	LINE	5
610875.43	4206127.03	0.05675	9	9	0	ANNUAL	LINE	5
610882.43	4206127.03	0.05541	9	9	0	ANNUAL	LINE	5
610889.43	4206127.03	0.05412	9	9	0	ANNUAL	LINE	5
610896.43	4206127.03	0.05289	9	9	0	ANNUAL	LINE	5
610903.43	4206127.03	0.05171	9	9	0	ANNUAL	LINE	5
610910.43	4206127.03	0.05057	9	9	0	ANNUAL	LINE	5
610917.43	4206127.03	0.04948	9	9	0	ANNUAL	LINE	5
610924.43	4206127.03	0.04843	9	9	0	ANNUAL	LINE	5
610931.43	4206127.03	0.04743	9	9	0	ANNUAL	LINE	5
610952.43	4206127.03	0.04462	9	9	0	ANNUAL	LINE	5
610959.43	4206127.03	0.04375	9	9	0	ANNUAL	LINE	5
610966.43	4206127.03	0.04291	9	9	0	ANNUAL	LINE	5
610973.43	4206127.03	0.04211	9	9	0	ANNUAL	LINE	5
610980.43	4206127.03	0.04132	9	9	0	ANNUAL	LINE	5
610987.43	4206127.03	0.04057	9	9	0	ANNUAL	LINE	5
610994.43	4206127.03	0.03984	9	9	0	ANNUAL	LINE	5
611001.43	4206127.03	0.03913	9	9	0	ANNUAL	LINE	5
611008.43	4206127.03	0.03845	9	9	0	ANNUAL	LINE	5
611043.43	4206127.03	0.03533	9	9	0	ANNUAL	LINE	5
611050.43	4206127.03	0.03476	9	9	0	ANNUAL	LINE	5
611057.43	4206127.03	0.03421	9	9	0	ANNUAL	LINE	5
611064.43	4206127.03	0.03367	9	9	0	ANNUAL	LINE	5
611071.43	4206127.03	0.03315	9	9	0	ANNUAL	LINE	5
611078.43	4206127.03	0.03264	9	9	0	ANNUAL	LINE	5
611085.43	4206127.03	0.03215	9	9	0	ANNUAL	LINE	5
611092.43	4206127.03	0.03166	9	9	0	ANNUAL	LINE	5
610294.43	4206134.03	0.51018	12	12	0	ANNUAL	LINE	5
610301.43	4206134.03	0.50868	12	12	0	ANNUAL	LINE	5
610308.43	4206134.03	0.50711	12	12	0	ANNUAL	LINE	5
610315.43	4206134.03	0.50545	12	12	0	ANNUAL	LINE	5
610322.43	4206134.03	0.50371	12	12	0	ANNUAL	LINE	5
610329.43	4206134.03	0.50187	12	12	0	ANNUAL	LINE	5
610336.43	4206134.03	0.49994	12	12	0	ANNUAL	LINE	5
610343.43	4206134.03	0.49789	12	12	0	ANNUAL	LINE	5
610350.43	4206134.03	0.49573	12	12	0	ANNUAL	LINE	5
610357.43	4206134.03	0.49344	12	12	0	ANNUAL	LINE	5
610364.43	4206134.03	0.49102	12	12	0	ANNUAL	LINE	5
610371.43	4206134.03	0.48846	12	12	0	ANNUAL	LINE	5
610378.43	4206134.03	0.48575	12	12	0	ANNUAL	LINE	5
610385.43	4206134.03	0.48288	12	12	0	ANNUAL	LINE	5
610392.43	4206134.03	0.47985	12	12	0	ANNUAL	LINE	5
610399.43	4206134.03	0.47664	12	12	0	ANNUAL	LINE	5
610406.43	4206134.03	0.47325	12	12	0	ANNUAL	LINE	5
610413.43	4206134.03	0.46967	12	12	0	ANNUAL	LINE	5
610420.43	4206134.03	0.46605	11.94	11.94	0	ANNUAL	LINE	5
610427.43	4206134.03	0.46218	11.88	11.88	0	ANNUAL	LINE	5
610434.43	4206134.03	0.45807	11.82	11.82	0	ANNUAL	LINE	5
610441.43	4206134.03	0.45371	11.76	11.76	0	ANNUAL	LINE	5
610448.43	4206134.03	0.44909	11.7	11.7	0	ANNUAL	LINE	5
610455.43	4206134.03	0.4442	11.64	11.64	0	ANNUAL	LINE	5
610462.43	4206134.03	0.43904	11.58	11.58	0	ANNUAL	LINE	5
610469.43	4206134.03	0.43359	11.52	11.52	0	ANNUAL	LINE	5
610476.43	4206134.03	0.42785	11.46	11.46	0	ANNUAL	LINE	5
610483.43	4206134.03	0.4218	11.4	11.4	0	ANNUAL	LINE	5
610497.43	4206134.03	0.40876	11.31	11.31	0	ANNUAL	LINE	5
610504.43	4206134.03	0.40176	11.28	11.28	0	ANNUAL	LINE	5
610511.43	4206134.03	0.39445	11.24	11.24	0	ANNUAL	LINE	5
610518.43	4206134.03	0.38681	11.21	11.21	0	ANNUAL	LINE	5
610525.43	4206134.03	0.37885	11.17	11.17	0	ANNUAL	LINE	5
610532.43	4206134.03	0.37058	11.13	11.13	0	ANNUAL	LINE	5
610539.43	4206134.03	0.36199	11.1	11.1	0	ANNUAL	LINE	5
610546.43	4206134.03	0.3531	11.06	11.06	0	ANNUAL	LINE	5
610553.43	4206134.03	0.34391	11.03	11.03	0	ANNUAL	LINE	5
610560.43	4206134.03	0.33446	10.99	10.99	0	ANNUAL	LINE	5
610567.43	4206134.03	0.32476	10.93	10.93	0	ANNUAL	LINE	5
610574.43	4206134.03	0.31483	10.87	10.87	0	ANNUAL	LINE	5
610581.43	4206134.03	0.30471	10.81	10.81	0	ANNUAL	LINE	5
610588.43	4206134.03	0.29442	10.75	10.75	0	ANNUAL	LINE	5
610595.43	4206134.03	0.28401	10.68	10.68	0	ANNUAL	LINE	5
610602.43	4206134.03	0.27351	10.62	10.62	0	ANNUAL	LINE	5
610609.43	4206134.03	0.26296	10.56	10.56	0	ANNUAL	LINE	5
610616.43	4206134.03	0.25242	10.5	10.5	0	ANNUAL	LINE	5
610767.12	4206133.39	0.09266	9.05	9.05	0	ANNUAL	LINE	5
610770.43	4206134.03	0.09137	9.04	9.04	0	ANNUAL	LINE	5
610777.43	4206134.03	0.08812	9.01	9.01	0	ANNUAL	LINE	5
610784.43	4206134.03	0.0851	9	9	0	ANNUAL	LINE	5
610791.43	4206134.03	0.08229	9	9	0	ANNUAL	LINE	5
610798.43	4206134.03	0.07965	9	9	0	ANNUAL	LINE	5
610805.43	4206134.03	0.07718	9	9	0	ANNUAL	LINE	5
610812.43	4206134.03	0.07485	9	9	0	ANNUAL	LINE	5
610833.43	4206134.03	0.06863	9	9	0	ANNUAL	LINE	5
610840.43	4206134.03	0.06676	9	9	0	ANNUAL	LINE	5
610847.43	4206134.03	0.065	9	9	0	ANNUAL	LINE	5
610854.43	4206134.03	0.06331	9	9	0	ANNUAL	LINE	5
610861.43	4206134.03	0.06171	9	9	0	ANNUAL	LINE	5
610868.43	4206134.03	0.06017	9	9	0	ANNUAL	LINE	5
610875.43	4206134.03	0.05871	9	9	0	ANNUAL	LINE	5
610882.43	4206134.03	0.05731	9	9	0	ANNUAL	LINE	5
610889.43	4206134.03	0.05597	9	9	0	ANNUAL	LINE	5
610896.43	4206134.03	0.05469	9	9	0	ANNUAL	LINE	5
610903.43	4206134.03	0.05345	9	9	0	ANNUAL	LINE	5
610910.43	4206134.03	0.05227	9	9	0	ANNUAL	LINE	5
610917.43	4206134.03	0.05114	9	9	0	ANNUAL	LINE	5
610924.43	4206134.03	0.05005	9	9	0	ANNUAL	LINE	5
610931.43	4206134.03	0.049	9	9	0	ANNUAL	LINE	5
610952.43	4206134.03	0.04608	9	9	0	ANNUAL	LINE	5
610959.43	4206134.03	0.04518	9	9	0	ANNUAL	LINE	5
610966.43	4206134.03	0.04431	9	9	0	ANNUAL	LINE	5
610973.43	4206134.03	0.04347	9	9	0	ANNUAL	LINE	5
610980.43	4206134.03	0.04266	9	9	0	ANNUAL	LINE	5
610987.43	4206134.03	0.04187	9	9	0	ANNUAL	LINE	5
610994.43	4206134.03	0.04111	9	9	0	ANNUAL	LINE	5
611001.43	4206134.03	0.04038	9	9	0	ANNUAL	LINE	5
611008.43	4206134.03	0.03967	9	9	0	ANNUAL	LINE	5
611036.43	4206134.03	0.03704	9	9	0	ANNUAL	LINE	5
611043.43	4206134.03	0.03643	9	9	0	ANNUAL	LINE	5
611050.43	4206134.03	0.03584	9	9	0	ANNUAL	LINE	5
611057.43	4206134.03	0.03527	9	9	0	ANNUAL	LINE	5
611064.43	4206134.03	0.03471	9	9	0	ANNUAL	LINE	5
611071.43	4206134.03	0.03416	9	9	0	ANNUAL	LINE	5
611078.43	4206134.03	0.03363	9	9	0	ANNUAL	LINE	5
611085.43	4206134.03	0.03312	9	9	0	ANNUAL	LINE	5
611092.43	4206134.03	0.03262	9	9	0	ANNUAL	LINE	5
610294.43	4206141.03	0.53727	12	12	0	ANNUAL	LINE	5
610301.43	4206141.03	0.53579	12	12	0	ANNUAL	LINE	5
610308.43	4206141.03	0.53424	12	12	0	ANNUAL	LINE	5
610315.43	4206141.03	0.53261	12	12	0	ANNUAL	LINE	5
610322.43	4206141.03	0.53089	12	12	0	ANNUAL	LINE	5
610329.43	4206141.03	0.52907	12	12	0	ANNUAL	LINE	5
610336.43	4206141.03	0.52715	12	12	0	ANNUAL	LINE	5
610343.43	4206141.03	0.52512	12	12	0	ANNUAL	LINE	5
610350.43	4206141.03	0.52297	12	12	0	ANNUAL	LINE	5
610357.43	4206141.03	0.52069	12	12	0	ANNUAL	LINE	5
610364.43	4206141.03	0.51828	12	12	0	ANNUAL	LINE	5
610371.43	4206141.03	0.51572	12	12	0	ANNUAL	LINE	5
610378.43	4206141.03	0.51301	12	12	0	ANNUAL	LINE	5
610385.43	4206141.03	0.51014	12	12	0	ANNUAL	LINE	5
610392.43	4206141.03	0.5071	12	12	0	ANNUAL	LINE	5
610399.43	4206141.03	0.50387	12	12	0	ANNUAL	LINE	5
610406.43	4206141.03	0.50046	12	12	0	ANNUAL	LINE	5
610413.43	4206141.03	0.49684	12	12	0	ANNUAL	LINE	5
610420.43	4206141.03	0.49319	11.94	11.94	0	ANNUAL	LINE	5
610427.43	4206141.03	0.48925	11.89	11.89	0	ANNUAL	LINE	5
610434.43	4206141.03	0.48507	11.84	11.84	0	ANNUAL	LINE	5
610441.43	4206141.03	0.48063	11.79	11.79	0	ANNUAL	LINE	5
610448.43	4206141.03	0.47593	11.73	11.73	0	ANNUAL	LINE	5
610455.43	4206141.03	0.47094	11.68	11.68	0	ANNUAL	LINE	5
610462.43	4206141.03	0.46566	11.63	11.63	0	ANNUAL	LINE	5
610469.43	4206141.03	0.46008	11.58	11.58	0	ANNUAL	LINE	5
610476.43	4206141.03	0.45419	11.52	11.52	0	ANNUAL	LINE	5
610483.43	4206141.03	0.44798	11.47	11.47	0	ANNUAL	LINE	5
610497.43	4206141.03	0.43453	11.38	11.38	0	ANNUAL	LINE	5
610504.43	4206141.03	0.4273	11.33	11.33	0	ANNUAL	LINE	5
610511.43	4206141.03	0.4197	11.29	11.29	0	ANNUAL	LINE	5
610518.43	4206141.03	0.41175	11.25	11.25	0	ANNUAL	LINE	5
610525.43	4206141.03	0.40344	11.2	11.2	0	ANNUAL	LINE	5
610532.43	4206141.03	0.39477	11.16	11.16	0	ANNUAL	LINE	5
610539.43	4206141.03	0.38575	11.12	11.12	0	ANNUAL	LINE	5
610546.43	4206141.03	0.37638	11.08	11.08	0	ANNUAL	LINE	5
610553.43	4206141.03	0.36668	11.04	11.04	0	ANNUAL	LINE	5
610560.43	4206141.03	0.35666	10.99	10.99	0	ANNUAL	LINE	5
610567.43	4206141.03	0.34634	10.94	10.94	0	ANNUAL	LINE	5
610574.43	4206141.03	0.33575	10.88	10.88	0	ANNUAL	LINE	5
610581.43	4206141.03	0.32492	10.83	10.83	0	ANNUAL	LINE	5
610588.43	4206141.03	0.31389	10.77	10.77	0	ANNUAL	LINE	5
610595.43	4206141.03	0.30269	10.72	10.72	0	ANNUAL	LINE	5
610602.43	4206141.03	0.29137	10.66	10.66	0	ANNUAL	LINE	5
610609.43	4206141.03	0.27999	10.61	10.61	0	ANNUAL	LINE	5
610616.43	4206141.03	0.26858	10.55	10.55	0	ANNUAL	LINE	5
610770.43	4206141.03	0.09506	9.05	9.05	0	ANNUAL	LINE	5
610777.43	4206141.03	0.09165	9.01	9.01	0	ANNUAL	LINE	5
610784.43	4206141.03	0.08847	9	9	0	ANNUAL	LINE	5
610791.43	4206141.03	0.08551	9	9	0	ANNUAL	LINE	5
610798.43	4206141.03	0.08275	9	9	0	ANNUAL	LINE	5
610805.43	4206141.03	0.08015	9	9	0	ANNUAL	LINE	5
610812.43	4206141.03	0.07771	9	9	0	ANNUAL	LINE	5
610833.43	4206141.03	0.07118	9	9	0	ANNUAL	LINE	5
610840.43	4206141.03	0.06924	9	9	0	ANNUAL	LINE	5
610847.43	4206141.03	0.06738	9	9	0	ANNUAL	LINE	5
610854.43	4206141.03	0.06562	9	9	0	ANNUAL	LINE	5
610861.43	4206141.03	0.06394	9	9	0	ANNUAL	LINE	5
610868.43	4206141.03	0.06234	9	9	0	ANNUAL	LINE	5
610875.43	4206141.03	0.06081	9	9	0	ANNUAL	LINE	5
610882.43	4206141.03	0.05935	9	9	0	ANNUAL	LINE	5
610889.43	4206141.03	0.05795	9	9	0	ANNUAL	LINE	5
610896.43	4206141.03	0.05661	9	9	0	ANNUAL	LINE	5
610903.43	4206141.03	0.05532	9	9	0	ANNUAL	LINE	5
610910.43	4206141.03	0.05409	9	9	0	ANNUAL	LINE	5
610917.43	4206141.03	0.05291	9	9	0	ANNUAL	LINE	5
610924.43	4206141.03	0.05177	9	9	0	ANNUAL	LINE	5
610931.43	4206141.03	0.05068	9	9	0	ANNUAL	LINE	5

610952.43	4206141.03	0.04764	9	9	0	ANNUAL	LINE	5
610959.43	4206141.03	0.0467	9	9	0	ANNUAL	LINE	5
610966.43	4206141.03	0.0458	9	9	0	ANNUAL	LINE	5
610973.43	4206141.03	0.04492	9	9	0	ANNUAL	LINE	5
610980.43	4206141.03	0.04408	9	9	0	ANNUAL	LINE	5
610987.43	4206141.03	0.04326	9	9	0	ANNUAL	LINE	5
610994.43	4206141.03	0.04247	9	9	0	ANNUAL	LINE	5
611001.43	4206141.03	0.04171	9	9	0	ANNUAL	LINE	5
611008.43	4206141.03	0.04097	9	9	0	ANNUAL	LINE	5
611015.43	4206141.03	0.04025	9	9	0	ANNUAL	LINE	5
611036.43	4206141.03	0.03823	9	9	0	ANNUAL	LINE	5
611043.43	4206141.03	0.0376	9	9	0	ANNUAL	LINE	5
611050.43	4206141.03	0.03698	9	9	0	ANNUAL	LINE	5
611057.43	4206141.03	0.03639	9	9	0	ANNUAL	LINE	5
611064.43	4206141.03	0.0358	9	9	0	ANNUAL	LINE	5
611071.43	4206141.03	0.03524	9	9	0	ANNUAL	LINE	5
611078.43	4206141.03	0.03469	9	9	0	ANNUAL	LINE	5
611085.43	4206141.03	0.03415	9	9	0	ANNUAL	LINE	5
611092.43	4206141.03	0.03363	9	9	0	ANNUAL	LINE	5
610294.43	4206148.03	0.56674	12	12	0	ANNUAL	LINE	5
610301.43	4206148.03	0.56529	12	12	0	ANNUAL	LINE	5
610308.43	4206148.03	0.56376	12	12	0	ANNUAL	LINE	5
610315.43	4206148.03	0.56215	12	12	0	ANNUAL	LINE	5
610322.43	4206148.03	0.56045	12	12	0	ANNUAL	LINE	5
610329.43	4206148.03	0.55866	12	12	0	ANNUAL	LINE	5
610336.43	4206148.03	0.55676	12	12	0	ANNUAL	LINE	5
610343.43	4206148.03	0.55475	12	12	0	ANNUAL	LINE	5
610350.43	4206148.03	0.55262	12	12	0	ANNUAL	LINE	5
610357.43	4206148.03	0.55035	12	12	0	ANNUAL	LINE	5
610364.43	4206148.03	0.54795	12	12	0	ANNUAL	LINE	5
610371.43	4206148.03	0.5454	12	12	0	ANNUAL	LINE	5
610378.43	4206148.03	0.54269	12	12	0	ANNUAL	LINE	5
610385.43	4206148.03	0.53981	12	12	0	ANNUAL	LINE	5
610392.43	4206148.03	0.53676	12	12	0	ANNUAL	LINE	5
610399.43	4206148.03	0.53352	12	12	0	ANNUAL	LINE	5
610406.43	4206148.03	0.53008	12	12	0	ANNUAL	LINE	5
610413.43	4206148.03	0.52644	12	12	0	ANNUAL	LINE	5
610420.43	4206148.03	0.52273	11.95	11.95	0	ANNUAL	LINE	5
610427.43	4206148.03	0.51873	11.91	11.91	0	ANNUAL	LINE	5
610434.43	4206148.03	0.51451	11.86	11.86	0	ANNUAL	LINE	5
610441.43	4206148.03	0.50999	11.82	11.82	0	ANNUAL	LINE	5
610448.43	4206148.03	0.50521	11.77	11.77	0	ANNUAL	LINE	5
610455.43	4206148.03	0.50011	11.73	11.73	0	ANNUAL	LINE	5
610462.43	4206148.03	0.49473	11.68	11.68	0	ANNUAL	LINE	5
610469.43	4206148.03	0.48903	11.63	11.63	0	ANNUAL	LINE	5
610476.43	4206148.03	0.48299	11.59	11.59	0	ANNUAL	LINE	5
610483.43	4206148.03	0.47662	11.54	11.54	0	ANNUAL	LINE	5
610497.43	4206148.03	0.46278	11.44	11.44	0	ANNUAL	LINE	5
610504.43	4206148.03	0.4553	11.39	11.39	0	ANNUAL	LINE	5
610511.43	4206148.03	0.44743	11.34	11.34	0	ANNUAL	LINE	5
610518.43	4206148.03	0.43916	11.29	11.29	0	ANNUAL	LINE	5
610525.43	4206148.03	0.43049	11.24	11.24	0	ANNUAL	LINE	5
610532.43	4206148.03	0.42142	11.19	11.19	0	ANNUAL	LINE	5
610539.43	4206148.03	0.41195	11.14	11.14	0	ANNUAL	LINE	5
610546.43	4206148.03	0.40208	11.09	11.09	0	ANNUAL	LINE	5
610553.43	4206148.03	0.39182	11.04	11.04	0	ANNUAL	LINE	5
610560.43	4206148.03	0.3812	10.99	10.99	0	ANNUAL	LINE	5
610567.43	4206148.03	0.37021	10.95	10.95	0	ANNUAL	LINE	5
610574.43	4206148.03	0.35891	10.9	10.9	0	ANNUAL	LINE	5
610581.43	4206148.03	0.34731	10.85	10.85	0	ANNUAL	LINE	5
610588.43	4206148.03	0.33546	10.8	10.8	0	ANNUAL	LINE	5
610595.43	4206148.03	0.32341	10.76	10.76	0	ANNUAL	LINE	5
610602.43	4206148.03	0.31119	10.71	10.71	0	ANNUAL	LINE	5
610609.43	4206148.03	0.29887	10.66	10.66	0	ANNUAL	LINE	5
610616.43	4206148.03	0.28651	10.61	10.61	0	ANNUAL	LINE	5
610770.43	4206148.03	0.09903	9.06	9.06	0	ANNUAL	LINE	5
610777.43	4206148.03	0.09543	9.01	9.01	0	ANNUAL	LINE	5
610784.43	4206148.03	0.09209	9	9	0	ANNUAL	LINE	5
610791.43	4206148.03	0.08898	9	9	0	ANNUAL	LINE	5
610798.43	4206148.03	0.08607	9	9	0	ANNUAL	LINE	5
610805.43	4206148.03	0.08334	9	9	0	ANNUAL	LINE	5
610812.43	4206148.03	0.08078	9	9	0	ANNUAL	LINE	5
610840.43	4206148.03	0.07188	9	9	0	ANNUAL	LINE	5
610847.43	4206148.03	0.06994	9	9	0	ANNUAL	LINE	5
610854.43	4206148.03	0.0681	9	9	0	ANNUAL	LINE	5
610861.43	4206148.03	0.06634	9	9	0	ANNUAL	LINE	5
610868.43	4206148.03	0.06466	9	9	0	ANNUAL	LINE	5
610875.43	4206148.03	0.06306	9	9	0	ANNUAL	LINE	5
610882.43	4206148.03	0.06153	9	9	0	ANNUAL	LINE	5
610889.43	4206148.03	0.06007	9	9	0	ANNUAL	LINE	5
610896.43	4206148.03	0.05867	9	9	0	ANNUAL	LINE	5
610903.43	4206148.03	0.05732	9	9	0	ANNUAL	LINE	5
610910.43	4206148.03	0.05604	9	9	0	ANNUAL	LINE	5
610917.43	4206148.03	0.0548	9	9	0	ANNUAL	LINE	5
610924.43	4206148.03	0.05362	9	9	0	ANNUAL	LINE	5
610931.43	4206148.03	0.05248	9	9	0	ANNUAL	LINE	5
610952.43	4206148.03	0.04931	9	9	0	ANNUAL	LINE	5
610959.43	4206148.03	0.04833	9	9	0	ANNUAL	LINE	5
610966.43	4206148.03	0.04739	9	9	0	ANNUAL	LINE	5
610973.43	4206148.03	0.04648	9	9	0	ANNUAL	LINE	5
610980.43	4206148.03	0.0456	9	9	0	ANNUAL	LINE	5
610987.43	4206148.03	0.04475	9	9	0	ANNUAL	LINE	5
610994.43	4206148.03	0.04392	9	9	0	ANNUAL	LINE	5
611001.43	4206148.03	0.04313	9	9	0	ANNUAL	LINE	5
611008.43	4206148.03	0.04236	9	9	0	ANNUAL	LINE	5
611015.43	4206148.03	0.04161	9	9	0	ANNUAL	LINE	5
611029.43	4206148.03	0.04018	9	9	0	ANNUAL	LINE	5
611036.43	4206148.03	0.0395	9	9	0	ANNUAL	LINE	5
611043.43	4206148.03	0.03884	9	9	0	ANNUAL	LINE	5
611050.43	4206148.03	0.0382	9	9	0	ANNUAL	LINE	5
611057.43	4206148.03	0.03758	9	9	0	ANNUAL	LINE	5
611064.43	4206148.03	0.03697	9	9	0	ANNUAL	LINE	5
611071.43	4206148.03	0.03638	9	9	0	ANNUAL	LINE	5
611078.43	4206148.03	0.0358	9	9	0	ANNUAL	LINE	5
611085.43	4206148.03	0.03525	9	9	0	ANNUAL	LINE	5
611092.43	4206148.03	0.0347	9	9	0	ANNUAL	LINE	5
610294.43	4206155.03	0.59891	12	12	0	ANNUAL	LINE	5
610301.43	4206155.03	0.59748	12	12	0	ANNUAL	LINE	5
610308.43	4206155.03	0.59598	12	12	0	ANNUAL	LINE	5
610315.43	4206155.03	0.5944	12	12	0	ANNUAL	LINE	5
610322.43	4206155.03	0.59273	12	12	0	ANNUAL	LINE	5
610329.43	4206155.03	0.59096	12	12	0	ANNUAL	LINE	5
610336.43	4206155.03	0.58908	12	12	0	ANNUAL	LINE	5
610343.43	4206155.03	0.5871	12	12	0	ANNUAL	LINE	5
610350.43	4206155.03	0.58498	12	12	0	ANNUAL	LINE	5
610357.43	4206155.03	0.58274	12	12	0	ANNUAL	LINE	5
610364.43	4206155.03	0.58035	12	12	0	ANNUAL	LINE	5
610371.43	4206155.03	0.57781	12	12	0	ANNUAL	LINE	5
610378.43	4206155.03	0.5751	12	12	0	ANNUAL	LINE	5
610385.43	4206155.03	0.57222	12	12	0	ANNUAL	LINE	5
610392.43	4206155.03	0.56916	12	12	0	ANNUAL	LINE	5
610399.43	4206155.03	0.56591	12	12	0	ANNUAL	LINE	5
610406.43	4206155.03	0.56245	12	12	0	ANNUAL	LINE	5
610413.43	4206155.03	0.55878	12	12	0	ANNUAL	LINE	5
610420.43	4206155.03	0.55502	11.96	11.96	0	ANNUAL	LINE	5
610427.43	4206155.03	0.55099	11.92	11.92	0	ANNUAL	LINE	5
610434.43	4206155.03	0.5467	11.88	11.88	0	ANNUAL	LINE	5
610441.43	4206155.03	0.5421	11.85	11.85	0	ANNUAL	LINE	5
610448.43	4206155.03	0.53723	11.81	11.81	0	ANNUAL	LINE	5
610455.43	4206155.03	0.53206	11.77	11.77	0	ANNUAL	LINE	5
610462.43	4206155.03	0.52657	11.73	11.73	0	ANNUAL	LINE	5
610469.43	4206155.03	0.52075	11.69	11.69	0	ANNUAL	LINE	5
610476.43	4206155.03	0.51457	11.65	11.65	0	ANNUAL	LINE	5
610483.43	4206155.03	0.50803	11.61	11.61	0	ANNUAL	LINE	5
610497.43	4206155.03	0.49383	11.5	11.5	0	ANNUAL	LINE	5
610504.43	4206155.03	0.4861	11.45	11.45	0	ANNUAL	LINE	5
610511.43	4206155.03	0.47796	11.39	11.39	0	ANNUAL	LINE	5
610518.43	4206155.03	0.46937	11.33	11.33	0	ANNUAL	LINE	5
610525.43	4206155.03	0.46033	11.27	11.27	0	ANNUAL	LINE	5
610532.43	4206155.03	0.45084	11.22	11.22	0	ANNUAL	LINE	5
610539.43	4206155.03	0.4409	11.16	11.16	0	ANNUAL	LINE	5
610546.43	4206155.03	0.43052	11.1	11.1	0	ANNUAL	LINE	5
610553.43	4206155.03	0.41968	11.05	11.05	0	ANNUAL	LINE	5
610560.43	4206155.03	0.40841	10.99	10.99	0	ANNUAL	LINE	5
610567.43	4206155.03	0.39672	10.95	10.95	0	ANNUAL	LINE	5
610574.43	4206155.03	0.38465	10.91	10.91	0	ANNUAL	LINE	5
610581.43	4206155.03	0.37222	10.87	10.87	0	ANNUAL	LINE	5
610588.43	4206155.03	0.35948	10.83	10.83	0	ANNUAL	LINE	5
610595.43	4206155.03	0.34648	10.79	10.79	0	ANNUAL	LINE	5
610602.43	4206155.03	0.33327	10.75	10.75	0	ANNUAL	LINE	5
610609.43	4206155.03	0.31991	10.71	10.71	0	ANNUAL	LINE	5
610616.43	4206155.03	0.30648	10.67	10.67	0	ANNUAL	LINE	5
610770.43	4206155.03	0.10331	9.06	9.06	0	ANNUAL	LINE	5
610777.43	4206155.03	0.09952	9.01	9.01	0	ANNUAL	LINE	5
610784.43	4206155.03	0.096	9	9	0	ANNUAL	LINE	5
610791.43	4206155.03	0.09272	9	9	0	ANNUAL	LINE	5
610798.43	4206155.03	0.08965	9	9	0	ANNUAL	LINE	5
610805.43	4206155.03	0.08678	9	9	0	ANNUAL	LINE	5
610812.43	4206155.03	0.08409	9	9	0	ANNUAL	LINE	5
610840.43	4206155.03	0.07473	9	9	0	ANNUAL	LINE	5
610847.43	4206155.03	0.07269	9	9	0	ANNUAL	LINE	5
610854.43	4206155.03	0.07075	9	9	0	ANNUAL	LINE	5
610861.43	4206155.03	0.06891	9	9	0	ANNUAL	LINE	5
610868.43	4206155.03	0.06715	9	9	0	ANNUAL	LINE	5
610875.43	4206155.03	0.06547	9	9	0	ANNUAL	LINE	5
610882.43	4206155.03	0.06387	9	9	0	ANNUAL	LINE	5
610889.43	4206155.03	0.06234	9	9	0	ANNUAL	LINE	5
610896.43	4206155.03	0.06088	9	9	0	ANNUAL	LINE	5
610903.43	4206155.03	0.05947	9	9	0	ANNUAL	LINE	5
610910.43	4206155.03	0.05813	9	9	0	ANNUAL	LINE	5
610917.43	4206155.03	0.05684	9	9	0	ANNUAL	LINE	5
610924.43	4206155.03	0.0556	9	9	0	ANNUAL	LINE	5
610931.43	4206155.03	0.05441	9	9	0	ANNUAL	LINE	5
610952.43	4206155.03	0.0511	9	9	0	ANNUAL	LINE	5
610959.43	4206155.03	0.05008	9	9	0	ANNUAL	LINE	5
610966.43	4206155.03	0.04909	9	9	0	ANNUAL	LINE	5
610973.43	4206155.03	0.04814	9	9	0	ANNUAL	LINE	5
610980.43	4206155.03	0.04722	9	9	0	ANNUAL	LINE	5
610987.43	4206155.03	0.04633	9	9	0	ANNUAL	LINE	5
610994.43	4206155.03	0.04547	9	9	0	ANNUAL	LINE	5
611001.43	4206155.03	0.04464	9	9	0	ANNUAL	LINE	5
611008.43	4206155.03	0.04383	9	9	0	ANNUAL	LINE	5
611015.43	4206155.03	0.04305	9	9	0	ANNUAL	LINE	5
611029.43	4206155.03	0.04156	9	9	0	ANNUAL	LINE	5
611036.43	4206155.03	0.04085	9	9	0	ANNUAL	LINE	5
611043.43	4206155.03	0.04016	9	9	0	ANNUAL	LINE	5
611050.43	4206155.03	0.03949	9	9	0	ANNUAL	LINE	5
611057.43	4206155.03	0.03884	9	9	0	ANNUAL	LINE	5
611064.43	4206155.03	0.03821	9	9	0	ANNUAL	LINE	5
611071.43	4206155.03	0.03759	9	9	0	ANNUAL	LINE	5
611078.43	4206155.03	0.03699	9	9	0	ANNUAL	LINE	5
611085.43	4206155.03	0.0364	9	9	0	ANNUAL	LINE	5
611092.43	4206155.03	0.03584	9	9	0	ANNUAL	LINE	5
610294.43	4206162.03	0.63417	12	12	0	ANNUAL	LINE	5
610301.43	4206162.03	0.63277	12	12	0	ANNUAL	LINE	5
610308.43	4206162.03	0.63129	12	12	0	ANNUAL	LINE	5
610315.43	4206162.03	0.62974	12	12	0	ANNUAL	LINE	5
610322.43	4206162.03	0.6281	12	12	0	ANNUAL	LINE	5
610329.43	4206162.03	0.62636	12	12	0	ANNUAL	LINE	5
610336.43	4206162.03	0.62451	12	12	0	ANNUAL	LINE	5
610343.43	4206162.03	0.62255	12	12	0	ANNUAL	LINE	5
610350.43	4206162.03	0.62046	12	12	0	ANNUAL	LINE	5
610357.43	4206162.03	0.61823	12	12	0	ANNUAL	LINE	5
610364.43	4206162.03	0.61586	12	12	0	ANNUAL	LINE	5
610371.43	4206162.03	0.61333	12	12	0	ANNUAL	LINE	5
610378.43	4206162.03	0.61063	12	12	0	ANNUAL	LINE	5
610385.43	4206162.03	0.60775	12	12	0	ANNUAL	LINE	5
610392.43	4206162.03	0.60468	12	12	0	ANNUAL	LINE	5
610399.43	4206162.03	0.60142	12	12	0	ANNUAL	LINE	5
610406.43	4206162.03	0.59794	12	12	0	ANNUAL	LINE	5
610413.43	4206162.03	0.59425	12	12	0	ANNUAL	LINE	5

610420.43	4206162.03	0.59043	11.97	11.97	0	ANNUAL	LINE	5
610427.43	4206162.03	0.58634	11.94	11.94	0	ANNUAL	LINE	5
610434.43	4206162.03	0.58198	11.91	11.91	0	ANNUAL	LINE	5
610441.43	4206162.03	0.57736	11.87	11.87	0	ANNUAL	LINE	5
610448.43	4206162.03	0.57242	11.84	11.84	0	ANNUAL	LINE	5
610455.43	4206162.03	0.56715	11.81	11.81	0	ANNUAL	LINE	5
610462.43	4206162.03	0.56156	11.78	11.78	0	ANNUAL	LINE	5
610469.43	4206162.03	0.55561	11.75	11.75	0	ANNUAL	LINE	5
610476.43	4206162.03	0.5493	11.72	11.72	0	ANNUAL	LINE	5
610483.43	4206162.03	0.5426	11.69	11.69	0	ANNUAL	LINE	5
610497.43	4206162.03	0.52803	11.57	11.57	0	ANNUAL	LINE	5
610504.43	4206162.03	0.52009	11.5	11.5	0	ANNUAL	LINE	5
610511.43	4206162.03	0.51166	11.44	11.44	0	ANNUAL	LINE	5
610518.43	4206162.03	0.50276	11.37	11.37	0	ANNUAL	LINE	5
610525.43	4206162.03	0.49335	11.31	11.31	0	ANNUAL	LINE	5
610532.43	4206162.03	0.48344	11.24	11.24	0	ANNUAL	LINE	5
610539.43	4206162.03	0.47302	11.18	11.18	0	ANNUAL	LINE	5
610546.43	4206162.03	0.46209	11.11	11.11	0	ANNUAL	LINE	5
610553.43	4206162.03	0.45064	11.05	11.05	0	ANNUAL	LINE	5
610560.43	4206162.03	0.43869	10.99	10.99	0	ANNUAL	LINE	5
610567.43	4206162.03	0.42625	10.96	10.96	0	ANNUAL	LINE	5
610574.43	4206162.03	0.41335	10.93	10.93	0	ANNUAL	LINE	5
610581.43	4206162.03	0.40002	10.9	10.9	0	ANNUAL	LINE	5
610588.43	4206162.03	0.38631	10.86	10.86	0	ANNUAL	LINE	5
610595.43	4206162.03	0.37227	10.83	10.83	0	ANNUAL	LINE	5
610602.43	4206162.03	0.35796	10.8	10.8	0	ANNUAL	LINE	5
610609.43	4206162.03	0.34345	10.76	10.76	0	ANNUAL	LINE	5
610616.43	4206162.03	0.32881	10.73	10.73	0	ANNUAL	LINE	5
610770.43	4206162.03	0.10795	9.07	9.07	0	ANNUAL	LINE	5
610777.43	4206162.03	0.10393	9.01	9.01	0	ANNUAL	LINE	5
610784.43	4206162.03	0.10021	9	9	0	ANNUAL	LINE	5
610791.43	4206162.03	0.09675	9	9	0	ANNUAL	LINE	5
610798.43	4206162.03	0.09352	9	9	0	ANNUAL	LINE	5
610805.43	4206162.03	0.09049	9	9	0	ANNUAL	LINE	5
610812.43	4206162.03	0.08765	9	9	0	ANNUAL	LINE	5
610833.43	4206162.03	0.08006	9	9	0	ANNUAL	LINE	5
610840.43	4206162.03	0.0778	9	9	0	ANNUAL	LINE	5
610847.43	4206162.03	0.07566	9	9	0	ANNUAL	LINE	5
610854.43	4206162.03	0.07362	9	9	0	ANNUAL	LINE	5
610861.43	4206162.03	0.07168	9	9	0	ANNUAL	LINE	5
610868.43	4206162.03	0.06984	9	9	0	ANNUAL	LINE	5
610875.43	4206162.03	0.06808	9	9	0	ANNUAL	LINE	5
610882.43	4206162.03	0.0664	9	9	0	ANNUAL	LINE	5
610889.43	4206162.03	0.06479	9	9	0	ANNUAL	LINE	5
610896.43	4206162.03	0.06326	9	9	0	ANNUAL	LINE	5
610903.43	4206162.03	0.06178	9	9	0	ANNUAL	LINE	5
610910.43	4206162.03	0.06038	9	9	0	ANNUAL	LINE	5
610917.43	4206162.03	0.05902	9	9	0	ANNUAL	LINE	5
610924.43	4206162.03	0.05773	9	9	0	ANNUAL	LINE	5
610931.43	4206162.03	0.05648	9	9	0	ANNUAL	LINE	5
610952.43	4206162.03	0.05302	9	9	0	ANNUAL	LINE	5
610959.43	4206162.03	0.05195	9	9	0	ANNUAL	LINE	5
610966.43	4206162.03	0.05092	9	9	0	ANNUAL	LINE	5
610973.43	4206162.03	0.04992	9	9	0	ANNUAL	LINE	5
610980.43	4206162.03	0.04896	9	9	0	ANNUAL	LINE	5
610987.43	4206162.03	0.04803	9	9	0	ANNUAL	LINE	5
610994.43	4206162.03	0.04713	9	9	0	ANNUAL	LINE	5
611001.43	4206162.03	0.04626	9	9	0	ANNUAL	LINE	5
611008.43	4206162.03	0.04541	9	9	0	ANNUAL	LINE	5
611029.43	4206162.03	0.04304	9	9	0	ANNUAL	LINE	5
611036.43	4206162.03	0.04229	9	9	0	ANNUAL	LINE	5
611043.43	4206162.03	0.04157	9	9	0	ANNUAL	LINE	5
611050.43	4206162.03	0.04086	9	9	0	ANNUAL	LINE	5
611057.43	4206162.03	0.04018	9	9	0	ANNUAL	LINE	5
611064.43	4206162.03	0.03952	9	9	0	ANNUAL	LINE	5
611071.43	4206162.03	0.03887	9	9	0	ANNUAL	LINE	5
611078.43	4206162.03	0.03824	9	9	0	ANNUAL	LINE	5
611085.43	4206162.03	0.03763	9	9	0	ANNUAL	LINE	5
611092.43	4206162.03	0.03704	9	9	0	ANNUAL	LINE	5
610294.43	4206169.03	0.67296	12	12	0	ANNUAL	LINE	5
610301.43	4206169.03	0.67159	12	12	0	ANNUAL	LINE	5
610308.43	4206169.03	0.67015	12	12	0	ANNUAL	LINE	5
610315.43	4206169.03	0.66863	12	12	0	ANNUAL	LINE	5
610322.43	4206169.03	0.66702	12	12	0	ANNUAL	LINE	5
610329.43	4206169.03	0.66531	12	12	0	ANNUAL	LINE	5
610336.43	4206169.03	0.6635	12	12	0	ANNUAL	LINE	5
610343.43	4206169.03	0.66156	12	12	0	ANNUAL	LINE	5
610350.43	4206169.03	0.6595	12	12	0	ANNUAL	LINE	5
610357.43	4206169.03	0.65729	12	12	0	ANNUAL	LINE	5
610364.43	4206169.03	0.65493	12	12	0	ANNUAL	LINE	5
610371.43	4206169.03	0.65241	12	12	0	ANNUAL	LINE	5
610378.43	4206169.03	0.64972	12	12	0	ANNUAL	LINE	5
610385.43	4206169.03	0.64684	12	12	0	ANNUAL	LINE	5
610392.43	4206169.03	0.64377	12	12	0	ANNUAL	LINE	5
610399.43	4206169.03	0.6405	12	12	0	ANNUAL	LINE	5
610406.43	4206169.03	0.63701	12	12	0	ANNUAL	LINE	5
610413.43	4206169.03	0.63329	12	12	0	ANNUAL	LINE	5
610420.43	4206169.03	0.62945	11.97	11.97	0	ANNUAL	LINE	5
610427.43	4206169.03	0.6253	11.95	11.95	0	ANNUAL	LINE	5
610434.43	4206169.03	0.62087	11.93	11.93	0	ANNUAL	LINE	5
610441.43	4206169.03	0.61618	11.9	11.9	0	ANNUAL	LINE	5
610448.43	4206169.03	0.61115	11.88	11.88	0	ANNUAL	LINE	5
610455.43	4206169.03	0.6058	11.86	11.86	0	ANNUAL	LINE	5
610462.43	4206169.03	0.60013	11.83	11.83	0	ANNUAL	LINE	5
610469.43	4206169.03	0.59407	11.81	11.81	0	ANNUAL	LINE	5
610476.43	4206169.03	0.58764	11.78	11.78	0	ANNUAL	LINE	5
610483.43	4206169.03	0.58079	11.76	11.76	0	ANNUAL	LINE	5
610497.43	4206169.03	0.56587	11.63	11.63	0	ANNUAL	LINE	5
610504.43	4206169.03	0.5577	11.56	11.56	0	ANNUAL	LINE	5
610511.43	4206169.03	0.54901	11.48	11.48	0	ANNUAL	LINE	5
610518.43	4206169.03	0.53978	11.41	11.41	0	ANNUAL	LINE	5
610525.43	4206169.03	0.53001	11.34	11.34	0	ANNUAL	LINE	5
610532.43	4206169.03	0.51966	11.27	11.27	0	ANNUAL	LINE	5
610539.43	4206169.03	0.50875	11.2	11.2	0	ANNUAL	LINE	5
610546.43	4206169.03	0.49725	11.13	11.13	0	ANNUAL	LINE	5
610553.43	4206169.03	0.48517	11.06	11.06	0	ANNUAL	LINE	5
610560.43	4206169.03	0.47251	10.99	10.99	0	ANNUAL	LINE	5
610567.43	4206169.03	0.45927	10.97	10.97	0	ANNUAL	LINE	5
610574.43	4206169.03	0.44549	10.94	10.94	0	ANNUAL	LINE	5
610581.43	4206169.03	0.43119	10.92	10.92	0	ANNUAL	LINE	5
610588.43	4206169.03	0.41642	10.89	10.89	0	ANNUAL	LINE	5
610595.43	4206169.03	0.40123	10.87	10.87	0	ANNUAL	LINE	5
610602.43	4206169.03	0.3857	10.84	10.84	0	ANNUAL	LINE	5
610609.43	4206169.03	0.3699	10.82	10.82	0	ANNUAL	LINE	5
610616.43	4206169.03	0.35391	10.79	10.79	0	ANNUAL	LINE	5
610770.43	4206169.03	0.11297	9.08	9.08	0	ANNUAL	LINE	5
610777.43	4206169.03	0.10872	9.01	9.01	0	ANNUAL	LINE	5
610784.43	4206169.03	0.10479	9	9	0	ANNUAL	LINE	5
610791.43	4206169.03	0.10112	9	9	0	ANNUAL	LINE	5
610798.43	4206169.03	0.09771	9	9	0	ANNUAL	LINE	5
610805.43	4206169.03	0.09451	9	9	0	ANNUAL	LINE	5
610812.43	4206169.03	0.09151	9	9	0	ANNUAL	LINE	5
610833.43	4206169.03	0.0835	9	9	0	ANNUAL	LINE	5
610840.43	4206169.03	0.08112	9	9	0	ANNUAL	LINE	5
610847.43	4206169.03	0.07886	9	9	0	ANNUAL	LINE	5
610854.43	4206169.03	0.07672	9	9	0	ANNUAL	LINE	5
610861.43	4206169.03	0.07468	9	9	0	ANNUAL	LINE	5
610868.43	4206169.03	0.07274	9	9	0	ANNUAL	LINE	5
610875.43	4206169.03	0.07089	9	9	0	ANNUAL	LINE	5
610882.43	4206169.03	0.06912	9	9	0	ANNUAL	LINE	5
610889.43	4206169.03	0.06743	9	9	0	ANNUAL	LINE	5
610896.43	4206169.03	0.06582	9	9	0	ANNUAL	LINE	5
610903.43	4206169.03	0.06428	9	9	0	ANNUAL	LINE	5
610910.43	4206169.03	0.0628	9	9	0	ANNUAL	LINE	5
610917.43	4206169.03	0.06138	9	9	0	ANNUAL	LINE	5
610924.43	4206169.03	0.06002	9	9	0	ANNUAL	LINE	5
610945.43	4206169.03	0.05624	9	9	0	ANNUAL	LINE	5
610952.43	4206169.03	0.05508	9	9	0	ANNUAL	LINE	5
610959.43	4206169.03	0.05396	9	9	0	ANNUAL	LINE	5
610966.43	4206169.03	0.05287	9	9	0	ANNUAL	LINE	5
610973.43	4206169.03	0.05183	9	9	0	ANNUAL	LINE	5
610980.43	4206169.03	0.05082	9	9	0	ANNUAL	LINE	5
610987.43	4206169.03	0.04984	9	9	0	ANNUAL	LINE	5
610994.43	4206169.03	0.0489	9	9	0	ANNUAL	LINE	5
611001.43	4206169.03	0.04798	9	9	0	ANNUAL	LINE	5
611008.43	4206169.03	0.0471	9	9	0	ANNUAL	LINE	5
611036.43	4206169.03	0.04382	9	9	0	ANNUAL	LINE	5
611043.43	4206169.03	0.04306	9	9	0	ANNUAL	LINE	5
611050.43	4206169.03	0.04232	9	9	0	ANNUAL	LINE	5
611057.43	4206169.03	0.04161	9	9	0	ANNUAL	LINE	5
611064.43	4206169.03	0.04091	9	9	0	ANNUAL	LINE	5
611071.43	4206169.03	0.04023	9	9	0	ANNUAL	LINE	5
611078.43	4206169.03	0.03957	9	9	0	ANNUAL	LINE	5
611085.43	4206169.03	0.03893	9	9	0	ANNUAL	LINE	5
611092.43	4206169.03	0.03831	9	9	0	ANNUAL	LINE	5
610294.43	4206176.03	0.71585	12	12	0	ANNUAL	LINE	5
610301.43	4206176.03	0.71451	12	12	0	ANNUAL	LINE	5
610308.43	4206176.03	0.7131	12	12	0	ANNUAL	LINE	5
610315.43	4206176.03	0.71161	12	12	0	ANNUAL	LINE	5
610322.43	4206176.03	0.71004	12	12	0	ANNUAL	LINE	5
610329.43	4206176.03	0.70837	12	12	0	ANNUAL	LINE	5
610336.43	4206176.03	0.70659	12	12	0	ANNUAL	LINE	5
610343.43	4206176.03	0.70468	12	12	0	ANNUAL	LINE	5
610350.43	4206176.03	0.70265	12	12	0	ANNUAL	LINE	5
610357.43	4206176.03	0.70046	12	12	0	ANNUAL	LINE	5
610364.43	4206176.03	0.69812	12	12	0	ANNUAL	LINE	5
610371.43	4206176.03	0.69561	12	12	0	ANNUAL	LINE	5
610378.43	4206176.03	0.69293	12	12	0	ANNUAL	LINE	5
610385.43	4206176.03	0.69005	12	12	0	ANNUAL	LINE	5
610392.43	4206176.03	0.68698	12	12	0	ANNUAL	LINE	5
610399.43	4206176.03	0.68369	12	12	0	ANNUAL	LINE	5
610406.43	4206176.03	0.68018	12	12	0	ANNUAL	LINE	5
610413.43	4206176.03	0.67644	12	12	0	ANNUAL	LINE	5
610420.43	4206176.03	0.67254	11.98	11.98	0	ANNUAL	LINE	5
610427.43	4206176.03	0.66833	11.97	11.97	0	ANNUAL	LINE	5
610434.43	4206176.03	0.66387	11.95	11.95	0	ANNUAL	LINE	5
610441.43	4206176.03	0.65911	11.93	11.93	0	ANNUAL	LINE	5
610448.43	4206176.03	0.654	11.92	11.92	0	ANNUAL	LINE	5
610455.43	4206176.03	0.64858	11.9	11.9	0	ANNUAL	LINE	5
610462.43	4206176.03	0.64281	11.88	11.88	0	ANNUAL	LINE	5
610469.43	4206176.03	0.63664	11.87	11.87	0	ANNUAL	LINE	5
610476.43	4206176.03	0.63009	11.85	11.85	0	ANNUAL	LINE	5
610483.43	4206176.03	0.62311	11.83	11.83	0	ANNUAL	LINE	5
610497.43	4206176.03	0.60787	11.69	11.69	0	ANNUAL	LINE	5
610504.43	4206176.03	0.59948	11.61	11.61	0	ANNUAL	LINE	5
610511.43	4206176.03	0.59053	11.53	11.53	0	ANNUAL	LINE	5
610518.43	4206176.03	0.581	11.45	11.45	0	ANNUAL	LINE	5
610525.43	4206176.03	0.57085	11.37	11.37	0	ANNUAL	LINE	5
610532.43	4206176.03	0.56007	11.3	11.3	0	ANNUAL	LINE	5
610539.43	4206176.03	0.54865	11.22	11.22	0	ANNUAL	LINE	5
610546.43	4206176.03	0.53658	11.14	11.14	0	ANNUAL	LINE	5
610553.43	4206176.03	0.52384	11.06	11.06	0	ANNUAL	LINE	5
610560.43	4206176.03	0.51043	11	11	0	ANNUAL	LINE	5
610567.43	4206176.03	0.49634	10.98	10.98	0	ANNUAL	LINE	5
610574.43	4206176.03	0.48161	10.96	10.96	0	ANNUAL	LINE	5
610581.43	4206176.03	0.46627	10.94	10.94	0	ANNUAL	LINE	5
610588.43	4206176.03	0.45035	10.92	10.92	0	ANNUAL	LINE	5
610595.43	4206176.03	0.43391	10.9	10.9	0	ANNUAL	LINE	5
610602.43	4206176.03	0.41702	10.89	10.89	0	ANNUAL	LINE	5
610609.43	4206176.03	0.39977	10.87	10.87	0	ANNUAL	LINE	5
610616.43	4206176.03	0.38226	10.85	10.85	0	ANNUAL	LINE	5
610770.43	4206176.03	0.11844	9.09	9.09	0	ANNUAL	LINE	5
610777.43	4206176.03	0.11393	9.01	9.01	0	ANNUAL	LINE	5
610784.43	4206176.03	0.10976	9	9	0	ANNUAL	LINE	5
610791.43	4206176.03	0.10588	9	9	0	ANNUAL	LINE	5
610798.43	4206176.03	0.10226	9	9	0	ANNUAL	LINE	5
610805.43	4206176.03	0.09887	9	9	0	ANNUAL	LINE	5
610812.43	4206176.03	0.09569	9	9	0	ANNUAL	LINE	5
610833.43	4206176.03	0.08723	9	9	0	ANNUAL	LINE	5
610840.43	4206176.03	0.08472	9	9	0	ANNUAL	LINE	5
610847.43	4206176.03	0.08233	9	9	0	ANNUAL	LINE	5

610854.43	4206176.03	0.08007	9	9	0	ANNUAL	LINE	5
610861.43	4206176.03	0.07792	9	9	0	ANNUAL	LINE	5
610868.43	4206176.03	0.07588	9	9	0	ANNUAL	LINE	5
610875.43	4206176.03	0.07393	9	9	0	ANNUAL	LINE	5
610882.43	4206176.03	0.07207	9	9	0	ANNUAL	LINE	5
610889.43	4206176.03	0.07029	9	9	0	ANNUAL	LINE	5
610896.43	4206176.03	0.0686	9	9	0	ANNUAL	LINE	5
610903.43	4206176.03	0.06697	9	9	0	ANNUAL	LINE	5
610910.43	4206176.03	0.06542	9	9	0	ANNUAL	LINE	5
610917.43	4206176.03	0.06392	9	9	0	ANNUAL	LINE	5
610924.43	4206176.03	0.06249	9	9	0	ANNUAL	LINE	5
610945.43	4206176.03	0.05852	9	9	0	ANNUAL	LINE	5
610952.43	4206176.03	0.0573	9	9	0	ANNUAL	LINE	5
610959.43	4206176.03	0.05611	9	9	0	ANNUAL	LINE	5
610966.43	4206176.03	0.05497	9	9	0	ANNUAL	LINE	5
610973.43	4206176.03	0.05387	9	9	0	ANNUAL	LINE	5
610980.43	4206176.03	0.05281	9	9	0	ANNUAL	LINE	5
610987.43	4206176.03	0.05178	9	9	0	ANNUAL	LINE	5
610994.43	4206176.03	0.05079	9	9	0	ANNUAL	LINE	5
611001.43	4206176.03	0.04983	9	9	0	ANNUAL	LINE	5
611008.43	4206176.03	0.0489	9	9	0	ANNUAL	LINE	5
611015.43	4206176.03	0.048	9	9	0	ANNUAL	LINE	5
611029.43	4206176.03	0.04627	9	9	0	ANNUAL	LINE	5
611036.43	4206176.03	0.04545	9	9	0	ANNUAL	LINE	5
611043.43	4206176.03	0.04465	9	9	0	ANNUAL	LINE	5
611050.43	4206176.03	0.04388	9	9	0	ANNUAL	LINE	5
611057.43	4206176.03	0.04312	9	9	0	ANNUAL	LINE	5
611064.43	4206176.03	0.04239	9	9	0	ANNUAL	LINE	5
611071.43	4206176.03	0.04168	9	9	0	ANNUAL	LINE	5
611078.43	4206176.03	0.04098	9	9	0	ANNUAL	LINE	5
611085.43	4206176.03	0.04031	9	9	0	ANNUAL	LINE	5
611092.43	4206176.03	0.03965	9	9	0	ANNUAL	LINE	5
610294.43	4206183.03	0.76348	12	12	0	ANNUAL	LINE	5
610301.43	4206183.03	0.76218	12	12	0	ANNUAL	LINE	5
610308.43	4206183.03	0.76081	12	12	0	ANNUAL	LINE	5
610315.43	4206183.03	0.75936	12	12	0	ANNUAL	LINE	5
610322.43	4206183.03	0.75783	12	12	0	ANNUAL	LINE	5
610329.43	4206183.03	0.7562	12	12	0	ANNUAL	LINE	5
610336.43	4206183.03	0.75445	12	12	0	ANNUAL	LINE	5
610343.43	4206183.03	0.75258	12	12	0	ANNUAL	LINE	5
610350.43	4206183.03	0.75057	12	12	0	ANNUAL	LINE	5
610357.43	4206183.03	0.74841	12	12	0	ANNUAL	LINE	5
610364.43	4206183.03	0.74609	12	12	0	ANNUAL	LINE	5
610371.43	4206183.03	0.74359	12	12	0	ANNUAL	LINE	5
610378.43	4206183.03	0.74091	12	12	0	ANNUAL	LINE	5
610385.43	4206183.03	0.73804	12	12	0	ANNUAL	LINE	5
610392.43	4206183.03	0.73495	12	12	0	ANNUAL	LINE	5
610399.43	4206183.03	0.73166	12	12	0	ANNUAL	LINE	5
610406.43	4206183.03	0.72813	12	12	0	ANNUAL	LINE	5
610413.43	4206183.03	0.72437	12	12	0	ANNUAL	LINE	5
610420.43	4206183.03	0.7204	11.99	11.99	0	ANNUAL	LINE	5
610427.43	4206183.03	0.71616	11.98	11.98	0	ANNUAL	LINE	5
610434.43	4206183.03	0.71162	11.97	11.97	0	ANNUAL	LINE	5
610441.43	4206183.03	0.70679	11.96	11.96	0	ANNUAL	LINE	5
610448.43	4206183.03	0.70163	11.95	11.95	0	ANNUAL	LINE	5
610455.43	4206183.03	0.69612	11.94	11.94	0	ANNUAL	LINE	5
610462.43	4206183.03	0.69025	11.93	11.93	0	ANNUAL	LINE	5
610469.43	4206183.03	0.68397	11.93	11.93	0	ANNUAL	LINE	5
610476.43	4206183.03	0.67732	11.91	11.91	0	ANNUAL	LINE	5
610483.43	4206183.03	0.6702	11.9	11.9	0	ANNUAL	LINE	5
610497.43	4206183.03	0.65467	11.75	11.75	0	ANNUAL	LINE	5
610504.43	4206183.03	0.64607	11.67	11.67	0	ANNUAL	LINE	5
610511.43	4206183.03	0.63687	11.58	11.58	0	ANNUAL	LINE	5
610518.43	4206183.03	0.62703	11.49	11.49	0	ANNUAL	LINE	5
610525.43	4206183.03	0.61652	11.41	11.41	0	ANNUAL	LINE	5
610532.43	4206183.03	0.60531	11.32	11.32	0	ANNUAL	LINE	5
610539.43	4206183.03	0.59338	11.24	11.24	0	ANNUAL	LINE	5
610546.43	4206183.03	0.58072	11.15	11.15	0	ANNUAL	LINE	5
610553.43	4206183.03	0.5673	11.07	11.07	0	ANNUAL	LINE	5
610560.43	4206183.03	0.55311	11	11	0	ANNUAL	LINE	5
610567.43	4206183.03	0.53814	10.99	10.99	0	ANNUAL	LINE	5
610574.43	4206183.03	0.52241	10.98	10.98	0	ANNUAL	LINE	5
610581.43	4206183.03	0.50594	10.97	10.97	0	ANNUAL	LINE	5
610588.43	4206183.03	0.48877	10.95	10.95	0	ANNUAL	LINE	5
610595.43	4206183.03	0.47095	10.94	10.94	0	ANNUAL	LINE	5
610602.43	4206183.03	0.45257	10.93	10.93	0	ANNUAL	LINE	5
610609.43	4206183.03	0.4337	10.92	10.92	0	ANNUAL	LINE	5
610616.43	4206183.03	0.41448	10.91	10.91	0	ANNUAL	LINE	5
610770.43	4206183.03	0.12442	9.09	9.09	0	ANNUAL	LINE	5
610777.43	4206183.03	0.11962	9.01	9.01	0	ANNUAL	LINE	5
610784.43	4206183.03	0.11518	9	9	0	ANNUAL	LINE	5
610791.43	4206183.03	0.11106	9	9	0	ANNUAL	LINE	5
610798.43	4206183.03	0.10721	9	9	0	ANNUAL	LINE	5
610805.43	4206183.03	0.10362	9	9	0	ANNUAL	LINE	5
610812.43	4206183.03	0.10025	9	9	0	ANNUAL	LINE	5
610833.43	4206183.03	0.09129	9	9	0	ANNUAL	LINE	5
610840.43	4206183.03	0.08863	9	9	0	ANNUAL	LINE	5
610847.43	4206183.03	0.08611	9	9	0	ANNUAL	LINE	5
610854.43	4206183.03	0.08372	9	9	0	ANNUAL	LINE	5
610861.43	4206183.03	0.08145	9	9	0	ANNUAL	LINE	5
610868.43	4206183.03	0.07929	9	9	0	ANNUAL	LINE	5
610875.43	4206183.03	0.07723	9	9	0	ANNUAL	LINE	5
610882.43	4206183.03	0.07527	9	9	0	ANNUAL	LINE	5
610889.43	4206183.03	0.07339	9	9	0	ANNUAL	LINE	5
610896.43	4206183.03	0.0716	9	9	0	ANNUAL	LINE	5
610903.43	4206183.03	0.06989	9	9	0	ANNUAL	LINE	5
610910.43	4206183.03	0.06825	9	9	0	ANNUAL	LINE	5
610917.43	4206183.03	0.06667	9	9	0	ANNUAL	LINE	5
610924.43	4206183.03	0.06516	9	9	0	ANNUAL	LINE	5
610945.43	4206183.03	0.06098	9	9	0	ANNUAL	LINE	5
610952.43	4206183.03	0.05968	9	9	0	ANNUAL	LINE	5
610959.43	4206183.03	0.05844	9	9	0	ANNUAL	LINE	5
610966.43	4206183.03	0.05723	9	9	0	ANNUAL	LINE	5
610973.43	4206183.03	0.05607	9	9	0	ANNUAL	LINE	5
610980.43	4206183.03	0.05495	9	9	0	ANNUAL	LINE	5
610987.43	4206183.03	0.05387	9	9	0	ANNUAL	LINE	5
610994.43	4206183.03	0.05282	9	9	0	ANNUAL	LINE	5
611001.43	4206183.03	0.05181	9	9	0	ANNUAL	LINE	5
611008.43	4206183.03	0.05082	9	9	0	ANNUAL	LINE	5
611015.43	4206183.03	0.04987	9	9	0	ANNUAL	LINE	5
611029.43	4206183.03	0.04805	9	9	0	ANNUAL	LINE	5
611036.43	4206183.03	0.04719	9	9	0	ANNUAL	LINE	5
611043.43	4206183.03	0.04634	9	9	0	ANNUAL	LINE	5
611050.43	4206183.03	0.04553	9	9	0	ANNUAL	LINE	5
611057.43	4206183.03	0.04473	9	9	0	ANNUAL	LINE	5
611064.43	4206183.03	0.04396	9	9	0	ANNUAL	LINE	5
611071.43	4206183.03	0.04321	9	9	0	ANNUAL	LINE	5
610294.43	4206190.03	0.81669	12	12	0	ANNUAL	LINE	5
610301.43	4206190.03	0.81542	12	12	0	ANNUAL	LINE	5
610308.43	4206190.03	0.81409	12	12	0	ANNUAL	LINE	5
610315.43	4206190.03	0.81269	12	12	0	ANNUAL	LINE	5
610322.43	4206190.03	0.8112	12	12	0	ANNUAL	LINE	5
610329.43	4206190.03	0.80961	12	12	0	ANNUAL	LINE	5
610336.43	4206190.03	0.80791	12	12	0	ANNUAL	LINE	5
610343.43	4206190.03	0.80608	12	12	0	ANNUAL	LINE	5
610350.43	4206190.03	0.8041	12	12	0	ANNUAL	LINE	5
610357.43	4206190.03	0.80196	12	12	0	ANNUAL	LINE	5
610364.43	4206190.03	0.79966	12	12	0	ANNUAL	LINE	5
610371.43	4206190.03	0.79717	12	12	0	ANNUAL	LINE	5
610378.43	4206190.03	0.79449	12	12	0	ANNUAL	LINE	5
610385.43	4206190.03	0.79161	12	12	0	ANNUAL	LINE	5
610392.43	4206190.03	0.78852	12	12	0	ANNUAL	LINE	5
610399.43	4206190.03	0.7852	12	12	0	ANNUAL	LINE	5
610406.43	4206190.03	0.78166	12	12	0	ANNUAL	LINE	5
610413.43	4206190.03	0.77787	12	12	0	ANNUAL	LINE	5
610420.43	4206190.03	0.77382	12	12	0	ANNUAL	LINE	5
610427.43	4206190.03	0.7695	12	12	0	ANNUAL	LINE	5
610434.43	4206190.03	0.76489	12	12	0	ANNUAL	LINE	5
610441.43	4206190.03	0.76001	11.99	11.99	0	ANNUAL	LINE	5
610448.43	4206190.03	0.75477	11.99	11.99	0	ANNUAL	LINE	5
610455.43	4206190.03	0.74918	11.99	11.99	0	ANNUAL	LINE	5
610462.43	4206190.03	0.74321	11.99	11.99	0	ANNUAL	LINE	5
610469.43	4206190.03	0.73688	11.98	11.98	0	ANNUAL	LINE	5
610476.43	4206190.03	0.73009	11.98	11.98	0	ANNUAL	LINE	5
610483.43	4206190.03	0.72284	11.98	11.98	0	ANNUAL	LINE	5
610497.43	4206190.03	0.70704	11.82	11.82	0	ANNUAL	LINE	5
610504.43	4206190.03	0.69827	11.72	11.72	0	ANNUAL	LINE	5
610511.43	4206190.03	0.68882	11.63	11.63	0	ANNUAL	LINE	5
610518.43	4206190.03	0.67869	11.53	11.53	0	ANNUAL	LINE	5
610525.43	4206190.03	0.66782	11.44	11.44	0	ANNUAL	LINE	5
610532.43	4206190.03	0.65618	11.35	11.35	0	ANNUAL	LINE	5
610539.43	4206190.03	0.64374	11.26	11.26	0	ANNUAL	LINE	5
610546.43	4206190.03	0.63048	11.16	11.16	0	ANNUAL	LINE	5
610553.43	4206190.03	0.61636	11.07	11.07	0	ANNUAL	LINE	5
610560.43	4206190.03	0.60137	11	11	0	ANNUAL	LINE	5
610567.43	4206190.03	0.58547	11	11	0	ANNUAL	LINE	5
610574.43	4206190.03	0.56869	10.99	10.99	0	ANNUAL	LINE	5
610581.43	4206190.03	0.55102	10.99	10.99	0	ANNUAL	LINE	5
610588.43	4206190.03	0.53249	10.98	10.98	0	ANNUAL	LINE	5
610595.43	4206190.03	0.51317	10.98	10.98	0	ANNUAL	LINE	5
610602.43	4206190.03	0.49313	10.98	10.98	0	ANNUAL	LINE	5
610609.43	4206190.03	0.47246	10.97	10.97	0	ANNUAL	LINE	5
610616.43	4206190.03	0.45129	10.97	10.97	0	ANNUAL	LINE	5
610770.43	4206190.03	0.13097	9.1	9.1	0	ANNUAL	LINE	5
610777.43	4206190.03	0.12585	9.01	9.01	0	ANNUAL	LINE	5
610784.43	4206190.03	0.12112	9	9	0	ANNUAL	LINE	5
610791.43	4206190.03	0.11673	9	9	0	ANNUAL	LINE	5
610798.43	4206190.03	0.11264	9	9	0	ANNUAL	LINE	5
610805.43	4206190.03	0.10882	9	9	0	ANNUAL	LINE	5
610812.43	4206190.03	0.10523	9	9	0	ANNUAL	LINE	5
610833.43	4206190.03	0.09572	9	9	0	ANNUAL	LINE	5
610840.43	4206190.03	0.0929	9	9	0	ANNUAL	LINE	5
610847.43	4206190.03	0.09023	9	9	0	ANNUAL	LINE	5
610854.43	4206190.03	0.08769	9	9	0	ANNUAL	LINE	5
610861.43	4206190.03	0.08529	9	9	0	ANNUAL	LINE	5
610868.43	4206190.03	0.083	9	9	0	ANNUAL	LINE	5
610875.43	4206190.03	0.08082	9	9	0	ANNUAL	LINE	5
610882.43	4206190.03	0.07874	9	9	0	ANNUAL	LINE	5
610889.43	4206190.03	0.07676	9	9	0	ANNUAL	LINE	5
610896.43	4206190.03	0.07487	9	9	0	ANNUAL	LINE	5
610903.43	4206190.03	0.07305	9	9	0	ANNUAL	LINE	5
610910.43	4206190.03	0.07132	9	9	0	ANNUAL	LINE	5
610917.43	4206190.03	0.06965	9	9	0	ANNUAL	LINE	5
610924.43	4206190.03	0.06805	9	9	0	ANNUAL	LINE	5
610945.43	4206190.03	0.06362	9	9	0	ANNUAL	LINE	5
610952.43	4206190.03	0.06225	9	9	0	ANNUAL	LINE	5
610959.43	4206190.03	0.06093	9	9	0	ANNUAL	LINE	5
610966.43	4206190.03	0.05966	9	9	0	ANNUAL	LINE	5
610973.43	4206190.03	0.05843	9	9	0	ANNUAL	LINE	5
610980.43	4206190.03	0.05725	9	9	0	ANNUAL	LINE	5
610987.43	4206190.03	0.0561	9	9	0	ANNUAL	LINE	5
610994.43	4206190.03	0.05499	9	9	0	ANNUAL	LINE	5
611001.43	4206190.03	0.05392	9	9	0	ANNUAL	LINE	5
611008.43	4206190.03	0.05288	9	9	0	ANNUAL	LINE	5
611015.43	4206190.03	0.05187	9	9	0	ANNUAL	LINE	5
611029.43	4206190.03	0.04995	9	9	0	ANNUAL	LINE	5
611036.43	4206190.03	0.04904	9	9	0	ANNUAL	LINE	5
611043.43	4206190.03	0.04815	9	9	0	ANNUAL	LINE	5
611050.43	4206190.03	0.04728	9	9	0	ANNUAL	LINE	5
611057.43	4206190.03	0.04644	9	9	0	ANNUAL	LINE	5
611064.43	4206190.03	0.04562	9	9	0	ANNUAL	LINE	5
611071.43	4206190.03	0.04483	9	9	0	ANNUAL	LINE	5
610294.43	4206197.03	0.8772	11.95	11.95	0	ANNUAL	LINE	5
610301.43	4206197.03	0.87583	11.96	11.96	0	ANNUAL	LINE	5
610308.43	4206197.03	0.8744	11.97	11.97	0	ANNUAL	LINE	5
610315.43	4206197.03	0.87304	11.97	11.97	0	ANNUAL	LINE	5
610322.43	4206197.03	0.87146	11.98	11.98	0	ANNUAL	LINE	5
610329.43	4206197.03	0.86978	11.99	11.99	0	ANNUAL	LINE	5
610336.43	4206197.03	0.86798	12	12	0	ANNUAL	LINE	5
610343.43	4206197.03	0.86619	12	12	0	ANNUAL	LINE	5
610350.43	4206197.03	0.86424	12	12	0	ANNUAL	LINE	5

610357.43	4206197.03	0.86212	12	12	0	ANNUAL	LINE	5
610364.43	4206197.03	0.85983	12	12	0	ANNUAL	LINE	5
610371.43	4206197.03	0.85735	12	12	0	ANNUAL	LINE	5
610378.43	4206197.03	0.85467	12	12	0	ANNUAL	LINE	5
610385.43	4206197.03	0.85178	12	12	0	ANNUAL	LINE	5
610392.43	4206197.03	0.84867	12	12	0	ANNUAL	LINE	5
610399.43	4206197.03	0.84534	12	12	0	ANNUAL	LINE	5
610406.43	4206197.03	0.84176	12	12	0	ANNUAL	LINE	5
610413.43	4206197.03	0.83794	12	12	0	ANNUAL	LINE	5
610420.43	4206197.03	0.83385	12	12	0	ANNUAL	LINE	5
610427.43	4206197.03	0.82949	12	12	0	ANNUAL	LINE	5
610434.43	4206197.03	0.82483	12	12	0	ANNUAL	LINE	5
610441.43	4206197.03	0.81986	12	12	0	ANNUAL	LINE	5
610448.43	4206197.03	0.81455	12	12	0	ANNUAL	LINE	5
610455.43	4206197.03	0.80889	12	12	0	ANNUAL	LINE	5
610462.43	4206197.03	0.80284	12	12	0	ANNUAL	LINE	5
610469.43	4206197.03	0.79639	12	12	0	ANNUAL	LINE	5
610476.43	4206197.03	0.78949	12	12	0	ANNUAL	LINE	5
610483.43	4206197.03	0.78212	12	12	0	ANNUAL	LINE	5
610497.43	4206197.03	0.76603	11.84	11.84	0	ANNUAL	LINE	5
610504.43	4206197.03	0.75704	11.75	11.75	0	ANNUAL	LINE	5
610511.43	4206197.03	0.74736	11.66	11.66	0	ANNUAL	LINE	5
610518.43	4206197.03	0.73693	11.57	11.57	0	ANNUAL	LINE	5
610525.43	4206197.03	0.72571	11.48	11.48	0	ANNUAL	LINE	5
610532.43	4206197.03	0.71365	11.39	11.39	0	ANNUAL	LINE	5
610539.43	4206197.03	0.7007	11.3	11.3	0	ANNUAL	LINE	5
610546.43	4206197.03	0.68683	11.2	11.2	0	ANNUAL	LINE	5
610553.43	4206197.03	0.67201	11.11	11.11	0	ANNUAL	LINE	5
610560.43	4206197.03	0.65619	11.04	11.04	0	ANNUAL	LINE	5
610567.43	4206197.03	0.63934	11.04	11.04	0	ANNUAL	LINE	5
610574.43	4206197.03	0.62145	11.03	11.03	0	ANNUAL	LINE	5
610581.43	4206197.03	0.60251	11.03	11.03	0	ANNUAL	LINE	5
610588.43	4206197.03	0.58253	11.02	11.02	0	ANNUAL	LINE	5
610595.43	4206197.03	0.56157	11.02	11.02	0	ANNUAL	LINE	5
610602.43	4206197.03	0.53969	11.01	11.01	0	ANNUAL	LINE	5
610609.43	4206197.03	0.517	11.01	11.01	0	ANNUAL	LINE	5
610616.43	4206197.03	0.49363	11.01	11.01	0	ANNUAL	LINE	5
610770.43	4206197.03	0.13818	9.11	9.11	0	ANNUAL	LINE	5
610777.43	4206197.03	0.1327	9.01	9.01	0	ANNUAL	LINE	5
610784.43	4206197.03	0.12765	9	9	0	ANNUAL	LINE	5
610791.43	4206197.03	0.12296	9	9	0	ANNUAL	LINE	5
610798.43	4206197.03	0.11859	9	9	0	ANNUAL	LINE	5
610805.43	4206197.03	0.11452	9	9	0	ANNUAL	LINE	5
610812.43	4206197.03	0.1107	9	9	0	ANNUAL	LINE	5
610833.43	4206197.03	0.10057	9	9	0	ANNUAL	LINE	5
610840.43	4206197.03	0.09757	9	9	0	ANNUAL	LINE	5
610847.43	4206197.03	0.09473	9	9	0	ANNUAL	LINE	5
610854.43	4206197.03	0.09204	9	9	0	ANNUAL	LINE	5
610861.43	4206197.03	0.08948	9	9	0	ANNUAL	LINE	5
610868.43	4206197.03	0.08705	9	9	0	ANNUAL	LINE	5
610875.43	4206197.03	0.08474	9	9	0	ANNUAL	LINE	5
610882.43	4206197.03	0.08253	9	9	0	ANNUAL	LINE	5
610889.43	4206197.03	0.08043	9	9	0	ANNUAL	LINE	5
610896.43	4206197.03	0.07842	9	9	0	ANNUAL	LINE	5
610903.43	4206197.03	0.07649	9	9	0	ANNUAL	LINE	5
610910.43	4206197.03	0.07465	9	9	0	ANNUAL	LINE	5
610917.43	4206197.03	0.07288	9	9	0	ANNUAL	LINE	5
610924.43	4206197.03	0.07118	9	9	0	ANNUAL	LINE	5
610945.43	4206197.03	0.06648	9	9	0	ANNUAL	LINE	5
610952.43	4206197.03	0.06502	9	9	0	ANNUAL	LINE	5
610959.43	4206197.03	0.06362	9	9	0	ANNUAL	LINE	5
610966.43	4206197.03	0.06227	9	9	0	ANNUAL	LINE	5
610973.43	4206197.03	0.06097	9	9	0	ANNUAL	LINE	5
610980.43	4206197.03	0.05971	9	9	0	ANNUAL	LINE	5
610987.43	4206197.03	0.05849	9	9	0	ANNUAL	LINE	5
610994.43	4206197.03	0.05732	9	9	0	ANNUAL	LINE	5
611001.43	4206197.03	0.05618	9	9	0	ANNUAL	LINE	5
611008.43	4206197.03	0.05508	9	9	0	ANNUAL	LINE	5
611015.43	4206197.03	0.05401	9	9	0	ANNUAL	LINE	5
611029.43	4206197.03	0.05198	9	9	0	ANNUAL	LINE	5
611036.43	4206197.03	0.051	9	9	0	ANNUAL	LINE	5
611043.43	4206197.03	0.05006	9	9	0	ANNUAL	LINE	5
611050.43	4206197.03	0.04914	9	9	0	ANNUAL	LINE	5
611057.43	4206197.03	0.04826	9	9	0	ANNUAL	LINE	5
611064.43	4206197.03	0.04739	9	9	0	ANNUAL	LINE	5
611071.43	4206197.03	0.04655	9	9	0	ANNUAL	LINE	5
610294.43	4206204.03	0.94577	11.9	11.9	0	ANNUAL	LINE	5
610301.43	4206204.03	0.94426	11.92	11.92	0	ANNUAL	LINE	5
610308.43	4206204.03	0.94269	11.94	11.94	0	ANNUAL	LINE	5
610315.43	4206204.03	0.94122	11.95	11.95	0	ANNUAL	LINE	5
610322.43	4206204.03	0.93952	11.97	11.97	0	ANNUAL	LINE	5
610329.43	4206204.03	0.93786	11.98	11.98	0	ANNUAL	LINE	5
610336.43	4206204.03	0.93609	11.99	11.99	0	ANNUAL	LINE	5
610343.43	4206204.03	0.93419	12	12	0	ANNUAL	LINE	5
610350.43	4206204.03	0.93227	12	12	0	ANNUAL	LINE	5
610357.43	4206204.03	0.93018	12	12	0	ANNUAL	LINE	5
610364.43	4206204.03	0.92789	12	12	0	ANNUAL	LINE	5
610371.43	4206204.03	0.92541	12	12	0	ANNUAL	LINE	5
610378.43	4206204.03	0.92271	12	12	0	ANNUAL	LINE	5
610385.43	4206204.03	0.91981	12	12	0	ANNUAL	LINE	5
610392.43	4206204.03	0.91667	12	12	0	ANNUAL	LINE	5
610399.43	4206204.03	0.91331	12	12	0	ANNUAL	LINE	5
610406.43	4206204.03	0.9097	12	12	0	ANNUAL	LINE	5
610413.43	4206204.03	0.90584	12	12	0	ANNUAL	LINE	5
610420.43	4206204.03	0.9017	12	12	0	ANNUAL	LINE	5
610427.43	4206204.03	0.89729	12	12	0	ANNUAL	LINE	5
610434.43	4206204.03	0.89257	12	12	0	ANNUAL	LINE	5
610441.43	4206204.03	0.88753	12	12	0	ANNUAL	LINE	5
610448.43	4206204.03	0.88215	12	12	0	ANNUAL	LINE	5
610455.43	4206204.03	0.87641	12	12	0	ANNUAL	LINE	5
610462.43	4206204.03	0.87027	12	12	0	ANNUAL	LINE	5
610469.43	4206204.03	0.86371	12	12	0	ANNUAL	LINE	5
610476.43	4206204.03	0.8567	12	12	0	ANNUAL	LINE	5
610483.43	4206204.03	0.8492	12	12	0	ANNUAL	LINE	5
610497.43	4206204.03	0.83278	11.86	11.86	0	ANNUAL	LINE	5
610504.43	4206204.03	0.8236	11.77	11.77	0	ANNUAL	LINE	5
610511.43	4206204.03	0.81368	11.69	11.69	0	ANNUAL	LINE	5
610518.43	4206204.03	0.80297	11.6	11.6	0	ANNUAL	LINE	5
610525.43	4206204.03	0.7914	11.52	11.52	0	ANNUAL	LINE	5
610532.43	4206204.03	0.77893	11.43	11.43	0	ANNUAL	LINE	5
610539.43	4206204.03	0.76548	11.35	11.35	0	ANNUAL	LINE	5
610546.43	4206204.03	0.75101	11.26	11.26	0	ANNUAL	LINE	5
610553.43	4206204.03	0.73548	11.18	11.18	0	ANNUAL	LINE	5
610560.43	4206204.03	0.71882	11.11	11.11	0	ANNUAL	LINE	5
610567.43	4206204.03	0.70099	11.1	11.1	0	ANNUAL	LINE	5
610574.43	4206204.03	0.68195	11.09	11.09	0	ANNUAL	LINE	5
610581.43	4206204.03	0.66166	11.08	11.08	0	ANNUAL	LINE	5
610588.43	4206204.03	0.64013	11.07	11.07	0	ANNUAL	LINE	5
610595.43	4206204.03	0.61739	11.06	11.06	0	ANNUAL	LINE	5
610602.43	4206204.03	0.5935	11.04	11.04	0	ANNUAL	LINE	5
610609.43	4206204.03	0.56855	11.03	11.03	0	ANNUAL	LINE	5
610616.43	4206204.03	0.5427	11.02	11.02	0	ANNUAL	LINE	5
610770.43	4206204.03	0.14615	9.1	9.1	0	ANNUAL	LINE	5
610777.43	4206204.03	0.14028	9.01	9.01	0	ANNUAL	LINE	5
610784.43	4206204.03	0.13486	9	9	0	ANNUAL	LINE	5
610791.43	4206204.03	0.12983	9	9	0	ANNUAL	LINE	5
610798.43	4206204.03	0.12516	9	9	0	ANNUAL	LINE	5
610805.43	4206204.03	0.1208	9	9	0	ANNUAL	LINE	5
610812.43	4206204.03	0.11672	9	9	0	ANNUAL	LINE	5
610833.43	4206204.03	0.10591	9	9	0	ANNUAL	LINE	5
610840.43	4206204.03	0.1027	9	9	0	ANNUAL	LINE	5
610847.43	4206204.03	0.09967	9	9	0	ANNUAL	LINE	5
610854.43	4206204.03	0.0968	9	9	0	ANNUAL	LINE	5
610861.43	4206204.03	0.09408	9	9	0	ANNUAL	LINE	5
610868.43	4206204.03	0.09149	9	9	0	ANNUAL	LINE	5
610875.43	4206204.03	0.08902	9	9	0	ANNUAL	LINE	5
610882.43	4206204.03	0.08667	9	9	0	ANNUAL	LINE	5
610889.43	4206204.03	0.08443	9	9	0	ANNUAL	LINE	5
610896.43	4206204.03	0.08228	9	9	0	ANNUAL	LINE	5
610903.43	4206204.03	0.08023	9	9	0	ANNUAL	LINE	5
610910.43	4206204.03	0.07827	9	9	0	ANNUAL	LINE	5
610917.43	4206204.03	0.07638	9	9	0	ANNUAL	LINE	5
610924.43	4206204.03	0.07457	9	9	0	ANNUAL	LINE	5
610945.43	4206204.03	0.06956	9	9	0	ANNUAL	LINE	5
610952.43	4206204.03	0.06801	9	9	0	ANNUAL	LINE	5
610959.43	4206204.03	0.06652	9	9	0	ANNUAL	LINE	5
610966.43	4206204.03	0.06508	9	9	0	ANNUAL	LINE	5
610973.43	4206204.03	0.06369	9	9	0	ANNUAL	LINE	5
610980.43	4206204.03	0.06235	9	9	0	ANNUAL	LINE	5
610987.43	4206204.03	0.06106	9	9	0	ANNUAL	LINE	5
610994.43	4206204.03	0.05981	9	9	0	ANNUAL	LINE	5
611001.43	4206204.03	0.0586	9	9	0	ANNUAL	LINE	5
611008.43	4206204.03	0.05743	9	9	0	ANNUAL	LINE	5
611015.43	4206204.03	0.05629	9	9	0	ANNUAL	LINE	5
611029.43	4206204.03	0.05413	9	9	0	ANNUAL	LINE	5
611036.43	4206204.03	0.0531	9	9	0	ANNUAL	LINE	5
611043.43	4206204.03	0.0521	9	9	0	ANNUAL	LINE	5
611050.43	4206204.03	0.05112	9	9	0	ANNUAL	LINE	5
611057.43	4206204.03	0.05018	9	9	0	ANNUAL	LINE	5
611064.43	4206204.03	0.04927	9	9	0	ANNUAL	LINE	5
611071.43	4206204.03	0.04838	9	9	0	ANNUAL	LINE	5
611078.43	4206204.03	0.04751	9	9	0	ANNUAL	LINE	5
611092.43	4206204.03	0.04585	9	9	0	ANNUAL	LINE	5
610294.43	4206211.03	1.02393	11.86	11.86	0	ANNUAL	LINE	5
610301.43	4206211.03	1.02239	11.88	11.88	0	ANNUAL	LINE	5
610308.43	4206211.03	1.02081	11.9	11.9	0	ANNUAL	LINE	5
610315.43	4206211.03	1.019	11.93	11.93	0	ANNUAL	LINE	5
610322.43	4206211.03	1.01711	11.95	11.95	0	ANNUAL	LINE	5
610329.43	4206211.03	1.01551	11.97	11.97	0	ANNUAL	LINE	5
610336.43	4206211.03	1.0136	11.99	11.99	0	ANNUAL	LINE	5
610343.43	4206211.03	1.01172	12	12	0	ANNUAL	LINE	5
610350.43	4206211.03	1.00982	12	12	0	ANNUAL	LINE	5
610357.43	4206211.03	1.00774	12	12	0	ANNUAL	LINE	5
610364.43	4206211.03	1.00545	12	12	0	ANNUAL	LINE	5
610371.43	4206211.03	1.00295	12	12	0	ANNUAL	LINE	5
610378.43	4206211.03	1.00024	12	12	0	ANNUAL	LINE	5
610385.43	4206211.03	0.9973	12	12	0	ANNUAL	LINE	5
610392.43	4206211.03	0.99413	12	12	0	ANNUAL	LINE	5
610399.43	4206211.03	0.99072	12	12	0	ANNUAL	LINE	5
610406.43	4206211.03	0.98707	12	12	0	ANNUAL	LINE	5
610413.43	4206211.03	0.98315	12	12	0	ANNUAL	LINE	5
610420.43	4206211.03	0.97895	12	12	0	ANNUAL	LINE	5
610427.43	4206211.03	0.97447	12	12	0	ANNUAL	LINE	5
610434.43	4206211.03	0.96968	12	12	0	ANNUAL	LINE	5
610441.43	4206211.03	0.96456	12	12	0	ANNUAL	LINE	5
610448.43	4206211.03	0.9591	12	12	0	ANNUAL	LINE	5
610455.43	4206211.03	0.95326	12	12	0	ANNUAL	LINE	5
610462.43	4206211.03	0.94702	12	12	0	ANNUAL	LINE	5
610469.43	4206211.03	0.94035	12	12	0	ANNUAL	LINE	5
610476.43	4206211.03	0.93321	12	12	0	ANNUAL	LINE	5
610483.43	4206211.03	0.92557	12	12	0	ANNUAL	LINE	5
610497.43	4206211.03	0.90883	11.87	11.87	0	ANNUAL	LINE	5
610504.43	4206211.03	0.89945	11.79	11.79	0	ANNUAL	LINE	5
610511.43	4206211.03	0.8893	11.71	11.71	0	ANNUAL	LINE	5
610518.43	4206211.03	0.8783	11.64	11.64	0	ANNUAL	LINE	5
610525.43	4206211.03	0.86641	11.56	11.56	0	ANNUAL	LINE	5
610532.43	4206211.03	0.85353	11.48	11.48	0	ANNUAL	LINE	5
610539.43	4206211.03	0.8396	11.4	11.4	0	ANNUAL	LINE	5
610546.43	4206211.03	0.82455	11.33	11.33	0	ANNUAL	LINE	5
610553.43	4206211.03	0.8083	11.25	11.25	0	ANNUAL	LINE	5
610560.43	4206211.03	0.79079	11.19	11.19	0	ANNUAL	LINE	5
610567.43	4206211.03	0.77197	11.17	11.17	0	ANNUAL	LINE	5
610574.43	4206211.03	0.75173	11.15	11.15	0	ANNUAL	LINE	5
610581.43	4206211.03	0.73004	11.13	11.13	0	ANNUAL	LINE	5
610588.43	4206211.03	0.70687	11.11	11.11	0	ANNUAL	LINE	5
610595.43	4206211.03	0.68221	11.09	11.09	0	ANNUAL	LINE	5
610602.43	4206211.03	0.6561	11.07	11.07	0	ANNUAL	LINE	5
610609.43	4206211.03	0.62865	11.06	11.06	0	ANNUAL	LINE	5
610616.43	4206211.03	0.59999	11.04	11.04	0	ANNUAL	LINE	5
610770.43	4206211.03	0.15501	9.1	9.1	0	ANNUAL	LINE	5
610777.43	4206211.03	0.14868	9.01	9.01	0	ANNUAL	LINE	5

610784.43	4206211.03	0.14286	9	9	0	ANNUAL	LINE	5
610791.43	4206211.03	0.13746	9	9	0	ANNUAL	LINE	5
610798.43	4206211.03	0.13244	9	9	0	ANNUAL	LINE	5
610805.43	4206211.03	0.12776	9	9	0	ANNUAL	LINE	5
610812.43	4206211.03	0.12339	9	9	0	ANNUAL	LINE	5
610833.43	4206211.03	0.11179	9	9	0	ANNUAL	LINE	5
610840.43	4206211.03	0.10836	9	9	0	ANNUAL	LINE	5
610847.43	4206211.03	0.10512	9	9	0	ANNUAL	LINE	5
610854.43	4206211.03	0.10204	9	9	0	ANNUAL	LINE	5
610861.43	4206211.03	0.09912	9	9	0	ANNUAL	LINE	5
610868.43	4206211.03	0.09635	9	9	0	ANNUAL	LINE	5
610875.43	4206211.03	0.09371	9	9	0	ANNUAL	LINE	5
610882.43	4206211.03	0.09119	9	9	0	ANNUAL	LINE	5
610889.43	4206211.03	0.08879	9	9	0	ANNUAL	LINE	5
610896.43	4206211.03	0.0865	9	9	0	ANNUAL	LINE	5
610903.43	4206211.03	0.0843	9	9	0	ANNUAL	LINE	5
610910.43	4206211.03	0.0822	9	9	0	ANNUAL	LINE	5
610917.43	4206211.03	0.08018	9	9	0	ANNUAL	LINE	5
610924.43	4206211.03	0.07825	9	9	0	ANNUAL	LINE	5
610945.43	4206211.03	0.07289	9	9	0	ANNUAL	LINE	5
610952.43	4206211.03	0.07123	9	9	0	ANNUAL	LINE	5
610959.43	4206211.03	0.06964	9	9	0	ANNUAL	LINE	5
610966.43	4206211.03	0.0681	9	9	0	ANNUAL	LINE	5
610973.43	4206211.03	0.06662	9	9	0	ANNUAL	LINE	5
610980.43	4206211.03	0.06519	9	9	0	ANNUAL	LINE	5
610987.43	4206211.03	0.06381	9	9	0	ANNUAL	LINE	5
610994.43	4206211.03	0.06247	9	9	0	ANNUAL	LINE	5
611001.43	4206211.03	0.06118	9	9	0	ANNUAL	LINE	5
611008.43	4206211.03	0.05993	9	9	0	ANNUAL	LINE	5
611015.43	4206211.03	0.05873	9	9	0	ANNUAL	LINE	5
611029.43	4206211.03	0.05642	9	9	0	ANNUAL	LINE	5
611036.43	4206211.03	0.05532	9	9	0	ANNUAL	LINE	5
611043.43	4206211.03	0.05426	9	9	0	ANNUAL	LINE	5
611050.43	4206211.03	0.05323	9	9	0	ANNUAL	LINE	5
611057.43	4206211.03	0.05222	9	9	0	ANNUAL	LINE	5
611064.43	4206211.03	0.05125	9	9	0	ANNUAL	LINE	5
611071.43	4206211.03	0.05031	9	9	0	ANNUAL	LINE	5
611078.43	4206211.03	0.04939	9	9	0	ANNUAL	LINE	5
611085.43	4206211.03	0.0485	9	9	0	ANNUAL	LINE	5
611092.43	4206211.03	0.04763	9	9	0	ANNUAL	LINE	5
610294.43	4206218.03	1.11419	11.81	11.81	0	ANNUAL	LINE	5
610301.43	4206218.03	1.11242	11.84	11.84	0	ANNUAL	LINE	5
610308.43	4206218.03	1.11059	11.87	11.87	0	ANNUAL	LINE	5
610315.43	4206218.03	1.10872	11.9	11.9	0	ANNUAL	LINE	5
610322.43	4206218.03	1.10681	11.93	11.93	0	ANNUAL	LINE	5
610329.43	4206218.03	1.10484	11.96	11.96	0	ANNUAL	LINE	5
610336.43	4206218.03	1.10273	11.99	11.99	0	ANNUAL	LINE	5
610343.43	4206218.03	1.10086	12	12	0	ANNUAL	LINE	5
610350.43	4206218.03	1.09898	12	12	0	ANNUAL	LINE	5
610357.43	4206218.03	1.0969	12	12	0	ANNUAL	LINE	5
610364.43	4206218.03	1.0946	12	12	0	ANNUAL	LINE	5
610371.43	4206218.03	1.09207	12	12	0	ANNUAL	LINE	5
610378.43	4206218.03	1.08932	12	12	0	ANNUAL	LINE	5
610385.43	4206218.03	1.08633	12	12	0	ANNUAL	LINE	5
610392.43	4206218.03	1.08311	12	12	0	ANNUAL	LINE	5
610399.43	4206218.03	1.07964	12	12	0	ANNUAL	LINE	5
610406.43	4206218.03	1.07591	12	12	0	ANNUAL	LINE	5
610413.43	4206218.03	1.07192	12	12	0	ANNUAL	LINE	5
610420.43	4206218.03	1.06764	12	12	0	ANNUAL	LINE	5
610427.43	4206218.03	1.06307	12	12	0	ANNUAL	LINE	5
610434.43	4206218.03	1.05819	12	12	0	ANNUAL	LINE	5
610441.43	4206218.03	1.05297	12	12	0	ANNUAL	LINE	5
610448.43	4206218.03	1.0474	12	12	0	ANNUAL	LINE	5
610455.43	4206218.03	1.04145	12	12	0	ANNUAL	LINE	5
610462.43	4206218.03	1.03508	12	12	0	ANNUAL	LINE	5
610469.43	4206218.03	1.02828	12	12	0	ANNUAL	LINE	5
610476.43	4206218.03	1.021	12	12	0	ANNUAL	LINE	5
610483.43	4206218.03	1.0132	12	12	0	ANNUAL	LINE	5
610497.43	4206218.03	0.99611	11.88	11.88	0	ANNUAL	LINE	5
610504.43	4206218.03	0.98852	11.81	11.81	0	ANNUAL	LINE	5
610511.43	4206218.03	0.97612	11.74	11.74	0	ANNUAL	LINE	5
610518.43	4206218.03	0.96486	11.67	11.67	0	ANNUAL	LINE	5
610525.43	4206218.03	0.95264	11.6	11.6	0	ANNUAL	LINE	5
610532.43	4206218.03	0.93938	11.53	11.53	0	ANNUAL	LINE	5
610539.43	4206218.03	0.92499	11.46	11.46	0	ANNUAL	LINE	5
610546.43	4206218.03	0.90937	11.39	11.39	0	ANNUAL	LINE	5
610553.43	4206218.03	0.89244	11.32	11.32	0	ANNUAL	LINE	5
610560.43	4206218.03	0.87408	11.26	11.26	0	ANNUAL	LINE	5
610567.43	4206218.03	0.85424	11.23	11.23	0	ANNUAL	LINE	5
610574.43	4206218.03	0.83279	11.21	11.21	0	ANNUAL	LINE	5
610581.43	4206218.03	0.80963	11.18	11.18	0	ANNUAL	LINE	5
610588.43	4206218.03	0.78473	11.16	11.16	0	ANNUAL	LINE	5
610595.43	4206218.03	0.75802	11.13	11.13	0	ANNUAL	LINE	5
610602.43	4206218.03	0.72951	11.1	11.1	0	ANNUAL	LINE	5
610609.43	4206218.03	0.69927	11.08	11.08	0	ANNUAL	LINE	5
610616.43	4206218.03	0.66744	11.05	11.05	0	ANNUAL	LINE	5
610770.43	4206218.03	0.16491	9.1	9.1	0	ANNUAL	LINE	5
610777.43	4206218.03	0.15807	9.01	9.01	0	ANNUAL	LINE	5
610784.43	4206218.03	0.15178	9	9	0	ANNUAL	LINE	5
610791.43	4206218.03	0.14596	9	9	0	ANNUAL	LINE	5
610798.43	4206218.03	0.14055	9	9	0	ANNUAL	LINE	5
610805.43	4206218.03	0.1355	9	9	0	ANNUAL	LINE	5
610812.43	4206218.03	0.13079	9	9	0	ANNUAL	LINE	5
610833.43	4206218.03	0.1188	9	9	0	ANNUAL	LINE	5
610840.43	4206218.03	0.11461	9	9	0	ANNUAL	LINE	5
610847.43	4206218.03	0.11112	9	9	0	ANNUAL	LINE	5
610854.43	4206218.03	0.10781	9	9	0	ANNUAL	LINE	5
610861.43	4206218.03	0.10467	9	9	0	ANNUAL	LINE	5
610868.43	4206218.03	0.10169	9	9	0	ANNUAL	LINE	5
610875.43	4206218.03	0.09885	9	9	0	ANNUAL	LINE	5
610882.43	4206218.03	0.09614	9	9	0	ANNUAL	LINE	5
610889.43	4206218.03	0.09356	9	9	0	ANNUAL	LINE	5
610896.43	4206218.03	0.09109	9	9	0	ANNUAL	LINE	5
610903.43	4206218.03	0.08873	9	9	0	ANNUAL	LINE	5
610910.43	4206218.03	0.08647	9	9	0	ANNUAL	LINE	5
610917.43	4206218.03	0.08431	9	9	0	ANNUAL	LINE	5
610924.43	4206218.03	0.08223	9	9	0	ANNUAL	LINE	5
610945.43	4206218.03	0.07648	9	9	0	ANNUAL	LINE	5
610952.43	4206218.03	0.0747	9	9	0	ANNUAL	LINE	5
610959.43	4206218.03	0.07299	9	9	0	ANNUAL	LINE	5
610966.43	4206218.03	0.07135	9	9	0	ANNUAL	LINE	5
610973.43	4206218.03	0.06976	9	9	0	ANNUAL	LINE	5
610980.43	4206218.03	0.06823	9	9	0	ANNUAL	LINE	5
610987.43	4206218.03	0.06675	9	9	0	ANNUAL	LINE	5
610994.43	4206218.03	0.06532	9	9	0	ANNUAL	LINE	5
611001.43	4206218.03	0.06394	9	9	0	ANNUAL	LINE	5
611008.43	4206218.03	0.06261	9	9	0	ANNUAL	LINE	5
611029.43	4206218.03	0.05886	9	9	0	ANNUAL	LINE	5
611036.43	4206218.03	0.05769	9	9	0	ANNUAL	LINE	5
611043.43	4206218.03	0.05655	9	9	0	ANNUAL	LINE	5
611050.43	4206218.03	0.05545	9	9	0	ANNUAL	LINE	5
611057.43	4206218.03	0.05439	9	9	0	ANNUAL	LINE	5
611064.43	4206218.03	0.05335	9	9	0	ANNUAL	LINE	5
611071.43	4206218.03	0.05235	9	9	0	ANNUAL	LINE	5
611078.43	4206218.03	0.05137	9	9	0	ANNUAL	LINE	5
611085.43	4206218.03	0.05042	9	9	0	ANNUAL	LINE	5
611092.43	4206218.03	0.0495	9	9	0	ANNUAL	LINE	5
610294.43	4206225.03	1.21899	11.77	11.77	0	ANNUAL	LINE	5
610301.43	4206225.03	1.21688	11.81	11.81	0	ANNUAL	LINE	5
610308.43	4206225.03	1.215	11.84	11.84	0	ANNUAL	LINE	5
610315.43	4206225.03	1.21281	11.88	11.88	0	ANNUAL	LINE	5
610322.43	4206225.03	1.21061	11.92	11.92	0	ANNUAL	LINE	5
610329.43	4206225.03	1.2086	11.95	11.95	0	ANNUAL	LINE	5
610336.43	4206225.03	1.20624	11.99	11.99	0	ANNUAL	LINE	5
610343.43	4206225.03	1.20437	12	12	0	ANNUAL	LINE	5
610350.43	4206225.03	1.20249	12	12	0	ANNUAL	LINE	5
610357.43	4206225.03	1.20039	12	12	0	ANNUAL	LINE	5
610364.43	4206225.03	1.19805	12	12	0	ANNUAL	LINE	5
610371.43	4206225.03	1.19547	12	12	0	ANNUAL	LINE	5
610378.43	4206225.03	1.19265	12	12	0	ANNUAL	LINE	5
610385.43	4206225.03	1.1896	12	12	0	ANNUAL	LINE	5
610392.43	4206225.03	1.18629	12	12	0	ANNUAL	LINE	5
610399.43	4206225.03	1.18273	12	12	0	ANNUAL	LINE	5
610406.43	4206225.03	1.17891	12	12	0	ANNUAL	LINE	5
610413.43	4206225.03	1.17482	12	12	0	ANNUAL	LINE	5
610420.43	4206225.03	1.17044	12	12	0	ANNUAL	LINE	5
610427.43	4206225.03	1.16575	12	12	0	ANNUAL	LINE	5
610434.43	4206225.03	1.16074	12	12	0	ANNUAL	LINE	5
610441.43	4206225.03	1.1554	12	12	0	ANNUAL	LINE	5
610448.43	4206225.03	1.14968	12	12	0	ANNUAL	LINE	5
610455.43	4206225.03	1.14358	12	12	0	ANNUAL	LINE	5
610462.43	4206225.03	1.13706	12	12	0	ANNUAL	LINE	5
610469.43	4206225.03	1.13009	12	12	0	ANNUAL	LINE	5
610476.43	4206225.03	1.12264	12	12	0	ANNUAL	LINE	5
610483.43	4206225.03	1.11466	12	12	0	ANNUAL	LINE	5
610497.43	4206225.03	1.09716	11.89	11.89	0	ANNUAL	LINE	5
610504.43	4206225.03	1.08734	11.83	11.83	0	ANNUAL	LINE	5
610511.43	4206225.03	1.07669	11.77	11.77	0	ANNUAL	LINE	5
610518.43	4206225.03	1.06515	11.7	11.7	0	ANNUAL	LINE	5
610525.43	4206225.03	1.0526	11.64	11.64	0	ANNUAL	LINE	5
610532.43	4206225.03	1.03897	11.58	11.58	0	ANNUAL	LINE	5
610539.43	4206225.03	1.02414	11.52	11.52	0	ANNUAL	LINE	5
610546.43	4206225.03	1.00797	11.45	11.45	0	ANNUAL	LINE	5
610553.43	4206225.03	0.99036	11.39	11.39	0	ANNUAL	LINE	5
610560.43	4206225.03	0.97118	11.33	11.33	0	ANNUAL	LINE	5
610567.43	4206225.03	0.95035	11.3	11.3	0	ANNUAL	LINE	5
610574.43	4206225.03	0.92767	11.27	11.27	0	ANNUAL	LINE	5
610581.43	4206225.03	0.90302	11.23	11.23	0	ANNUAL	LINE	5
610588.43	4206225.03	0.87628	11.2	11.2	0	ANNUAL	LINE	5
610595.43	4206225.03	0.84739	11.17	11.17	0	ANNUAL	LINE	5
610602.43	4206225.03	0.81629	11.13	11.13	0	ANNUAL	LINE	5
610609.43	4206225.03	0.783	11.1	11.1	0	ANNUAL	LINE	5
610616.43	4206225.03	0.7476	11.07	11.07	0	ANNUAL	LINE	5
610770.43	4206225.03	0.17603	9.1	9.1	0	ANNUAL	LINE	5
610777.43	4206225.03	0.1686	9	9	0	ANNUAL	LINE	5
610784.43	4206225.03	0.16178	9	9	0	ANNUAL	LINE	5
610791.43	4206225.03	0.15547	9	9	0	ANNUAL	LINE	5
610798.43	4206225.03	0.14961	9	9	0	ANNUAL	LINE	5
610805.43	4206225.03	0.14415	9	9	0	ANNUAL	LINE	5
610812.43	4206225.03	0.13904	9	9	0	ANNUAL	LINE	5
610833.43	4206225.03	0.12553	9	9	0	ANNUAL	LINE	5
610840.43	4206225.03	0.12153	9	9	0	ANNUAL	LINE	5
610847.43	4206225.03	0.11776	9	9	0	ANNUAL	LINE	5
610854.43	4206225.03	0.11418	9	9	0	ANNUAL	LINE	5
610861.43	4206225.03	0.11078	9	9	0	ANNUAL	LINE	5
610868.43	4206225.03	0.10756	9	9	0	ANNUAL	LINE	5
610875.43	4206225.03	0.10449	9	9	0	ANNUAL	LINE	5
610882.43	4206225.03	0.10156	9	9	0	ANNUAL	LINE	5
610889.43	4206225.03	0.09877	9	9	0	ANNUAL	LINE	5
610896.43	4206225.03	0.09611	9	9	0	ANNUAL	LINE	5
610903.43	4206225.03	0.09356	9	9	0	ANNUAL	LINE	5
610910.43	4206225.03	0.09112	9	9	0	ANNUAL	LINE	5
610917.43	4206225.03	0.08879	9	9	0	ANNUAL	LINE	5
610924.43	4206225.03	0.08655	9	9	0	ANNUAL	LINE	5
610931.43	4206225.03	0.0844	9	9	0	ANNUAL	LINE	5
610952.43	4206225.03	0.07844	9	9	0	ANNUAL	LINE	5
610959.43	4206225.03	0.0766	9	9	0	ANNUAL	LINE	5
610966.43	4206225.03	0.07483	9	9	0	ANNUAL	LINE	5
610973.43	4206225.03	0.07313	9	9	0	ANNUAL	LINE	5
610980.43	4206225.03	0.07148	9	9	0	ANNUAL	LINE	5
610987.43	4206225.03	0.0699	9	9	0	ANNUAL	LINE	5
610994.43	4206225.03	0.06837	9	9	0	ANNUAL	LINE	5
611001.43	4206225.03	0.06689	9	9	0	ANNUAL	LINE	5
611008.43	4206225.03	0.06546	9	9	0	ANNUAL	LINE	5
611029.43	4206225.03	0.06145	9	9	0	ANNUAL	LINE	5
611036.43	4206225.03	0.0602	9	9	0	ANNUAL	LINE	5
611043.43	4206225.03	0.05899	9	9	0	ANNUAL	LINE	5
611050.43	4206225.03	0.05781	9	9	0	ANNUAL	LINE	5
611057.43	4206225.03	0.05668	9	9	0	ANNUAL	LINE	5
611064.43	4206225.03	0.05557	9	9	0	ANNUAL	LINE	5
611071.43	4206225.03	0.0545	9	9	0	ANNUAL	LINE	5

611078.43	4206225.03	0.05346	9	9	0	ANNUAL	LINE	5
611085.43	4206225.03	0.05246	9	9	0	ANNUAL	LINE	5
611092.43	4206225.03	0.05148	9	9	0	ANNUAL	LINE	5
610294.43	4206232.03	1.34265	11.72	11.72	0	ANNUAL	LINE	5
610301.43	4206232.03	1.34003	11.77	11.77	0	ANNUAL	LINE	5
610308.43	4206232.03	1.33775	11.81	11.81	0	ANNUAL	LINE	5
610315.43	4206232.03	1.33516	11.86	11.86	0	ANNUAL	LINE	5
610322.43	4206232.03	1.33282	11.9	11.9	0	ANNUAL	LINE	5
610329.43	4206232.03	1.33047	11.94	11.94	0	ANNUAL	LINE	5
610336.43	4206232.03	1.32779	11.99	11.99	0	ANNUAL	LINE	5
610343.43	4206232.03	1.32589	12	12	0	ANNUAL	LINE	5
610350.43	4206232.03	1.32399	12	12	0	ANNUAL	LINE	5
610357.43	4206232.03	1.32183	12	12	0	ANNUAL	LINE	5
610364.43	4206232.03	1.31942	12	12	0	ANNUAL	LINE	5
610371.43	4206232.03	1.31676	12	12	0	ANNUAL	LINE	5
610378.43	4206232.03	1.31384	12	12	0	ANNUAL	LINE	5
610385.43	4206232.03	1.31068	12	12	0	ANNUAL	LINE	5
610392.43	4206232.03	1.30726	12	12	0	ANNUAL	LINE	5
610399.43	4206232.03	1.30357	12	12	0	ANNUAL	LINE	5
610406.43	4206232.03	1.29962	12	12	0	ANNUAL	LINE	5
610413.43	4206232.03	1.29539	12	12	0	ANNUAL	LINE	5
610420.43	4206232.03	1.29086	12	12	0	ANNUAL	LINE	5
610427.43	4206232.03	1.28601	12	12	0	ANNUAL	LINE	5
610434.43	4206232.03	1.28084	12	12	0	ANNUAL	LINE	5
610441.43	4206232.03	1.27531	12	12	0	ANNUAL	LINE	5
610448.43	4206232.03	1.26941	12	12	0	ANNUAL	LINE	5
610455.43	4206232.03	1.26311	12	12	0	ANNUAL	LINE	5
610462.43	4206232.03	1.25639	12	12	0	ANNUAL	LINE	5
610469.43	4206232.03	1.24921	12	12	0	ANNUAL	LINE	5
610476.43	4206232.03	1.24154	12	12	0	ANNUAL	LINE	5
610483.43	4206232.03	1.23333	12	12	0	ANNUAL	LINE	5
610497.43	4206232.03	1.21533	11.9	11.9	0	ANNUAL	LINE	5
610504.43	4206232.03	1.20523	11.85	11.85	0	ANNUAL	LINE	5
610511.43	4206232.03	1.19431	11.79	11.79	0	ANNUAL	LINE	5
610518.43	4206232.03	1.18245	11.74	11.74	0	ANNUAL	LINE	5
610525.43	4206232.03	1.16958	11.68	11.68	0	ANNUAL	LINE	5
610532.43	4206232.03	1.15556	11.63	11.63	0	ANNUAL	LINE	5
610539.43	4206232.03	1.14028	11.57	11.57	0	ANNUAL	LINE	5
610546.43	4206232.03	1.12358	11.51	11.51	0	ANNUAL	LINE	5
610553.43	4206232.03	1.10535	11.46	11.46	0	ANNUAL	LINE	5
610560.43	4206232.03	1.08538	11.41	11.41	0	ANNUAL	LINE	5
610567.43	4206232.03	1.06356	11.37	11.37	0	ANNUAL	LINE	5
610574.43	4206232.03	1.03966	11.33	11.33	0	ANNUAL	LINE	5
610581.43	4206232.03	1.01347	11.28	11.28	0	ANNUAL	LINE	5
610588.43	4206232.03	0.98488	11.24	11.24	0	ANNUAL	LINE	5
610595.43	4206232.03	0.95369	11.2	11.2	0	ANNUAL	LINE	5
610602.43	4206232.03	0.91981	11.16	11.16	0	ANNUAL	LINE	5
610609.43	4206232.03	0.88319	11.12	11.12	0	ANNUAL	LINE	5
610616.43	4206232.03	0.84382	11.08	11.08	0	ANNUAL	LINE	5
610770.43	4206232.03	0.1886	9.1	9.1	0	ANNUAL	LINE	5
610777.43	4206232.03	0.1805	9	9	0	ANNUAL	LINE	5
610784.43	4206232.03	0.17306	9	9	0	ANNUAL	LINE	5
610791.43	4206232.03	0.16618	9	9	0	ANNUAL	LINE	5
610798.43	4206232.03	0.15979	9	9	0	ANNUAL	LINE	5
610805.43	4206232.03	0.15384	9	9	0	ANNUAL	LINE	5
610812.43	4206232.03	0.14828	9	9	0	ANNUAL	LINE	5
610833.43	4206232.03	0.13357	9	9	0	ANNUAL	LINE	5
610840.43	4206232.03	0.12922	9	9	0	ANNUAL	LINE	5
610847.43	4206232.03	0.12511	9	9	0	ANNUAL	LINE	5
610854.43	4206232.03	0.12121	9	9	0	ANNUAL	LINE	5
610861.43	4206232.03	0.11752	9	9	0	ANNUAL	LINE	5
610868.43	4206232.03	0.11401	9	9	0	ANNUAL	LINE	5
610875.43	4206232.03	0.11068	9	9	0	ANNUAL	LINE	5
610882.43	4206232.03	0.1075	9	9	0	ANNUAL	LINE	5
610889.43	4206232.03	0.10447	9	9	0	ANNUAL	LINE	5
610896.43	4206232.03	0.10158	9	9	0	ANNUAL	LINE	5
610903.43	4206232.03	0.09882	9	9	0	ANNUAL	LINE	5
610910.43	4206232.03	0.09617	9	9	0	ANNUAL	LINE	5
610917.43	4206232.03	0.09364	9	9	0	ANNUAL	LINE	5
610924.43	4206232.03	0.09122	9	9	0	ANNUAL	LINE	5
610931.43	4206232.03	0.08889	9	9	0	ANNUAL	LINE	5
610952.43	4206232.03	0.08246	9	9	0	ANNUAL	LINE	5
610959.43	4206232.03	0.08048	9	9	0	ANNUAL	LINE	5
610966.43	4206232.03	0.07857	9	9	0	ANNUAL	LINE	5
610973.43	4206232.03	0.07673	9	9	0	ANNUAL	LINE	5
610980.43	4206232.03	0.07497	9	9	0	ANNUAL	LINE	5
610987.43	4206232.03	0.07326	9	9	0	ANNUAL	LINE	5
610994.43	4206232.03	0.07161	9	9	0	ANNUAL	LINE	5
611001.43	4206232.03	0.07003	9	9	0	ANNUAL	LINE	5
611008.43	4206232.03	0.06849	9	9	0	ANNUAL	LINE	5
611029.43	4206232.03	0.0642	9	9	0	ANNUAL	LINE	5
611036.43	4206232.03	0.06286	9	9	0	ANNUAL	LINE	5
611043.43	4206232.03	0.06156	9	9	0	ANNUAL	LINE	5
611050.43	4206232.03	0.06031	9	9	0	ANNUAL	LINE	5
611057.43	4206232.03	0.05909	9	9	0	ANNUAL	LINE	5
611064.43	4206232.03	0.05792	9	9	0	ANNUAL	LINE	5
611071.43	4206232.03	0.05678	9	9	0	ANNUAL	LINE	5
611078.43	4206232.03	0.05567	9	9	0	ANNUAL	LINE	5
611085.43	4206232.03	0.0546	9	9	0	ANNUAL	LINE	5
611092.43	4206232.03	0.05356	9	9	0	ANNUAL	LINE	5
610294.43	4206239.03	1.4897	11.68	11.68	0	ANNUAL	LINE	5
610301.43	4206239.03	1.48681	11.73	11.73	0	ANNUAL	LINE	5
610308.43	4206239.03	1.48393	11.78	11.78	0	ANNUAL	LINE	5
610315.43	4206239.03	1.48116	11.83	11.83	0	ANNUAL	LINE	5
610322.43	4206239.03	1.47826	11.88	11.88	0	ANNUAL	LINE	5
610329.43	4206239.03	1.47545	11.93	11.93	0	ANNUAL	LINE	5
610336.43	4206239.03	1.47234	11.99	11.99	0	ANNUAL	LINE	5
610343.43	4206239.03	1.47037	12	12	0	ANNUAL	LINE	5
610350.43	4206239.03	1.4684	12	12	0	ANNUAL	LINE	5
610357.43	4206239.03	1.46614	12	12	0	ANNUAL	LINE	5
610364.43	4206239.03	1.46362	12	12	0	ANNUAL	LINE	5
610371.43	4206239.03	1.46082	12	12	0	ANNUAL	LINE	5
610378.43	4206239.03	1.45775	12	12	0	ANNUAL	LINE	5
610385.43	4206239.03	1.45443	12	12	0	ANNUAL	LINE	5
610392.43	4206239.03	1.45084	12	12	0	ANNUAL	LINE	5
610399.43	4206239.03	1.44698	12	12	0	ANNUAL	LINE	5
610406.43	4206239.03	1.44284	12	12	0	ANNUAL	LINE	5
610413.43	4206239.03	1.4384	12	12	0	ANNUAL	LINE	5
610420.43	4206239.03	1.43366	12	12	0	ANNUAL	LINE	5
610427.43	4206239.03	1.4286	12	12	0	ANNUAL	LINE	5
610434.43	4206239.03	1.42319	12	12	0	ANNUAL	LINE	5
610441.43	4206239.03	1.41742	12	12	0	ANNUAL	LINE	5
610448.43	4206239.03	1.41126	12	12	0	ANNUAL	LINE	5
610455.43	4206239.03	1.4047	12	12	0	ANNUAL	LINE	5
610462.43	4206239.03	1.3977	12	12	0	ANNUAL	LINE	5
610469.43	4206239.03	1.39023	12	12	0	ANNUAL	LINE	5
610476.43	4206239.03	1.38227	12	12	0	ANNUAL	LINE	5
610483.43	4206239.03	1.37376	12	12	0	ANNUAL	LINE	5
610497.43	4206239.03	1.35512	11.91	11.91	0	ANNUAL	LINE	5
610504.43	4206239.03	1.34468	11.87	11.87	0	ANNUAL	LINE	5
610511.43	4206239.03	1.33342	11.82	11.82	0	ANNUAL	LINE	5
610518.43	4206239.03	1.3212	11.77	11.77	0	ANNUAL	LINE	5
610525.43	4206239.03	1.30795	11.72	11.72	0	ANNUAL	LINE	5
610532.43	4206239.03	1.29353	11.67	11.67	0	ANNUAL	LINE	5
610539.43	4206239.03	1.2778	11.63	11.63	0	ANNUAL	LINE	5
610546.43	4206239.03	1.2606	11.58	11.58	0	ANNUAL	LINE	5
610553.43	4206239.03	1.24174	11.53	11.53	0	ANNUAL	LINE	5
610560.43	4206239.03	1.221	11.48	11.48	0	ANNUAL	LINE	5
610567.43	4206239.03	1.1982	11.43	11.43	0	ANNUAL	LINE	5
610574.43	4206239.03	1.17308	11.38	11.38	0	ANNUAL	LINE	5
610581.43	4206239.03	1.14542	11.34	11.34	0	ANNUAL	LINE	5
610588.43	4206239.03	1.11494	11.29	11.29	0	ANNUAL	LINE	5
610595.43	4206239.03	1.08138	11.24	11.24	0	ANNUAL	LINE	5
610602.43	4206239.03	1.04454	11.19	11.19	0	ANNUAL	LINE	5
610609.43	4206239.03	1.00434	11.15	11.15	0	ANNUAL	LINE	5
610616.43	4206239.03	0.96061	11.1	11.1	0	ANNUAL	LINE	5
610770.43	4206239.03	0.20292	9.1	9.1	0	ANNUAL	LINE	5
610777.43	4206239.03	0.19402	9	9	0	ANNUAL	LINE	5
610784.43	4206239.03	0.18585	9	9	0	ANNUAL	LINE	5
610791.43	4206239.03	0.1783	9	9	0	ANNUAL	LINE	5
610798.43	4206239.03	0.17128	9	9	0	ANNUAL	LINE	5
610805.43	4206239.03	0.16475	9	9	0	ANNUAL	LINE	5
610812.43	4206239.03	0.15865	9	9	0	ANNUAL	LINE	5
610833.43	4206239.03	0.14251	9	9	0	ANNUAL	LINE	5
610840.43	4206239.03	0.13775	9	9	0	ANNUAL	LINE	5
610847.43	4206239.03	0.13324	9	9	0	ANNUAL	LINE	5
610854.43	4206239.03	0.12898	9	9	0	ANNUAL	LINE	5
610861.43	4206239.03	0.12494	9	9	0	ANNUAL	LINE	5
610868.43	4206239.03	0.12111	9	9	0	ANNUAL	LINE	5
610875.43	4206239.03	0.11747	9	9	0	ANNUAL	LINE	5
610882.43	4206239.03	0.114	9	9	0	ANNUAL	LINE	5
610889.43	4206239.03	0.11069	9	9	0	ANNUAL	LINE	5
610896.43	4206239.03	0.10754	9	9	0	ANNUAL	LINE	5
610903.43	4206239.03	0.10453	9	9	0	ANNUAL	LINE	5
610910.43	4206239.03	0.10166	9	9	0	ANNUAL	LINE	5
610917.43	4206239.03	0.0989	9	9	0	ANNUAL	LINE	5
610924.43	4206239.03	0.09627	9	9	0	ANNUAL	LINE	5
610931.43	4206239.03	0.09375	9	9	0	ANNUAL	LINE	5
610952.43	4206239.03	0.08678	9	9	0	ANNUAL	LINE	5
610959.43	4206239.03	0.08463	9	9	0	ANNUAL	LINE	5
610966.43	4206239.03	0.08257	9	9	0	ANNUAL	LINE	5
610973.43	4206239.03	0.08059	9	9	0	ANNUAL	LINE	5
610980.43	4206239.03	0.07868	9	9	0	ANNUAL	LINE	5
610987.43	4206239.03	0.07685	9	9	0	ANNUAL	LINE	5
610994.43	4206239.03	0.07507	9	9	0	ANNUAL	LINE	5
611001.43	4206239.03	0.07337	9	9	0	ANNUAL	LINE	5
611008.43	4206239.03	0.07172	9	9	0	ANNUAL	LINE	5
611029.43	4206239.03	0.06711	9	9	0	ANNUAL	LINE	5
611036.43	4206239.03	0.06568	9	9	0	ANNUAL	LINE	5
611043.43	4206239.03	0.06429	9	9	0	ANNUAL	LINE	5
611050.43	4206239.03	0.06295	9	9	0	ANNUAL	LINE	5
611057.43	4206239.03	0.06165	9	9	0	ANNUAL	LINE	5
611064.43	4206239.03	0.06039	9	9	0	ANNUAL	LINE	5
611071.43	4206239.03	0.05918	9	9	0	ANNUAL	LINE	5
611078.43	4206239.03	0.058	9	9	0	ANNUAL	LINE	5
611085.43	4206239.03	0.05685	9	9	0	ANNUAL	LINE	5
611092.43	4206239.03	0.05575	9	9	0	ANNUAL	LINE	5
610294.43	4206246.03	1.66803	11.63	11.63	0	ANNUAL	LINE	5
610301.43	4206246.03	1.66434	11.69	11.69	0	ANNUAL	LINE	5
610308.43	4206246.03	1.6607	11.75	11.75	0	ANNUAL	LINE	5
610315.43	4206246.03	1.6572	11.81	11.81	0	ANNUAL	LINE	5
610322.43	4206246.03	1.65371	11.87	11.87	0	ANNUAL	LINE	5
610329.43	4206246.03	1.6503	11.93	11.93	0	ANNUAL	LINE	5
610336.43	4206246.03	1.64719	11.98	11.98	0	ANNUAL	LINE	5
610343.43	4206246.03	1.64479	12	12	0	ANNUAL	LINE	5
610350.43	4206246.03	1.64268	12	12	0	ANNUAL	LINE	5
610357.43	4206246.03	1.64026	12	12	0	ANNUAL	LINE	5
610364.43	4206246.03	1.63754	12	12	0	ANNUAL	LINE	5
610371.43	4206246.03	1.63453	12	12	0	ANNUAL	LINE	5
610378.43	4206246.03	1.63124	12	12	0	ANNUAL	LINE	5
610385.43	4206246.03	1.62767	12	12	0	ANNUAL	LINE	5
610392.43	4206246.03	1.62383	12	12	0	ANNUAL	LINE	5
610399.43	4206246.03	1.61971	12	12	0	ANNUAL	LINE	5
610406.43	4206246.03	1.6153	12	12	0	ANNUAL	LINE	5
610413.43	4206246.03	1.61059	12	12	0	ANNUAL	LINE	5
610420.43	4206246.03	1.60555	12	12	0	ANNUAL	LINE	5
610427.43	4206246.03	1.60017	12	12	0	ANNUAL	LINE	5
610434.43	4206246.03	1.59443	12	12	0	ANNUAL	LINE	5
610441.43	4206246.03	1.58831	12	12	0	ANNUAL	LINE	5
610448.43	4206246.03	1.58179	12	12	0	ANNUAL	LINE	5
610455.43	4206246.03	1.57486	12	12	0	ANNUAL	LINE	5
610462.43	4206246.03	1.56747	12	12	0	ANNUAL	LINE	5
610469.43	4206246.03	1.55961	12	12	0	ANNUAL	LINE	5
610476.43	4206246.03	1.55124	12	12	0	ANNUAL	LINE	5
610483.43	4206246.03	1.54233	12	12	0	ANNUAL	LINE	5
610497.43	4206246.03	1.52279	11.93	11.93	0	ANNUAL	LINE	5
610504.43	4206246.03	1.51192	11.89	11.89	0	ANNUAL	LINE	5
610511.43	4206246.03	1.50021	11.85	11.85	0	ANNUAL	LINE	5
610518.43	4206246.03	1.48757	11.81	11.81	0	ANNUAL	LINE	5
610525.43	4206246.03	1.47385	11.76	11.76	0	ANNUAL	LINE	5
610532.43	4206246.03	1.45896	11.72	11.72	0	ANNUAL	LINE	5

610539.43	4206246.03	1.44274	11.68	11.68	0	ANNUAL	LINE	5
610546.43	4206246.03	1.42499	11.64	11.64	0	ANNUAL	LINE	5
610553.43	4206246.03	1.40551	11.6	11.6	0	ANNUAL	LINE	5
610560.43	4206246.03	1.38405	11.55	11.55	0	ANNUAL	LINE	5
610567.43	4206246.03	1.3603	11.5	11.5	0	ANNUAL	LINE	5
610574.43	4206246.03	1.33398	11.44	11.44	0	ANNUAL	LINE	5
610581.43	4206246.03	1.30483	11.39	11.39	0	ANNUAL	LINE	5
610588.43	4206246.03	1.27242	11.33	11.33	0	ANNUAL	LINE	5
610595.43	4206246.03	1.23651	11.28	11.28	0	ANNUAL	LINE	5
610602.43	4206246.03	1.19663	11.22	11.22	0	ANNUAL	LINE	5
610609.43	4206246.03	1.15259	11.17	11.17	0	ANNUAL	LINE	5
610616.43	4206246.03	1.10412	11.11	11.11	0	ANNUAL	LINE	5
610770.43	4206246.03	0.21932	9.1	9.1	0	ANNUAL	LINE	5
610777.43	4206246.03	0.20946	9	9	0	ANNUAL	LINE	5
610784.43	4206246.03	0.20041	9	9	0	ANNUAL	LINE	5
610791.43	4206246.03	0.19205	9	9	0	ANNUAL	LINE	5
610798.43	4206246.03	0.18429	9	9	0	ANNUAL	LINE	5
610805.43	4206246.03	0.17706	9	9	0	ANNUAL	LINE	5
610812.43	4206246.03	0.17031	9	9	0	ANNUAL	LINE	5
610833.43	4206246.03	0.15248	9	9	0	ANNUAL	LINE	5
610840.43	4206246.03	0.14722	9	9	0	ANNUAL	LINE	5
610847.43	4206246.03	0.14226	9	9	0	ANNUAL	LINE	5
610854.43	4206246.03	0.13756	9	9	0	ANNUAL	LINE	5
610861.43	4206246.03	0.13312	9	9	0	ANNUAL	LINE	5
610868.43	4206246.03	0.1289	9	9	0	ANNUAL	LINE	5
610875.43	4206246.03	0.1249	9	9	0	ANNUAL	LINE	5
610882.43	4206246.03	0.1211	9	9	0	ANNUAL	LINE	5
610889.43	4206246.03	0.11747	9	9	0	ANNUAL	LINE	5
610896.43	4206246.03	0.11402	9	9	0	ANNUAL	LINE	5
610903.43	4206246.03	0.11073	9	9	0	ANNUAL	LINE	5
610910.43	4206246.03	0.10759	9	9	0	ANNUAL	LINE	5
610917.43	4206246.03	0.10459	9	9	0	ANNUAL	LINE	5
610924.43	4206246.03	0.10172	9	9	0	ANNUAL	LINE	5
610931.43	4206246.03	0.09898	9	9	0	ANNUAL	LINE	5
610938.43	4206246.03	0.09635	9	9	0	ANNUAL	LINE	5
610959.43	4206246.03	0.08908	9	9	0	ANNUAL	LINE	5
610966.43	4206246.03	0.08685	9	9	0	ANNUAL	LINE	5
610973.43	4206246.03	0.08471	9	9	0	ANNUAL	LINE	5
610980.43	4206246.03	0.08265	9	9	0	ANNUAL	LINE	5
610987.43	4206246.03	0.08066	9	9	0	ANNUAL	LINE	5
610994.43	4206246.03	0.07875	9	9	0	ANNUAL	LINE	5
611001.43	4206246.03	0.07691	9	9	0	ANNUAL	LINE	5
611008.43	4206246.03	0.07514	9	9	0	ANNUAL	LINE	5
611029.43	4206246.03	0.07019	9	9	0	ANNUAL	LINE	5
611036.43	4206246.03	0.06865	9	9	0	ANNUAL	LINE	5
611043.43	4206246.03	0.06717	9	9	0	ANNUAL	LINE	5
611050.43	4206246.03	0.06573	9	9	0	ANNUAL	LINE	5
611057.43	4206246.03	0.06434	9	9	0	ANNUAL	LINE	5
611064.43	4206246.03	0.063	9	9	0	ANNUAL	LINE	5
611071.43	4206246.03	0.0617	9	9	0	ANNUAL	LINE	5
611078.43	4206246.03	0.06044	9	9	0	ANNUAL	LINE	5
611085.43	4206246.03	0.05922	9	9	0	ANNUAL	LINE	5
611092.43	4206246.03	0.05804	9	9	0	ANNUAL	LINE	5
610294.43	4206253.03	1.88733	11.59	11.59	0	ANNUAL	LINE	5
610301.43	4206253.03	1.88284	11.65	11.65	0	ANNUAL	LINE	5
610308.43	4206253.03	1.87828	11.72	11.72	0	ANNUAL	LINE	5
610315.43	4206253.03	1.87374	11.79	11.79	0	ANNUAL	LINE	5
610322.43	4206253.03	1.86979	11.85	11.85	0	ANNUAL	LINE	5
610329.43	4206253.03	1.86551	11.92	11.92	0	ANNUAL	LINE	5
610336.43	4206253.03	1.8617	11.98	11.98	0	ANNUAL	LINE	5
610343.43	4206253.03	1.85901	12	12	0	ANNUAL	LINE	5
610350.43	4206253.03	1.85666	12	12	0	ANNUAL	LINE	5
610357.43	4206253.03	1.85395	12	12	0	ANNUAL	LINE	5
610364.43	4206253.03	1.85092	12	12	0	ANNUAL	LINE	5
610371.43	4206253.03	1.84758	12	12	0	ANNUAL	LINE	5
610378.43	4206253.03	1.84394	12	12	0	ANNUAL	LINE	5
610385.43	4206253.03	1.84002	12	12	0	ANNUAL	LINE	5
610392.43	4206253.03	1.83581	12	12	0	ANNUAL	LINE	5
610399.43	4206253.03	1.83131	12	12	0	ANNUAL	LINE	5
610406.43	4206253.03	1.8265	12	12	0	ANNUAL	LINE	5
610413.43	4206253.03	1.82137	12	12	0	ANNUAL	LINE	5
610420.43	4206253.03	1.8159	12	12	0	ANNUAL	LINE	5
610427.43	4206253.03	1.81007	12	12	0	ANNUAL	LINE	5
610434.43	4206253.03	1.80386	12	12	0	ANNUAL	LINE	5
610441.43	4206253.03	1.79725	12	12	0	ANNUAL	LINE	5
610448.43	4206253.03	1.79021	12	12	0	ANNUAL	LINE	5
610455.43	4206253.03	1.78274	12	12	0	ANNUAL	LINE	5
610462.43	4206253.03	1.77481	12	12	0	ANNUAL	LINE	5
610469.43	4206253.03	1.76639	12	12	0	ANNUAL	LINE	5
610476.43	4206253.03	1.75746	12	12	0	ANNUAL	LINE	5
610483.43	4206253.03	1.74797	12	12	0	ANNUAL	LINE	5
610497.43	4206253.03	1.72723	11.94	11.94	0	ANNUAL	LINE	5
610504.43	4206253.03	1.71575	11.91	11.91	0	ANNUAL	LINE	5
610511.43	4206253.03	1.70344	11.87	11.87	0	ANNUAL	LINE	5
610518.43	4206253.03	1.6902	11.84	11.84	0	ANNUAL	LINE	5
610525.43	4206253.03	1.67591	11.81	11.81	0	ANNUAL	LINE	5
610532.43	4206253.03	1.66042	11.77	11.77	0	ANNUAL	LINE	5
610539.43	4206253.03	1.64359	11.74	11.74	0	ANNUAL	LINE	5
610546.43	4206253.03	1.62523	11.7	11.7	0	ANNUAL	LINE	5
610553.43	4206253.03	1.60512	11.67	11.67	0	ANNUAL	LINE	5
610560.43	4206253.03	1.58285	11.62	11.62	0	ANNUAL	LINE	5
610567.43	4206253.03	1.55817	11.56	11.56	0	ANNUAL	LINE	5
610574.43	4206253.03	1.53068	11.5	11.5	0	ANNUAL	LINE	5
610581.43	4206253.03	1.50005	11.44	11.44	0	ANNUAL	LINE	5
610588.43	4206253.03	1.46573	11.37	11.37	0	ANNUAL	LINE	5
610595.43	4206253.03	1.42741	11.31	11.31	0	ANNUAL	LINE	5
610602.43	4206253.03	1.38448	11.25	11.25	0	ANNUAL	LINE	5
610609.43	4206253.03	1.33645	11.19	11.19	0	ANNUAL	LINE	5
610616.43	4206253.03	1.28297	11.13	11.13	0	ANNUAL	LINE	5
610770.43	4206253.03	0.23821	9.1	9.1	0	ANNUAL	LINE	5
610777.43	4206253.03	0.22718	9	9	0	ANNUAL	LINE	5
610784.43	4206253.03	0.21706	9	9	0	ANNUAL	LINE	5
610791.43	4206253.03	0.20771	9	9	0	ANNUAL	LINE	5
610798.43	4206253.03	0.19904	9	9	0	ANNUAL	LINE	5
610805.43	4206253.03	0.19096	9	9	0	ANNUAL	LINE	5
610812.43	4206253.03	0.18343	9	9	0	ANNUAL	LINE	5
610840.43	4206253.03	0.15773	9	9	0	ANNUAL	LINE	5
610847.43	4206253.03	0.15222	9	9	0	ANNUAL	LINE	5
610854.43	4206253.03	0.14702	9	9	0	ANNUAL	LINE	5
610861.43	4206253.03	0.1421	9	9	0	ANNUAL	LINE	5
610868.43	4206253.03	0.13744	9	9	0	ANNUAL	LINE	5
610875.43	4206253.03	0.13303	9	9	0	ANNUAL	LINE	5
610882.43	4206253.03	0.12884	9	9	0	ANNUAL	LINE	5
610889.43	4206253.03	0.12485	9	9	0	ANNUAL	LINE	5
610896.43	4206253.03	0.12106	9	9	0	ANNUAL	LINE	5
610903.43	4206253.03	0.11745	9	9	0	ANNUAL	LINE	5
610910.43	4206253.03	0.11401	9	9	0	ANNUAL	LINE	5
610917.43	4206253.03	0.11073	9	9	0	ANNUAL	LINE	5
610924.43	4206253.03	0.10759	9	9	0	ANNUAL	LINE	5
610931.43	4206253.03	0.1046	9	9	0	ANNUAL	LINE	5
610938.43	4206253.03	0.10173	9	9	0	ANNUAL	LINE	5
610966.43	4206253.03	0.09142	9	9	0	ANNUAL	LINE	5
610973.43	4206253.03	0.0891	9	9	0	ANNUAL	LINE	5
610980.43	4206253.03	0.08687	9	9	0	ANNUAL	LINE	5
610987.43	4206253.03	0.08472	9	9	0	ANNUAL	LINE	5
610994.43	4206253.03	0.08266	9	9	0	ANNUAL	LINE	5
611001.43	4206253.03	0.08068	9	9	0	ANNUAL	LINE	5
611008.43	4206253.03	0.07877	9	9	0	ANNUAL	LINE	5
611029.43	4206253.03	0.07344	9	9	0	ANNUAL	LINE	5
611036.43	4206253.03	0.07179	9	9	0	ANNUAL	LINE	5
611043.43	4206253.03	0.0702	9	9	0	ANNUAL	LINE	5
611050.43	4206253.03	0.06866	9	9	0	ANNUAL	LINE	5
611057.43	4206253.03	0.06718	9	9	0	ANNUAL	LINE	5
611064.43	4206253.03	0.06574	9	9	0	ANNUAL	LINE	5
611071.43	4206253.03	0.06435	9	9	0	ANNUAL	LINE	5
611078.43	4206253.03	0.06301	9	9	0	ANNUAL	LINE	5
611085.43	4206253.03	0.06171	9	9	0	ANNUAL	LINE	5
611092.43	4206253.03	0.06045	9	9	0	ANNUAL	LINE	5
610294.43	4206260.03	2.16333	11.54	11.54	0	ANNUAL	LINE	5
610301.43	4206260.03	2.15708	11.62	11.62	0	ANNUAL	LINE	5
610308.43	4206260.03	2.15154	11.69	11.69	0	ANNUAL	LINE	5
610315.43	4206260.03	2.14612	11.76	11.76	0	ANNUAL	LINE	5
610322.43	4206260.03	2.14066	11.84	11.84	0	ANNUAL	LINE	5
610329.43	4206260.03	2.13559	11.91	11.91	0	ANNUAL	LINE	5
610336.43	4206260.03	2.1308	11.98	11.98	0	ANNUAL	LINE	5
610343.43	4206260.03	2.12765	12	12	0	ANNUAL	LINE	5
610350.43	4206260.03	2.12486	12	12	0	ANNUAL	LINE	5
610357.43	4206260.03	2.1217	12	12	0	ANNUAL	LINE	5
610364.43	4206260.03	2.11816	12	12	0	ANNUAL	LINE	5
610371.43	4206260.03	2.1143	12	12	0	ANNUAL	LINE	5
610378.43	4206260.03	2.11013	12	12	0	ANNUAL	LINE	5
610385.43	4206260.03	2.10566	12	12	0	ANNUAL	LINE	5
610392.43	4206260.03	2.10088	12	12	0	ANNUAL	LINE	5
610399.43	4206260.03	2.09579	12	12	0	ANNUAL	LINE	5
610406.43	4206260.03	2.09039	12	12	0	ANNUAL	LINE	5
610413.43	4206260.03	2.08464	12	12	0	ANNUAL	LINE	5
610420.43	4206260.03	2.07853	12	12	0	ANNUAL	LINE	5
610427.43	4206260.03	2.07203	12	12	0	ANNUAL	LINE	5
610434.43	4206260.03	2.06512	12	12	0	ANNUAL	LINE	5
610441.43	4206260.03	2.05779	12	12	0	ANNUAL	LINE	5
610448.43	4206260.03	2.05	12	12	0	ANNUAL	LINE	5
610455.43	4206260.03	2.04175	12	12	0	ANNUAL	LINE	5
610462.43	4206260.03	2.03302	12	12	0	ANNUAL	LINE	5
610469.43	4206260.03	2.0238	12	12	0	ANNUAL	LINE	5
610476.43	4206260.03	2.01405	12	12	0	ANNUAL	LINE	5
610483.43	4206260.03	2.00375	12	12	0	ANNUAL	LINE	5
610497.43	4206260.03	1.98126	11.95	11.95	0	ANNUAL	LINE	5
610504.43	4206260.03	1.96893	11.93	11.93	0	ANNUAL	LINE	5
610511.43	4206260.03	1.95577	11.9	11.9	0	ANNUAL	LINE	5
610518.43	4206260.03	1.94168	11.87	11.87	0	ANNUAL	LINE	5
610525.43	4206260.03	1.92659	11.85	11.85	0	ANNUAL	LINE	5
610532.43	4206260.03	1.9103	11.82	11.82	0	ANNUAL	LINE	5
610539.43	4206260.03	1.89268	11.79	11.79	0	ANNUAL	LINE	5
610546.43	4206260.03	1.87357	11.77	11.77	0	ANNUAL	LINE	5
610553.43	4206260.03	1.85263	11.74	11.74	0	ANNUAL	LINE	5
610560.43	4206260.03	1.82962	11.7	11.7	0	ANNUAL	LINE	5
610567.43	4206260.03	1.80385	11.63	11.63	0	ANNUAL	LINE	5
610574.43	4206260.03	1.77515	11.56	11.56	0	ANNUAL	LINE	5
610581.43	4206260.03	1.74295	11.49	11.49	0	ANNUAL	LINE	5
610588.43	4206260.03	1.70681	11.42	11.42	0	ANNUAL	LINE	5
610596.6	4206262.53	1.75856	11.35	11.35	0	ANNUAL	LINE	5
610602.43	4206260.03	1.62008	11.28	11.28	0	ANNUAL	LINE	5
610609.43	4206260.03	1.56803	11.21	11.21	0	ANNUAL	LINE	5
610616.43	4206260.03	1.50928	11.14	11.14	0	ANNUAL	LINE	5
610770.43	4206260.03	0.26007	9.09	9.09	0	ANNUAL	LINE	5
610777.43	4206260.03	0.24758	9	9	0	ANNUAL	LINE	5
610784.43	4206260.03	0.23613	9	9	0	ANNUAL	LINE	5
610791.43	4206260.03	0.22556	9	9	0	ANNUAL	LINE	5
610798.43	4206260.03	0.21576	9	9	0	ANNUAL	LINE	5
610805.43	4206260.03	0.20666	9	9	0	ANNUAL	LINE	5
610812.43	4206260.03	0.19818	9	9	0	ANNUAL	LINE	5
610840.43	4206260.03	0.16936	9	9	0	ANNUAL	LINE	5
610847.43	4206260.03	0.16321	9	9	0	ANNUAL	LINE	5
610854.43	4206260.03	0.15742	9	9	0	ANNUAL	LINE	5
610861.43	4206260.03	0.15195	9	9	0	ANNUAL	LINE	5
610868.43	4206260.03	0.14678	9	9	0	ANNUAL	LINE	5
610875.43	4206260.03	0.14189	9	9	0	ANNUAL	LINE	5
610882.43	4206260.03	0.13725	9	9	0	ANNUAL	LINE	5
610889.43	4206260.03	0.13286	9	9	0	ANNUAL	LINE	5
610896.43	4206260.03	0.12868	9	9	0	ANNUAL	LINE	5
610903.43	4206260.03	0.12471	9	9	0	ANNUAL	LINE	5
610910.43	4206260.03	0.12093	9	9	0	ANNUAL	LINE	5
610917.43	4206260.03	0.11733	9	9	0	ANNUAL	LINE	5
610924.43	4206260.03	0.1139	9	9	0	ANNUAL	LINE	5
610973.43	4206260.03	0.09376	9	9	0	ANNUAL	LINE	5
610980.43	4206260.03	0.09134	9	9	0	ANNUAL	LINE	5
610987.43	4206260.03	0.08903	9	9	0	ANNUAL	LINE	5
610994.43	4206260.03	0.0868	9	9	0	ANNUAL	LINE	5
611001.43	4206260.03	0.08466	9	9	0	ANNUAL	LINE	5
611008.43	4206260.03	0.0826	9	9	0	ANNUAL	LINE	5
611029.43	4206260.03	0.07687	9	9	0	ANNUAL	LINE	5

611036.43	4206260.03	0.0751	9	9	0	ANNUAL	LINE	5
611043.43	4206260.03	0.07339	9	9	0	ANNUAL	LINE	5
611050.43	4206260.03	0.07174	9	9	0	ANNUAL	LINE	5
611057.43	4206260.03	0.07015	9	9	0	ANNUAL	LINE	5
611064.43	4206260.03	0.06862	9	9	0	ANNUAL	LINE	5
611071.43	4206260.03	0.06713	9	9	0	ANNUAL	LINE	5
610294.43	4206267.03	2.51859	11.5	11.5	0	ANNUAL	LINE	5
610301.43	4206267.03	2.51094	11.58	11.58	0	ANNUAL	LINE	5
610308.43	4206267.03	2.50344	11.66	11.66	0	ANNUAL	LINE	5
610315.43	4206267.03	2.49643	11.74	11.74	0	ANNUAL	LINE	5
610322.43	4206267.03	2.48977	11.82	11.82	0	ANNUAL	LINE	5
610329.43	4206267.03	2.48319	11.9	11.9	0	ANNUAL	LINE	5
610336.43	4206267.03	2.47707	11.98	11.98	0	ANNUAL	LINE	5
610343.43	4206267.03	2.47312	12	12	0	ANNUAL	LINE	5
610350.43	4206267.03	2.46959	12	12	0	ANNUAL	LINE	5
610357.43	4206267.03	2.46562	12	12	0	ANNUAL	LINE	5
610364.43	4206267.03	2.46128	12	12	0	ANNUAL	LINE	5
610371.43	4206267.03	2.45657	12	12	0	ANNUAL	LINE	5
610378.43	4206267.03	2.45154	12	12	0	ANNUAL	LINE	5
610385.43	4206267.03	2.44619	12	12	0	ANNUAL	LINE	5
610392.43	4206267.03	2.44052	12	12	0	ANNUAL	LINE	5
610399.43	4206267.03	2.43453	12	12	0	ANNUAL	LINE	5
610406.43	4206267.03	2.42819	12	12	0	ANNUAL	LINE	5
610413.43	4206267.03	2.4215	12	12	0	ANNUAL	LINE	5
610420.43	4206267.03	2.41441	12	12	0	ANNUAL	LINE	5
610427.43	4206267.03	2.40692	12	12	0	ANNUAL	LINE	5
610434.43	4206267.03	2.39897	12	12	0	ANNUAL	LINE	5
610441.43	4206267.03	2.39055	12	12	0	ANNUAL	LINE	5
610448.43	4206267.03	2.38164	12	12	0	ANNUAL	LINE	5
610455.43	4206267.03	2.37223	12	12	0	ANNUAL	LINE	5
610462.43	4206267.03	2.36232	12	12	0	ANNUAL	LINE	5
610469.43	4206267.03	2.35189	12	12	0	ANNUAL	LINE	5
610476.43	4206267.03	2.34095	12	12	0	ANNUAL	LINE	5
610483.43	4206267.03	2.32943	12	12	0	ANNUAL	LINE	5
610497.43	4206267.03	2.30444	11.97	11.97	0	ANNUAL	LINE	5
610504.43	4206267.03	2.29086	11.95	11.95	0	ANNUAL	LINE	5
610511.43	4206267.03	2.27646	11.93	11.93	0	ANNUAL	LINE	5
610518.43	4206267.03	2.26116	11.91	11.91	0	ANNUAL	LINE	5
610525.43	4206267.03	2.24485	11.89	11.89	0	ANNUAL	LINE	5
610532.43	4206267.03	2.22741	11.87	11.87	0	ANNUAL	LINE	5
610539.43	4206267.03	2.20868	11.85	11.85	0	ANNUAL	LINE	5
610546.43	4206267.03	2.18848	11.83	11.83	0	ANNUAL	LINE	5
610553.43	4206267.03	2.16656	11.81	11.81	0	ANNUAL	LINE	5
610560.43	4206267.03	2.14241	11.77	11.77	0	ANNUAL	LINE	5
610567.43	4206267.03	2.11537	11.69	11.69	0	ANNUAL	LINE	5
610574.43	4206267.03	2.08518	11.61	11.61	0	ANNUAL	LINE	5
610581.43	4206267.03	2.05157	11.54	11.54	0	ANNUAL	LINE	5
610588.43	4206267.03	2.01341	11.46	11.46	0	ANNUAL	LINE	5
610595.43	4206267.03	1.97019	11.38	11.38	0	ANNUAL	LINE	5
610602.43	4206267.03	1.92119	11.31	11.31	0	ANNUAL	LINE	5
610609.43	4206267.03	1.86513	11.23	11.23	0	ANNUAL	LINE	5
610616.43	4206267.03	1.80111	11.16	11.16	0	ANNUAL	LINE	5
610770.43	4206267.03	0.28541	9.09	9.09	0	ANNUAL	LINE	5
610777.43	4206267.03	0.27107	9	9	0	ANNUAL	LINE	5
610784.43	4206267.03	0.25796	9	9	0	ANNUAL	LINE	5
610791.43	4206267.03	0.24587	9	9	0	ANNUAL	LINE	5
610798.43	4206267.03	0.23469	9	9	0	ANNUAL	LINE	5
610805.43	4206267.03	0.22433	9	9	0	ANNUAL	LINE	5
610812.43	4206267.03	0.2147	9	9	0	ANNUAL	LINE	5
610840.43	4206267.03	0.18218	9	9	0	ANNUAL	LINE	5
610847.43	4206267.03	0.17529	9	9	0	ANNUAL	LINE	5
610854.43	4206267.03	0.16881	9	9	0	ANNUAL	LINE	5
610861.43	4206267.03	0.1627	9	9	0	ANNUAL	LINE	5
610868.43	4206267.03	0.15695	9	9	0	ANNUAL	LINE	5
610875.43	4206267.03	0.15151	9	9	0	ANNUAL	LINE	5
610882.43	4206267.03	0.14637	9	9	0	ANNUAL	LINE	5
610889.43	4206267.03	0.14151	9	9	0	ANNUAL	LINE	5
610896.43	4206267.03	0.1369	9	9	0	ANNUAL	LINE	5
610903.43	4206267.03	0.13252	9	9	0	ANNUAL	LINE	5
610910.43	4206267.03	0.12836	9	9	0	ANNUAL	LINE	5
610917.43	4206267.03	0.12441	9	9	0	ANNUAL	LINE	5
610952.43	4206267.03	0.10726	9	9	0	ANNUAL	LINE	5
610994.43	4206267.03	0.09117	9	9	0	ANNUAL	LINE	5
611001.43	4206267.03	0.08886	9	9	0	ANNUAL	LINE	5
611008.43	4206267.03	0.08664	9	9	0	ANNUAL	LINE	5
611029.43	4206267.03	0.08048	9	9	0	ANNUAL	LINE	5
611036.43	4206267.03	0.07858	9	9	0	ANNUAL	LINE	5
611043.43	4206267.03	0.07675	9	9	0	ANNUAL	LINE	5
611050.43	4206267.03	0.07498	9	9	0	ANNUAL	LINE	5
611057.43	4206267.03	0.07328	9	9	0	ANNUAL	LINE	5
611064.43	4206267.03	0.07163	9	9	0	ANNUAL	LINE	5
611071.43	4206267.03	0.07005	9	9	0	ANNUAL	LINE	5
610294.43	4206274.03	2.99081	11.46	11.46	0	ANNUAL	LINE	5
610301.43	4206274.03	2.98099	11.54	11.54	0	ANNUAL	LINE	5
610308.43	4206274.03	2.97116	11.63	11.63	0	ANNUAL	LINE	5
610315.43	4206274.03	2.96193	11.72	11.72	0	ANNUAL	LINE	5
610322.43	4206274.03	2.95304	11.81	11.81	0	ANNUAL	LINE	5
610329.43	4206274.03	2.94489	11.89	11.89	0	ANNUAL	LINE	5
610336.43	4206274.03	2.93696	11.98	11.98	0	ANNUAL	LINE	5
610343.43	4206274.03	2.93168	12	12	0	ANNUAL	LINE	5
610350.43	4206274.03	2.9268	12	12	0	ANNUAL	LINE	5
610357.43	4206274.03	2.92146	12	12	0	ANNUAL	LINE	5
610364.43	4206274.03	2.91571	12	12	0	ANNUAL	LINE	5
610371.43	4206274.03	2.90959	12	12	0	ANNUAL	LINE	5
610378.43	4206274.03	2.90314	12	12	0	ANNUAL	LINE	5
610385.43	4206274.03	2.89635	12	12	0	ANNUAL	LINE	5
610392.43	4206274.03	2.88922	12	12	0	ANNUAL	LINE	5
610399.43	4206274.03	2.88175	12	12	0	ANNUAL	LINE	5
610406.43	4206274.03	2.87393	12	12	0	ANNUAL	LINE	5
610413.43	4206274.03	2.86574	12	12	0	ANNUAL	LINE	5
610420.43	4206274.03	2.85714	12	12	0	ANNUAL	LINE	5
610427.43	4206274.03	2.84808	12	12	0	ANNUAL	LINE	5
610434.43	4206274.03	2.83853	12	12	0	ANNUAL	LINE	5
610441.43	4206274.03	2.82844	12	12	0	ANNUAL	LINE	5
610448.43	4206274.03	2.81779	12	12	0	ANNUAL	LINE	5
610455.43	4206274.03	2.80658	12	12	0	ANNUAL	LINE	5
610462.43	4206274.03	2.79484	12	12	0	ANNUAL	LINE	5
610469.43	4206274.03	2.78258	12	12	0	ANNUAL	LINE	5
610476.43	4206274.03	2.76978	12	12	0	ANNUAL	LINE	5
610483.43	4206274.03	2.75642	12	12	0	ANNUAL	LINE	5
610497.43	4206274.03	2.72765	11.98	11.98	0	ANNUAL	LINE	5
610504.43	4206274.03	2.71221	11.97	11.97	0	ANNUAL	LINE	5
610511.43	4206274.03	2.69597	11.96	11.96	0	ANNUAL	LINE	5
610518.43	4206274.03	2.67873	11.94	11.94	0	ANNUAL	LINE	5
610525.43	4206274.03	2.66063	11.93	11.93	0	ANNUAL	LINE	5
610532.43	4206274.03	2.64144	11.92	11.92	0	ANNUAL	LINE	5
610539.43	4206274.03	2.62102	11.91	11.91	0	ANNUAL	LINE	5
610546.43	4206274.03	2.59921	11.9	11.9	0	ANNUAL	LINE	5
610553.43	4206274.03	2.57568	11.88	11.88	0	ANNUAL	LINE	5
610560.43	4206274.03	2.54999	11.84	11.84	0	ANNUAL	LINE	5
610567.43	4206274.03	2.52123	11.76	11.76	0	ANNUAL	LINE	5
610574.43	4206274.03	2.48927	11.67	11.67	0	ANNUAL	LINE	5
610581.43	4206274.03	2.4536	11.59	11.59	0	ANNUAL	LINE	5
610588.43	4206274.03	2.41318	11.5	11.5	0	ANNUAL	LINE	5
610595.43	4206270.91	2.17645	11.4	11.4	0	ANNUAL	LINE	5
610601.49	4206272.08	2.20119	11.34	11.34	0	ANNUAL	LINE	5
610609.43	4206274.03	2.25507	11.25	11.25	0	ANNUAL	LINE	5
610616.43	4206274.03	2.18585	11.17	11.17	0	ANNUAL	LINE	5
610770.43	4206274.03	0.31473	9.09	9.09	0	ANNUAL	LINE	5
610777.43	4206274.03	0.29806	9	9	0	ANNUAL	LINE	5
610784.43	4206274.03	0.28285	9	9	0	ANNUAL	LINE	5
610791.43	4206274.03	0.26889	9	9	0	ANNUAL	LINE	5
610798.43	4206274.03	0.25602	9	9	0	ANNUAL	LINE	5
610805.43	4206274.03	0.24414	9	9	0	ANNUAL	LINE	5
610812.43	4206274.03	0.23313	9	9	0	ANNUAL	LINE	5
610840.43	4206274.03	0.19624	9	9	0	ANNUAL	LINE	5
610847.43	4206274.03	0.18849	9	9	0	ANNUAL	LINE	5
610854.43	4206274.03	0.18122	9	9	0	ANNUAL	LINE	5
610861.43	4206274.03	0.17439	9	9	0	ANNUAL	LINE	5
610868.43	4206274.03	0.16797	9	9	0	ANNUAL	LINE	5
610875.43	4206274.03	0.16192	9	9	0	ANNUAL	LINE	5
610882.43	4206274.03	0.15621	9	9	0	ANNUAL	LINE	5
610889.43	4206274.03	0.15082	9	9	0	ANNUAL	LINE	5
610896.43	4206274.03	0.14572	9	9	0	ANNUAL	LINE	5
610903.43	4206274.03	0.1409	9	9	0	ANNUAL	LINE	5
610910.43	4206274.03	0.13632	9	9	0	ANNUAL	LINE	5
610917.43	4206274.03	0.13198	9	9	0	ANNUAL	LINE	5
610952.43	4206274.03	0.11323	9	9	0	ANNUAL	LINE	5
610959.43	4206274.03	0.10999	9	9	0	ANNUAL	LINE	5
611029.43	4206274.03	0.08427	9	9	0	ANNUAL	LINE	5
611036.43	4206274.03	0.08222	9	9	0	ANNUAL	LINE	5
611043.43	4206274.03	0.08026	9	9	0	ANNUAL	LINE	5
611050.43	4206274.03	0.07837	9	9	0	ANNUAL	LINE	5
611057.43	4206274.03	0.07654	9	9	0	ANNUAL	LINE	5
611064.43	4206274.03	0.07479	9	9	0	ANNUAL	LINE	5
611071.43	4206274.03	0.07309	9	9	0	ANNUAL	LINE	5
610294.43	4206281.03	3.64232	11.41	11.41	0	ANNUAL	LINE	5
610301.43	4206281.03	3.62926	11.51	11.51	0	ANNUAL	LINE	5
610308.43	4206281.03	3.61662	11.6	11.6	0	ANNUAL	LINE	5
610315.43	4206281.03	3.60422	11.7	11.7	0	ANNUAL	LINE	5
610322.43	4206281.03	3.59254	11.79	11.79	0	ANNUAL	LINE	5
610329.43	4206281.03	3.58145	11.89	11.89	0	ANNUAL	LINE	5
610336.43	4206281.03	3.57157	11.98	11.98	0	ANNUAL	LINE	5
610343.43	4206281.03	3.56399	12	12	0	ANNUAL	LINE	5
610350.43	4206281.03	3.55666	12	12	0	ANNUAL	LINE	5
610357.43	4206281.03	3.54887	12	12	0	ANNUAL	LINE	5
610364.43	4206281.03	3.54069	12	12	0	ANNUAL	LINE	5
610371.43	4206281.03	3.53215	12	12	0	ANNUAL	LINE	5
610378.43	4206281.03	3.52325	12	12	0	ANNUAL	LINE	5
610385.43	4206281.03	3.514	12	12	0	ANNUAL	LINE	5
610392.43	4206281.03	3.50444	12	12	0	ANNUAL	LINE	5
610399.43	4206281.03	3.49454	12	12	0	ANNUAL	LINE	5
610406.43	4206281.03	3.48427	12	12	0	ANNUAL	LINE	5
610413.43	4206281.03	3.47362	12	12	0	ANNUAL	LINE	5
610420.43	4206281.03	3.46255	12	12	0	ANNUAL	LINE	5
610427.43	4206281.03	3.45102	12	12	0	ANNUAL	LINE	5
610434.43	4206281.03	3.43892	12	12	0	ANNUAL	LINE	5
610441.43	4206281.03	3.42617	12	12	0	ANNUAL	LINE	5
610448.43	4206281.03	3.41273	12	12	0	ANNUAL	LINE	5
610455.43	4206281.03	3.39867	12	12	0	ANNUAL	LINE	5
610462.43	4206281.03	3.38402	12	12	0	ANNUAL	LINE	5
610469.43	4206281.03	3.36881	12	12	0	ANNUAL	LINE	5
610476.43	4206281.03	3.35306	12	12	0	ANNUAL	LINE	5
610483.43	4206281.03	3.33677	12	12	0	ANNUAL	LINE	5
610497.43	4206281.03	3.30213	11.99	11.99	0	ANNUAL	LINE	5
610504.43	4206281.03	3.28389	11.99	11.99	0	ANNUAL	LINE	5
610511.43	4206281.03	3.26462	11.98	11.98	0	ANNUAL	LINE	5
610518.43	4206281.03	3.24474	11.98	11.98	0	ANNUAL	LINE	5
610525.43	4206281.03	3.22366	11.97	11.97	0	ANNUAL	LINE	5
610532.43	4206281.03	3.20174	11.97	11.97	0	ANNUAL	LINE	5
610539.43	4206281.03	3.17841	11.96	11.96	0	ANNUAL	LINE	5
610546.43	4206281.03	3.15403	11.96	11.96	0	ANNUAL	LINE	5
610553.43	4206281.03	3.12805	11.95	11.95	0	ANNUAL	LINE	5
610560.43	4206281.03	3.09974	11.91	11.91	0	ANNUAL	LINE	5
610567.43	4206281.03	3.0681	11.82	11.82	0	ANNUAL	LINE	5
610574.43	4206281.03	3.0335	11.73	11.73	0	ANNUAL	LINE	5
610581.43	4206281.03	2.99516	11.64	11.64	0	ANNUAL	LINE	5
610588.43	4206281.03	2.95204	11.55	11.55	0	ANNUAL	LINE	5
610595.43	4206281.03	2.90281	11.45	11.45	0	ANNUAL	LINE	5
610602.43	4206281.03	2.84697	11.36	11.36	0	ANNUAL	LINE	5
610609.43	4206281.03	2.78257	11.27	11.27	0	ANNUAL	LINE	5
610615.78	4206280.92	2.70585	11.19	11.19	0	ANNUAL	LINE	5
610770.43	4206281.03	0.34847	9.09	9.09	0	ANNUAL	LINE	5
610777.43	4206281.03	0.32886	9	9	0	ANNUAL	LINE	5
610784.43	4206281.03	0.31106	9	9	0	ANNUAL	LINE	5
610791.43	4206281.03	0.2948	9	9	0	ANNUAL	LINE	5
610798.43	4206281.03	0.27989	9	9	0	ANNUAL	LINE	5
610805.43	4206281.03	0.26618	9	9	0	ANNUAL	LINE	5
610812.43	4206281.03	0.25353	9	9	0	ANNUAL	LINE	5
610840.43	4206281.03	0.21158	9	9	0	ANNUAL	LINE	5
610847.43	4206281.03	0.20284	9	9	0	ANNUAL	LINE	5

610854.43	4206281.03	0.19467	9	9	0	ANNUAL	LINE	5
610861.43	4206281.03	0.18702	9	9	0	ANNUAL	LINE	5
610868.43	4206281.03	0.17985	9	9	0	ANNUAL	LINE	5
610875.43	4206281.03	0.17311	9	9	0	ANNUAL	LINE	5
610882.43	4206281.03	0.16677	9	9	0	ANNUAL	LINE	5
610889.43	4206281.03	0.1608	9	9	0	ANNUAL	LINE	5
610896.43	4206281.03	0.15516	9	9	0	ANNUAL	LINE	5
610903.43	4206281.03	0.14984	9	9	0	ANNUAL	LINE	5
610910.43	4206281.03	0.1448	9	9	0	ANNUAL	LINE	5
610917.43	4206281.03	0.14003	9	9	0	ANNUAL	LINE	5
610924.43	4206281.03	0.1355	9	9	0	ANNUAL	LINE	5
610931.43	4206281.03	0.1312	9	9	0	ANNUAL	LINE	5
610938.43	4206281.03	0.12712	9	9	0	ANNUAL	LINE	5
610945.43	4206281.03	0.12324	9	9	0	ANNUAL	LINE	5
610952.43	4206281.03	0.11954	9	9	0	ANNUAL	LINE	5
610959.43	4206281.03	0.11601	9	9	0	ANNUAL	LINE	5
610966.43	4206281.03	0.11265	9	9	0	ANNUAL	LINE	5
610973.43	4206281.03	0.10944	9	9	0	ANNUAL	LINE	5
610980.43	4206281.03	0.10637	9	9	0	ANNUAL	LINE	5
610987.43	4206281.03	0.10343	9	9	0	ANNUAL	LINE	5
610994.43	4206281.03	0.10062	9	9	0	ANNUAL	LINE	5
611029.43	4206281.03	0.08823	9	9	0	ANNUAL	LINE	5
611036.43	4206281.03	0.08604	9	9	0	ANNUAL	LINE	5
611043.43	4206281.03	0.08393	9	9	0	ANNUAL	LINE	5
611050.43	4206281.03	0.08191	9	9	0	ANNUAL	LINE	5
611057.43	4206281.03	0.07996	9	9	0	ANNUAL	LINE	5
611064.43	4206281.03	0.07808	9	9	0	ANNUAL	LINE	5
611071.43	4206281.03	0.07627	9	9	0	ANNUAL	LINE	5
610294.43	4206288.03	4.58236	11.41	11.41	0	ANNUAL	LINE	5
610301.43	4206288.03	4.56494	11.5	11.5	0	ANNUAL	LINE	5
610308.43	4206288.03	4.54767	11.6	11.6	0	ANNUAL	LINE	5
610315.43	4206288.03	4.53099	11.69	11.69	0	ANNUAL	LINE	5
610322.43	4206288.03	4.51507	11.79	11.79	0	ANNUAL	LINE	5
610329.43	4206288.03	4.50073	11.89	11.89	0	ANNUAL	LINE	5
610336.43	4206288.03	4.48815	11.98	11.98	0	ANNUAL	LINE	5
610343.43	4206288.03	4.47656	12	12	0	ANNUAL	LINE	5
610350.43	4206288.03	4.4648	12	12	0	ANNUAL	LINE	5
610357.43	4206288.03	4.45265	12	12	0	ANNUAL	LINE	5
610364.43	4206288.03	4.44014	12	12	0	ANNUAL	LINE	5
610371.43	4206288.03	4.42729	12	12	0	ANNUAL	LINE	5
610378.43	4206288.03	4.4141	12	12	0	ANNUAL	LINE	5
610385.43	4206288.03	4.40062	12	12	0	ANNUAL	LINE	5
610392.43	4206288.03	4.38684	12	12	0	ANNUAL	LINE	5
610399.43	4206288.03	4.37274	12	12	0	ANNUAL	LINE	5
610406.43	4206288.03	4.35828	12	12	0	ANNUAL	LINE	5
610413.43	4206288.03	4.34349	12	12	0	ANNUAL	LINE	5
610420.43	4206288.03	4.32832	12	12	0	ANNUAL	LINE	5
610427.43	4206288.03	4.31266	12	12	0	ANNUAL	LINE	5
610434.43	4206288.03	4.29634	12	12	0	ANNUAL	LINE	5
610441.43	4206288.03	4.27919	12	12	0	ANNUAL	LINE	5
610448.43	4206288.03	4.26116	12	12	0	ANNUAL	LINE	5
610455.43	4206288.03	4.24231	12	12	0	ANNUAL	LINE	5
610462.43	4206288.03	4.22279	12	12	0	ANNUAL	LINE	5
610469.43	4206288.03	4.20267	12	12	0	ANNUAL	LINE	5
610476.43	4206288.03	4.18205	12	12	0	ANNUAL	LINE	5
610483.43	4206288.03	4.16088	12	12	0	ANNUAL	LINE	5
610497.43	4206288.03	4.11679	12	12	0	ANNUAL	LINE	5
610504.43	4206288.03	4.09373	12	12	0	ANNUAL	LINE	5
610511.43	4206288.03	4.06992	12	12	0	ANNUAL	LINE	5
610518.43	4206288.03	4.04525	12	12	0	ANNUAL	LINE	5
610525.43	4206288.03	4.01962	12	12	0	ANNUAL	LINE	5
610532.43	4206288.03	3.99293	12	12	0	ANNUAL	LINE	5
610539.43	4206288.03	3.96509	12	12	0	ANNUAL	LINE	5
610546.43	4206288.03	3.93603	12	12	0	ANNUAL	LINE	5
610553.43	4206288.03	3.9056	12	12	0	ANNUAL	LINE	5
610560.43	4206288.03	3.87245	11.96	11.96	0	ANNUAL	LINE	5
610567.43	4206288.03	3.83576	11.86	11.86	0	ANNUAL	LINE	5
610574.43	4206288.03	3.79679	11.77	11.77	0	ANNUAL	LINE	5
610581.43	4206288.03	3.75398	11.67	11.67	0	ANNUAL	LINE	5
610588.43	4206288.03	3.7068	11.58	11.58	0	ANNUAL	LINE	5
610595.43	4206288.03	3.6535	11.48	11.48	0	ANNUAL	LINE	5
610603.83	4206287.38	3.4988	11.37	11.37	0	ANNUAL	LINE	5
610609.43	4206288.03	3.52328	11.29	11.29	0	ANNUAL	LINE	5
610615.78	4206287.92	3.43704	11.2	11.2	0	ANNUAL	LINE	5
610770.43	4206288.03	0.38688	9.09	9.09	0	ANNUAL	LINE	5
610777.43	4206288.03	0.36363	9	9	0	ANNUAL	LINE	5
610784.43	4206288.03	0.34268	9	9	0	ANNUAL	LINE	5
610791.43	4206288.03	0.32366	9	9	0	ANNUAL	LINE	5
610798.43	4206288.03	0.30632	9	9	0	ANNUAL	LINE	5
610805.43	4206288.03	0.29047	9	9	0	ANNUAL	LINE	5
610812.43	4206288.03	0.27592	9	9	0	ANNUAL	LINE	5
610840.43	4206288.03	0.22817	9	9	0	ANNUAL	LINE	5
610847.43	4206288.03	0.21832	9	9	0	ANNUAL	LINE	5
610854.43	4206288.03	0.20915	9	9	0	ANNUAL	LINE	5
610861.43	4206288.03	0.20059	9	9	0	ANNUAL	LINE	5
610868.43	4206288.03	0.19258	9	9	0	ANNUAL	LINE	5
610875.43	4206288.03	0.18508	9	9	0	ANNUAL	LINE	5
610882.43	4206288.03	0.17804	9	9	0	ANNUAL	LINE	5
610889.43	4206288.03	0.17143	9	9	0	ANNUAL	LINE	5
610896.43	4206288.03	0.1652	9	9	0	ANNUAL	LINE	5
610903.43	4206288.03	0.15933	9	9	0	ANNUAL	LINE	5
610910.43	4206288.03	0.15379	9	9	0	ANNUAL	LINE	5
610917.43	4206288.03	0.14855	9	9	0	ANNUAL	LINE	5
610924.43	4206288.03	0.14359	9	9	0	ANNUAL	LINE	5
610931.43	4206288.03	0.13889	9	9	0	ANNUAL	LINE	5
610938.43	4206288.03	0.13444	9	9	0	ANNUAL	LINE	5
610945.43	4206288.03	0.1302	9	9	0	ANNUAL	LINE	5
610952.43	4206288.03	0.12618	9	9	0	ANNUAL	LINE	5
610959.43	4206288.03	0.12235	9	9	0	ANNUAL	LINE	5
610966.43	4206288.03	0.1187	9	9	0	ANNUAL	LINE	5
610973.43	4206288.03	0.11522	9	9	0	ANNUAL	LINE	5
610980.43	4206288.03	0.1119	9	9	0	ANNUAL	LINE	5
610987.43	4206288.03	0.10873	9	9	0	ANNUAL	LINE	5
610994.43	4206288.03	0.1057	9	9	0	ANNUAL	LINE	5
611001.43	4206288.03	0.1028	9	9	0	ANNUAL	LINE	5
611008.43	4206288.03	0.10003	9	9	0	ANNUAL	LINE	5
611036.43	4206288.03	0.09002	9	9	0	ANNUAL	LINE	5
611043.43	4206288.03	0.08777	9	9	0	ANNUAL	LINE	5
611050.43	4206288.03	0.0856	9	9	0	ANNUAL	LINE	5
611057.43	4206288.03	0.08352	9	9	0	ANNUAL	LINE	5
611064.43	4206288.03	0.08151	9	9	0	ANNUAL	LINE	5
611071.43	4206288.03	0.07958	9	9	0	ANNUAL	LINE	5
611078.43	4206288.03	0.07772	9	9	0	ANNUAL	LINE	5
611085.43	4206288.03	0.07593	9	9	0	ANNUAL	LINE	5
611092.43	4206288.03	0.0742	9	9	0	ANNUAL	LINE	5
610294.43	4206295.03	6.00505	11.41	11.41	0	ANNUAL	LINE	5
610301.43	4206295.03	5.97985	11.5	11.5	0	ANNUAL	LINE	5
610308.43	4206295.03	5.95591	11.6	11.6	0	ANNUAL	LINE	5
610315.43	4206295.03	5.933	11.7	11.7	0	ANNUAL	LINE	5
610322.43	4206295.03	5.90932	11.79	11.79	0	ANNUAL	LINE	5
610329.43	4206295.03	5.89025	11.89	11.89	0	ANNUAL	LINE	5
610336.43	4206295.03	5.87475	11.98	11.98	0	ANNUAL	LINE	5
610343.43	4206295.03	5.85666	12	12	0	ANNUAL	LINE	5
610350.43	4206295.03	5.83724	12	12	0	ANNUAL	LINE	5
610357.43	4206295.03	5.81746	12	12	0	ANNUAL	LINE	5
610364.43	4206295.03	5.79733	12	12	0	ANNUAL	LINE	5
610371.43	4206295.03	5.77693	12	12	0	ANNUAL	LINE	5
610378.43	4206295.03	5.75635	12	12	0	ANNUAL	LINE	5
610385.43	4206295.03	5.73558	12	12	0	ANNUAL	LINE	5
610392.43	4206295.03	5.71456	12	12	0	ANNUAL	LINE	5
610399.43	4206295.03	5.69321	12	12	0	ANNUAL	LINE	5
610406.43	4206295.03	5.6716	12	12	0	ANNUAL	LINE	5
610413.43	4206295.03	5.64978	12	12	0	ANNUAL	LINE	5
610420.43	4206295.03	5.62765	12	12	0	ANNUAL	LINE	5
610427.43	4206295.03	5.60506	12	12	0	ANNUAL	LINE	5
610434.43	4206295.03	5.5817	12	12	0	ANNUAL	LINE	5
610441.43	4206295.03	5.55726	12	12	0	ANNUAL	LINE	5
610448.43	4206295.03	5.5315	12	12	0	ANNUAL	LINE	5
610455.43	4206295.03	5.50459	12	12	0	ANNUAL	LINE	5
610462.43	4206295.03	5.47679	12	12	0	ANNUAL	LINE	5
610469.43	4206295.03	5.44835	12	12	0	ANNUAL	LINE	5
610476.43	4206295.03	5.41943	12	12	0	ANNUAL	LINE	5
610483.43	4206295.03	5.39	12	12	0	ANNUAL	LINE	5
610497.43	4206295.03	5.32943	12	12	0	ANNUAL	LINE	5
610504.43	4206295.03	5.29815	12	12	0	ANNUAL	LINE	5
610511.43	4206295.03	5.26621	12	12	0	ANNUAL	LINE	5
610518.43	4206295.03	5.23349	12	12	0	ANNUAL	LINE	5
610525.43	4206295.03	5.19985	12	12	0	ANNUAL	LINE	5
610532.43	4206295.03	5.16514	12	12	0	ANNUAL	LINE	5
610539.43	4206295.03	5.12934	12	12	0	ANNUAL	LINE	5
610546.43	4206295.03	5.09238	12	12	0	ANNUAL	LINE	5
610553.43	4206295.03	5.05406	12	12	0	ANNUAL	LINE	5
610560.43	4206295.03	5.01202	11.96	11.96	0	ANNUAL	LINE	5
610567.43	4206295.03	4.96648	11.86	11.86	0	ANNUAL	LINE	5
610574.43	4206295.03	4.91971	11.77	11.77	0	ANNUAL	LINE	5
610581.43	4206295.03	4.86949	11.67	11.67	0	ANNUAL	LINE	5
610588.43	4206295.03	4.81484	11.57	11.57	0	ANNUAL	LINE	5
610595.43	4206295.03	4.75558	11.48	11.48	0	ANNUAL	LINE	5
610603.83	4206294.38	4.55165	11.36	11.36	0	ANNUAL	LINE	5
610609.43	4206295.03	4.63099	11.29	11.29	0	ANNUAL	LINE	5
610615.78	4206294.92	4.51087	11.2	11.2	0	ANNUAL	LINE	5
610770.43	4206295.03	0.43	9.16	9.16	0	ANNUAL	LINE	5
610777.43	4206295.03	0.40239	9.07	9.07	0	ANNUAL	LINE	5
610784.43	4206295.03	0.37769	9.06	9.06	0	ANNUAL	LINE	5
610791.43	4206295.03	0.35542	9.05	9.05	0	ANNUAL	LINE	5
610798.43	4206295.03	0.33527	9.05	9.05	0	ANNUAL	LINE	5
610805.43	4206295.03	0.31695	9.04	9.04	0	ANNUAL	LINE	5
610812.43	4206295.03	0.30023	9.03	9.03	0	ANNUAL	LINE	5
610840.43	4206295.03	0.24596	9.01	9.01	0	ANNUAL	LINE	5
610847.43	4206295.03	0.23488	9	9	0	ANNUAL	LINE	5
610854.43	4206295.03	0.2246	9	9	0	ANNUAL	LINE	5
610861.43	4206295.03	0.21504	9	9	0	ANNUAL	LINE	5
610868.43	4206295.03	0.20612	9	9	0	ANNUAL	LINE	5
610875.43	4206295.03	0.19779	9	9	0	ANNUAL	LINE	5
610882.43	4206295.03	0.18999	9	9	0	ANNUAL	LINE	5
610889.43	4206295.03	0.18268	9	9	0	ANNUAL	LINE	5
610896.43	4206295.03	0.17582	9	9	0	ANNUAL	LINE	5
610903.43	4206295.03	0.16936	9	9	0	ANNUAL	LINE	5
610910.43	4206295.03	0.16328	9	9	0	ANNUAL	LINE	5
610917.43	4206295.03	0.15754	9	9	0	ANNUAL	LINE	5
610924.43	4206295.03	0.15211	9	9	0	ANNUAL	LINE	5
610931.43	4206295.03	0.14699	9	9	0	ANNUAL	LINE	5
610938.43	4206295.03	0.14213	9	9	0	ANNUAL	LINE	5
610945.43	4206295.03	0.13752	9	9	0	ANNUAL	LINE	5
610952.43	4206295.03	0.13315	9	9	0	ANNUAL	LINE	5
610959.43	4206295.03	0.12899	9	9	0	ANNUAL	LINE	5
610966.43	4206295.03	0.12504	9	9	0	ANNUAL	LINE	5
610973.43	4206295.03	0.12128	9	9	0	ANNUAL	LINE	5
610980.43	4206295.03	0.11769	9	9	0	ANNUAL	LINE	5
610987.43	4206295.03	0.11427	9	9	0	ANNUAL	LINE	5
610994.43	4206295.03	0.11101	9	9	0	ANNUAL	LINE	5
611001.43	4206295.03	0.10788	9	9	0	ANNUAL	LINE	5
611008.43	4206295.03	0.1049	9	9	0	ANNUAL	LINE	5
611036.43	4206295.03	0.09417	9	9	0	ANNUAL	LINE	5
611043.43	4206295.03	0.09176	9	9	0	ANNUAL	LINE	5
611050.43	4206295.03	0.08944	9	9	0	ANNUAL	LINE	5
611057.43	4206295.03	0.08722	9	9	0	ANNUAL	LINE	5
611064.43	4206295.03	0.08508	9	9	0	ANNUAL	LINE	5
611071.43	4206295.03	0.08302	9	9	0	ANNUAL	LINE	5
611078.43	4206295.03	0.08104	9	9	0	ANNUAL	LINE	5
611085.43	4206295.03	0.07913	9	9	0	ANNUAL	LINE	5
611092.43	4206295.03	0.07729	9	9	0	ANNUAL	LINE	5
610294.43	4206302.03	8.15116	11.41	11.41	0	ANNUAL	LINE	5
610301.43	4206302.03	8.11719	11.51	11.51	0	ANNUAL	LINE	5
610308.43	4206302.03	8.08301	11.6	11.6	0	ANNUAL	LINE	5
610315.43	4206302.03	8.05492	11.7	11.7	0	ANNUAL	LINE	5
610322.43	4206302.03	8.01954	11.79	11.79	0	ANNUAL	LINE	5
610329.43	4206302.03	7.9954	11.89	11.89	0	ANNUAL	LINE	5
610336.43	4206302.03	7.98155	11.98	11.98	0	ANNUAL	LINE	5
610343.43	4206302.03	7.95668	12	12	0	ANNUAL	LINE	5
610350.43	4206302.03	7.92788	12	12	0	ANNUAL	LINE	5

610357.43	4206302.03	7.89748	12	12	0	ANNUAL	LINE	5
610364.43	4206302.03	7.86542	12	12	0	ANNUAL	LINE	5
610371.43	4206302.03	7.83388	12	12	0	ANNUAL	LINE	5
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610385.43	4206302.03	7.77336	12	12	0	ANNUAL	LINE	5
610392.43	4206302.03	7.7414	12	12	0	ANNUAL	LINE	5
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610406.43	4206302.03	7.67724	12	12	0	ANNUAL	LINE	5
610413.43	4206302.03	7.64622	12	12	0	ANNUAL	LINE	5
610420.43	4206302.03	7.61425	12	12	0	ANNUAL	LINE	5
610427.43	4206302.03	7.58083	12	12	0	ANNUAL	LINE	5
610434.43	4206302.03	7.54721	12	12	0	ANNUAL	LINE	5
610441.43	4206302.03	7.51317	12	12	0	ANNUAL	LINE	5
610448.43	4206302.03	7.47706	12	12	0	ANNUAL	LINE	5
610455.43	4206302.03	7.43807	12	12	0	ANNUAL	LINE	5
610462.43	4206302.03	7.3976	12	12	0	ANNUAL	LINE	5
610469.43	4206302.03	7.357	12	12	0	ANNUAL	LINE	5
610476.43	4206302.03	7.3163	12	12	0	ANNUAL	LINE	5
610483.43	4206302.03	7.27451	12	12	0	ANNUAL	LINE	5
610525.75	4206298.14	5.90769	12	12	0	ANNUAL	LINE	5
610532.75	4206298.14	5.86788	12	12	0	ANNUAL	LINE	5
610539.75	4206298.14	5.82709	12	12	0	ANNUAL	LINE	5
610770.43	4206302.03	0.47736	9.23	9.23	0	ANNUAL	LINE	5
610777.43	4206302.03	0.4447	9.14	9.14	0	ANNUAL	LINE	5
610784.43	4206302.03	0.41572	9.13	9.13	0	ANNUAL	LINE	5
610791.43	4206302.03	0.38979	9.11	9.11	0	ANNUAL	LINE	5
610798.43	4206302.03	0.36647	9.1	9.1	0	ANNUAL	LINE	5
610805.43	4206302.03	0.3454	9.09	9.09	0	ANNUAL	LINE	5
610812.43	4206302.03	0.32627	9.07	9.07	0	ANNUAL	LINE	5
610840.43	4206302.03	0.26486	9.02	9.02	0	ANNUAL	LINE	5
610847.43	4206302.03	0.25244	9	9	0	ANNUAL	LINE	5
610854.43	4206302.03	0.24097	9	9	0	ANNUAL	LINE	5
610861.43	4206302.03	0.23032	9	9	0	ANNUAL	LINE	5
610868.43	4206302.03	0.22042	9	9	0	ANNUAL	LINE	5
610875.43	4206302.03	0.21119	9	9	0	ANNUAL	LINE	5
610882.43	4206302.03	0.20258	9	9	0	ANNUAL	LINE	5
610889.43	4206302.03	0.19453	9	9	0	ANNUAL	LINE	5
610896.43	4206302.03	0.18698	9	9	0	ANNUAL	LINE	5
610903.43	4206302.03	0.17989	9	9	0	ANNUAL	LINE	5
610910.43	4206302.03	0.17323	9	9	0	ANNUAL	LINE	5
610917.43	4206302.03	0.16696	9	9	0	ANNUAL	LINE	5
610924.43	4206302.03	0.16104	9	9	0	ANNUAL	LINE	5
610931.43	4206302.03	0.15545	9	9	0	ANNUAL	LINE	5
610938.43	4206302.03	0.15017	9	9	0	ANNUAL	LINE	5
610945.43	4206302.03	0.14517	9	9	0	ANNUAL	LINE	5
610952.43	4206302.03	0.14043	9	9	0	ANNUAL	LINE	5
610959.43	4206302.03	0.13593	9	9	0	ANNUAL	LINE	5
610966.43	4206302.03	0.13166	9	9	0	ANNUAL	LINE	5
610973.43	4206302.03	0.12759	9	9	0	ANNUAL	LINE	5
610980.43	4206302.03	0.12373	9	9	0	ANNUAL	LINE	5
610987.43	4206302.03	0.12004	9	9	0	ANNUAL	LINE	5
610994.43	4206302.03	0.11653	9	9	0	ANNUAL	LINE	5
611001.43	4206302.03	0.11317	9	9	0	ANNUAL	LINE	5
611008.43	4206302.03	0.10997	9	9	0	ANNUAL	LINE	5
611036.43	4206302.03	0.09848	9	9	0	ANNUAL	LINE	5
611043.43	4206302.03	0.0959	9	9	0	ANNUAL	LINE	5
611050.43	4206302.03	0.09343	9	9	0	ANNUAL	LINE	5
611057.43	4206302.03	0.09106	9	9	0	ANNUAL	LINE	5
611064.43	4206302.03	0.08878	9	9	0	ANNUAL	LINE	5
611071.43	4206302.03	0.08658	9	9	0	ANNUAL	LINE	5
611078.43	4206302.03	0.08447	9	9	0	ANNUAL	LINE	5
611085.43	4206302.03	0.08244	9	9	0	ANNUAL	LINE	5
611092.43	4206302.03	0.08049	9	9	0	ANNUAL	LINE	5
610770.43	4206309.03	0.52808	9.31	9.31	0	ANNUAL	LINE	5
610777.43	4206309.03	0.48987	9.22	9.22	0	ANNUAL	LINE	5
610784.43	4206309.03	0.4562	9.2	9.2	0	ANNUAL	LINE	5
610791.43	4206309.03	0.42627	9.17	9.17	0	ANNUAL	LINE	5
610798.43	4206309.03	0.39952	9.15	9.15	0	ANNUAL	LINE	5
610805.43	4206309.03	0.37548	9.13	9.13	0	ANNUAL	LINE	5
610812.43	4206309.03	0.35376	9.11	9.11	0	ANNUAL	LINE	5
610840.43	4206309.03	0.2847	9.03	9.03	0	ANNUAL	LINE	5
610847.43	4206309.03	0.27087	9.01	9.01	0	ANNUAL	LINE	5
610854.43	4206309.03	0.25812	9	9	0	ANNUAL	LINE	5
610861.43	4206309.03	0.24632	9	9	0	ANNUAL	LINE	5
610868.43	4206309.03	0.23538	9	9	0	ANNUAL	LINE	5
610875.43	4206309.03	0.22521	9	9	0	ANNUAL	LINE	5
610882.43	4206309.03	0.21574	9	9	0	ANNUAL	LINE	5
610889.43	4206309.03	0.2069	9	9	0	ANNUAL	LINE	5
610896.43	4206309.03	0.19863	9	9	0	ANNUAL	LINE	5
610903.43	4206309.03	0.19088	9	9	0	ANNUAL	LINE	5
610910.43	4206309.03	0.18361	9	9	0	ANNUAL	LINE	5
610917.43	4206309.03	0.17677	9	9	0	ANNUAL	LINE	5
610924.43	4206309.03	0.17034	9	9	0	ANNUAL	LINE	5
610931.43	4206309.03	0.16427	9	9	0	ANNUAL	LINE	5
610938.43	4206309.03	0.15854	9	9	0	ANNUAL	LINE	5
610945.43	4206309.03	0.15313	9	9	0	ANNUAL	LINE	5
610952.43	4206309.03	0.148	9	9	0	ANNUAL	LINE	5
610959.43	4206309.03	0.14314	9	9	0	ANNUAL	LINE	5
610966.43	4206309.03	0.13853	9	9	0	ANNUAL	LINE	5
610973.43	4206309.03	0.13415	9	9	0	ANNUAL	LINE	5
610980.43	4206309.03	0.12999	9	9	0	ANNUAL	LINE	5
610987.43	4206309.03	0.12603	9	9	0	ANNUAL	LINE	5
610994.43	4206309.03	0.12226	9	9	0	ANNUAL	LINE	5
611001.43	4206309.03	0.11866	9	9	0	ANNUAL	LINE	5
611008.43	4206309.03	0.11523	9	9	0	ANNUAL	LINE	5
611036.43	4206309.03	0.10294	9	9	0	ANNUAL	LINE	5
611043.43	4206309.03	0.10019	9	9	0	ANNUAL	LINE	5
611050.43	4206309.03	0.09756	9	9	0	ANNUAL	LINE	5
611057.43	4206309.03	0.09503	9	9	0	ANNUAL	LINE	5
611064.43	4206309.03	0.0926	9	9	0	ANNUAL	LINE	5
611071.43	4206309.03	0.09027	9	9	0	ANNUAL	LINE	5
611078.43	4206309.03	0.08803	9	9	0	ANNUAL	LINE	5
611085.43	4206309.03	0.08587	9	9	0	ANNUAL	LINE	5
611092.43	4206309.03	0.0838	9	9	0	ANNUAL	LINE	5
610294.43	4206330.03	8.79494	11.41	11.41	0	ANNUAL	LINE	5
610301.43	4206330.03	8.77188	11.51	11.51	0	ANNUAL	LINE	5
610308.43	4206330.03	8.80962	11.61	11.61	0	ANNUAL	LINE	5
610315.43	4206330.03	8.84819	11.7	11.7	0	ANNUAL	LINE	5
610322.43	4206330.03	8.88719	11.8	11.8	0	ANNUAL	LINE	5
610329.43	4206330.03	8.92481	11.89	11.89	0	ANNUAL	LINE	5
610336.43	4206330.03	8.96678	11.99	11.99	0	ANNUAL	LINE	5
610343.43	4206330.03	8.99749	12	12	0	ANNUAL	LINE	5
610350.43	4206330.03	9.02931	12	12	0	ANNUAL	LINE	5
610357.43	4206330.03	9.0603	12	12	0	ANNUAL	LINE	5
610364.43	4206330.03	9.0887	12	12	0	ANNUAL	LINE	5
610371.43	4206330.03	9.11781	12	12	0	ANNUAL	LINE	5
610378.43	4206330.03	9.1511	12	12	0	ANNUAL	LINE	5
610385.43	4206330.03	9.18627	12	12	0	ANNUAL	LINE	5
610392.43	4206330.03	9.21866	12	12	0	ANNUAL	LINE	5
610399.43	4206330.03	9.24901	12	12	0	ANNUAL	LINE	5
610406.43	4206330.03	9.28207	12	12	0	ANNUAL	LINE	5
610413.43	4206330.03	9.3189	12	12	0	ANNUAL	LINE	5
610420.43	4206330.03	9.35461	12	12	0	ANNUAL	LINE	5
610427.43	4206330.03	9.38649	12	12	0	ANNUAL	LINE	5
610434.43	4206330.03	9.41855	12	12	0	ANNUAL	LINE	5
610441.43	4206330.03	9.45587	12	12	0	ANNUAL	LINE	5
610448.43	4206330.03	9.4966	12	12	0	ANNUAL	LINE	5
610455.43	4206330.03	9.53586	12	12	0	ANNUAL	LINE	5
610462.43	4206330.03	9.57424	12	12	0	ANNUAL	LINE	5
610469.43	4206330.03	9.61697	12	12	0	ANNUAL	LINE	5
610476.43	4206330.03	9.6651	12	12	0	ANNUAL	LINE	5
610497.43	4206330.03	9.793	12	12	0	ANNUAL	LINE	5
610504.43	4206330.03	9.8383	12	12	0	ANNUAL	LINE	5
610511.43	4206330.03	9.88626	12	12	0	ANNUAL	LINE	5
610518.43	4206330.03	9.92813	12	12	0	ANNUAL	LINE	5
610525.43	4206330.03	9.96438	12	12	0	ANNUAL	LINE	5
610532.43	4206330.03	10.00306	12	12	0	ANNUAL	LINE	5
610539.43	4206330.03	10.04732	12	12	0	ANNUAL	LINE	5
610546.43	4206330.03	10.08923	12	12	0	ANNUAL	LINE	5
610553.43	4206330.03	10.12213	12	12	0	ANNUAL	LINE	5
610560.43	4206330.03	10.12626	11.95	11.95	0	ANNUAL	LINE	5
610567.43	4206330.03	10.12874	11.85	11.85	0	ANNUAL	LINE	5
610574.43	4206330.03	10.15217	11.76	11.76	0	ANNUAL	LINE	5
610581.43	4206330.03	10.17012	11.66	11.66	0	ANNUAL	LINE	5
610588.43	4206330.03	10.18987	11.57	11.57	0	ANNUAL	LINE	5
610595.43	4206330.03	10.20717	11.47	11.47	0	ANNUAL	LINE	5
610602.43	4206330.03	10.22923	11.38	11.38	0	ANNUAL	LINE	5
610609.43	4206330.03	10.23429	11.28	11.28	0	ANNUAL	LINE	5
610616.43	4206330.03	10.22813	11.19	11.19	0	ANNUAL	LINE	5
610623.43	4206330.03	10.20278	11.09	11.09	0	ANNUAL	LINE	5
610630.43	4206330.03	10.16843	11	11	0	ANNUAL	LINE	5
610637.43	4206330.03	10.12434	10.95	10.95	0	ANNUAL	LINE	5
610644.43	4206330.03	9.99652	10.89	10.89	0	ANNUAL	LINE	5
610294.43	4206337.03	6.61824	11.42	11.42	0	ANNUAL	LINE	5
610301.43	4206337.03	6.64458	11.51	11.51	0	ANNUAL	LINE	5
610308.43	4206337.03	6.67285	11.61	11.61	0	ANNUAL	LINE	5
610315.43	4206337.03	6.69944	11.7	11.7	0	ANNUAL	LINE	5
610322.43	4206337.03	6.7264	11.8	11.8	0	ANNUAL	LINE	5
610329.43	4206337.03	6.75215	11.89	11.89	0	ANNUAL	LINE	5
610336.43	4206337.03	6.7799	11.99	11.99	0	ANNUAL	LINE	5
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610350.43	4206337.03	6.81293	12	12	0	ANNUAL	LINE	5
610357.43	4206337.03	6.8292	12	12	0	ANNUAL	LINE	5
610364.43	4206337.03	6.8461	12	12	0	ANNUAL	LINE	5
610371.43	4206337.03	6.8641	12	12	0	ANNUAL	LINE	5
610378.43	4206337.03	6.88327	12	12	0	ANNUAL	LINE	5
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610399.43	4206337.03	6.94371	12	12	0	ANNUAL	LINE	5
610406.43	4206337.03	6.96495	12	12	0	ANNUAL	LINE	5
610413.43	4206337.03	6.98662	12	12	0	ANNUAL	LINE	5
610420.43	4206337.03	7.00822	12	12	0	ANNUAL	LINE	5
610427.43	4206337.03	7.02983	12	12	0	ANNUAL	LINE	5
610434.43	4206337.03	7.05207	12	12	0	ANNUAL	LINE	5
610441.43	4206337.03	7.07522	12	12	0	ANNUAL	LINE	5
610448.43	4206337.03	7.09901	12	12	0	ANNUAL	LINE	5
610455.43	4206337.03	7.1235	12	12	0	ANNUAL	LINE	5
610462.43	4206337.03	7.14935	12	12	0	ANNUAL	LINE	5
610469.43	4206337.03	7.17682	12	12	0	ANNUAL	LINE	5
610476.43	4206337.03	7.20522	12	12	0	ANNUAL	LINE	5
610497.43	4206337.03	7.28891	12	12	0	ANNUAL	LINE	5
610504.43	4206337.03	7.31706	12	12	0	ANNUAL	LINE	5
610511.43	4206337.03	7.34469	12	12	0	ANNUAL	LINE	5
610518.43	4206337.03	7.37106	12	12	0	ANNUAL	LINE	5
610525.43	4206337.03	7.39661	12	12	0	ANNUAL	LINE	5
610532.43	4206337.03	7.42206	12	12	0	ANNUAL	LINE	5
610539.43	4206337.03	7.44696	12	12	0	ANNUAL	LINE	5
610546.43	4206337.03	7.47022	12	12	0	ANNUAL	LINE	5
610553.43	4206337.03	7.4915	12	12	0	ANNUAL	LINE	5
610560.43	4206337.03	7.50327	11.95	11.95	0	ANNUAL	LINE	5
610567.43	4206337.03	7.51011	11.85	11.85	0	ANNUAL	LINE	5
610574.43	4206337.03	7.52091	11.76	11.76	0	ANNUAL	LINE	5
610581.43	4206337.03	7.53064	11.66	11.66	0	ANNUAL	LINE	5
610588.43	4206337.03	7.54143	11.57	11.57	0	ANNUAL	LINE	5
610595.43	4206337.03	7.54876	11.47	11.47	0	ANNUAL	LINE	5
610602.43	4206337.03	7.55324	11.38	11.38	0	ANNUAL	LINE	5
610609.43	4206337.03	7.54741	11.28	11.28	0	ANNUAL	LINE	5
610616.43	4206337.03	7.53086	11.18	11.18	0	ANNUAL	LINE	5
610623.43	4206337.03	7.50462	11.09	11.09	0	ANNUAL	LINE	5
610630.43	4206337.03	7.45992	11	11	0	ANNUAL	LINE	5
610637.43	4206337.03	7.39442	10.95	10.95	0	ANNUAL	LINE	5
610644.43	4206337.03	7.28074	10.91	10.91	0	ANNUAL	LINE	5
610651.43	4206337.03	7.08395	10.87	10.87	0	ANNUAL	LINE	5
610658.43	4206337.03	6.77224	10.82	10.82	0	ANNUAL	LINE	5
610665.43	4206337.03	6.33355	10.78	10.78	0	ANNUAL	LINE	5
610672.43	4206337.03	5.64432	10.73	10.73	0	ANNUAL	LINE	5
610679.43	4206337.03	4.74095	10.69	10.69	0	ANNUAL	LINE	5
610686.43	4206337.03	3.85999	10.64	10.64	0	ANNUAL	LINE	5
610294.43	4206344.03	5.23918	11.42	11.42	0	ANNUAL	LINE	5
610301.43	4206344.03	5.25896	11.51	11.51	0	ANNUAL	LINE	5
610308.43	4206344.03	5.28026	11.61	11.61	0	ANNUAL	LINE	5

610315.43	4206344.03	5.2997	11.7	11.7	0	ANNUAL	LINE	5
610322.43	4206344.03	5.31976	11.8	11.8	0	ANNUAL	LINE	5
610329.43	4206344.03	5.3392	11.9	11.9	0	ANNUAL	LINE	5
610336.43	4206344.03	5.35681	11.99	11.99	0	ANNUAL	LINE	5
610343.43	4206344.03	5.36493	12	12	0	ANNUAL	LINE	5
610350.43	4206344.03	5.37201	12	12	0	ANNUAL	LINE	5
610357.43	4206344.03	5.37954	12	12	0	ANNUAL	LINE	5
610364.43	4206344.03	5.38786	12	12	0	ANNUAL	LINE	5
610371.43	4206344.03	5.39723	12	12	0	ANNUAL	LINE	5
610378.43	4206344.03	5.40753	12	12	0	ANNUAL	LINE	5
610385.43	4206344.03	5.41859	12	12	0	ANNUAL	LINE	5
610392.43	4206344.03	5.43025	12	12	0	ANNUAL	LINE	5
610399.43	4206344.03	5.44239	12	12	0	ANNUAL	LINE	5
610406.43	4206344.03	5.45491	12	12	0	ANNUAL	LINE	5
610413.43	4206344.03	5.46772	12	12	0	ANNUAL	LINE	5
610420.43	4206344.03	5.48075	12	12	0	ANNUAL	LINE	5
610427.43	4206344.03	5.49403	12	12	0	ANNUAL	LINE	5
610434.43	4206344.03	5.50756	12	12	0	ANNUAL	LINE	5
610441.43	4206344.03	5.52141	12	12	0	ANNUAL	LINE	5
610448.43	4206344.03	5.5356	12	12	0	ANNUAL	LINE	5
610455.43	4206344.03	5.5503	12	12	0	ANNUAL	LINE	5
610462.43	4206344.03	5.56564	12	12	0	ANNUAL	LINE	5
610469.43	4206344.03	5.58159	12	12	0	ANNUAL	LINE	5
610476.43	4206344.03	5.59796	12	12	0	ANNUAL	LINE	5
610497.43	4206344.03	5.6472	12	12	0	ANNUAL	LINE	5
610504.43	4206344.03	5.66316	12	12	0	ANNUAL	LINE	5
610511.43	4206344.03	5.6787	12	12	0	ANNUAL	LINE	5
610518.43	4206344.03	5.69361	12	12	0	ANNUAL	LINE	5
610525.43	4206344.03	5.70786	12	12	0	ANNUAL	LINE	5
610532.43	4206344.03	5.7213	12	12	0	ANNUAL	LINE	5
610539.43	4206344.03	5.73377	12	12	0	ANNUAL	LINE	5
610546.43	4206344.03	5.74508	12	12	0	ANNUAL	LINE	5
610553.43	4206344.03	5.75505	12	12	0	ANNUAL	LINE	5
610560.43	4206344.03	5.76088	11.95	11.95	0	ANNUAL	LINE	5
610567.43	4206344.03	5.76372	11.85	11.85	0	ANNUAL	LINE	5
610574.43	4206344.03	5.76642	11.76	11.76	0	ANNUAL	LINE	5
610581.43	4206344.03	5.76777	11.66	11.66	0	ANNUAL	LINE	5
610588.43	4206344.03	5.76823	11.57	11.57	0	ANNUAL	LINE	5
610595.43	4206344.03	5.76528	11.47	11.47	0	ANNUAL	LINE	5
610602.43	4206344.03	5.75751	11.37	11.37	0	ANNUAL	LINE	5
610609.43	4206344.03	5.74389	11.28	11.28	0	ANNUAL	LINE	5
610616.43	4206344.03	5.72073	11.18	11.18	0	ANNUAL	LINE	5
610623.43	4206344.03	5.6873	11.09	11.09	0	ANNUAL	LINE	5
610630.43	4206344.03	5.63829	11	11	0	ANNUAL	LINE	5
610637.43	4206344.03	5.57219	10.96	10.96	0	ANNUAL	LINE	5
610644.43	4206344.03	5.47373	10.92	10.92	0	ANNUAL	LINE	5
610651.43	4206344.03	5.33029	10.89	10.89	0	ANNUAL	LINE	5
610658.43	4206344.03	5.12691	10.85	10.85	0	ANNUAL	LINE	5
610665.43	4206344.03	4.85815	10.81	10.81	0	ANNUAL	LINE	5
610672.43	4206344.03	4.49268	10.78	10.78	0	ANNUAL	LINE	5
610679.43	4206344.03	4.00396	10.74	10.74	0	ANNUAL	LINE	5
610686.43	4206344.03	3.4625	10.7	10.7	0	ANNUAL	LINE	5
610693.43	4206344.03	2.95223	10.66	10.66	0	ANNUAL	LINE	5
610700.43	4206344.03	2.51399	10.62	10.62	0	ANNUAL	LINE	5
610707.43	4206344.03	2.15321	10.55	10.55	0	ANNUAL	LINE	5
610714.43	4206344.03	1.86086	10.45	10.45	0	ANNUAL	LINE	5
610721.43	4206344.03	1.62422	10.36	10.36	0	ANNUAL	LINE	5
610728.43	4206344.03	1.43101	10.26	10.26	0	ANNUAL	LINE	5
610735.43	4206344.03	1.27141	10.16	10.16	0	ANNUAL	LINE	5
610742.43	4206344.03	1.13805	10.07	10.07	0	ANNUAL	LINE	5
610749.43	4206344.03	1.02548	9.97	9.97	0	ANNUAL	LINE	5
610756.43	4206344.03	0.92964	9.87	9.87	0	ANNUAL	LINE	5
610763.43	4206344.03	0.84718	9.78	9.78	0	ANNUAL	LINE	5
610770.43	4206344.03	0.77616	9.68	9.68	0	ANNUAL	LINE	5
610777.43	4206344.03	0.71411	9.59	9.59	0	ANNUAL	LINE	5
610784.43	4206344.03	0.65968	9.53	9.53	0	ANNUAL	LINE	5
610791.43	4206344.03	0.61163	9.47	9.47	0	ANNUAL	LINE	5
610798.43	4206344.03	0.56897	9.42	9.42	0	ANNUAL	LINE	5
610805.43	4206344.03	0.53089	9.36	9.36	0	ANNUAL	LINE	5
610812.43	4206344.03	0.49673	9.3	9.3	0	ANNUAL	LINE	5
610833.43	4206344.03	0.4129	9.13	9.13	0	ANNUAL	LINE	5
610840.43	4206344.03	0.38989	9.07	9.07	0	ANNUAL	LINE	5
610847.43	4206344.03	0.36886	9.02	9.02	0	ANNUAL	LINE	5
610854.43	4206344.03	0.3496	9	9	0	ANNUAL	LINE	5
610861.43	4206344.03	0.3319	9	9	0	ANNUAL	LINE	5
610868.43	4206344.03	0.31557	9	9	0	ANNUAL	LINE	5
610875.43	4206344.03	0.30049	9	9	0	ANNUAL	LINE	5
610882.43	4206344.03	0.28652	9	9	0	ANNUAL	LINE	5
610889.43	4206344.03	0.27355	9	9	0	ANNUAL	LINE	5
610896.43	4206344.03	0.26149	9	9	0	ANNUAL	LINE	5
610903.43	4206344.03	0.25024	9	9	0	ANNUAL	LINE	5
610910.43	4206344.03	0.23974	9	9	0	ANNUAL	LINE	5
610917.43	4206344.03	0.22992	9	9	0	ANNUAL	LINE	5
610924.43	4206344.03	0.22071	9	9	0	ANNUAL	LINE	5
610931.43	4206344.03	0.21208	9	9	0	ANNUAL	LINE	5
610938.43	4206344.03	0.20396	9	9	0	ANNUAL	LINE	5
610945.43	4206344.03	0.19632	9	9	0	ANNUAL	LINE	5
610952.43	4206344.03	0.18911	9	9	0	ANNUAL	LINE	5
610959.43	4206344.03	0.18232	9	9	0	ANNUAL	LINE	5
610966.43	4206344.03	0.1759	9	9	0	ANNUAL	LINE	5
610973.43	4206344.03	0.16982	9	9	0	ANNUAL	LINE	5
610980.43	4206344.03	0.16406	9	9	0	ANNUAL	LINE	5
610987.43	4206344.03	0.15861	9	9	0	ANNUAL	LINE	5
610994.43	4206344.03	0.15343	9	9	0	ANNUAL	LINE	5
611001.43	4206344.03	0.14851	9	9	0	ANNUAL	LINE	5
611008.43	4206344.03	0.14383	9	9	0	ANNUAL	LINE	5
611029.43	4206344.03	0.13109	9	9	0	ANNUAL	LINE	5
611036.43	4206344.03	0.12722	9	9	0	ANNUAL	LINE	5
611043.43	4206344.03	0.12354	9	9	0	ANNUAL	LINE	5
611050.43	4206344.03	0.12001	9	9	0	ANNUAL	LINE	5
611057.43	4206344.03	0.11664	9	9	0	ANNUAL	LINE	5
611064.43	4206344.03	0.11341	9	9	0	ANNUAL	LINE	5
611078.43	4206344.03	0.10736	9	9	0	ANNUAL	LINE	5
611085.43	4206344.03	0.10451	9	9	0	ANNUAL	LINE	5
611092.43	4206344.03	0.10179	9	9	0	ANNUAL	LINE	5
610294.43	4206351.03	4.3083	11.42	11.42	0	ANNUAL	LINE	5
610301.43	4206351.03	4.32384	11.51	11.51	0	ANNUAL	LINE	5
610308.43	4206351.03	4.34076	11.61	11.61	0	ANNUAL	LINE	5
610315.43	4206351.03	4.35692	11.71	11.71	0	ANNUAL	LINE	5
610322.43	4206351.03	4.37134	11.8	11.8	0	ANNUAL	LINE	5
610329.43	4206351.03	4.38623	11.9	11.9	0	ANNUAL	LINE	5
610336.43	4206351.03	4.39916	11.99	11.99	0	ANNUAL	LINE	5
610343.43	4206351.03	4.40249	12	12	0	ANNUAL	LINE	5
610350.43	4206351.03	4.40473	12	12	0	ANNUAL	LINE	5
610357.43	4206351.03	4.40746	12	12	0	ANNUAL	LINE	5
610364.43	4206351.03	4.41094	12	12	0	ANNUAL	LINE	5
610371.43	4206351.03	4.41533	12	12	0	ANNUAL	LINE	5
610378.43	4206351.03	4.42058	12	12	0	ANNUAL	LINE	5
610385.43	4206351.03	4.42655	12	12	0	ANNUAL	LINE	5
610392.43	4206351.03	4.43308	12	12	0	ANNUAL	LINE	5
610399.43	4206351.03	4.44006	12	12	0	ANNUAL	LINE	5
610406.43	4206351.03	4.44742	12	12	0	ANNUAL	LINE	5
610413.43	4206351.03	4.45507	12	12	0	ANNUAL	LINE	5
610420.43	4206351.03	4.46294	12	12	0	ANNUAL	LINE	5
610427.43	4206351.03	4.471	12	12	0	ANNUAL	LINE	5
610434.43	4206351.03	4.47925	12	12	0	ANNUAL	LINE	5
610441.43	4206351.03	4.48768	12	12	0	ANNUAL	LINE	5
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610455.43	4206351.03	4.50514	12	12	0	ANNUAL	LINE	5
610462.43	4206351.03	4.51423	12	12	0	ANNUAL	LINE	5
610469.43	4206351.03	4.52362	12	12	0	ANNUAL	LINE	5
610476.43	4206351.03	4.5332	12	12	0	ANNUAL	LINE	5
610497.43	4206351.03	4.56171	12	12	0	ANNUAL	LINE	5
610504.43	4206351.03	4.57072	12	12	0	ANNUAL	LINE	5
610511.43	4206351.03	4.5793	12	12	0	ANNUAL	LINE	5
610518.43	4206351.03	4.58732	12	12	0	ANNUAL	LINE	5
610525.43	4206351.03	4.59464	12	12	0	ANNUAL	LINE	5
610532.43	4206351.03	4.60113	12	12	0	ANNUAL	LINE	5
610539.43	4206351.03	4.60668	12	12	0	ANNUAL	LINE	5
610546.43	4206351.03	4.61111	12	12	0	ANNUAL	LINE	5
610553.43	4206351.03	4.61424	12	12	0	ANNUAL	LINE	5
610560.43	4206351.03	4.61534	11.95	11.95	0	ANNUAL	LINE	5
610567.43	4206351.03	4.61481	11.85	11.85	0	ANNUAL	LINE	5
610574.43	4206351.03	4.61302	11.76	11.76	0	ANNUAL	LINE	5
610581.43	4206351.03	4.60956	11.66	11.66	0	ANNUAL	LINE	5
610588.43	4206351.03	4.60408	11.56	11.56	0	ANNUAL	LINE	5
610595.43	4206351.03	4.59619	11.47	11.47	0	ANNUAL	LINE	5
610602.43	4206351.03	4.58374	11.37	11.37	0	ANNUAL	LINE	5
610609.43	4206351.03	4.56596	11.28	11.28	0	ANNUAL	LINE	5
610616.43	4206351.03	4.5404	11.18	11.18	0	ANNUAL	LINE	5
610623.43	4206351.03	4.50594	11.09	11.09	0	ANNUAL	LINE	5
610630.43	4206351.03	4.45971	11	11	0	ANNUAL	LINE	5
610637.43	4206351.03	4.40113	10.97	10.97	0	ANNUAL	LINE	5
610644.43	4206351.03	4.32167	10.94	10.94	0	ANNUAL	LINE	5
610651.43	4206351.03	4.21536	10.91	10.91	0	ANNUAL	LINE	5
610658.43	4206351.03	4.07596	10.88	10.88	0	ANNUAL	LINE	5
610665.43	4206351.03	3.90099	10.85	10.85	0	ANNUAL	LINE	5
610672.43	4206351.03	3.67944	10.82	10.82	0	ANNUAL	LINE	5
610679.43	4206351.03	3.39424	10.79	10.79	0	ANNUAL	LINE	5
610686.43	4206351.03	3.05911	10.76	10.76	0	ANNUAL	LINE	5
610693.43	4206351.03	2.71201	10.73	10.73	0	ANNUAL	LINE	5
610700.43	4206351.03	2.38571	10.7	10.7	0	ANNUAL	LINE	5
610707.43	4206351.03	2.0959	10.62	10.62	0	ANNUAL	LINE	5
610714.43	4206351.03	1.84687	10.53	10.53	0	ANNUAL	LINE	5
610721.43	4206351.03	1.63567	10.43	10.43	0	ANNUAL	LINE	5
610728.43	4206351.03	1.45694	10.33	10.33	0	ANNUAL	LINE	5
610735.43	4206351.03	1.30515	10.24	10.24	0	ANNUAL	LINE	5
610742.43	4206351.03	1.17556	10.14	10.14	0	ANNUAL	LINE	5
610749.43	4206351.03	1.06437	10.04	10.04	0	ANNUAL	LINE	5
610756.43	4206351.03	0.96847	9.95	9.95	0	ANNUAL	LINE	5
610763.43	4206351.03	0.88522	9.85	9.85	0	ANNUAL	LINE	5
610770.43	4206351.03	0.81255	9.75	9.75	0	ANNUAL	LINE	5
610777.43	4206351.03	0.74878	9.66	9.66	0	ANNUAL	LINE	5
610784.43	4206351.03	0.69254	9.6	9.6	0	ANNUAL	LINE	5
610791.43	4206351.03	0.64263	9.53	9.53	0	ANNUAL	LINE	5
610798.43	4206351.03	0.59816	9.47	9.47	0	ANNUAL	LINE	5
610805.43	4206351.03	0.55834	9.4	9.4	0	ANNUAL	LINE	5
610812.43	4206351.03	0.52254	9.34	9.34	0	ANNUAL	LINE	5
610833.43	4206351.03	0.43432	9.14	9.14	0	ANNUAL	LINE	5
610840.43	4206351.03	0.41005	9.08	9.08	0	ANNUAL	LINE	5
610847.43	4206351.03	0.38785	9.02	9.02	0	ANNUAL	LINE	5
610854.43	4206351.03	0.36749	9	9	0	ANNUAL	LINE	5
610861.43	4206351.03	0.34878	9	9	0	ANNUAL	LINE	5
610868.43	4206351.03	0.33151	9	9	0	ANNUAL	LINE	5
610875.43	4206351.03	0.31556	9	9	0	ANNUAL	LINE	5
610882.43	4206351.03	0.30077	9	9	0	ANNUAL	LINE	5
610889.43	4206351.03	0.28704	9	9	0	ANNUAL	LINE	5
610896.43	4206351.03	0.27427	9	9	0	ANNUAL	LINE	5
610903.43	4206351.03	0.26237	9	9	0	ANNUAL	LINE	5
610910.43	4206351.03	0.25126	9	9	0	ANNUAL	LINE	5
610917.43	4206351.03	0.24086	9	9	0	ANNUAL	LINE	5
610924.43	4206351.03	0.23112	9	9	0	ANNUAL	LINE	5
610931.43	4206351.03	0.22198	9	9	0	ANNUAL	LINE	5
610938.43	4206351.03	0.2134	9	9	0	ANNUAL	LINE	5
610945.43	4206351.03	0.20532	9	9	0	ANNUAL	LINE	5
610952.43	4206351.03	0.1977	9	9	0	ANNUAL	LINE	5
610959.43	4206351.03	0.19052	9	9	0	ANNUAL	LINE	5
610966.43	4206351.03	0.18373	9	9	0	ANNUAL	LINE	5
610973.43	4206351.03	0.17731	9	9	0	ANNUAL	LINE	5
610980.43	4206351.03	0.17123	9	9	0	ANNUAL	LINE	5
610987.43	4206351.03	0.16547	9	9	0	ANNUAL	LINE	5
610994.43	4206351.03	0.16001	9	9	0	ANNUAL	LINE	5
611001.43	4206351.03	0.15482	9	9	0	ANNUAL	LINE	5
611008.43	4206351.03	0.14988	9	9	0	ANNUAL	LINE	5
611029.43	4206351.03	0.13645	9	9	0	ANNUAL	LINE	5
611036.43	4206351.03	0.13238	9	9	0	ANNUAL	LINE	5
611043.43	4206351.03	0.1285	9	9	0	ANNUAL	LINE	5
611050.43	4206351.03	0.12479	9	9	0	ANNUAL	LINE	5
611057.43	4206351.03	0.12124	9	9	0	ANNUAL	LINE	5
611064.43	4206351.03	0.11784	9	9	0	ANNUAL	LINE	5
611078.43	4206351.03	0.11148	9	9	0	ANNUAL	LINE	5

611085.43	4206351.03	0.10849	9	9	0	ANNUAL	LINE	5
611092.43	4206351.03	0.10562	9	9	0	ANNUAL	LINE	5
610294.43	4206358.03	3.64549	11.42	11.42	0	ANNUAL	LINE	5
610301.43	4206358.03	3.65906	11.52	11.52	0	ANNUAL	LINE	5
610308.43	4206358.03	3.67152	11.61	11.61	0	ANNUAL	LINE	5
610315.43	4206358.03	3.68463	11.71	11.71	0	ANNUAL	LINE	5
610322.43	4206358.03	3.69608	11.8	11.8	0	ANNUAL	LINE	5
610329.43	4206358.03	3.70781	11.9	11.9	0	ANNUAL	LINE	5
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610350.43	4206358.03	3.71912	12	12	0	ANNUAL	LINE	5
610357.43	4206358.03	3.71949	12	12	0	ANNUAL	LINE	5
610364.43	4206358.03	3.7205	12	12	0	ANNUAL	LINE	5
610371.43	4206358.03	3.72221	12	12	0	ANNUAL	LINE	5
610378.43	4206358.03	3.7246	12	12	0	ANNUAL	LINE	5
610385.43	4206358.03	3.72757	12	12	0	ANNUAL	LINE	5
610392.43	4206358.03	3.73104	12	12	0	ANNUAL	LINE	5
610399.43	4206358.03	3.73493	12	12	0	ANNUAL	LINE	5
610406.43	4206358.03	3.73916	12	12	0	ANNUAL	LINE	5
610413.43	4206358.03	3.74365	12	12	0	ANNUAL	LINE	5
610420.43	4206358.03	3.74835	12	12	0	ANNUAL	LINE	5
610427.43	4206358.03	3.75323	12	12	0	ANNUAL	LINE	5
610434.43	4206358.03	3.75825	12	12	0	ANNUAL	LINE	5
610441.43	4206358.03	3.76339	12	12	0	ANNUAL	LINE	5
610448.43	4206358.03	3.76862	12	12	0	ANNUAL	LINE	5
610455.43	4206358.03	3.77395	12	12	0	ANNUAL	LINE	5
610462.43	4206358.03	3.7794	12	12	0	ANNUAL	LINE	5
610469.43	4206358.03	3.78494	12	12	0	ANNUAL	LINE	5
610476.43	4206358.03	3.79053	12	12	0	ANNUAL	LINE	5
610497.43	4206358.03	3.80678	12	12	0	ANNUAL	LINE	5
610504.43	4206358.03	3.81169	12	12	0	ANNUAL	LINE	5
610511.43	4206358.03	3.81617	12	12	0	ANNUAL	LINE	5
610518.43	4206358.03	3.82012	12	12	0	ANNUAL	LINE	5
610525.43	4206358.03	3.82345	12	12	0	ANNUAL	LINE	5
610532.43	4206358.03	3.82599	12	12	0	ANNUAL	LINE	5
610539.43	4206358.03	3.82761	12	12	0	ANNUAL	LINE	5
610546.43	4206358.03	3.82817	12	12	0	ANNUAL	LINE	5
610553.43	4206358.03	3.82754	12	12	0	ANNUAL	LINE	5
610560.43	4206358.03	3.82576	11.95	11.95	0	ANNUAL	LINE	5
610567.43	4206358.03	3.82305	11.85	11.85	0	ANNUAL	LINE	5
610574.43	4206358.03	3.81886	11.75	11.75	0	ANNUAL	LINE	5
610581.43	4206358.03	3.81299	11.66	11.66	0	ANNUAL	LINE	5
610588.43	4206358.03	3.80516	11.56	11.56	0	ANNUAL	LINE	5
610595.43	4206358.03	3.79482	11.47	11.47	0	ANNUAL	LINE	5
610602.43	4206358.03	3.78069	11.37	11.37	0	ANNUAL	LINE	5
610609.43	4206358.03	3.76197	11.28	11.28	0	ANNUAL	LINE	5
610616.43	4206358.03	3.73701	11.18	11.18	0	ANNUAL	LINE	5
610623.43	4206358.03	3.70451	11.08	11.08	0	ANNUAL	LINE	5
610630.43	4206358.03	3.664	11	11	0	ANNUAL	LINE	5
610637.43	4206358.03	3.6145	10.98	10.98	0	ANNUAL	LINE	5
610644.43	4206358.03	3.55097	10.95	10.95	0	ANNUAL	LINE	5
610651.43	4206358.03	3.47084	10.93	10.93	0	ANNUAL	LINE	5
610658.43	4206358.03	3.37092	10.91	10.91	0	ANNUAL	LINE	5
610665.43	4206358.03	3.24949	10.89	10.89	0	ANNUAL	LINE	5
610672.43	4206358.03	3.10231	10.86	10.86	0	ANNUAL	LINE	5
610679.43	4206358.03	2.92052	10.84	10.84	0	ANNUAL	LINE	5
610686.43	4206358.03	2.70383	10.82	10.82	0	ANNUAL	LINE	5
610693.43	4206358.03	2.46677	10.79	10.79	0	ANNUAL	LINE	5
610700.43	4206358.03	2.22859	10.77	10.77	0	ANNUAL	LINE	5
610707.43	4206358.03	2.00328	10.7	10.7	0	ANNUAL	LINE	5
610714.43	4206358.03	1.78858	10.6	10.6	0	ANNUAL	LINE	5
610721.43	4206358.03	1.61695	10.5	10.5	0	ANNUAL	LINE	5
610728.43	4206358.03	1.45749	10.41	10.41	0	ANNUAL	LINE	5
610735.43	4206358.03	1.31796	10.31	10.31	0	ANNUAL	LINE	5
610742.43	4206358.03	1.19608	10.21	10.21	0	ANNUAL	LINE	5
610749.43	4206358.03	1.08954	10.12	10.12	0	ANNUAL	LINE	5
610756.43	4206358.03	0.99616	10.02	10.02	0	ANNUAL	LINE	5
610763.43	4206358.03	0.91407	9.92	9.92	0	ANNUAL	LINE	5
610770.43	4206358.03	0.84168	9.83	9.83	0	ANNUAL	LINE	5
610777.43	4206358.03	0.77756	9.74	9.74	0	ANNUAL	LINE	5
610784.43	4206358.03	0.72056	9.66	9.66	0	ANNUAL	LINE	5
610791.43	4206358.03	0.6697	9.59	9.59	0	ANNUAL	LINE	5
610798.43	4206358.03	0.62413	9.52	9.52	0	ANNUAL	LINE	5
610805.43	4206358.03	0.58314	9.45	9.45	0	ANNUAL	LINE	5
610812.43	4206358.03	0.54615	9.37	9.37	0	ANNUAL	LINE	5
610833.43	4206358.03	0.45453	9.16	9.16	0	ANNUAL	LINE	5
610840.43	4206358.03	0.4292	9.09	9.09	0	ANNUAL	LINE	5
610847.43	4206358.03	0.40599	9.02	9.02	0	ANNUAL	LINE	5
610854.43	4206358.03	0.3847	9	9	0	ANNUAL	LINE	5
610861.43	4206358.03	0.36509	9	9	0	ANNUAL	LINE	5
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610875.43	4206358.03	0.33024	9	9	0	ANNUAL	LINE	5
610882.43	4206358.03	0.31471	9	9	0	ANNUAL	LINE	5
610889.43	4206358.03	0.30029	9	9	0	ANNUAL	LINE	5
610896.43	4206358.03	0.28686	9	9	0	ANNUAL	LINE	5
610903.43	4206358.03	0.27434	9	9	0	ANNUAL	LINE	5
610910.43	4206358.03	0.26265	9	9	0	ANNUAL	LINE	5
610917.43	4206358.03	0.25172	9	9	0	ANNUAL	LINE	5
610924.43	4206358.03	0.24147	9	9	0	ANNUAL	LINE	5
610931.43	4206358.03	0.23185	9	9	0	ANNUAL	LINE	5
610938.43	4206358.03	0.22281	9	9	0	ANNUAL	LINE	5
610945.43	4206358.03	0.21431	9	9	0	ANNUAL	LINE	5
610952.43	4206358.03	0.20629	9	9	0	ANNUAL	LINE	5
610959.43	4206358.03	0.19873	9	9	0	ANNUAL	LINE	5
610966.43	4206358.03	0.19159	9	9	0	ANNUAL	LINE	5
610973.43	4206358.03	0.18484	9	9	0	ANNUAL	LINE	5
610980.43	4206358.03	0.17844	9	9	0	ANNUAL	LINE	5
610987.43	4206358.03	0.17238	9	9	0	ANNUAL	LINE	5
610994.43	4206358.03	0.16664	9	9	0	ANNUAL	LINE	5
611001.43	4206358.03	0.16118	9	9	0	ANNUAL	LINE	5
611008.43	4206358.03	0.15599	9	9	0	ANNUAL	LINE	5
611029.43	4206358.03	0.14187	9	9	0	ANNUAL	LINE	5
611036.43	4206358.03	0.1376	9	9	0	ANNUAL	LINE	5
611043.43	4206358.03	0.13352	9	9	0	ANNUAL	LINE	5
611050.43	4206358.03	0.12962	9	9	0	ANNUAL	LINE	5
611057.43	4206358.03	0.1259	9	9	0	ANNUAL	LINE	5
611064.43	4206358.03	0.12234	9	9	0	ANNUAL	LINE	5
611078.43	4206358.03	0.11566	9	9	0	ANNUAL	LINE	5
611085.43	4206358.03	0.11253	9	9	0	ANNUAL	LINE	5
611092.43	4206358.03	0.10952	9	9	0	ANNUAL	LINE	5
610294.43	4206365.03	3.15091	11.42	11.42	0	ANNUAL	LINE	5
610301.43	4206365.03	3.1618	11.52	11.52	0	ANNUAL	LINE	5
610308.43	4206365.03	3.17175	11.61	11.61	0	ANNUAL	LINE	5
610315.43	4206365.03	3.18229	11.71	11.71	0	ANNUAL	LINE	5
610322.43	4206365.03	3.19145	11.8	11.8	0	ANNUAL	LINE	5
610329.43	4206365.03	3.20094	11.9	11.9	0	ANNUAL	LINE	5
610336.43	4206365.03	3.20984	12	12	0	ANNUAL	LINE	5
610343.43	4206365.03	3.2095	12	12	0	ANNUAL	LINE	5
610350.43	4206365.03	3.20894	12	12	0	ANNUAL	LINE	5
610357.43	4206365.03	3.20852	12	12	0	ANNUAL	LINE	5
610364.43	4206365.03	3.20843	12	12	0	ANNUAL	LINE	5
610371.43	4206365.03	3.20879	12	12	0	ANNUAL	LINE	5
610378.43	4206365.03	3.2096	12	12	0	ANNUAL	LINE	5
610385.43	4206365.03	3.21085	12	12	0	ANNUAL	LINE	5
610392.43	4206365.03	3.21249	12	12	0	ANNUAL	LINE	5
610399.43	4206365.03	3.21446	12	12	0	ANNUAL	LINE	5
610406.43	4206365.03	3.21673	12	12	0	ANNUAL	LINE	5
610413.43	4206365.03	3.21923	12	12	0	ANNUAL	LINE	5
610420.43	4206365.03	3.22193	12	12	0	ANNUAL	LINE	5
610427.43	4206365.03	3.22476	12	12	0	ANNUAL	LINE	5
610434.43	4206365.03	3.22772	12	12	0	ANNUAL	LINE	5
610441.43	4206365.03	3.23075	12	12	0	ANNUAL	LINE	5
610448.43	4206365.03	3.23385	12	12	0	ANNUAL	LINE	5
610455.43	4206365.03	3.23698	12	12	0	ANNUAL	LINE	5
610462.43	4206365.03	3.24013	12	12	0	ANNUAL	LINE	5
610469.43	4206365.03	3.2433	12	12	0	ANNUAL	LINE	5
610476.43	4206365.03	3.24644	12	12	0	ANNUAL	LINE	5
610497.43	4206365.03	3.25512	12	12	0	ANNUAL	LINE	5
610504.43	4206365.03	3.25751	12	12	0	ANNUAL	LINE	5
610511.43	4206365.03	3.25951	12	12	0	ANNUAL	LINE	5
610518.43	4206365.03	3.26102	12	12	0	ANNUAL	LINE	5
610525.43	4206365.03	3.26193	12	12	0	ANNUAL	LINE	5
610532.43	4206365.03	3.26214	12	12	0	ANNUAL	LINE	5
610539.43	4206365.03	3.26152	12	12	0	ANNUAL	LINE	5
610546.43	4206365.03	3.25991	12	12	0	ANNUAL	LINE	5
610553.43	4206365.03	3.25718	12	12	0	ANNUAL	LINE	5
610560.43	4206365.03	3.25384	11.94	11.94	0	ANNUAL	LINE	5
610567.43	4206365.03	3.24981	11.85	11.85	0	ANNUAL	LINE	5
610574.43	4206365.03	3.24443	11.75	11.75	0	ANNUAL	LINE	5
610581.43	4206365.03	3.23736	11.66	11.66	0	ANNUAL	LINE	5
610588.43	4206365.03	3.22858	11.56	11.56	0	ANNUAL	LINE	5
610595.43	4206365.03	3.2175	11.47	11.47	0	ANNUAL	LINE	5
610602.43	4206365.03	3.20329	11.37	11.37	0	ANNUAL	LINE	5
610609.43	4206365.03	3.18508	11.27	11.27	0	ANNUAL	LINE	5
610616.43	4206365.03	3.16211	11.18	11.18	0	ANNUAL	LINE	5
610623.43	4206365.03	3.13321	11.08	11.08	0	ANNUAL	LINE	5
610630.43	4206365.03	3.09835	11	11	0	ANNUAL	LINE	5
610637.43	4206365.03	3.05696	10.98	10.98	0	ANNUAL	LINE	5
610644.43	4206365.03	3.00637	10.97	10.97	0	ANNUAL	LINE	5
610651.43	4206365.03	2.94445	10.95	10.95	0	ANNUAL	LINE	5
610658.43	4206365.03	2.86992	10.94	10.94	0	ANNUAL	LINE	5
610665.43	4206365.03	2.78157	10.92	10.92	0	ANNUAL	LINE	5
610672.43	4206365.03	2.67755	10.91	10.91	0	ANNUAL	LINE	5
610679.43	4206365.03	2.55293	10.89	10.89	0	ANNUAL	LINE	5
610686.43	4206365.03	2.40558	10.88	10.88	0	ANNUAL	LINE	5
610693.43	4206365.03	2.24003	10.86	10.86	0	ANNUAL	LINE	5
610700.43	4206365.03	2.06598	10.84	10.84	0	ANNUAL	LINE	5
610707.43	4206365.03	1.89306	10.77	10.77	0	ANNUAL	LINE	5
610714.43	4206365.03	1.72846	10.68	10.68	0	ANNUAL	LINE	5
610721.43	4206365.03	1.57609	10.58	10.58	0	ANNUAL	LINE	5
610728.43	4206365.03	1.43749	10.48	10.48	0	ANNUAL	LINE	5
610735.43	4206365.03	1.31277	10.39	10.39	0	ANNUAL	LINE	5
610742.43	4206365.03	1.20115	10.29	10.29	0	ANNUAL	LINE	5
610749.43	4206365.03	1.1016	10.19	10.19	0	ANNUAL	LINE	5
610756.43	4206365.03	1.0129	10.1	10.1	0	ANNUAL	LINE	5
610763.43	4206365.03	0.93379	10	10	0	ANNUAL	LINE	5
610770.43	4206365.03	0.86315	9.9	9.9	0	ANNUAL	LINE	5
610777.43	4206365.03	0.79997	9.81	9.81	0	ANNUAL	LINE	5
610784.43	4206365.03	0.74331	9.73	9.73	0	ANNUAL	LINE	5
610791.43	4206365.03	0.69235	9.65	9.65	0	ANNUAL	LINE	5
610798.43	4206365.03	0.64641	9.57	9.57	0	ANNUAL	LINE	5
610805.43	4206365.03	0.60486	9.49	9.49	0	ANNUAL	LINE	5
610812.43	4206365.03	0.56719	9.41	9.41	0	ANNUAL	LINE	5
610833.43	4206365.03	0.47319	9.17	9.17	0	ANNUAL	LINE	5
610840.43	4206365.03	0.44706	9.1	9.1	0	ANNUAL	LINE	5
610847.43	4206365.03	0.42305	9.02	9.02	0	ANNUAL	LINE	5
610854.43	4206365.03	0.40098	9	9	0	ANNUAL	LINE	5
610861.43	4206365.03	0.38063	9	9	0	ANNUAL	LINE	5
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610875.43	4206365.03	0.34437	9	9	0	ANNUAL	LINE	5
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610889.43	4206365.03	0.31315	9	9	0	ANNUAL	LINE	5
610896.43	4206365.03	0.29913	9	9	0	ANNUAL	LINE	5
610903.43	4206365.03	0.28605	9	9	0	ANNUAL	LINE	5
610910.43	4206365.03	0.27383	9	9	0	ANNUAL	LINE	5
610917.43	4206365.03	0.26239	9	9	0	ANNUAL	LINE	5
610924.43	4206365.03	0.25167	9	9	0	ANNUAL	LINE	5
610931.43	4206365.03	0.2416	9	9	0	ANNUAL	LINE	5
610938.43	4206365.03	0.23214	9	9	0	ANNUAL	LINE	5
610945.43	4206365.03	0.22323	9	9	0	ANNUAL	LINE	5
610952.43	4206365.03	0.21484	9	9	0	ANNUAL	LINE	5
610959.43	4206365.03	0.20691	9	9	0	ANNUAL	LINE	5
610966.43	4206365.03	0.19943	9	9	0	ANNUAL	LINE	5
610973.43	4206365.03	0.19235	9	9	0	ANNUAL	LINE	5
610980.43	4206365.03	0.18565	9	9	0	ANNUAL	LINE	5
610987.43	4206365.03	0.1793	9	9	0	ANNUAL	LINE	5
610994.43	4206365.03	0.17328	9	9	0	ANNUAL	LINE	5
611001.43	4206365.03	0.16756	9	9	0	ANNUAL	LINE	5
611022.43	4206365.03	0.15203	9	9	0	ANNUAL	LINE	5
611029.43	4206365.03	0.14733	9	9	0	ANNUAL	LINE	5
611036.43	4206365.03	0.14286	9	9	0	ANNUAL	LINE	5

611043.43	4206365.03	0.13859	9	9	0	ANNUAL	LINE	5
611050.43	4206365.03	0.13451	9	9	0	ANNUAL	LINE	5
611057.43	4206365.03	0.13061	9	9	0	ANNUAL	LINE	5
611064.43	4206365.03	0.12688	9	9	0	ANNUAL	LINE	5
611078.43	4206365.03	0.11989	9	9	0	ANNUAL	LINE	5
611085.43	4206365.03	0.11661	9	9	0	ANNUAL	LINE	5
611092.43	4206365.03	0.11347	9	9	0	ANNUAL	LINE	5
610294.43	4206372.03	2.76742	11.42	11.42	0	ANNUAL	LINE	5
610301.43	4206372.03	2.77603	11.52	11.52	0	ANNUAL	LINE	5
610308.43	4206372.03	2.78389	11.61	11.61	0	ANNUAL	LINE	5
610315.43	4206372.03	2.7923	11.71	11.71	0	ANNUAL	LINE	5
610322.43	4206372.03	2.8004	11.81	11.81	0	ANNUAL	LINE	5
610329.43	4206372.03	2.80739	11.9	11.9	0	ANNUAL	LINE	5
610336.43	4206372.03	2.81468	12	12	0	ANNUAL	LINE	5
610343.43	4206372.03	2.81461	12	12	0	ANNUAL	LINE	5
610350.43	4206372.03	2.81422	12	12	0	ANNUAL	LINE	5
610357.43	4206372.03	2.81373	12	12	0	ANNUAL	LINE	5
610364.43	4206372.03	2.81331	12	12	0	ANNUAL	LINE	5
610371.43	4206372.03	2.81308	12	12	0	ANNUAL	LINE	5
610378.43	4206372.03	2.8131	12	12	0	ANNUAL	LINE	5
610385.43	4206372.03	2.81339	12	12	0	ANNUAL	LINE	5
610392.43	4206372.03	2.81395	12	12	0	ANNUAL	LINE	5
610399.43	4206372.03	2.81477	12	12	0	ANNUAL	LINE	5
610406.43	4206372.03	2.81581	12	12	0	ANNUAL	LINE	5
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610420.43	4206372.03	2.81842	12	12	0	ANNUAL	LINE	5
610427.43	4206372.03	2.81993	12	12	0	ANNUAL	LINE	5
610434.43	4206372.03	2.82153	12	12	0	ANNUAL	LINE	5
610441.43	4206372.03	2.82318	12	12	0	ANNUAL	LINE	5
610448.43	4206372.03	2.82487	12	12	0	ANNUAL	LINE	5
610455.43	4206372.03	2.82656	12	12	0	ANNUAL	LINE	5
610462.43	4206372.03	2.82824	12	12	0	ANNUAL	LINE	5
610469.43	4206372.03	2.82988	12	12	0	ANNUAL	LINE	5
610476.43	4206372.03	2.83145	12	12	0	ANNUAL	LINE	5
610497.43	4206372.03	2.83531	12	12	0	ANNUAL	LINE	5
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610525.43	4206372.03	2.83598	12	12	0	ANNUAL	LINE	5
610532.43	4206372.03	2.83481	12	12	0	ANNUAL	LINE	5
610539.43	4206372.03	2.83288	12	12	0	ANNUAL	LINE	5
610546.43	4206372.03	2.83007	12	12	0	ANNUAL	LINE	5
610553.43	4206372.03	2.82625	12	12	0	ANNUAL	LINE	5
610560.43	4206372.03	2.82206	11.94	11.94	0	ANNUAL	LINE	5
610567.43	4206372.03	2.8173	11.85	11.85	0	ANNUAL	LINE	5
610574.43	4206372.03	2.81136	11.75	11.75	0	ANNUAL	LINE	5
610581.43	4206372.03	2.80387	11.66	11.66	0	ANNUAL	LINE	5
610588.43	4206372.03	2.7949	11.56	11.56	0	ANNUAL	LINE	5
610595.43	4206372.03	2.78394	11.46	11.46	0	ANNUAL	LINE	5
610602.43	4206372.03	2.77031	11.37	11.37	0	ANNUAL	LINE	5
610609.43	4206372.03	2.75346	11.27	11.27	0	ANNUAL	LINE	5
610616.43	4206372.03	2.73279	11.18	11.18	0	ANNUAL	LINE	5
610623.43	4206372.03	2.70758	11.08	11.08	0	ANNUAL	LINE	5
610630.43	4206372.03	2.67788	11	11	0	ANNUAL	LINE	5
610637.43	4206372.03	2.64352	10.99	10.99	0	ANNUAL	LINE	5
610644.43	4206372.03	2.60251	10.98	10.98	0	ANNUAL	LINE	5
610651.43	4206372.03	2.55387	10.98	10.98	0	ANNUAL	LINE	5
610658.43	4206372.03	2.49646	10.97	10.97	0	ANNUAL	LINE	5
610665.43	4206372.03	2.42978	10.96	10.96	0	ANNUAL	LINE	5
610672.43	4206372.03	2.35269	10.95	10.95	0	ANNUAL	LINE	5
610679.43	4206372.03	2.26267	10.94	10.94	0	ANNUAL	LINE	5
610686.43	4206372.03	2.15762	10.93	10.93	0	ANNUAL	LINE	5
610693.43	4206372.03	2.03856	10.93	10.93	0	ANNUAL	LINE	5
610700.43	4206372.03	1.90986	10.92	10.92	0	ANNUAL	LINE	5
610707.43	4206372.03	1.77729	10.85	10.85	0	ANNUAL	LINE	5
610714.43	4206372.03	1.64618	10.75	10.75	0	ANNUAL	LINE	5
610721.43	4206372.03	1.52038	10.65	10.65	0	ANNUAL	LINE	5
610728.43	4206372.03	1.40232	10.56	10.56	0	ANNUAL	LINE	5
610735.43	4206372.03	1.29309	10.46	10.46	0	ANNUAL	LINE	5
610742.43	4206372.03	1.19305	10.36	10.36	0	ANNUAL	LINE	5
610749.43	4206372.03	1.10201	10.27	10.27	0	ANNUAL	LINE	5
610756.43	4206372.03	1.01944	10.17	10.17	0	ANNUAL	LINE	5
610763.43	4206372.03	0.9447	10.07	10.07	0	ANNUAL	LINE	5
610770.43	4206372.03	0.8771	9.98	9.98	0	ANNUAL	LINE	5
610777.43	4206372.03	0.81593	9.88	9.88	0	ANNUAL	LINE	5
610784.43	4206372.03	0.76054	9.79	9.79	0	ANNUAL	LINE	5
610791.43	4206372.03	0.71033	9.71	9.71	0	ANNUAL	LINE	5
610798.43	4206372.03	0.66471	9.62	9.62	0	ANNUAL	LINE	5
610805.43	4206372.03	0.62319	9.53	9.53	0	ANNUAL	LINE	5
610812.43	4206372.03	0.58535	9.45	9.45	0	ANNUAL	LINE	5
610833.43	4206372.03	0.48008	9.19	9.19	0	ANNUAL	LINE	5
610840.43	4206372.03	0.46338	9.1	9.1	0	ANNUAL	LINE	5
610847.43	4206372.03	0.43881	9.02	9.02	0	ANNUAL	LINE	5
610854.43	4206372.03	0.41615	9	9	0	ANNUAL	LINE	5
610861.43	4206372.03	0.39521	9	9	0	ANNUAL	LINE	5
610868.43	4206372.03	0.37581	9	9	0	ANNUAL	LINE	5
610875.43	4206372.03	0.35781	9	9	0	ANNUAL	LINE	5
610882.43	4206372.03	0.34108	9	9	0	ANNUAL	LINE	5
610889.43	4206372.03	0.3255	9	9	0	ANNUAL	LINE	5
610896.43	4206372.03	0.31096	9	9	0	ANNUAL	LINE	5
610903.43	4206372.03	0.29739	9	9	0	ANNUAL	LINE	5
610910.43	4206372.03	0.2847	9	9	0	ANNUAL	LINE	5
610917.43	4206372.03	0.2728	9	9	0	ANNUAL	LINE	5
610924.43	4206372.03	0.26164	9	9	0	ANNUAL	LINE	5
610931.43	4206372.03	0.25116	9	9	0	ANNUAL	LINE	5
610938.43	4206372.03	0.24131	9	9	0	ANNUAL	LINE	5
610945.43	4206372.03	0.23202	9	9	0	ANNUAL	LINE	5
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610959.43	4206372.03	0.21501	9	9	0	ANNUAL	LINE	5
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610973.43	4206372.03	0.19982	9	9	0	ANNUAL	LINE	5
610980.43	4206372.03	0.19283	9	9	0	ANNUAL	LINE	5
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611001.43	4206372.03	0.17394	9	9	0	ANNUAL	LINE	5
611022.43	4206372.03	0.15772	9	9	0	ANNUAL	LINE	5
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611036.43	4206372.03	0.14814	9	9	0	ANNUAL	LINE	5
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611050.43	4206372.03	0.13942	9	9	0	ANNUAL	LINE	5
611057.43	4206372.03	0.13535	9	9	0	ANNUAL	LINE	5
611064.43	4206372.03	0.13145	9	9	0	ANNUAL	LINE	5
611078.43	4206372.03	0.12416	9	9	0	ANNUAL	LINE	5
611085.43	4206372.03	0.12074	9	9	0	ANNUAL	LINE	5
611092.43	4206372.03	0.11746	9	9	0	ANNUAL	LINE	5
610294.43	4206379.03	2.46088	11.42	11.42	0	ANNUAL	LINE	5
610301.43	4206379.03	2.46763	11.52	11.52	0	ANNUAL	LINE	5
610308.43	4206379.03	2.47437	11.62	11.62	0	ANNUAL	LINE	5
610315.43	4206379.03	2.48048	11.71	11.71	0	ANNUAL	LINE	5
610322.43	4206379.03	2.48698	11.81	11.81	0	ANNUAL	LINE	5
610329.43	4206379.03	2.49272	11.9	11.9	0	ANNUAL	LINE	5
610336.43	4206379.03	2.49873	12	12	0	ANNUAL	LINE	5
610343.43	4206379.03	2.49921	12	12	0	ANNUAL	LINE	5
610350.43	4206379.03	2.49926	12	12	0	ANNUAL	LINE	5
610357.43	4206379.03	2.49902	12	12	0	ANNUAL	LINE	5
610364.43	4206379.03	2.49865	12	12	0	ANNUAL	LINE	5
610371.43	4206379.03	2.49825	12	12	0	ANNUAL	LINE	5
610378.43	4206379.03	2.49794	12	12	0	ANNUAL	LINE	5
610385.43	4206379.03	2.49775	12	12	0	ANNUAL	LINE	5
610392.43	4206379.03	2.49772	12	12	0	ANNUAL	LINE	5
610399.43	4206379.03	2.49785	12	12	0	ANNUAL	LINE	5
610406.43	4206379.03	2.49814	12	12	0	ANNUAL	LINE	5
610413.43	4206379.03	2.49856	12	12	0	ANNUAL	LINE	5
610420.43	4206379.03	2.49909	12	12	0	ANNUAL	LINE	5
610427.43	4206379.03	2.49972	12	12	0	ANNUAL	LINE	5
610434.43	4206379.03	2.50041	12	12	0	ANNUAL	LINE	5
610441.43	4206379.03	2.50114	12	12	0	ANNUAL	LINE	5
610448.43	4206379.03	2.50188	12	12	0	ANNUAL	LINE	5
610455.43	4206379.03	2.5026	12	12	0	ANNUAL	LINE	5
610462.43	4206379.03	2.50329	12	12	0	ANNUAL	LINE	5
610469.43	4206379.03	2.50392	12	12	0	ANNUAL	LINE	5
610476.43	4206379.03	2.50446	12	12	0	ANNUAL	LINE	5
610497.43	4206379.03	2.50516	12	12	0	ANNUAL	LINE	5
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610518.43	4206379.03	2.50339	12	12	0	ANNUAL	LINE	5
610525.43	4206379.03	2.50194	12	12	0	ANNUAL	LINE	5
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610546.43	4206379.03	2.4938	12	12	0	ANNUAL	LINE	5
610553.43	4206379.03	2.48946	12	12	0	ANNUAL	LINE	5
610560.43	4206379.03	2.48484	11.94	11.94	0	ANNUAL	LINE	5
610567.43	4206379.03	2.47975	11.85	11.85	0	ANNUAL	LINE	5
610574.43	4206379.03	2.47363	11.75	11.75	0	ANNUAL	LINE	5
610581.43	4206379.03	2.46612	11.66	11.66	0	ANNUAL	LINE	5
610588.43	4206379.03	2.45734	11.56	11.56	0	ANNUAL	LINE	5
610595.43	4206379.03	2.44684	11.47	11.47	0	ANNUAL	LINE	5
610602.43	4206379.03	2.43419	11.37	11.37	0	ANNUAL	LINE	5
610609.43	4206379.03	2.4189	11.27	11.27	0	ANNUAL	LINE	5
610616.43	4206379.03	2.40056	11.18	11.18	0	ANNUAL	LINE	5
610623.43	4206379.03	2.37871	11.08	11.08	0	ANNUAL	LINE	5
610630.43	4206379.03	2.35346	11	11	0	ANNUAL	LINE	5
610637.43	4206379.03	2.32478	11	11	0	ANNUAL	LINE	5
610644.43	4206379.03	2.29124	11	11	0	ANNUAL	LINE	5
610651.43	4206379.03	2.25213	11	11	0	ANNUAL	LINE	5
610658.43	4206379.03	2.20689	11	11	0	ANNUAL	LINE	5
610665.43	4206379.03	2.1551	11	11	0	ANNUAL	LINE	5
610672.43	4206379.03	2.09606	11	11	0	ANNUAL	LINE	5
610679.43	4206379.03	2.02834	10.99	10.99	0	ANNUAL	LINE	5
610686.43	4206379.03	1.95045	10.99	10.99	0	ANNUAL	LINE	5
610693.43	4206379.03	1.86217	10.99	10.99	0	ANNUAL	LINE	5
610700.43	4206379.03	1.76532	10.99	10.99	0	ANNUAL	LINE	5
610707.43	4206379.03	1.66303	10.92	10.92	0	ANNUAL	LINE	5
610714.43	4206379.03	1.55888	10.82	10.82	0	ANNUAL	LINE	5
610721.43	4206379.03	1.45603	10.73	10.73	0	ANNUAL	LINE	5
610728.43	4206379.03	1.35674	10.63	10.63	0	ANNUAL	LINE	5
610749.43	4206379.03	1.09253	10.34	10.34	0	ANNUAL	LINE	5
610756.43	4206379.03	1.01698	10.24	10.24	0	ANNUAL	LINE	5
610763.43	4206379.03	0.94757	10.15	10.15	0	ANNUAL	LINE	5
610770.43	4206379.03	0.88392	10.05	10.05	0	ANNUAL	LINE	5
610777.43	4206379.03	0.82565	9.95	9.95	0	ANNUAL	LINE	5
610784.43	4206379.03	0.77235	9.86	9.86	0	ANNUAL	LINE	5
610791.43	4206379.03	0.72357	9.77	9.77	0	ANNUAL	LINE	5
610798.43	4206379.03	0.6789	9.67	9.67	0	ANNUAL	LINE	5
610805.43	4206379.03	0.63797	9.58	9.58	0	ANNUAL	LINE	5
610812.43	4206379.03	0.60042	9.48	9.48	0	ANNUAL	LINE	5
610833.43	4206379.03	0.50496	9.2	9.2	0	ANNUAL	LINE	5
610840.43	4206379.03	0.47799	9.11	9.11	0	ANNUAL	LINE	5
610847.43	4206379.03	0.45307	9.02	9.02	0	ANNUAL	LINE	5
610854.43	4206379.03	0.43003	9	9	0	ANNUAL	LINE	5
610861.43	4206379.03	0.40868	9	9	0	ANNUAL	LINE	5
610868.43	4206379.03	0.38885	9	9	0	ANNUAL	LINE	5
610875.43	4206379.03	0.37041	9	9	0	ANNUAL	LINE	5
610882.43	4206379.03	0.35323	9	9	0	ANNUAL	LINE	5
610889.43	4206379.03	0.33721	9	9	0	ANNUAL	LINE	5
610896.43	4206379.03	0.32225	9	9	0	ANNUAL	LINE	5
610903.43	4206379.03	0.30826	9	9	0	ANNUAL	LINE	5
610910.43	4206379.03	0.29515	9	9	0	ANNUAL	LINE	5
610917.43	4206379.03	0.28286	9	9	0	ANNUAL	LINE	5
610924.43	4206379.03	0.27132	9	9	0	ANNUAL	LINE	5
610931.43	4206379.03	0.26047	9	9	0	ANNUAL	LINE	5
610938.43	4206379.03	0.25025	9	9	0	ANNUAL	LINE	5
610945.43	4206379.03	0.24063	9	9	0	ANNUAL	LINE	5
610952.43	4206379.03	0.23155	9	9	0	ANNUAL	LINE	5
610959.43	4206379.03	0.22297	9	9	0	ANNUAL	LINE	5
610966.43	4206379.03	0.21486	9	9	0	ANNUAL	LINE	5
610973.43	4206379.03	0.20719	9	9	0	ANNUAL	LINE	5
610980.43	4206379.03	0.19992	9	9	0	ANNUAL	LINE	5
610987.43	4206379.03	0.19303	9	9	0	ANNUAL	LINE	5
610994.43	4206379.03	0.18649	9	9	0	ANNUAL	LINE	5
611015.43	4206379.03	0.16874	9	9	0	ANNUAL	LINE	5

611022.43	4206379.03	0.16339	9	9	0	ANNUAL	LINE	5
611029.43	4206379.03	0.15829	9	9	0	ANNUAL	LINE	5
611036.43	4206379.03	0.15342	9	9	0	ANNUAL	LINE	5
611043.43	4206379.03	0.14878	9	9	0	ANNUAL	LINE	5
611050.43	4206379.03	0.14434	9	9	0	ANNUAL	LINE	5
611057.43	4206379.03	0.1401	9	9	0	ANNUAL	LINE	5
611064.43	4206379.03	0.13604	9	9	0	ANNUAL	LINE	5
611078.43	4206379.03	0.12845	9	9	0	ANNUAL	LINE	5
611085.43	4206379.03	0.12488	9	9	0	ANNUAL	LINE	5
611092.43	4206379.03	0.12147	9	9	0	ANNUAL	LINE	5
610294.43	4206386.03	2.2104	11.43	11.43	0	ANNUAL	LINE	5
610301.43	4206386.03	2.21525	11.52	11.52	0	ANNUAL	LINE	5
610308.43	4206386.03	2.22053	11.62	11.62	0	ANNUAL	LINE	5
610315.43	4206386.03	2.22544	11.71	11.71	0	ANNUAL	LINE	5
610322.43	4206386.03	2.23068	11.81	11.81	0	ANNUAL	LINE	5
610329.43	4206386.03	2.23542	11.9	11.9	0	ANNUAL	LINE	5
610336.43	4206386.03	2.24041	12	12	0	ANNUAL	LINE	5
610343.43	4206386.03	2.24137	12	12	0	ANNUAL	LINE	5
610350.43	4206386.03	2.24186	12	12	0	ANNUAL	LINE	5
610357.43	4206386.03	2.24196	12	12	0	ANNUAL	LINE	5
610364.43	4206386.03	2.24179	12	12	0	ANNUAL	LINE	5
610371.43	4206386.03	2.24147	12	12	0	ANNUAL	LINE	5
610378.43	4206386.03	2.24109	12	12	0	ANNUAL	LINE	5
610385.43	4206386.03	2.24072	12	12	0	ANNUAL	LINE	5
610392.43	4206386.03	2.2404	12	12	0	ANNUAL	LINE	5
610399.43	4206386.03	2.24015	12	12	0	ANNUAL	LINE	5
610406.43	4206386.03	2.23999	12	12	0	ANNUAL	LINE	5
610413.43	4206386.03	2.23991	12	12	0	ANNUAL	LINE	5
610420.43	4206386.03	2.23991	12	12	0	ANNUAL	LINE	5
610427.43	4206386.03	2.23996	12	12	0	ANNUAL	LINE	5
610434.43	4206386.03	2.24004	12	12	0	ANNUAL	LINE	5
610441.43	4206386.03	2.24014	12	12	0	ANNUAL	LINE	5
610448.43	4206386.03	2.24024	12	12	0	ANNUAL	LINE	5
610455.43	4206386.03	2.24031	12	12	0	ANNUAL	LINE	5
610462.43	4206386.03	2.24032	12	12	0	ANNUAL	LINE	5
610469.43	4206386.03	2.24026	12	12	0	ANNUAL	LINE	5
610476.43	4206386.03	2.24011	12	12	0	ANNUAL	LINE	5
610497.43	4206386.03	2.23871	12	12	0	ANNUAL	LINE	5
610504.43	4206386.03	2.23781	12	12	0	ANNUAL	LINE	5
610511.43	4206386.03	2.23659	12	12	0	ANNUAL	LINE	5
610518.43	4206386.03	2.23501	12	12	0	ANNUAL	LINE	5
610525.43	4206386.03	2.233	12	12	0	ANNUAL	LINE	5
610532.43	4206386.03	2.2305	12	12	0	ANNUAL	LINE	5
610539.43	4206386.03	2.22741	12	12	0	ANNUAL	LINE	5
610546.43	4206386.03	2.22364	12	12	0	ANNUAL	LINE	5
610553.43	4206386.03	2.2191	12	12	0	ANNUAL	LINE	5
610560.43	4206386.03	2.21422	11.95	11.95	0	ANNUAL	LINE	5
610567.43	4206386.03	2.20903	11.86	11.86	0	ANNUAL	LINE	5
610574.43	4206386.03	2.20281	11.77	11.77	0	ANNUAL	LINE	5
610581.43	4206386.03	2.19555	11.68	11.68	0	ANNUAL	LINE	5
610588.43	4206386.03	2.18714	11.59	11.59	0	ANNUAL	LINE	5
610595.43	4206386.03	2.1772	11.51	11.51	0	ANNUAL	LINE	5
610602.43	4206386.03	2.16572	11.42	11.42	0	ANNUAL	LINE	5
610609.43	4206386.03	2.15215	11.33	11.33	0	ANNUAL	LINE	5
610616.43	4206386.03	2.1362	11.24	11.24	0	ANNUAL	LINE	5
610623.43	4206386.03	2.11751	11.15	11.15	0	ANNUAL	LINE	5
610630.43	4206386.03	2.09598	11.07	11.07	0	ANNUAL	LINE	5
610637.43	4206386.03	2.07176	11.07	11.07	0	ANNUAL	LINE	5
610644.43	4206386.03	2.04385	11.06	11.06	0	ANNUAL	LINE	5
610651.43	4206386.03	2.01185	11.05	11.05	0	ANNUAL	LINE	5
610658.43	4206386.03	1.97537	11.04	11.04	0	ANNUAL	LINE	5
610665.43	4206386.03	1.93415	11.04	11.04	0	ANNUAL	LINE	5
610672.43	4206386.03	1.88769	11.03	11.03	0	ANNUAL	LINE	5
610679.43	4206386.03	1.83516	11.02	11.02	0	ANNUAL	LINE	5
610686.43	4206386.03	1.7755	11.01	11.01	0	ANNUAL	LINE	5
610693.43	4206386.03	1.70824	11.01	11.01	0	ANNUAL	LINE	5
610700.43	4206386.03	1.63393	11	11	0	ANNUAL	LINE	5
610707.43	4206386.03	1.55421	10.93	10.93	0	ANNUAL	LINE	5
610714.43	4206386.03	1.47133	10.84	10.84	0	ANNUAL	LINE	5
610721.43	4206386.03	1.38752	10.74	10.74	0	ANNUAL	LINE	5
610749.43	4206386.03	1.07505	10.36	10.36	0	ANNUAL	LINE	5
610756.43	4206386.03	1.0069	10.26	10.26	0	ANNUAL	LINE	5
610763.43	4206386.03	0.94333	10.17	10.17	0	ANNUAL	LINE	5
610770.43	4206386.03	0.88426	10.07	10.07	0	ANNUAL	LINE	5
610777.43	4206386.03	0.82952	9.97	9.97	0	ANNUAL	LINE	5
610784.43	4206386.03	0.77892	9.88	9.88	0	ANNUAL	LINE	5
610791.43	4206386.03	0.73216	9.78	9.78	0	ANNUAL	LINE	5
610798.43	4206386.03	0.689	9.69	9.69	0	ANNUAL	LINE	5
610805.43	4206386.03	0.64914	9.59	9.59	0	ANNUAL	LINE	5
610812.43	4206386.03	0.61233	9.5	9.5	0	ANNUAL	LINE	5
610833.43	4206386.03	0.51772	9.21	9.21	0	ANNUAL	LINE	5
610840.43	4206386.03	0.49073	9.11	9.11	0	ANNUAL	LINE	5
610847.43	4206386.03	0.4657	9.02	9.02	0	ANNUAL	LINE	5
610854.43	4206386.03	0.44248	9	9	0	ANNUAL	LINE	5
610861.43	4206386.03	0.42089	9	9	0	ANNUAL	LINE	5
610868.43	4206386.03	0.40079	9	9	0	ANNUAL	LINE	5
610875.43	4206386.03	0.38204	9	9	0	ANNUAL	LINE	5
610882.43	4206386.03	0.36455	9	9	0	ANNUAL	LINE	5
610889.43	4206386.03	0.34819	9	9	0	ANNUAL	LINE	5
610896.43	4206386.03	0.33289	9	9	0	ANNUAL	LINE	5
610903.43	4206386.03	0.31856	9	9	0	ANNUAL	LINE	5
610910.43	4206386.03	0.30511	9	9	0	ANNUAL	LINE	5
610917.43	4206386.03	0.29248	9	9	0	ANNUAL	LINE	5
610924.43	4206386.03	0.28061	9	9	0	ANNUAL	LINE	5
610931.43	4206386.03	0.26943	9	9	0	ANNUAL	LINE	5
610938.43	4206386.03	0.25891	9	9	0	ANNUAL	LINE	5
610945.43	4206386.03	0.24898	9	9	0	ANNUAL	LINE	5
610952.43	4206386.03	0.2396	9	9	0	ANNUAL	LINE	5
610959.43	4206386.03	0.23074	9	9	0	ANNUAL	LINE	5
610966.43	4206386.03	0.22235	9	9	0	ANNUAL	LINE	5
610973.43	4206386.03	0.21442	9	9	0	ANNUAL	LINE	5
610980.43	4206386.03	0.20689	9	9	0	ANNUAL	LINE	5
610987.43	4206386.03	0.19975	9	9	0	ANNUAL	LINE	5
611015.43	4206386.03	0.17458	9	9	0	ANNUAL	LINE	5
611022.43	4206386.03	0.16902	9	9	0	ANNUAL	LINE	5
611029.43	4206386.03	0.16373	9	9	0	ANNUAL	LINE	5
611036.43	4206386.03	0.15868	9	9	0	ANNUAL	LINE	5
611043.43	4206386.03	0.15386	9	9	0	ANNUAL	LINE	5
611050.43	4206386.03	0.14925	9	9	0	ANNUAL	LINE	5
611057.43	4206386.03	0.14485	9	9	0	ANNUAL	LINE	5
611064.43	4206386.03	0.14064	9	9	0	ANNUAL	LINE	5
611078.43	4206386.03	0.13274	9	9	0	ANNUAL	LINE	5
611085.43	4206386.03	0.12904	9	9	0	ANNUAL	LINE	5
611092.43	4206386.03	0.12549	9	9	0	ANNUAL	LINE	5
610294.43	4206393.03	2.00106	11.43	11.43	0	ANNUAL	LINE	5
610301.43	4206393.03	2.00496	11.52	11.52	0	ANNUAL	LINE	5
610308.43	4206393.03	2.00917	11.62	11.62	0	ANNUAL	LINE	5
610315.43	4206393.03	2.01319	11.71	11.71	0	ANNUAL	LINE	5
610322.43	4206393.03	2.01744	11.81	11.81	0	ANNUAL	LINE	5
610329.43	4206393.03	2.02138	11.9	11.9	0	ANNUAL	LINE	5
610336.43	4206393.03	2.02555	12	12	0	ANNUAL	LINE	5
610343.43	4206393.03	2.02685	12	12	0	ANNUAL	LINE	5
610350.43	4206393.03	2.02768	12	12	0	ANNUAL	LINE	5
610357.43	4206393.03	2.02809	12	12	0	ANNUAL	LINE	5
610364.43	4206393.03	2.02817	12	12	0	ANNUAL	LINE	5
610371.43	4206393.03	2.02802	12	12	0	ANNUAL	LINE	5
610378.43	4206393.03	2.02772	12	12	0	ANNUAL	LINE	5
610385.43	4206393.03	2.02733	12	12	0	ANNUAL	LINE	5
610392.43	4206393.03	2.02691	12	12	0	ANNUAL	LINE	5
610399.43	4206393.03	2.0265	12	12	0	ANNUAL	LINE	5
610406.43	4206393.03	2.02611	12	12	0	ANNUAL	LINE	5
610413.43	4206393.03	2.02574	12	12	0	ANNUAL	LINE	5
610420.43	4206393.03	2.0254	12	12	0	ANNUAL	LINE	5
610427.43	4206393.03	2.02508	12	12	0	ANNUAL	LINE	5
610434.43	4206393.03	2.02477	12	12	0	ANNUAL	LINE	5
610441.43	4206393.03	2.02446	12	12	0	ANNUAL	LINE	5
610448.43	4206393.03	2.02412	12	12	0	ANNUAL	LINE	5
610455.43	4206393.03	2.02374	12	12	0	ANNUAL	LINE	5
610462.43	4206393.03	2.0233	12	12	0	ANNUAL	LINE	5
610469.43	4206393.03	2.02278	12	12	0	ANNUAL	LINE	5
610476.43	4206393.03	2.02215	12	12	0	ANNUAL	LINE	5
610497.43	4206393.03	2.01935	12	12	0	ANNUAL	LINE	5
610504.43	4206393.03	2.018	12	12	0	ANNUAL	LINE	5
610511.43	4206393.03	2.01636	12	12	0	ANNUAL	LINE	5
610518.43	4206393.03	2.0144	12	12	0	ANNUAL	LINE	5
610525.43	4206393.03	2.01206	12	12	0	ANNUAL	LINE	5
610532.43	4206393.03	2.00927	12	12	0	ANNUAL	LINE	5
610539.43	4206393.03	2.00597	12	12	0	ANNUAL	LINE	5
610546.43	4206393.03	2.00207	12	12	0	ANNUAL	LINE	5
610553.43	4206393.03	1.9975	12	12	0	ANNUAL	LINE	5
610560.43	4206393.03	1.99263	11.95	11.95	0	ANNUAL	LINE	5
610567.43	4206393.03	1.98737	11.87	11.87	0	ANNUAL	LINE	5
610574.43	4206393.03	1.98124	11.79	11.79	0	ANNUAL	LINE	5
610581.43	4206393.03	1.97426	11.71	11.71	0	ANNUAL	LINE	5
610588.43	4206393.03	1.96625	11.63	11.63	0	ANNUAL	LINE	5
610595.43	4206393.03	1.95713	11.54	11.54	0	ANNUAL	LINE	5
610602.43	4206393.03	1.94664	11.46	11.46	0	ANNUAL	LINE	5
610609.43	4206393.03	1.93457	11.38	11.38	0	ANNUAL	LINE	5
610616.43	4206393.03	1.92064	11.3	11.3	0	ANNUAL	LINE	5
610623.43	4206393.03	1.90465	11.22	11.22	0	ANNUAL	LINE	5
610630.43	4206393.03	1.8863	11.15	11.15	0	ANNUAL	LINE	5
610637.43	4206393.03	1.86562	11.13	11.13	0	ANNUAL	LINE	5
610644.43	4206393.03	1.84222	11.12	11.12	0	ANNUAL	LINE	5
610651.43	4206393.03	1.81567	11.1	11.1	0	ANNUAL	LINE	5
610658.43	4206393.03	1.78579	11.09	11.09	0	ANNUAL	LINE	5
610665.43	4206393.03	1.75231	11.07	11.07	0	ANNUAL	LINE	5
610672.43	4206393.03	1.71498	11.06	11.06	0	ANNUAL	LINE	5
610679.43	4206393.03	1.67322	11.04	11.04	0	ANNUAL	LINE	5
610686.43	4206393.03	1.62633	11.03	11.03	0	ANNUAL	LINE	5
610693.43	4206393.03	1.5738	11.02	11.02	0	ANNUAL	LINE	5
610700.43	4206393.03	1.51573	11	11	0	ANNUAL	LINE	5
610707.43	4206393.03	1.45287	10.93	10.93	0	ANNUAL	LINE	5
610714.43	4206393.03	1.38654	10.83	10.83	0	ANNUAL	LINE	5
610721.43	4206393.03	1.31828	10.74	10.74	0	ANNUAL	LINE	5
610742.43	4206393.03	1.11525	10.45	10.45	0	ANNUAL	LINE	5
610749.43	4206393.03	1.0515	10.36	10.36	0	ANNUAL	LINE	5
610756.43	4206393.03	0.9907	10.26	10.26	0	ANNUAL	LINE	5
610763.43	4206393.03	0.93315	10.16	10.16	0	ANNUAL	LINE	5
610770.43	4206393.03	0.87897	10.07	10.07	0	ANNUAL	LINE	5
610777.43	4206393.03	0.82817	9.97	9.97	0	ANNUAL	LINE	5
610784.43	4206393.03	0.7807	9.88	9.88	0	ANNUAL	LINE	5
610791.43	4206393.03	0.73641	9.78	9.78	0	ANNUAL	LINE	5
610798.43	4206393.03	0.69517	9.69	9.69	0	ANNUAL	LINE	5
610805.43	4206393.03	0.65678	9.59	9.59	0	ANNUAL	LINE	5
610812.43	4206393.03	0.62109	9.5	9.5	0	ANNUAL	LINE	5
610833.43	4206393.03	0.52827	9.21	9.21	0	ANNUAL	LINE	5
610840.43	4206393.03	0.50151	9.11	9.11	0	ANNUAL	LINE	5
610847.43	4206393.03	0.47659	9.02	9.02	0	ANNUAL	LINE	5
610854.43	4206393.03	0.45339	9	9	0	ANNUAL	LINE	5
610861.43	4206393.03	0.43174	9	9	0	ANNUAL	LINE	5
610868.43	4206393.03	0.41152	9	9	0	ANNUAL	LINE	5
610875.43	4206393.03	0.39261	9	9	0	ANNUAL	LINE	5
610882.43	4206393.03	0.37492	9	9	0	ANNUAL	LINE	5
610889.43	4206393.03	0.35834	9	9	0	ANNUAL	LINE	5
610896.43	4206393.03	0.34279	9	9	0	ANNUAL	LINE	5
610903.43	4206393.03	0.3282	9	9	0	ANNUAL	LINE	5
610910.43	4206393.03	0.31449	9	9	0	ANNUAL	LINE	5
610917.43	4206393.03	0.30159	9	9	0	ANNUAL	LINE	5
610924.43	4206393.03	0.28945	9	9	0	ANNUAL	LINE	5
610931.43	4206393.03	0.27801	9	9	0	ANNUAL	LINE	5
610938.43	4206393.03	0.26721	9	9	0	ANNUAL	LINE	5
610945.43	4206393.03	0.25702	9	9	0	ANNUAL	LINE	5
610952.43	4206393.03	0.24738	9	9	0	ANNUAL	LINE	5
610959.43	4206393.03	0.23827	9	9	0	ANNUAL	LINE	5
610966.43	4206393.03	0.22964	9	9	0	ANNUAL	LINE	5
610973.43	4206393.03	0.22146	9	9	0	ANNUAL	LINE	5
610980.43	4206393.03	0.2137	9	9	0	ANNUAL	LINE	5
610987.43	4206393.03	0.20634	9	9	0	ANNUAL	LINE	5
611008.43	4206393.03	0.18636	9	9	0	ANNUAL	LINE	5
611015.43	4206393.03	0.18034	9	9	0	ANNUAL	LINE	5
611022.43	4206393.03	0.17459	9	9	0	ANNUAL	LINE	5

611029.43	4206393.03	0.16912	9	9	0	ANNUAL	LINE	5
611036.43	4206393.03	0.16389	9	9	0	ANNUAL	LINE	5
611043.43	4206393.03	0.1589	9	9	0	ANNUAL	LINE	5
611050.43	4206393.03	0.15413	9	9	0	ANNUAL	LINE	5
611057.43	4206393.03	0.14957	9	9	0	ANNUAL	LINE	5
611064.43	4206393.03	0.14521	9	9	0	ANNUAL	LINE	5
611078.43	4206393.03	0.13703	9	9	0	ANNUAL	LINE	5
611085.43	4206393.03	0.1332	9	9	0	ANNUAL	LINE	5
611092.43	4206393.03	0.12952	9	9	0	ANNUAL	LINE	5
610294.43	4206400.03	1.82385	11.43	11.43	0	ANNUAL	LINE	5
610301.43	4206400.03	1.82709	11.52	11.52	0	ANNUAL	LINE	5
610308.43	4206400.03	1.83053	11.62	11.62	0	ANNUAL	LINE	5
610315.43	4206400.03	1.83387	11.71	11.71	0	ANNUAL	LINE	5
610322.43	4206400.03	1.83738	11.81	11.81	0	ANNUAL	LINE	5
610329.43	4206400.03	1.84088	11.91	11.91	0	ANNUAL	LINE	5
610336.43	4206400.03	1.8442	12	12	0	ANNUAL	LINE	5
610343.43	4206400.03	1.84571	12	12	0	ANNUAL	LINE	5
610350.43	4206400.03	1.84678	12	12	0	ANNUAL	LINE	5
610357.43	4206400.03	1.84745	12	12	0	ANNUAL	LINE	5
610364.43	4206400.03	1.84778	12	12	0	ANNUAL	LINE	5
610371.43	4206400.03	1.84783	12	12	0	ANNUAL	LINE	5
610378.43	4206400.03	1.84768	12	12	0	ANNUAL	LINE	5
610385.43	4206400.03	1.84738	12	12	0	ANNUAL	LINE	5
610392.43	4206400.03	1.84698	12	12	0	ANNUAL	LINE	5
610399.43	4206400.03	1.84653	12	12	0	ANNUAL	LINE	5
610406.43	4206400.03	1.84604	12	12	0	ANNUAL	LINE	5
610413.43	4206400.03	1.84554	12	12	0	ANNUAL	LINE	5
610420.43	4206400.03	1.84502	12	12	0	ANNUAL	LINE	5
610427.43	4206400.03	1.84448	12	12	0	ANNUAL	LINE	5
610434.44	4206400.03	1.84393	12	12	0	ANNUAL	LINE	5
610441.43	4206400.03	1.84335	12	12	0	ANNUAL	LINE	5
610448.43	4206400.03	1.84273	12	12	0	ANNUAL	LINE	5
610455.43	4206400.03	1.84206	12	12	0	ANNUAL	LINE	5
610462.43	4206400.03	1.84131	12	12	0	ANNUAL	LINE	5
610469.43	4206400.03	1.84048	12	12	0	ANNUAL	LINE	5
610476.43	4206400.03	1.83954	12	12	0	ANNUAL	LINE	5
610497.43	4206400.03	1.83583	12	12	0	ANNUAL	LINE	5
610504.43	4206400.03	1.8342	12	12	0	ANNUAL	LINE	5
610511.43	4206400.03	1.83231	12	12	0	ANNUAL	LINE	5
610518.43	4206400.03	1.83012	12	12	0	ANNUAL	LINE	5
610525.43	4206400.03	1.82759	12	12	0	ANNUAL	LINE	5
610532.43	4206400.03	1.82466	12	12	0	ANNUAL	LINE	5
610539.43	4206400.03	1.82128	12	12	0	ANNUAL	LINE	5
610546.43	4206400.03	1.81738	12	12	0	ANNUAL	LINE	5
610553.43	4206400.03	1.81289	12	12	0	ANNUAL	LINE	5
610560.43	4206400.03	1.80812	11.95	11.95	0	ANNUAL	LINE	5
610567.43	4206400.03	1.8029	11.88	11.88	0	ANNUAL	LINE	5
610574.43	4206400.03	1.79697	11.81	11.81	0	ANNUAL	LINE	5
610581.43	4206400.03	1.7904	11.73	11.73	0	ANNUAL	LINE	5
610588.43	4206400.03	1.78281	11.66	11.66	0	ANNUAL	LINE	5
610595.43	4206400.03	1.77439	11.58	11.58	0	ANNUAL	LINE	5
610602.43	4206400.03	1.76481	11.51	11.51	0	ANNUAL	LINE	5
610609.43	4206400.03	1.754	11.44	11.44	0	ANNUAL	LINE	5
610616.43	4206400.03	1.74184	11.36	11.36	0	ANNUAL	LINE	5
610623.43	4206400.03	1.72798	11.29	11.29	0	ANNUAL	LINE	5
610630.43	4206400.03	1.71231	11.22	11.22	0	ANNUAL	LINE	5
610637.43	4206400.03	1.69465	11.2	11.2	0	ANNUAL	LINE	5
610644.43	4206400.03	1.6748	11.18	11.18	0	ANNUAL	LINE	5
610651.43	4206400.03	1.65252	11.16	11.16	0	ANNUAL	LINE	5
610658.43	4206400.03	1.62765	11.13	11.13	0	ANNUAL	LINE	5
610665.43	4206400.03	1.60005	11.11	11.11	0	ANNUAL	LINE	5
610672.43	4206400.03	1.56949	11.09	11.09	0	ANNUAL	LINE	5
610679.43	4206400.03	1.53562	11.07	11.07	0	ANNUAL	LINE	5
610686.43	4206400.03	1.49795	11.05	11.05	0	ANNUAL	LINE	5
610693.43	4206400.03	1.45607	11.03	11.03	0	ANNUAL	LINE	5
610700.43	4206400.03	1.40989	11.01	11.01	0	ANNUAL	LINE	5
610707.43	4206400.03	1.35969	10.93	10.93	0	ANNUAL	LINE	5
610714.43	4206400.03	1.30622	10.83	10.83	0	ANNUAL	LINE	5
610721.43	4206400.03	1.25044	10.74	10.74	0	ANNUAL	LINE	5
610735.43	4206400.03	1.13596	10.55	10.55	0	ANNUAL	LINE	5
610742.43	4206400.03	1.07913	10.45	10.45	0	ANNUAL	LINE	5
610749.43	4206400.03	1.02356	10.35	10.35	0	ANNUAL	LINE	5
610756.43	4206400.03	0.96979	10.26	10.26	0	ANNUAL	LINE	5
610763.43	4206400.03	0.91817	10.16	10.16	0	ANNUAL	LINE	5
610770.43	4206400.03	0.86897	10.07	10.07	0	ANNUAL	LINE	5
610777.43	4206400.03	0.82229	9.97	9.97	0	ANNUAL	LINE	5
610784.43	4206400.03	0.77821	9.88	9.88	0	ANNUAL	LINE	5
610791.43	4206400.03	0.73669	9.78	9.78	0	ANNUAL	LINE	5
610798.43	4206400.03	0.69768	9.69	9.69	0	ANNUAL	LINE	5
610805.43	4206400.03	0.66109	9.59	9.59	0	ANNUAL	LINE	5
610812.43	4206400.03	0.6268	9.49	9.49	0	ANNUAL	LINE	5
610833.43	4206400.03	0.53658	9.21	9.21	0	ANNUAL	LINE	5
610840.43	4206400.03	0.51029	9.11	9.11	0	ANNUAL	LINE	5
610847.43	4206400.03	0.4857	9.02	9.02	0	ANNUAL	LINE	5
610854.43	4206400.03	0.4627	9	9	0	ANNUAL	LINE	5
610861.43	4206400.03	0.44116	9	9	0	ANNUAL	LINE	5
610868.43	4206400.03	0.42097	9	9	0	ANNUAL	LINE	5
610875.43	4206400.03	0.40204	9	9	0	ANNUAL	LINE	5
610882.43	4206400.03	0.38427	9	9	0	ANNUAL	LINE	5
610889.43	4206400.03	0.36758	9	9	0	ANNUAL	LINE	5
610896.43	4206400.03	0.35189	9	9	0	ANNUAL	LINE	5
610903.43	4206400.03	0.33712	9	9	0	ANNUAL	LINE	5
610910.43	4206400.03	0.32323	9	9	0	ANNUAL	LINE	5
610917.43	4206400.03	0.31013	9	9	0	ANNUAL	LINE	5
610924.43	4206400.03	0.29778	9	9	0	ANNUAL	LINE	5
610931.43	4206400.03	0.28612	9	9	0	ANNUAL	LINE	5
610938.43	4206400.03	0.27511	9	9	0	ANNUAL	LINE	5
610945.43	4206400.03	0.26469	9	9	0	ANNUAL	LINE	5
610952.43	4206400.03	0.25484	9	9	0	ANNUAL	LINE	5
610959.43	4206400.03	0.24551	9	9	0	ANNUAL	LINE	5
610966.43	4206400.03	0.23666	9	9	0	ANNUAL	LINE	5
610973.43	4206400.03	0.22828	9	9	0	ANNUAL	LINE	5
610980.43	4206400.03	0.22031	9	9	0	ANNUAL	LINE	5
611008.43	4206400.03	0.19219	9	9	0	ANNUAL	LINE	5
611015.43	4206400.03	0.18599	9	9	0	ANNUAL	LINE	5
611022.43	4206400.03	0.18007	9	9	0	ANNUAL	LINE	5
611029.43	4206400.03	0.17442	9	9	0	ANNUAL	LINE	5
611036.43	4206400.03	0.16903	9	9	0	ANNUAL	LINE	5
611043.43	4206400.03	0.16388	9	9	0	ANNUAL	LINE	5
611050.43	4206400.03	0.15896	9	9	0	ANNUAL	LINE	5
611057.43	4206400.03	0.15425	9	9	0	ANNUAL	LINE	5
611064.43	4206400.03	0.14974	9	9	0	ANNUAL	LINE	5
611078.43	4206400.03	0.14129	9	9	0	ANNUAL	LINE	5
611085.43	4206400.03	0.13733	9	9	0	ANNUAL	LINE	5
611092.43	4206400.03	0.13353	9	9	0	ANNUAL	LINE	5
610294.43	4206407.03	1.67189	11.43	11.43	0	ANNUAL	LINE	5
610301.43	4206407.03	1.67467	11.52	11.52	0	ANNUAL	LINE	5
610308.43	4206407.03	1.67756	11.62	11.62	0	ANNUAL	LINE	5
610315.43	4206407.03	1.68051	11.72	11.72	0	ANNUAL	LINE	5
610322.43	4206407.03	1.68335	11.81	11.81	0	ANNUAL	LINE	5
610329.43	4206407.03	1.6863	11.91	11.91	0	ANNUAL	LINE	5
610336.43	4206407.03	1.68916	12	12	0	ANNUAL	LINE	5
610343.43	4206407.03	1.69079	12	12	0	ANNUAL	LINE	5
610350.43	4206407.03	1.69204	12	12	0	ANNUAL	LINE	5
610357.43	4206407.03	1.69291	12	12	0	ANNUAL	LINE	5
610364.43	4206407.03	1.69345	12	12	0	ANNUAL	LINE	5
610371.43	4206407.03	1.69371	12	12	0	ANNUAL	LINE	5
610378.43	4206407.03	1.69373	12	12	0	ANNUAL	LINE	5
610385.43	4206407.03	1.69357	12	12	0	ANNUAL	LINE	5
610392.43	4206407.03	1.69327	12	12	0	ANNUAL	LINE	5
610399.43	4206407.03	1.69286	12	12	0	ANNUAL	LINE	5
610406.43	4206407.03	1.69237	12	12	0	ANNUAL	LINE	5
610413.43	4206407.03	1.69183	12	12	0	ANNUAL	LINE	5
610420.43	4206407.03	1.69123	12	12	0	ANNUAL	LINE	5
610427.43	4206407.03	1.69059	12	12	0	ANNUAL	LINE	5
610434.44	4206407.03	1.68991	12	12	0	ANNUAL	LINE	5
610441.43	4206407.03	1.68918	12	12	0	ANNUAL	LINE	5
610448.43	4206407.03	1.68839	12	12	0	ANNUAL	LINE	5
610455.43	4206407.03	1.68754	12	12	0	ANNUAL	LINE	5
610462.43	4206407.03	1.68661	12	12	0	ANNUAL	LINE	5
610469.43	4206407.03	1.68558	12	12	0	ANNUAL	LINE	5
610476.43	4206407.03	1.68444	12	12	0	ANNUAL	LINE	5
610497.43	4206407.03	1.68016	12	12	0	ANNUAL	LINE	5
610504.43	4206407.03	1.67836	12	12	0	ANNUAL	LINE	5
610511.43	4206407.03	1.67633	12	12	0	ANNUAL	LINE	5
610518.43	4206407.03	1.67403	12	12	0	ANNUAL	LINE	5
610525.43	4206407.03	1.67141	12	12	0	ANNUAL	LINE	5
610532.43	4206407.03	1.66844	12	12	0	ANNUAL	LINE	5
610539.43	4206407.03	1.66507	12	12	0	ANNUAL	LINE	5
610546.43	4206407.03	1.66125	12	12	0	ANNUAL	LINE	5
610553.43	4206407.03	1.65691	12	12	0	ANNUAL	LINE	5
610560.43	4206407.03	1.65223	11.96	11.96	0	ANNUAL	LINE	5
610567.43	4206407.03	1.6472	11.89	11.89	0	ANNUAL	LINE	5
610574.43	4206407.03	1.64158	11.82	11.82	0	ANNUAL	LINE	5
610581.43	4206407.03	1.63527	11.76	11.76	0	ANNUAL	LINE	5
610588.43	4206407.03	1.62825	11.69	11.69	0	ANNUAL	LINE	5
610595.43	4206407.03	1.62048	11.62	11.62	0	ANNUAL	LINE	5
610602.43	4206407.03	1.6117	11.56	11.56	0	ANNUAL	LINE	5
610609.43	4206407.03	1.60208	11.49	11.49	0	ANNUAL	LINE	5
610616.43	4206407.03	1.5913	11.42	11.42	0	ANNUAL	LINE	5
610623.43	4206407.03	1.57919	11.36	11.36	0	ANNUAL	LINE	5
610630.43	4206407.03	1.56564	11.3	11.3	0	ANNUAL	LINE	5
610637.43	4206407.03	1.55046	11.27	11.27	0	ANNUAL	LINE	5
610644.43	4206407.03	1.53352	11.24	11.24	0	ANNUAL	LINE	5
610651.43	4206407.03	1.51467	11.21	11.21	0	ANNUAL	LINE	5
610658.43	4206407.03	1.49377	11.18	11.18	0	ANNUAL	LINE	5
610665.43	4206407.03	1.47068	11.15	11.15	0	ANNUAL	LINE	5
610672.43	4206407.03	1.44528	11.12	11.12	0	ANNUAL	LINE	5
610679.43	4206407.03	1.41734	11.09	11.09	0	ANNUAL	LINE	5
610686.43	4206407.03	1.38653	11.06	11.06	0	ANNUAL	LINE	5
610693.43	4206407.03	1.35255	11.03	11.03	0	ANNUAL	LINE	5
610700.43	4206407.03	1.31523	11.01	11.01	0	ANNUAL	LINE	5
610707.43	4206407.03	1.27463	10.93	10.93	0	ANNUAL	LINE	5
610714.43	4206407.03	1.23112	10.83	10.83	0	ANNUAL	LINE	5
610721.43	4206407.03	1.1853	10.74	10.74	0	ANNUAL	LINE	5
610735.43	4206407.03	1.08943	10.54	10.54	0	ANNUAL	LINE	5
610742.43	4206407.03	1.04085	10.45	10.45	0	ANNUAL	LINE	5
610749.43	4206407.03	0.99267	10.35	10.35	0	ANNUAL	LINE	5
610756.43	4206407.03	0.94541	10.26	10.26	0	ANNUAL	LINE	5
610763.43	4206407.03	0.89946	10.16	10.16	0	ANNUAL	LINE	5
610770.43	4206407.03	0.85513	10.07	10.07	0	ANNUAL	LINE	5
610777.43	4206407.03	0.8126	9.97	9.97	0	ANNUAL	LINE	5
610784.43	4206407.03	0.77202	9.88	9.88	0	ANNUAL	LINE	5
610791.43	4206407.03	0.73344	9.78	9.78	0	ANNUAL	LINE	5
610798.43	4206407.03	0.69686	9.68	9.68	0	ANNUAL	LINE	5
610805.43	4206407.03	0.66229	9.59	9.59	0	ANNUAL	LINE	5
610812.43	4206407.03	0.62966	9.49	9.49	0	ANNUAL	LINE	5
610833.43	4206407.03	0.54271	9.21	9.21	0	ANNUAL	LINE	5
610840.43	4206407.03	0.51708	9.11	9.11	0	ANNUAL	LINE	5
610847.43	4206407.03	0.49299	9.01	9.01	0	ANNUAL	LINE	5
610854.43	4206407.03	0.47037	9	9	0	ANNUAL	LINE	5
610861.43	4206407.03	0.4491	9	9	0	ANNUAL	LINE	5
610868.43	4206407.03	0.4291	9	9	0	ANNUAL	LINE	5
610875.43	4206407.03	0.41027	9	9	0	ANNUAL	LINE	5
610882.43	4206407.03	0.39254	9	9	0	ANNUAL	LINE	5
610889.43	4206407.03	0.37584	9	9	0	ANNUAL	LINE	5
610896.43	4206407.03	0.3601	9	9	0	ANNUAL	LINE	5
610903.43	4206407.03	0.34526	9	9	0	ANNUAL	LINE	5
610910.43	4206407.03	0.33126	9	9	0	ANNUAL	LINE	5
610917.43	4206407.03	0.31803	9	9	0	ANNUAL	LINE	5
610924.43	4206407.03	0.30554	9	9	0	ANNUAL	LINE	5
610931.43	4206407.03	0.29372	9	9	0	ANNUAL	LINE	5
610938.43	4206407.03	0.28254	9	9	0	ANNUAL	LINE	5
610945.43	4206407.03	0.27196	9	9	0	ANNUAL	LINE	5
610952.43	4206407.03	0.26193	9	9	0	ANNUAL	LINE	5
610959.43	4206407.03	0.25242	9	9	0	ANNUAL	LINE	5
610966.43	4206407.03	0.24339	9	9	0	ANNUAL	LINE	5
610973.43	4206407.03	0.23483	9	9	0	ANNUAL	LINE	5
610980.43	4206407.03	0.22668	9	9	0	ANNUAL	LINE	5
611001.43	4206407.03	0.20456	9	9	0	ANNUAL	LINE	5
611008.43	4206407.03	0.19787	9	9	0	ANNUAL	LINE	5

611015.43	4206407.03	0.1915	9	9	0	ANNUAL	LINE	5
611022.43	4206407.03	0.18542	9	9	0	ANNUAL	LINE	5
611029.43	4206407.03	0.17862	9	9	0	ANNUAL	LINE	5
611036.43	4206407.03	0.17408	9	9	0	ANNUAL	LINE	5
611043.43	4206407.03	0.16878	9	9	0	ANNUAL	LINE	5
611050.43	4206407.03	0.16371	9	9	0	ANNUAL	LINE	5
611057.43	4206407.03	0.15887	9	9	0	ANNUAL	LINE	5
611064.43	4206407.03	0.15422	9	9	0	ANNUAL	LINE	5
611078.43	4206407.03	0.14552	9	9	0	ANNUAL	LINE	5
611085.43	4206407.03	0.14143	9	9	0	ANNUAL	LINE	5
611092.43	4206407.03	0.13751	9	9	0	ANNUAL	LINE	5
610294.43	4206414.03	1.54013	11.43	11.43	0	ANNUAL	LINE	5
610301.43	4206414.03	1.54269	11.53	11.53	0	ANNUAL	LINE	5
610308.43	4206414.03	1.54509	11.62	11.62	0	ANNUAL	LINE	5
610315.43	4206414.03	1.54764	11.72	11.72	0	ANNUAL	LINE	5
610322.43	4206414.03	1.5501	11.81	11.81	0	ANNUAL	LINE	5
610329.43	4206414.03	1.55265	11.91	11.91	0	ANNUAL	LINE	5
610336.43	4206414.03	1.55515	12	12	0	ANNUAL	LINE	5
610343.43	4206414.03	1.55684	12	12	0	ANNUAL	LINE	5
610350.43	4206414.03	1.5582	12	12	0	ANNUAL	LINE	5
610357.43	4206414.03	1.55923	12	12	0	ANNUAL	LINE	5
610364.43	4206414.03	1.55995	12	12	0	ANNUAL	LINE	5
610371.43	4206414.03	1.56039	12	12	0	ANNUAL	LINE	5
610378.43	4206414.03	1.56059	12	12	0	ANNUAL	LINE	5
610385.43	4206414.03	1.56059	12	12	0	ANNUAL	LINE	5
610392.43	4206414.03	1.56041	12	12	0	ANNUAL	LINE	5
610399.43	4206414.03	1.5601	12	12	0	ANNUAL	LINE	5
610406.43	4206414.03	1.55968	12	12	0	ANNUAL	LINE	5
610413.43	4206414.03	1.55916	12	12	0	ANNUAL	LINE	5
610420.43	4206414.03	1.55856	12	12	0	ANNUAL	LINE	5
610427.43	4206414.03	1.5579	12	12	0	ANNUAL	LINE	5
610434.43	4206414.03	1.55716	12	12	0	ANNUAL	LINE	5
610441.43	4206414.03	1.55637	12	12	0	ANNUAL	LINE	5
610448.43	4206414.03	1.55549	12	12	0	ANNUAL	LINE	5
610455.43	4206414.03	1.55455	12	12	0	ANNUAL	LINE	5
610462.43	4206414.03	1.55351	12	12	0	ANNUAL	LINE	5
610469.43	4206414.03	1.55237	12	12	0	ANNUAL	LINE	5
610476.43	4206414.03	1.55113	12	12	0	ANNUAL	LINE	5
610497.43	4206414.03	1.54653	12	12	0	ANNUAL	LINE	5
610504.43	4206414.03	1.54465	12	12	0	ANNUAL	LINE	5
610511.43	4206414.03	1.54255	12	12	0	ANNUAL	LINE	5
610518.43	4206414.03	1.54021	12	12	0	ANNUAL	LINE	5
610525.43	4206414.03	1.53758	12	12	0	ANNUAL	LINE	5
610532.43	4206414.03	1.53463	12	12	0	ANNUAL	LINE	5
610539.43	4206414.03	1.53133	12	12	0	ANNUAL	LINE	5
610546.43	4206414.03	1.52763	12	12	0	ANNUAL	LINE	5
610553.43	4206414.03	1.52348	12	12	0	ANNUAL	LINE	5
610560.43	4206414.03	1.519	11.96	11.96	0	ANNUAL	LINE	5
610567.43	4206414.03	1.51416	11.9	11.9	0	ANNUAL	LINE	5
610574.43	4206414.03	1.50882	11.84	11.84	0	ANNUAL	LINE	5
610581.43	4206414.03	1.50291	11.78	11.78	0	ANNUAL	LINE	5
610588.43	4206414.03	1.49639	11.72	11.72	0	ANNUAL	LINE	5
610595.43	4206414.03	1.48918	11.66	11.66	0	ANNUAL	LINE	5
610602.43	4206414.03	1.48122	11.61	11.61	0	ANNUAL	LINE	5
610609.43	4206414.03	1.47245	11.55	11.55	0	ANNUAL	LINE	5
610616.43	4206414.03	1.46287	11.49	11.49	0	ANNUAL	LINE	5
610623.43	4206414.03	1.45223	11.43	11.43	0	ANNUAL	LINE	5
610630.43	4206414.03	1.44046	11.37	11.37	0	ANNUAL	LINE	5
610637.43	4206414.03	1.42732	11.33	11.33	0	ANNUAL	LINE	5
610644.43	4206414.03	1.41272	11.3	11.3	0	ANNUAL	LINE	5
610651.43	4206414.03	1.39667	11.26	11.26	0	ANNUAL	LINE	5
610658.43	4206414.03	1.3789	11.22	11.22	0	ANNUAL	LINE	5
610665.43	4206414.03	1.35942	11.19	11.19	0	ANNUAL	LINE	5
610672.43	4206414.03	1.33804	11.15	11.15	0	ANNUAL	LINE	5
610679.43	4206414.03	1.31467	11.11	11.11	0	ANNUAL	LINE	5
610686.43	4206414.03	1.2891	11.08	11.08	0	ANNUAL	LINE	5
610693.43	4206414.03	1.26108	11.04	11.04	0	ANNUAL	LINE	5
610700.43	4206414.03	1.23048	11.01	11.01	0	ANNUAL	LINE	5
610707.43	4206414.03	1.19721	10.93	10.93	0	ANNUAL	LINE	5
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610721.43	4206414.03	1.12356	10.73	10.73	0	ANNUAL	LINE	5
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610742.43	4206414.03	1.00164	10.45	10.45	0	ANNUAL	LINE	5
610749.43	4206414.03	0.95998	10.35	10.35	0	ANNUAL	LINE	5
610756.43	4206414.03	0.91864	10.26	10.26	0	ANNUAL	LINE	5
610763.43	4206414.03	0.87796	10.16	10.16	0	ANNUAL	LINE	5
610770.43	4206414.03	0.83827	10.07	10.07	0	ANNUAL	LINE	5
610777.43	4206414.03	0.79979	9.97	9.97	0	ANNUAL	LINE	5
610784.43	4206414.03	0.7627	9.87	9.87	0	ANNUAL	LINE	5
610791.43	4206414.03	0.72712	9.78	9.78	0	ANNUAL	LINE	5
610798.43	4206414.03	0.6931	9.68	9.68	0	ANNUAL	LINE	5
610805.43	4206414.03	0.66069	9.59	9.59	0	ANNUAL	LINE	5
610812.43	4206414.03	0.62987	9.49	9.49	0	ANNUAL	LINE	5
610833.43	4206414.03	0.54671	9.2	9.2	0	ANNUAL	LINE	5
610840.43	4206414.03	0.52192	9.11	9.11	0	ANNUAL	LINE	5
610847.43	4206414.03	0.4985	9.01	9.01	0	ANNUAL	LINE	5
610854.43	4206414.03	0.47642	9	9	0	ANNUAL	LINE	5
610861.43	4206414.03	0.45556	9	9	0	ANNUAL	LINE	5
610868.43	4206414.03	0.43586	9	9	0	ANNUAL	LINE	5
610875.43	4206414.03	0.41726	9	9	0	ANNUAL	LINE	5
610882.43	4206414.03	0.39969	9	9	0	ANNUAL	LINE	5
610889.43	4206414.03	0.38309	9	9	0	ANNUAL	LINE	5
610896.43	4206414.03	0.3674	9	9	0	ANNUAL	LINE	5
610903.43	4206414.03	0.35256	9	9	0	ANNUAL	LINE	5
610910.43	4206414.03	0.33853	9	9	0	ANNUAL	LINE	5
610917.43	4206414.03	0.32525	9	9	0	ANNUAL	LINE	5
610924.43	4206414.03	0.31268	9	9	0	ANNUAL	LINE	5
610931.43	4206414.03	0.30077	9	9	0	ANNUAL	LINE	5
610938.43	4206414.03	0.28948	9	9	0	ANNUAL	LINE	5
610945.43	4206414.03	0.27877	9	9	0	ANNUAL	LINE	5
610952.43	4206414.03	0.26861	9	9	0	ANNUAL	LINE	5
610959.43	4206414.03	0.25896	9	9	0	ANNUAL	LINE	5
610966.43	4206414.03	0.24979	9	9	0	ANNUAL	LINE	5
610973.43	4206414.03	0.24107	9	9	0	ANNUAL	LINE	5
610980.43	4206414.03	0.23278	9	9	0	ANNUAL	LINE	5
611001.43	4206414.03	0.21021	9	9	0	ANNUAL	LINE	5
611008.43	4206414.03	0.20338	9	9	0	ANNUAL	LINE	5
611015.43	4206414.03	0.19686	9	9	0	ANNUAL	LINE	5
611022.43	4206414.03	0.19063	9	9	0	ANNUAL	LINE	5
611029.43	4206414.03	0.18469	9	9	0	ANNUAL	LINE	5
611036.43	4206414.03	0.17901	9	9	0	ANNUAL	LINE	5
611043.43	4206414.03	0.17358	9	9	0	ANNUAL	LINE	5
611050.43	4206414.03	0.16838	9	9	0	ANNUAL	LINE	5
611057.43	4206414.03	0.1634	9	9	0	ANNUAL	LINE	5
611064.43	4206414.03	0.15863	9	9	0	ANNUAL	LINE	5
611078.43	4206414.03	0.14968	9	9	0	ANNUAL	LINE	5
611085.43	4206414.03	0.14548	9	9	0	ANNUAL	LINE	5
611092.43	4206414.03	0.14145	9	9	0	ANNUAL	LINE	5
610294.43	4206421.03	1.42478	11.43	11.43	0	ANNUAL	LINE	5
610301.43	4206421.03	1.42709	11.53	11.53	0	ANNUAL	LINE	5
610308.43	4206421.03	1.42927	11.62	11.62	0	ANNUAL	LINE	5
610315.43	4206421.03	1.43153	11.72	11.72	0	ANNUAL	LINE	5
610322.43	4206421.03	1.43372	11.81	11.81	0	ANNUAL	LINE	5
610329.43	4206421.03	1.43596	11.91	11.91	0	ANNUAL	LINE	5
610336.43	4206421.03	1.43818	12	12	0	ANNUAL	LINE	5
610343.43	4206421.03	1.4399	12	12	0	ANNUAL	LINE	5
610350.43	4206421.03	1.44134	12	12	0	ANNUAL	LINE	5
610357.43	4206421.03	1.44249	12	12	0	ANNUAL	LINE	5
610364.43	4206421.03	1.44336	12	12	0	ANNUAL	LINE	5
610371.43	4206421.03	1.44396	12	12	0	ANNUAL	LINE	5
610378.43	4206421.03	1.44433	12	12	0	ANNUAL	LINE	5
610385.43	4206421.03	1.44448	12	12	0	ANNUAL	LINE	5
610392.43	4206421.03	1.44445	12	12	0	ANNUAL	LINE	5
610399.43	4206421.03	1.44425	12	12	0	ANNUAL	LINE	5
610406.43	4206421.03	1.44393	12	12	0	ANNUAL	LINE	5
610413.43	4206421.03	1.44348	12	12	0	ANNUAL	LINE	5
610420.43	4206421.03	1.44294	12	12	0	ANNUAL	LINE	5
610427.43	4206421.03	1.4423	12	12	0	ANNUAL	LINE	5
610434.43	4206421.03	1.44158	12	12	0	ANNUAL	LINE	5
610441.43	4206421.03	1.44077	12	12	0	ANNUAL	LINE	5
610448.43	4206421.03	1.43988	12	12	0	ANNUAL	LINE	5
610455.43	4206421.03	1.43889	12	12	0	ANNUAL	LINE	5
610462.43	4206421.03	1.43782	12	12	0	ANNUAL	LINE	5
610469.43	4206421.03	1.43664	12	12	0	ANNUAL	LINE	5
610476.43	4206421.03	1.43534	12	12	0	ANNUAL	LINE	5
610497.43	4206421.03	1.43062	12	12	0	ANNUAL	LINE	5
610504.43	4206421.03	1.42872	12	12	0	ANNUAL	LINE	5
610511.43	4206421.03	1.42661	12	12	0	ANNUAL	LINE	5
610518.43	4206421.03	1.42428	12	12	0	ANNUAL	LINE	5
610525.43	4206421.03	1.42169	12	12	0	ANNUAL	LINE	5
610532.43	4206421.03	1.41882	12	12	0	ANNUAL	LINE	5
610539.43	4206421.03	1.41562	12	12	0	ANNUAL	LINE	5
610546.43	4206421.03	1.41208	12	12	0	ANNUAL	LINE	5
610553.43	4206421.03	1.40813	12	12	0	ANNUAL	LINE	5
610560.43	4206421.03	1.40388	11.96	11.96	0	ANNUAL	LINE	5
610567.43	4206421.03	1.39926	11.91	11.91	0	ANNUAL	LINE	5
610574.43	4206421.03	1.39423	11.86	11.86	0	ANNUAL	LINE	5
610581.43	4206421.03	1.38866	11.81	11.81	0	ANNUAL	LINE	5
610588.43	4206421.03	1.3826	11.76	11.76	0	ANNUAL	LINE	5
610595.43	4206421.03	1.37595	11.71	11.71	0	ANNUAL	LINE	5
610602.43	4206421.03	1.36875	11.65	11.65	0	ANNUAL	LINE	5
610609.43	4206421.03	1.36085	11.6	11.6	0	ANNUAL	LINE	5
610616.43	4206421.03	1.35217	11.55	11.55	0	ANNUAL	LINE	5
610623.43	4206421.03	1.3428	11.49	11.49	0	ANNUAL	LINE	5
610630.43	4206421.03	1.3324	11.44	11.44	0	ANNUAL	LINE	5
610637.43	4206421.03	1.32095	11.4	11.4	0	ANNUAL	LINE	5
610644.43	4206421.03	1.30838	11.35	11.35	0	ANNUAL	LINE	5
610651.43	4206421.03	1.29449	11.31	11.31	0	ANNUAL	LINE	5
610658.43	4206421.03	1.27929	11.27	11.27	0	ANNUAL	LINE	5
610665.43	4206421.03	1.26267	11.22	11.22	0	ANNUAL	LINE	5
610672.43	4206421.03	1.24454	11.18	11.18	0	ANNUAL	LINE	5
610679.43	4206421.03	1.22477	11.14	11.14	0	ANNUAL	LINE	5
610686.43	4206421.03	1.20325	11.09	11.09	0	ANNUAL	LINE	5
610693.43	4206421.03	1.17985	11.05	11.05	0	ANNUAL	LINE	5
610700.43	4206421.03	1.1544	11.01	11.01	0	ANNUAL	LINE	5
610707.43	4206421.03	1.12681	10.92	10.92	0	ANNUAL	LINE	5
610714.43	4206421.03	1.09715	10.83	10.83	0	ANNUAL	LINE	5
610721.43	4206421.03	1.06556	10.73	10.73	0	ANNUAL	LINE	5
610735.43	4206421.03	0.99781	10.54	10.54	0	ANNUAL	LINE	5
610742.43	4206421.03	0.96238	10.45	10.45	0	ANNUAL	LINE	5
610749.43	4206421.03	0.92643	10.35	10.35	0	ANNUAL	LINE	5
610756.43	4206421.03	0.89035	10.26	10.26	0	ANNUAL	LINE	5
610763.43	4206421.03	0.85448	10.16	10.16	0	ANNUAL	LINE	5
610770.43	4206421.03	0.81911	10.06	10.06	0	ANNUAL	LINE	5
610777.43	4206421.03	0.78449	9.97	9.97	0	ANNUAL	LINE	5
610784.43	4206421.03	0.7508	9.87	9.87	0	ANNUAL	LINE	5
610791.43	4206421.03	0.7182	9.78	9.78	0	ANNUAL	LINE	5
610798.43	4206421.03	0.68677	9.68	9.68	0	ANNUAL	LINE	5
610805.43	4206421.03	0.65659	9.59	9.59	0	ANNUAL	LINE	5
610812.43	4206421.03	0.62769	9.49	9.49	0	ANNUAL	LINE	5
610833.43	4206421.03	0.54871	9.2	9.2	0	ANNUAL	LINE	5
610840.43	4206421.03	0.5249	9.11	9.11	0	ANNUAL	LINE	5
610847.43	4206421.03	0.50228	9.01	9.01	0	ANNUAL	LINE	5
610854.43	4206421.03	0.48086	9	9	0	ANNUAL	LINE	5
610861.43	4206421.03	0.46054	9	9	0	ANNUAL	LINE	5
610868.43	4206421.03	0.44128	9	9	0	ANNUAL	LINE	5
610875.43	4206421.03	0.42301	9	9	0	ANNUAL	LINE	5
610882.43	4206421.03	0.4057	9	9	0	ANNUAL	LINE	5
610889.43	4206421.03	0.3893	9	9	0	ANNUAL	LINE	5
610896.43	4206421.03	0.37374	9	9	0	ANNUAL	LINE	5
610903.43	4206421.03	0.359	9	9	0	ANNUAL	LINE	5
610910.43	4206421.03	0.34501	9	9	0	ANNUAL	LINE	5
610917.43	4206421.03	0.33175	9	9	0	ANNUAL	LINE	5
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610931.43	4206421.03	0.30721	9	9	0	ANNUAL	LINE	5
610938.43	4206421.03	0.29586	9	9	0	ANNUAL	LINE	5
610945.43	4206421.03	0.28508	9	9	0	ANNUAL	LINE	5
610952.43	4206421.03	0.27483	9	9	0	ANNUAL	LINE	5
610959.43	4206421.03	0.26508	9	9	0	ANNUAL	LINE	5
610966.43	4206421.03	0.25581	9	9	0	ANNUAL	LINE	5
610973.43	4206421.03	0.24698	9	9	0	ANNUAL	LINE	5

610980.43	4206421.03	0.23857	9	9	0	ANNUAL	LINE	5
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611008.43	4206421.03	0.20867	9	9	0	ANNUAL	LINE	5
611015.43	4206421.03	0.20202	9	9	0	ANNUAL	LINE	5
611022.43	4206421.03	0.19568	9	9	0	ANNUAL	LINE	5
611029.43	4206421.03	0.18961	9	9	0	ANNUAL	LINE	5
611036.43	4206421.03	0.1838	9	9	0	ANNUAL	LINE	5
611043.43	4206421.03	0.17825	9	9	0	ANNUAL	LINE	5
611050.43	4206421.03	0.17293	9	9	0	ANNUAL	LINE	5
611057.43	4206421.03	0.16783	9	9	0	ANNUAL	LINE	5
611064.43	4206421.03	0.16295	9	9	0	ANNUAL	LINE	5
611078.43	4206421.03	0.15378	9	9	0	ANNUAL	LINE	5
611085.43	4206421.03	0.14947	9	9	0	ANNUAL	LINE	5
611092.43	4206421.03	0.14533	9	9	0	ANNUAL	LINE	5
610294.43	4206428.03	1.32297	11.43	11.43	0	ANNUAL	LINE	5
610301.43	4206428.03	1.32511	11.53	11.53	0	ANNUAL	LINE	5
610308.43	4206428.03	1.32714	11.62	11.62	0	ANNUAL	LINE	5
610315.43	4206428.03	1.32919	11.72	11.72	0	ANNUAL	LINE	5
610322.43	4206428.03	1.33123	11.82	11.82	0	ANNUAL	LINE	5
610329.43	4206428.03	1.33321	11.91	11.91	0	ANNUAL	LINE	5
610336.43	4206428.03	1.33522	12	12	0	ANNUAL	LINE	5
610343.43	4206428.03	1.33695	12	12	0	ANNUAL	LINE	5
610350.43	4206428.03	1.33844	12	12	0	ANNUAL	LINE	5
610357.43	4206428.03	1.33968	12	12	0	ANNUAL	LINE	5
610364.43	4206428.03	1.34067	12	12	0	ANNUAL	LINE	5
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610385.43	4206428.03	1.34223	12	12	0	ANNUAL	LINE	5
610392.43	4206428.03	1.34234	12	12	0	ANNUAL	LINE	5
610399.43	4206428.03	1.34228	12	12	0	ANNUAL	LINE	5
610406.43	4206428.03	1.34207	12	12	0	ANNUAL	LINE	5
610413.43	4206428.03	1.34172	12	12	0	ANNUAL	LINE	5
610420.43	4206428.03	1.34126	12	12	0	ANNUAL	LINE	5
610427.43	4206428.03	1.34069	12	12	0	ANNUAL	LINE	5
610434.43	4206428.03	1.34001	12	12	0	ANNUAL	LINE	5
610441.43	4206428.03	1.33924	12	12	0	ANNUAL	LINE	5
610448.43	4206428.03	1.33837	12	12	0	ANNUAL	LINE	5
610455.43	4206428.03	1.3374	12	12	0	ANNUAL	LINE	5
610462.43	4206428.03	1.33633	12	12	0	ANNUAL	LINE	5
610469.43	4206428.03	1.33515	12	12	0	ANNUAL	LINE	5
610476.43	4206428.03	1.33386	12	12	0	ANNUAL	LINE	5
610497.43	4206428.03	1.32916	12	12	0	ANNUAL	LINE	5
610504.43	4206428.03	1.32728	12	12	0	ANNUAL	LINE	5
610511.43	4206428.03	1.3252	12	12	0	ANNUAL	LINE	5
610518.43	4206428.03	1.32292	12	12	0	ANNUAL	LINE	5
610525.43	4206428.03	1.32041	12	12	0	ANNUAL	LINE	5
610532.43	4206428.03	1.31763	12	12	0	ANNUAL	LINE	5
610539.43	4206428.03	1.31458	12	12	0	ANNUAL	LINE	5
610546.43	4206428.03	1.3112	12	12	0	ANNUAL	LINE	5
610553.43	4206428.03	1.30748	12	12	0	ANNUAL	LINE	5
610560.43	4206428.03	1.30344	11.97	11.97	0	ANNUAL	LINE	5
610567.43	4206428.03	1.29908	11.92	11.92	0	ANNUAL	LINE	5
610574.43	4206428.03	1.29433	11.88	11.88	0	ANNUAL	LINE	5
610581.43	4206428.03	1.28915	11.84	11.84	0	ANNUAL	LINE	5
610588.43	4206428.03	1.28355	11.79	11.79	0	ANNUAL	LINE	5
610595.43	4206428.03	1.27745	11.75	11.75	0	ANNUAL	LINE	5
610602.43	4206428.03	1.27084	11.7	11.7	0	ANNUAL	LINE	5
610609.43	4206428.03	1.26364	11.66	11.66	0	ANNUAL	LINE	5
610616.43	4206428.03	1.25591	11.61	11.61	0	ANNUAL	LINE	5
610623.43	4206428.03	1.24744	11.56	11.56	0	ANNUAL	LINE	5
610630.43	4206428.03	1.2382	11.52	11.52	0	ANNUAL	LINE	5
610637.43	4206428.03	1.22817	11.47	11.47	0	ANNUAL	LINE	5
610644.43	4206428.03	1.21727	11.41	11.41	0	ANNUAL	LINE	5
610651.43	4206428.03	1.20524	11.36	11.36	0	ANNUAL	LINE	5
610658.43	4206428.03	1.1921	11.31	11.31	0	ANNUAL	LINE	5
610665.43	4206428.03	1.17782	11.26	11.26	0	ANNUAL	LINE	5
610672.43	4206428.03	1.16227	11.21	11.21	0	ANNUAL	LINE	5
610679.43	4206428.03	1.1454	11.16	11.16	0	ANNUAL	LINE	5
610686.43	4206428.03	1.12711	11.11	11.11	0	ANNUAL	LINE	5
610693.43	4206428.03	1.10731	11.06	11.06	0	ANNUAL	LINE	5
610700.43	4206428.03	1.0859	11.01	11.01	0	ANNUAL	LINE	5
610707.43	4206428.03	1.06276	10.92	10.92	0	ANNUAL	LINE	5
610714.43	4206428.03	1.03789	10.83	10.83	0	ANNUAL	LINE	5
610721.43	4206428.03	1.01137	10.73	10.73	0	ANNUAL	LINE	5
610735.43	4206428.03	0.95403	10.54	10.54	0	ANNUAL	LINE	5
610742.43	4206428.03	0.92372	10.45	10.45	0	ANNUAL	LINE	5
610749.43	4206428.03	0.89269	10.35	10.35	0	ANNUAL	LINE	5
610756.43	4206428.03	0.86126	10.25	10.25	0	ANNUAL	LINE	5
610763.43	4206428.03	0.82972	10.16	10.16	0	ANNUAL	LINE	5
610770.43	4206428.03	0.79832	10.06	10.06	0	ANNUAL	LINE	5
610777.43	4206428.03	0.76731	9.97	9.97	0	ANNUAL	LINE	5
610784.43	4206428.03	0.73686	9.87	9.87	0	ANNUAL	LINE	5
610791.43	4206428.03	0.70714	9.78	9.78	0	ANNUAL	LINE	5
610798.43	4206428.03	0.67827	9.68	9.68	0	ANNUAL	LINE	5
610805.43	4206428.03	0.65032	9.58	9.58	0	ANNUAL	LINE	5
610812.43	4206428.03	0.62339	9.49	9.49	0	ANNUAL	LINE	5
610833.43	4206428.03	0.54885	9.2	9.2	0	ANNUAL	LINE	5
610840.43	4206428.03	0.52611	9.11	9.11	0	ANNUAL	LINE	5
610847.43	4206428.03	0.50441	9.01	9.01	0	ANNUAL	LINE	5
610854.43	4206428.03	0.48376	9	9	0	ANNUAL	LINE	5
610861.43	4206428.03	0.46409	9	9	0	ANNUAL	LINE	5
610868.43	4206428.03	0.44536	9	9	0	ANNUAL	LINE	5
610875.43	4206428.03	0.42753	9	9	0	ANNUAL	LINE	5
610882.43	4206428.03	0.41058	9	9	0	ANNUAL	LINE	5
610889.43	4206428.03	0.39446	9	9	0	ANNUAL	LINE	5
610896.43	4206428.03	0.37912	9	9	0	ANNUAL	LINE	5
610903.43	4206428.03	0.36454	9	9	0	ANNUAL	LINE	5
610910.43	4206428.03	0.35068	9	9	0	ANNUAL	LINE	5
610917.43	4206428.03	0.3375	9	9	0	ANNUAL	LINE	5
610924.43	4206428.03	0.32496	9	9	0	ANNUAL	LINE	5
610931.43	4206428.03	0.31303	9	9	0	ANNUAL	LINE	5
610938.43	4206428.03	0.30168	9	9	0	ANNUAL	LINE	5
610945.43	4206428.03	0.29087	9	9	0	ANNUAL	LINE	5
610952.43	4206428.03	0.28058	9	9	0	ANNUAL	LINE	5
610959.43	4206428.03	0.27077	9	9	0	ANNUAL	LINE	5
610966.43	4206428.03	0.26143	9	9	0	ANNUAL	LINE	5
610973.43	4206428.03	0.25252	9	9	0	ANNUAL	LINE	5
610980.43	4206428.03	0.24403	9	9	0	ANNUAL	LINE	5
611001.43	4206428.03	0.22079	9	9	0	ANNUAL	LINE	5
611008.43	4206428.03	0.21373	9	9	0	ANNUAL	LINE	5
611015.43	4206428.03	0.20698	9	9	0	ANNUAL	LINE	5
611022.43	4206428.03	0.20052	9	9	0	ANNUAL	LINE	5
611029.43	4206428.03	0.19435	9	9	0	ANNUAL	LINE	5
611036.43	4206428.03	0.18844	9	9	0	ANNUAL	LINE	5
611043.43	4206428.03	0.18277	9	9	0	ANNUAL	LINE	5
611050.43	4206428.03	0.17735	9	9	0	ANNUAL	LINE	5
611057.43	4206428.03	0.17215	9	9	0	ANNUAL	LINE	5
611062.74	4206428.14	0.16841	9	9	0	ANNUAL	LINE	5
611078.43	4206428.03	0.15779	9	9	0	ANNUAL	LINE	5
611085.43	4206428.03	0.15338	9	9	0	ANNUAL	LINE	5
611092.43	4206428.03	0.14914	9	9	0	ANNUAL	LINE	5
610294.43	4206435.03	1.23243	11.43	11.43	0	ANNUAL	LINE	5
610301.43	4206435.03	1.23447	11.53	11.53	0	ANNUAL	LINE	5
610308.43	4206435.03	1.2364	11.63	11.63	0	ANNUAL	LINE	5
610315.43	4206435.03	1.23832	11.72	11.72	0	ANNUAL	LINE	5
610322.43	4206435.03	1.2402	11.82	11.82	0	ANNUAL	LINE	5
610329.43	4206435.03	1.24205	11.91	11.91	0	ANNUAL	LINE	5
610336.43	4206435.03	1.2439	12	12	0	ANNUAL	LINE	5
610343.43	4206435.03	1.24564	12	12	0	ANNUAL	LINE	5
610350.43	4206435.03	1.24717	12	12	0	ANNUAL	LINE	5
610357.43	4206435.03	1.24847	12	12	0	ANNUAL	LINE	5
610364.43	4206435.03	1.24956	12	12	0	ANNUAL	LINE	5
610371.43	4206435.03	1.25042	12	12	0	ANNUAL	LINE	5
610378.43	4206435.03	1.25106	12	12	0	ANNUAL	LINE	5
610385.43	4206435.03	1.2515	12	12	0	ANNUAL	LINE	5
610392.43	4206435.03	1.25174	12	12	0	ANNUAL	LINE	5
610399.43	4206435.03	1.25182	12	12	0	ANNUAL	LINE	5
610406.43	4206435.03	1.25173	12	12	0	ANNUAL	LINE	5
610413.43	4206435.03	1.2515	12	12	0	ANNUAL	LINE	5
610420.43	4206435.03	1.25114	12	12	0	ANNUAL	LINE	5
610427.43	4206435.03	1.25066	12	12	0	ANNUAL	LINE	5
610434.43	4206435.03	1.25006	12	12	0	ANNUAL	LINE	5
610441.43	4206435.03	1.24935	12	12	0	ANNUAL	LINE	5
610448.43	4206435.03	1.24854	12	12	0	ANNUAL	LINE	5
610455.43	4206435.03	1.24762	12	12	0	ANNUAL	LINE	5
610462.43	4206435.03	1.24659	12	12	0	ANNUAL	LINE	5
610469.43	4206435.03	1.24545	12	12	0	ANNUAL	LINE	5
610476.43	4206435.03	1.24419	12	12	0	ANNUAL	LINE	5
610497.43	4206435.03	1.23961	12	12	0	ANNUAL	LINE	5
610504.43	4206435.03	1.23778	12	12	0	ANNUAL	LINE	5
610511.43	4206435.03	1.23577	12	12	0	ANNUAL	LINE	5
610518.43	4206435.03	1.23357	12	12	0	ANNUAL	LINE	5
610525.43	4206435.03	1.23116	12	12	0	ANNUAL	LINE	5
610532.43	4206435.03	1.22851	12	12	0	ANNUAL	LINE	5
610539.43	4206435.03	1.2256	12	12	0	ANNUAL	LINE	5
610546.43	4206435.03	1.22241	12	12	0	ANNUAL	LINE	5
610553.43	4206435.03	1.21891	12	12	0	ANNUAL	LINE	5
610560.43	4206435.03	1.21511	11.97	11.97	0	ANNUAL	LINE	5
610567.43	4206435.03	1.21099	11.94	11.94	0	ANNUAL	LINE	5
610574.43	4206435.03	1.20656	11.9	11.9	0	ANNUAL	LINE	5
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610588.43	4206435.03	1.19658	11.82	11.82	0	ANNUAL	LINE	5
610595.43	4206435.03	1.19095	11.79	11.79	0	ANNUAL	LINE	5
610602.43	4206435.03	1.18492	11.75	11.75	0	ANNUAL	LINE	5
610609.43	4206435.03	1.17839	11.71	11.71	0	ANNUAL	LINE	5
610616.43	4206435.03	1.17134	11.67	11.67	0	ANNUAL	LINE	5
610623.43	4206435.03	1.16375	11.63	11.63	0	ANNUAL	LINE	5
610630.43	4206435.03	1.1555	11.59	11.59	0	ANNUAL	LINE	5
610637.43	4206435.03	1.14665	11.53	11.53	0	ANNUAL	LINE	5
610644.43	4206435.03	1.13705	11.47	11.47	0	ANNUAL	LINE	5
610651.43	4206435.03	1.12659	11.41	11.41	0	ANNUAL	LINE	5
610658.43	4206435.03	1.11514	11.36	11.36	0	ANNUAL	LINE	5
610665.43	4206435.03	1.10275	11.3	11.3	0	ANNUAL	LINE	5
610672.43	4206435.03	1.08934	11.24	11.24	0	ANNUAL	LINE	5
610679.43	4206435.03	1.07483	11.18	11.18	0	ANNUAL	LINE	5
610686.43	4206435.03	1.05912	11.12	11.12	0	ANNUAL	LINE	5
610693.43	4206435.03	1.04221	11.07	11.07	0	ANNUAL	LINE	5
610700.43	4206435.03	1.024	11.01	11.01	0	ANNUAL	LINE	5
610707.43	4206435.03	1.00438	10.92	10.92	0	ANNUAL	LINE	5
610714.43	4206435.03	0.98334	10.83	10.83	0	ANNUAL	LINE	5
610721.43	4206435.03	0.96089	10.73	10.73	0	ANNUAL	LINE	5
610735.43	4206435.03	0.91211	10.54	10.54	0	ANNUAL	LINE	5
610742.43	4206435.03	0.88611	10.44	10.44	0	ANNUAL	LINE	5
610749.43	4206435.03	0.85931	10.35	10.35	0	ANNUAL	LINE	5
610756.43	4206435.03	0.83193	10.25	10.25	0	ANNUAL	LINE	5
610763.43	4206435.03	0.80424	10.16	10.16	0	ANNUAL	LINE	5
610770.43	4206435.03	0.77643	10.06	10.06	0	ANNUAL	LINE	5
610777.43	4206435.03	0.74874	9.97	9.97	0	ANNUAL	LINE	5
610784.43	4206435.03	0.72132	9.87	9.87	0	ANNUAL	LINE	5
610791.43	4206435.03	0.69435	9.77	9.77	0	ANNUAL	LINE	5
610798.43	4206435.03	0.66795	9.68	9.68	0	ANNUAL	LINE	5
610805.43	4206435.03	0.64222	9.58	9.58	0	ANNUAL	LINE	5
610812.43	4206435.03	0.61725	9.49	9.49	0	ANNUAL	LINE	5
610833.43	4206435.03	0.54728	9.2	9.2	0	ANNUAL	LINE	5
610840.43	4206435.03	0.5257	9.1	9.1	0	ANNUAL	LINE	5
610847.43	4206435.03	0.505	9.01	9.01	0	ANNUAL	LINE	5
610854.43	4206435.03	0.4852	9	9	0	ANNUAL	LINE	5
610861.43	4206435.03	0.46626	9	9	0	ANNUAL	LINE	5
610868.43	4206435.03	0.44815	9	9	0	ANNUAL	LINE	5
610875.43	4206435.03	0.43085	9	9	0	ANNUAL	LINE	5
610882.43	4206435.03	0.41433	9	9	0	ANNUAL	LINE	5
610889.43	4206435.03	0.39857	9	9	0	ANNUAL	LINE	5
610896.43	4206435.03	0.38354	9	9	0	ANNUAL	LINE	5
610903.43	4206435.03	0.3692	9	9	0	ANNUAL	LINE	5
610910.43	4206435.03	0.35552	9	9	0	ANNUAL	LINE	5
610917.43	4206435.03	0.34248	9	9	0	ANNUAL	LINE	5
610924.43	4206435.03	0.33005	9	9	0	ANNUAL	LINE	5
610931.43	4206435.03	0.3182	9	9	0	ANNUAL	LINE	5
610938.43	4206435.03	0.30689	9	9	0	ANNUAL	LINE	5
610945.43	4206435.03	0.2961	9	9	0	ANNUAL	LINE	5
610952.43	4206435.03	0.28581	9	9	0	ANNUAL	LINE	5

610959.43	4206435.03	0.276	9	9	0	ANNUAL	LINE	5
610966.43	4206435.03	0.26662	9	9	0	ANNUAL	LINE	5
610973.43	4206435.03	0.25767	9	9	0	ANNUAL	LINE	5
610980.43	4206435.03	0.24912	9	9	0	ANNUAL	LINE	5
611001.43	4206435.03	0.22568	9	9	0	ANNUAL	LINE	5
611008.43	4206435.03	0.21854	9	9	0	ANNUAL	LINE	5
611015.43	4206435.03	0.2117	9	9	0	ANNUAL	LINE	5
611022.43	4206435.03	0.20516	9	9	0	ANNUAL	LINE	5
611029.43	4206435.03	0.19889	9	9	0	ANNUAL	LINE	5
611036.43	4206435.03	0.19289	9	9	0	ANNUAL	LINE	5
611043.43	4206435.03	0.18714	9	9	0	ANNUAL	LINE	5
611050.43	4206435.03	0.18162	9	9	0	ANNUAL	LINE	5
611057.43	4206435.03	0.17633	9	9	0	ANNUAL	LINE	5
611062.74	4206435.14	0.17252	9	9	0	ANNUAL	LINE	5
611078.43	4206435.03	0.16169	9	9	0	ANNUAL	LINE	5
611085.43	4206435.03	0.15719	9	9	0	ANNUAL	LINE	5
611092.43	4206435.03	0.15286	9	9	0	ANNUAL	LINE	5
610294.43	4206442.03	1.15142	11.44	11.44	0	ANNUAL	LINE	5
610301.43	4206442.03	1.15338	11.53	11.53	0	ANNUAL	LINE	5
610308.43	4206442.03	1.15524	11.63	11.63	0	ANNUAL	LINE	5
610315.43	4206442.03	1.15708	11.72	11.72	0	ANNUAL	LINE	5
610322.43	4206442.03	1.15886	11.82	11.82	0	ANNUAL	LINE	5
610329.43	4206442.03	1.16061	11.91	11.91	0	ANNUAL	LINE	5
610336.43	4206442.03	1.16235	12	12	0	ANNUAL	LINE	5
610343.43	4206442.03	1.16409	12	12	0	ANNUAL	LINE	5
610350.43	4206442.03	1.16565	12	12	0	ANNUAL	LINE	5
610357.43	4206442.03	1.16701	12	12	0	ANNUAL	LINE	5
610364.43	4206442.03	1.16817	12	12	0	ANNUAL	LINE	5
610371.43	4206442.03	1.16913	12	12	0	ANNUAL	LINE	5
610378.43	4206442.03	1.16988	12	12	0	ANNUAL	LINE	5
610385.43	4206442.03	1.17044	12	12	0	ANNUAL	LINE	5
610392.43	4206442.03	1.17082	12	12	0	ANNUAL	LINE	5
610399.43	4206442.03	1.17102	12	12	0	ANNUAL	LINE	5
610406.43	4206442.03	1.17106	12	12	0	ANNUAL	LINE	5
610413.43	4206442.03	1.17095	12	12	0	ANNUAL	LINE	5
610420.43	4206442.03	1.1707	12	12	0	ANNUAL	LINE	5
610427.43	4206442.03	1.17032	12	12	0	ANNUAL	LINE	5
610434.43	4206442.03	1.16982	12	12	0	ANNUAL	LINE	5
610441.43	4206442.03	1.1692	12	12	0	ANNUAL	LINE	5
610448.43	4206442.03	1.16846	12	12	0	ANNUAL	LINE	5
610455.43	4206442.03	1.16762	12	12	0	ANNUAL	LINE	5
610462.43	4206442.03	1.16665	12	12	0	ANNUAL	LINE	5
610469.43	4206442.03	1.16558	12	12	0	ANNUAL	LINE	5
610476.43	4206442.03	1.16438	12	12	0	ANNUAL	LINE	5
610497.43	4206442.03	1.16	12	12	0	ANNUAL	LINE	5
610504.43	4206442.03	1.15824	12	12	0	ANNUAL	LINE	5
610511.43	4206442.03	1.15632	12	12	0	ANNUAL	LINE	5
610518.43	4206442.03	1.15422	12	12	0	ANNUAL	LINE	5
610525.43	4206442.03	1.15192	12	12	0	ANNUAL	LINE	5
610532.43	4206442.03	1.14941	12	12	0	ANNUAL	LINE	5
610539.43	4206442.03	1.14666	12	12	0	ANNUAL	LINE	5
610546.43	4206442.03	1.14366	12	12	0	ANNUAL	LINE	5
610553.43	4206442.03	1.14038	12	12	0	ANNUAL	LINE	5
610560.43	4206442.03	1.13683	11.98	11.98	0	ANNUAL	LINE	5
610567.43	4206442.03	1.13297	11.95	11.95	0	ANNUAL	LINE	5
610574.43	4206442.03	1.12883	11.92	11.92	0	ANNUAL	LINE	5
610581.43	4206442.03	1.12438	11.89	11.89	0	ANNUAL	LINE	5
610588.43	4206442.03	1.1196	11.86	11.86	0	ANNUAL	LINE	5
610595.43	4206442.03	1.11443	11.83	11.83	0	ANNUAL	LINE	5
610602.43	4206442.03	1.10889	11.8	11.8	0	ANNUAL	LINE	5
610609.43	4206442.03	1.10294	11.77	11.77	0	ANNUAL	LINE	5
610616.43	4206442.03	1.09655	11.74	11.74	0	ANNUAL	LINE	5
610623.43	4206442.03	1.08968	11.7	11.7	0	ANNUAL	LINE	5
610630.43	4206442.03	1.08228	11.66	11.66	0	ANNUAL	LINE	5
610637.43	4206442.03	1.07442	11.6	11.6	0	ANNUAL	LINE	5
610644.43	4206442.03	1.06592	11.53	11.53	0	ANNUAL	LINE	5
610651.43	4206442.03	1.05669	11.47	11.47	0	ANNUAL	LINE	5
610658.43	4206442.03	1.04674	11.4	11.4	0	ANNUAL	LINE	5
610665.43	4206442.03	1.03595	11.33	11.33	0	ANNUAL	LINE	5
610672.43	4206442.03	1.02426	11.27	11.27	0	ANNUAL	LINE	5
610679.43	4206442.03	1.01167	11.2	11.2	0	ANNUAL	LINE	5
610686.43	4206442.03	0.99808	11.14	11.14	0	ANNUAL	LINE	5
610693.43	4206442.03	0.9835	11.08	11.08	0	ANNUAL	LINE	5
610700.43	4206442.03	0.96785	11.01	11.01	0	ANNUAL	LINE	5
610707.43	4206442.03	0.95107	10.92	10.92	0	ANNUAL	LINE	5
610714.43	4206442.03	0.93311	10.83	10.83	0	ANNUAL	LINE	5
610721.43	4206442.03	0.91395	10.73	10.73	0	ANNUAL	LINE	5
610735.43	4206442.03	0.87222	10.54	10.54	0	ANNUAL	LINE	5
610742.43	4206442.03	0.84984	10.44	10.44	0	ANNUAL	LINE	5
610749.43	4206442.03	0.82664	10.35	10.35	0	ANNUAL	LINE	5
610756.43	4206442.03	0.80279	10.25	10.25	0	ANNUAL	LINE	5
610763.43	4206442.03	0.77848	10.16	10.16	0	ANNUAL	LINE	5
610770.43	4206442.03	0.7539	10.06	10.06	0	ANNUAL	LINE	5
610777.43	4206442.03	0.72922	9.96	9.96	0	ANNUAL	LINE	5
610784.43	4206442.03	0.70462	9.87	9.87	0	ANNUAL	LINE	5
610791.43	4206442.03	0.68022	9.77	9.77	0	ANNUAL	LINE	5
610798.43	4206442.03	0.65618	9.68	9.68	0	ANNUAL	LINE	5
610805.43	4206442.03	0.63259	9.58	9.58	0	ANNUAL	LINE	5
610812.43	4206442.03	0.60953	9.49	9.49	0	ANNUAL	LINE	5
610833.43	4206442.03	0.54418	9.2	9.2	0	ANNUAL	LINE	5
610840.43	4206442.03	0.5238	9.1	9.1	0	ANNUAL	LINE	5
610847.43	4206442.03	0.50415	9.01	9.01	0	ANNUAL	LINE	5
610854.43	4206442.03	0.48527	9	9	0	ANNUAL	LINE	5
610861.43	4206442.03	0.46713	9	9	0	ANNUAL	LINE	5
610868.43	4206442.03	0.44971	9	9	0	ANNUAL	LINE	5
610875.43	4206442.03	0.43301	9	9	0	ANNUAL	LINE	5
610882.43	4206442.03	0.417	9	9	0	ANNUAL	LINE	5
610889.43	4206442.03	0.40167	9	9	0	ANNUAL	LINE	5
610896.43	4206442.03	0.38699	9	9	0	ANNUAL	LINE	5
610903.43	4206442.03	0.37296	9	9	0	ANNUAL	LINE	5
610910.43	4206442.03	0.35953	9	9	0	ANNUAL	LINE	5
610917.43	4206442.03	0.3467	9	9	0	ANNUAL	LINE	5
610924.43	4206442.03	0.33443	9	9	0	ANNUAL	LINE	5
610931.43	4206442.03	0.3227	9	9	0	ANNUAL	LINE	5
610938.43	4206442.03	0.31149	9	9	0	ANNUAL	LINE	5
610945.43	4206442.03	0.30077	9	9	0	ANNUAL	LINE	5
610952.43	4206442.03	0.29053	9	9	0	ANNUAL	LINE	5
610959.43	4206442.03	0.28073	9	9	0	ANNUAL	LINE	5
610966.43	4206442.03	0.27136	9	9	0	ANNUAL	LINE	5
610973.43	4206442.03	0.26241	9	9	0	ANNUAL	LINE	5
610980.43	4206442.03	0.25383	9	9	0	ANNUAL	LINE	5
611001.43	4206442.03	0.23027	9	9	0	ANNUAL	LINE	5
611008.43	4206442.03	0.22307	9	9	0	ANNUAL	LINE	5
611015.43	4206442.03	0.21617	9	9	0	ANNUAL	LINE	5
611022.43	4206442.03	0.20956	9	9	0	ANNUAL	LINE	5
611029.43	4206442.03	0.20322	9	9	0	ANNUAL	LINE	5
611036.43	4206442.03	0.19715	9	9	0	ANNUAL	LINE	5
611043.43	4206442.03	0.19132	9	9	0	ANNUAL	LINE	5
611050.43	4206442.03	0.18572	9	9	0	ANNUAL	LINE	5
611057.43	4206442.03	0.18035	9	9	0	ANNUAL	LINE	5
611062.74	4206442.14	0.17648	9	9	0	ANNUAL	LINE	5
611078.43	4206442.03	0.16547	9	9	0	ANNUAL	LINE	5
611085.43	4206442.03	0.16089	9	9	0	ANNUAL	LINE	5
611092.43	4206442.03	0.15649	9	9	0	ANNUAL	LINE	5
610294.43	4206449.03	1.07847	11.44	11.44	0	ANNUAL	LINE	5
610301.43	4206449.03	1.0804	11.53	11.53	0	ANNUAL	LINE	5
610308.43	4206449.03	1.08222	11.63	11.63	0	ANNUAL	LINE	5
610315.43	4206449.03	1.08401	11.72	11.72	0	ANNUAL	LINE	5
610322.43	4206449.03	1.08573	11.82	11.82	0	ANNUAL	LINE	5
610329.43	4206449.03	1.0874	11.92	11.92	0	ANNUAL	LINE	5
610336.43	4206449.03	1.08908	12	12	0	ANNUAL	LINE	5
610343.43	4206449.03	1.09083	12	12	0	ANNUAL	LINE	5
610350.43	4206449.03	1.09241	12	12	0	ANNUAL	LINE	5
610357.43	4206449.03	1.09382	12	12	0	ANNUAL	LINE	5
610364.43	4206449.03	1.09504	12	12	0	ANNUAL	LINE	5
610371.43	4206449.03	1.09608	12	12	0	ANNUAL	LINE	5
610378.43	4206449.03	1.09693	12	12	0	ANNUAL	LINE	5
610385.43	4206449.03	1.0976	12	12	0	ANNUAL	LINE	5
610392.43	4206449.03	1.0981	12	12	0	ANNUAL	LINE	5
610399.43	4206449.03	1.09842	12	12	0	ANNUAL	LINE	5
610406.43	4206449.03	1.09858	12	12	0	ANNUAL	LINE	5
610413.43	4206449.03	1.09859	12	12	0	ANNUAL	LINE	5
610420.43	4206449.03	1.09845	12	12	0	ANNUAL	LINE	5
610427.43	4206449.03	1.09818	12	12	0	ANNUAL	LINE	5
610434.43	4206449.03	1.09779	12	12	0	ANNUAL	LINE	5
610441.43	4206449.03	1.09726	12	12	0	ANNUAL	LINE	5
610448.43	4206449.03	1.09662	12	12	0	ANNUAL	LINE	5
610455.43	4206449.03	1.09586	12	12	0	ANNUAL	LINE	5
610462.43	4206449.03	1.09499	12	12	0	ANNUAL	LINE	5
610469.43	4206449.03	1.09399	12	12	0	ANNUAL	LINE	5
610476.43	4206449.03	1.09288	12	12	0	ANNUAL	LINE	5
610497.43	4206449.03	1.08875	12	12	0	ANNUAL	LINE	5
610504.43	4206449.03	1.08709	12	12	0	ANNUAL	LINE	5
610511.43	4206449.03	1.08527	12	12	0	ANNUAL	LINE	5
610518.43	4206449.03	1.08328	12	12	0	ANNUAL	LINE	5
610525.43	4206449.03	1.08111	12	12	0	ANNUAL	LINE	5
610532.43	4206449.03	1.07874	12	12	0	ANNUAL	LINE	5
610539.43	4206449.03	1.07616	12	12	0	ANNUAL	LINE	5
610546.43	4206449.03	1.07335	12	12	0	ANNUAL	LINE	5
610553.43	4206449.03	1.07029	12	12	0	ANNUAL	LINE	5
610560.43	4206449.03	1.06698	11.98	11.98	0	ANNUAL	LINE	5
610567.43	4206449.03	1.06339	11.96	11.96	0	ANNUAL	LINE	5
610574.43	4206449.03	1.05954	11.94	11.94	0	ANNUAL	LINE	5
610581.43	4206449.03	1.05541	11.92	11.92	0	ANNUAL	LINE	5
610588.43	4206449.03	1.05101	11.89	11.89	0	ANNUAL	LINE	5
610595.43	4206449.03	1.04627	11.87	11.87	0	ANNUAL	LINE	5
610602.43	4206449.03	1.04118	11.85	11.85	0	ANNUAL	LINE	5
610609.43	4206449.03	1.03576	11.82	11.82	0	ANNUAL	LINE	5
610616.43	4206449.03	1.02992	11.8	11.8	0	ANNUAL	LINE	5
610623.43	4206449.03	1.0237	11.77	11.77	0	ANNUAL	LINE	5
610630.43	4206449.03	1.01702	11.74	11.74	0	ANNUAL	LINE	5
610637.43	4206449.03	1.01001	11.66	11.66	0	ANNUAL	LINE	5
610644.43	4206449.03	1.00245	11.59	11.59	0	ANNUAL	LINE	5
610651.43	4206449.03	0.99428	11.52	11.52	0	ANNUAL	LINE	5
610658.43	4206449.03	0.98552	11.44	11.44	0	ANNUAL	LINE	5
610665.43	4206449.03	0.97603	11.37	11.37	0	ANNUAL	LINE	5
610672.43	4206449.03	0.9658	11.3	11.3	0	ANNUAL	LINE	5
610679.43	4206449.03	0.9548	11.23	11.23	0	ANNUAL	LINE	5
610686.43	4206449.03	0.94297	11.15	11.15	0	ANNUAL	LINE	5
610693.43	4206449.03	0.93028	11.08	11.08	0	ANNUAL	LINE	5
610700.43	4206449.03	0.91674	11.01	11.01	0	ANNUAL	LINE	5
610707.43	4206449.03	0.90225	10.92	10.92	0	ANNUAL	LINE	5
610714.43	4206449.03	0.88679	10.82	10.82	0	ANNUAL	LINE	5
610721.43	4206449.03	0.87033	10.73	10.73	0	ANNUAL	LINE	5
610735.43	4206449.03	0.83442	10.54	10.54	0	ANNUAL	LINE	5
610742.43	4206449.03	0.81508	10.44	10.44	0	ANNUAL	LINE	5
610749.43	4206449.03	0.79495	10.35	10.35	0	ANNUAL	LINE	5
610756.43	4206449.03	0.77414	10.25	10.25	0	ANNUAL	LINE	5
610763.43	4206449.03	0.75279	10.15	10.15	0	ANNUAL	LINE	5
610770.43	4206449.03	0.73108	10.06	10.06	0	ANNUAL	LINE	5
610777.43	4206449.03	0.70912	9.96	9.96	0	ANNUAL	LINE	5
610784.43	4206449.03	0.68709	9.87	9.87	0	ANNUAL	LINE	5
610910.43	4206449.03	0.36272	9	9	0	ANNUAL	LINE	5
610917.43	4206449.03	0.35014	9	9	0	ANNUAL	LINE	5
610924.43	4206449.03	0.33809	9	9	0	ANNUAL	LINE	5
610931.43	4206449.03	0.32653	9	9	0	ANNUAL	LINE	5
610938.43	4206449.03	0.31546	9	9	0	ANNUAL	LINE	5
610945.43	4206449.03	0.30486	9	9	0	ANNUAL	LINE	5
610952.43	4206449.03	0.2947	9	9	0	ANNUAL	LINE	5
610959.43	4206449.03	0.28497	9	9	0	ANNUAL	LINE	5
610966.43	4206449.03	0.27564	9	9	0	ANNUAL	LINE	5
610973.43	4206449.03	0.26671	9	9	0	ANNUAL	LINE	5
610980.43	4206449.03	0.25815	9	9	0	ANNUAL	LINE	5
611001.43	4206449.03	0.23453	9	9	0	ANNUAL	LINE	5
611008.43	4206449.03	0.2273	9	9	0	ANNUAL	LINE	5
611015.43	4206449.03	0.22036	9	9	0	ANNUAL	LINE	5
611022.43	4206449.03	0.21371	9	9	0	ANNUAL	LINE	5
611029.43	4206449.03	0.20732	9	9	0	ANNUAL	LINE	5
611036.43	4206449.03	0.20119	9	9	0	ANNUAL	LINE	5
611043.43	4206449.03	0.1953	9	9	0	ANNUAL	LINE	5
611050.43	4206449.03	0.18964	9	9	0	ANNUAL	LINE	5

611057.43	4206449.03	0.1842	9	9	0	ANNUAL	LINE	5
611062.74	4206449.14	0.18028	9	9	0	ANNUAL	LINE	5
611078.43	4206449.03	0.16912	9	9	0	ANNUAL	LINE	5
611085.43	4206449.03	0.16448	9	9	0	ANNUAL	LINE	5
611092.43	4206449.03	0.16	9	9	0	ANNUAL	LINE	5
610294.43	4206456.03	1.01246	11.44	11.44	0	ANNUAL	LINE	5
610301.43	4206456.03	1.01438	11.53	11.53	0	ANNUAL	LINE	5
610308.43	4206456.03	1.01618	11.63	11.63	0	ANNUAL	LINE	5
610315.43	4206456.03	1.01792	11.73	11.73	0	ANNUAL	LINE	5
610322.43	4206456.03	1.01963	11.82	11.82	0	ANNUAL	LINE	5
610329.43	4206456.03	1.02126	11.92	11.92	0	ANNUAL	LINE	5
610336.43	4206456.03	1.02289	12	12	0	ANNUAL	LINE	5
610343.43	4206456.03	1.02465	12	12	0	ANNUAL	LINE	5
610350.43	4206456.03	1.02625	12	12	0	ANNUAL	LINE	5
610357.43	4206456.03	1.02769	12	12	0	ANNUAL	LINE	5
610364.43	4206456.03	1.02897	12	12	0	ANNUAL	LINE	5
610371.43	4206456.03	1.03008	12	12	0	ANNUAL	LINE	5
610378.43	4206456.03	1.03102	12	12	0	ANNUAL	LINE	5
610385.43	4206456.03	1.03179	12	12	0	ANNUAL	LINE	5
610392.43	4206456.03	1.03239	12	12	0	ANNUAL	LINE	5
610399.43	4206456.03	1.03282	12	12	0	ANNUAL	LINE	5
610406.43	4206456.03	1.03309	12	12	0	ANNUAL	LINE	5
610413.43	4206456.03	1.03322	12	12	0	ANNUAL	LINE	5
610420.43	4206456.03	1.0332	12	12	0	ANNUAL	LINE	5
610427.43	4206456.03	1.03304	12	12	0	ANNUAL	LINE	5
610434.43	4206456.03	1.03276	12	12	0	ANNUAL	LINE	5
610441.43	4206456.03	1.03234	12	12	0	ANNUAL	LINE	5
610448.43	4206456.03	1.0318	12	12	0	ANNUAL	LINE	5
610455.43	4206456.03	1.03114	12	12	0	ANNUAL	LINE	5
610462.43	4206456.03	1.03036	12	12	0	ANNUAL	LINE	5
610469.43	4206456.03	1.02946	12	12	0	ANNUAL	LINE	5
610476.43	4206456.03	1.02844	12	12	0	ANNUAL	LINE	5
610497.43	4206456.03	1.0246	12	12	0	ANNUAL	LINE	5
610504.43	4206456.03	1.02305	12	12	0	ANNUAL	LINE	5
610511.43	4206456.03	1.02134	12	12	0	ANNUAL	LINE	5
610518.43	4206456.03	1.01948	12	12	0	ANNUAL	LINE	5
610525.43	4206456.03	1.01744	12	12	0	ANNUAL	LINE	5
610532.43	4206456.03	1.01522	12	12	0	ANNUAL	LINE	5
610539.43	4206456.03	1.01281	12	12	0	ANNUAL	LINE	5
610546.43	4206456.03	1.01019	12	12	0	ANNUAL	LINE	5
610553.43	4206456.03	1.00735	12	12	0	ANNUAL	LINE	5
610560.43	4206456.03	1.00427	11.99	11.99	0	ANNUAL	LINE	5
610567.43	4206456.03	1.00095	11.97	11.97	0	ANNUAL	LINE	5
610574.43	4206456.03	0.99738	11.96	11.96	0	ANNUAL	LINE	5
610581.43	4206456.03	0.99357	11.94	11.94	0	ANNUAL	LINE	5
610588.43	4206456.03	0.98949	11.93	11.93	0	ANNUAL	LINE	5
610595.43	4206456.03	0.98515	11.91	11.91	0	ANNUAL	LINE	5
610602.43	4206456.03	0.98051	11.89	11.89	0	ANNUAL	LINE	5
610609.43	4206456.03	0.97553	11.88	11.88	0	ANNUAL	LINE	5
610616.43	4206456.03	0.97023	11.86	11.86	0	ANNUAL	LINE	5
610623.43	4206456.03	0.96454	11.84	11.84	0	ANNUAL	LINE	5
610630.43	4206456.03	0.95849	11.81	11.81	0	ANNUAL	LINE	5
610637.43	4206456.03	0.95221	11.73	11.73	0	ANNUAL	LINE	5
610644.43	4206456.03	0.94544	11.65	11.65	0	ANNUAL	LINE	5
610651.43	4206456.03	0.93818	11.57	11.57	0	ANNUAL	LINE	5
610658.43	4206456.03	0.9304	11.49	11.49	0	ANNUAL	LINE	5
610665.43	4206456.03	0.92203	11.41	11.41	0	ANNUAL	LINE	5
610672.43	4206456.03	0.91302	11.33	11.33	0	ANNUAL	LINE	5
610679.43	4206456.03	0.90335	11.25	11.25	0	ANNUAL	LINE	5
610686.43	4206456.03	0.89297	11.17	11.17	0	ANNUAL	LINE	5
610693.43	4206456.03	0.88186	11.09	11.09	0	ANNUAL	LINE	5
610700.43	4206456.03	0.87004	11.01	11.01	0	ANNUAL	LINE	5
610707.43	4206456.03	0.85744	10.92	10.92	0	ANNUAL	LINE	5
610714.43	4206456.03	0.84403	10.82	10.82	0	ANNUAL	LINE	5
610721.43	4206456.03	0.82978	10.73	10.73	0	ANNUAL	LINE	5
610742.43	4206456.03	0.78192	10.44	10.44	0	ANNUAL	LINE	5
610749.43	4206456.03	0.76439	10.34	10.34	0	ANNUAL	LINE	5
610910.43	4206456.03	0.36511	9	9	0	ANNUAL	LINE	5
610917.43	4206456.03	0.35283	9	9	0	ANNUAL	LINE	5
610924.43	4206456.03	0.34104	9	9	0	ANNUAL	LINE	5
610931.43	4206456.03	0.3297	9	9	0	ANNUAL	LINE	5
610938.43	4206456.03	0.31881	9	9	0	ANNUAL	LINE	5
610945.43	4206456.03	0.30836	9	9	0	ANNUAL	LINE	5
610952.43	4206456.03	0.29833	9	9	0	ANNUAL	LINE	5
610959.43	4206456.03	0.28869	9	9	0	ANNUAL	LINE	5
610966.43	4206456.03	0.27944	9	9	0	ANNUAL	LINE	5
610973.43	4206456.03	0.27057	9	9	0	ANNUAL	LINE	5
610980.43	4206456.03	0.26205	9	9	0	ANNUAL	LINE	5
611008.43	4206456.03	0.23123	9	9	0	ANNUAL	LINE	5
611015.43	4206456.03	0.22427	9	9	0	ANNUAL	LINE	5
611022.43	4206456.03	0.21759	9	9	0	ANNUAL	LINE	5
611029.43	4206456.03	0.21117	9	9	0	ANNUAL	LINE	5
611036.43	4206456.03	0.205	9	9	0	ANNUAL	LINE	5
611043.43	4206456.03	0.19907	9	9	0	ANNUAL	LINE	5
611050.43	4206456.03	0.19336	9	9	0	ANNUAL	LINE	5
611057.43	4206456.03	0.18788	9	9	0	ANNUAL	LINE	5
611062.74	4206456.14	0.18391	9	9	0	ANNUAL	LINE	5
611078.43	4206456.03	0.17263	9	9	0	ANNUAL	LINE	5
611085.43	4206456.03	0.16792	9	9	0	ANNUAL	LINE	5
611092.43	4206456.03	0.16339	9	9	0	ANNUAL	LINE	5
610294.43	4206463.03	0.95246	11.44	11.44	0	ANNUAL	LINE	5
610301.43	4206463.03	0.95435	11.54	11.54	0	ANNUAL	LINE	5
610308.43	4206463.03	0.95618	11.63	11.63	0	ANNUAL	LINE	5
610315.43	4206463.03	0.9579	11.73	11.73	0	ANNUAL	LINE	5
610322.43	4206463.03	0.9596	11.82	11.82	0	ANNUAL	LINE	5
610329.43	4206463.03	0.96119	11.92	11.92	0	ANNUAL	LINE	5
610336.43	4206463.03	0.96281	12	12	0	ANNUAL	LINE	5
610343.43	4206463.03	0.96457	12	12	0	ANNUAL	LINE	5
610350.43	4206463.03	0.96619	12	12	0	ANNUAL	LINE	5
610357.43	4206463.03	0.96767	12	12	0	ANNUAL	LINE	5
610364.43	4206463.03	0.969	12	12	0	ANNUAL	LINE	5
610371.43	4206463.03	0.97017	12	12	0	ANNUAL	LINE	5
610378.43	4206463.03	0.97118	12	12	0	ANNUAL	LINE	5
610385.43	4206463.03	0.97203	12	12	0	ANNUAL	LINE	5
610392.43	4206463.03	0.97272	12	12	0	ANNUAL	LINE	5
610399.43	4206463.03	0.97326	12	12	0	ANNUAL	LINE	5
610406.43	4206463.03	0.97364	12	12	0	ANNUAL	LINE	5
610413.43	4206463.03	0.97388	12	12	0	ANNUAL	LINE	5
610420.43	4206463.03	0.97397	12	12	0	ANNUAL	LINE	5
610427.43	4206463.03	0.97392	12	12	0	ANNUAL	LINE	5
610434.43	4206463.03	0.97374	12	12	0	ANNUAL	LINE	5
610441.43	4206463.03	0.97344	12	12	0	ANNUAL	LINE	5
610448.43	4206463.03	0.97301	12	12	0	ANNUAL	LINE	5
610455.43	4206463.03	0.97245	12	12	0	ANNUAL	LINE	5
610462.43	4206463.03	0.97178	12	12	0	ANNUAL	LINE	5
610469.43	4206463.03	0.97098	12	12	0	ANNUAL	LINE	5
610476.43	4206463.03	0.97006	12	12	0	ANNUAL	LINE	5
610497.43	4206463.03	0.96654	12	12	0	ANNUAL	LINE	5
610504.43	4206463.03	0.9651	12	12	0	ANNUAL	LINE	5
610511.43	4206463.03	0.96351	12	12	0	ANNUAL	LINE	5
610518.43	4206463.03	0.96178	12	12	0	ANNUAL	LINE	5
610525.43	4206463.03	0.95988	12	12	0	ANNUAL	LINE	5
610532.43	4206463.03	0.95781	12	12	0	ANNUAL	LINE	5
610539.43	4206463.03	0.95557	12	12	0	ANNUAL	LINE	5
610546.43	4206463.03	0.95314	12	12	0	ANNUAL	LINE	5
610553.43	4206463.03	0.9505	12	12	0	ANNUAL	LINE	5
610560.43	4206463.03	0.94765	11.99	11.99	0	ANNUAL	LINE	5
610567.43	4206463.03	0.9446	11.99	11.99	0	ANNUAL	LINE	5
610574.43	4206463.03	0.94131	11.98	11.98	0	ANNUAL	LINE	5
610581.43	4206463.03	0.9378	11.97	11.97	0	ANNUAL	LINE	5
610588.43	4206463.03	0.93404	11.96	11.96	0	ANNUAL	LINE	5
610595.43	4206463.03	0.93005	11.95	11.95	0	ANNUAL	LINE	5
610602.43	4206463.03	0.92578	11.94	11.94	0	ANNUAL	LINE	5
610609.43	4206463.03	0.92124	11.93	11.93	0	ANNUAL	LINE	5
610616.43	4206463.03	0.91639	11.92	11.92	0	ANNUAL	LINE	5
610623.43	4206463.03	0.9112	11.91	11.91	0	ANNUAL	LINE	5
610630.43	4206463.03	0.90572	11.88	11.88	0	ANNUAL	LINE	5
610637.43	4206463.03	0.90006	11.79	11.79	0	ANNUAL	LINE	5
610644.43	4206463.03	0.894	11.7	11.7	0	ANNUAL	LINE	5
610651.43	4206463.03	0.88749	11.62	11.62	0	ANNUAL	LINE	5
610658.43	4206463.03	0.88053	11.53	11.53	0	ANNUAL	LINE	5
610665.43	4206463.03	0.8731	11.44	11.44	0	ANNUAL	LINE	5
610672.43	4206463.03	0.86511	11.36	11.36	0	ANNUAL	LINE	5
610679.43	4206463.03	0.85657	11.27	11.27	0	ANNUAL	LINE	5
610686.43	4206463.03	0.84741	11.18	11.18	0	ANNUAL	LINE	5
610693.43	4206463.03	0.83762	11.1	11.1	0	ANNUAL	LINE	5
610700.43	4206463.03	0.82723	11.01	11.01	0	ANNUAL	LINE	5
610707.43	4206463.03	0.8162	10.92	10.92	0	ANNUAL	LINE	5
610714.43	4206463.03	0.80449	10.82	10.82	0	ANNUAL	LINE	5
610721.43	4206463.03	0.79207	10.73	10.73	0	ANNUAL	LINE	5
610798.43	4206463.03	0.61506	9.67	9.67	0	ANNUAL	LINE	5
610805.43	4206463.03	0.59721	9.58	9.58	0	ANNUAL	LINE	5
610812.43	4206463.03	0.57945	9.48	9.48	0	ANNUAL	LINE	5
610819.43	4206463.03	0.56186	9.39	9.39	0	ANNUAL	LINE	5
610826.43	4206463.03	0.5445	9.29	9.29	0	ANNUAL	LINE	5
610833.43	4206463.03	0.52743	9.2	9.2	0	ANNUAL	LINE	5
610840.43	4206463.03	0.51069	9.1	9.1	0	ANNUAL	LINE	5
610847.43	4206463.03	0.49432	9	9	0	ANNUAL	LINE	5
610854.43	4206463.03	0.47838	9	9	0	ANNUAL	LINE	5
610861.43	4206463.03	0.46285	9	9	0	ANNUAL	LINE	5
610868.43	4206463.03	0.44776	9	9	0	ANNUAL	LINE	5
610875.43	4206463.03	0.43312	9	9	0	ANNUAL	LINE	5
610882.43	4206463.03	0.41893	9	9	0	ANNUAL	LINE	5
610889.43	4206463.03	0.40519	9	9	0	ANNUAL	LINE	5
610910.43	4206463.03	0.36672	9	9	0	ANNUAL	LINE	5
610917.43	4206463.03	0.35479	9	9	0	ANNUAL	LINE	5
610924.43	4206463.03	0.34329	9	9	0	ANNUAL	LINE	5
610931.43	4206463.03	0.33221	9	9	0	ANNUAL	LINE	5
610938.43	4206463.03	0.32155	9	9	0	ANNUAL	LINE	5
610945.43	4206463.03	0.31128	9	9	0	ANNUAL	LINE	5
610952.43	4206463.03	0.3014	9	9	0	ANNUAL	LINE	5
610959.43	4206463.03	0.2919	9	9	0	ANNUAL	LINE	5
610966.43	4206463.03	0.28276	9	9	0	ANNUAL	LINE	5
610973.43	4206463.03	0.27397	9	9	0	ANNUAL	LINE	5
610980.43	4206463.03	0.26552	9	9	0	ANNUAL	LINE	5
610987.43	4206463.03	0.25739	9	9	0	ANNUAL	LINE	5
611008.43	4206463.03	0.23483	9	9	0	ANNUAL	LINE	5
611015.43	4206463.03	0.22788	9	9	0	ANNUAL	LINE	5
611022.43	4206463.03	0.22119	9	9	0	ANNUAL	LINE	5
611029.43	4206463.03	0.21476	9	9	0	ANNUAL	LINE	5
611036.43	4206463.03	0.20857	9	9	0	ANNUAL	LINE	5
611043.43	4206463.03	0.20261	9	9	0	ANNUAL	LINE	5
611050.43	4206463.03	0.19687	9	9	0	ANNUAL	LINE	5
611057.43	4206463.03	0.19135	9	9	0	ANNUAL	LINE	5
611062.74	4206463.14	0.18735	9	9	0	ANNUAL	LINE	5
611078.43	4206463.03	0.17598	9	9	0	ANNUAL	LINE	5
611085.43	4206463.03	0.17123	9	9	0	ANNUAL	LINE	5
611092.43	4206463.03	0.16664	9	9	0	ANNUAL	LINE	5
610294.43	4206470.03	0.89774	11.41	11.41	0	ANNUAL	LINE	5
610301.43	4206470.03	0.89971	11.5	11.5	0	ANNUAL	LINE	5
610308.43	4206470.03	0.90152	11.6	11.6	0	ANNUAL	LINE	5
610315.43	4206470.03	0.90324	11.7	11.7	0	ANNUAL	LINE	5
610322.43	4206470.03	0.90492	11.79	11.79	0	ANNUAL	LINE	5
610329.43	4206470.03	0.90651	11.89	11.89	0	ANNUAL	LINE	5
610336.43	4206470.03	0.90812	11.97	11.97	0	ANNUAL	LINE	5
610343.43	4206470.03	0.90984	11.98	11.98	0	ANNUAL	LINE	5
610350.43	4206470.03	0.91147	11.98	11.98	0	ANNUAL	LINE	5
610357.43	4206470.03	0.91296	11.98	11.98	0	ANNUAL	LINE	5
610364.43	4206470.03	0.91431	11.99	11.99	0	ANNUAL	LINE	5
610371.43	4206470.03	0.91552	11.99	11.99	0	ANNUAL	LINE	5
610378.43	4206470.03	0.91659	11.99	11.99	0	ANNUAL	LINE	5
610385.43	4206470.03	0.91751	11.99	11.99	0	ANNUAL	LINE	5
610392.43	4206470.03	0.91831	12	12	0	ANNUAL	LINE	5
610399.43	4206470.03	0.91894	12	12	0	ANNUAL	LINE	5
610406.43	4206470.03	0.91942	12	12	0	ANNUAL	LINE	5
610413.43	4206470.03	0.91976	12	12	0	ANNUAL	LINE	5
610420.43	4206470.03	0.91996	12	12	0	ANNUAL	LINE	5
610427.43	4206470.03	0.92002	12	12	0	ANNUAL	LINE	5
610434.43	4206470.03	0.91995	12	12	0	ANNUAL	LINE	5
610441.43	4206470.03	0.91975	12	12	0	ANNUAL	LINE	5
610448.43	4206470.03	0.91943	12	12	0	ANNUAL	LINE	5

610455.43	4206470.03	0.91898	12	12	0	ANNUAL	LINE	5
610462.43	4206470.03	0.91841	12	12	0	ANNUAL	LINE	5
610469.43	4206470.03	0.91772	12	12	0	ANNUAL	LINE	5
610476.43	4206470.03	0.91691	12	12	0	ANNUAL	LINE	5
610497.43	4206470.03	0.91372	12	12	0	ANNUAL	LINE	5
610504.43	4206470.03	0.9124	12	12	0	ANNUAL	LINE	5
610511.43	4206470.03	0.91094	12	12	0	ANNUAL	LINE	5
610518.43	4206470.03	0.90934	12	12	0	ANNUAL	LINE	5
610525.43	4206470.03	0.90758	12	12	0	ANNUAL	LINE	5
610532.43	4206470.03	0.90567	12	12	0	ANNUAL	LINE	5
610539.43	4206470.03	0.90359	12	12	0	ANNUAL	LINE	5
610546.43	4206470.03	0.90134	12	12	0	ANNUAL	LINE	5
610553.43	4206470.03	0.89891	12	12	0	ANNUAL	LINE	5
610560.43	4206470.03	0.89629	12	12	0	ANNUAL	LINE	5
610567.43	4206470.03	0.89347	12	12	0	ANNUAL	LINE	5
610574.43	4206470.03	0.89045	12	12	0	ANNUAL	LINE	5
610581.43	4206470.03	0.88723	12	12	0	ANNUAL	LINE	5
610588.43	4206470.03	0.88378	12	12	0	ANNUAL	LINE	5
610595.43	4206470.03	0.88012	11.99	11.99	0	ANNUAL	LINE	5
610602.43	4206470.03	0.87621	11.99	11.99	0	ANNUAL	LINE	5
610609.43	4206470.03	0.87204	11.99	11.99	0	ANNUAL	LINE	5
610616.43	4206470.03	0.86759	11.99	11.99	0	ANNUAL	LINE	5
610623.43	4206470.03	0.86284	11.99	11.99	0	ANNUAL	LINE	5
610630.43	4206470.03	0.85787	11.95	11.95	0	ANNUAL	LINE	5
610637.43	4206470.03	0.85275	11.86	11.86	0	ANNUAL	LINE	5
610644.43	4206470.03	0.84728	11.76	11.76	0	ANNUAL	LINE	5
610651.43	4206470.03	0.84142	11.67	11.67	0	ANNUAL	LINE	5
610658.43	4206470.03	0.83519	11.57	11.57	0	ANNUAL	LINE	5
610665.43	4206470.03	0.82854	11.48	11.48	0	ANNUAL	LINE	5
610672.43	4206470.03	0.82143	11.39	11.39	0	ANNUAL	LINE	5
610679.43	4206470.03	0.81384	11.29	11.29	0	ANNUAL	LINE	5
610686.43	4206470.03	0.80572	11.2	11.2	0	ANNUAL	LINE	5
610693.43	4206470.03	0.79704	11.1	11.1	0	ANNUAL	LINE	5
610700.43	4206470.03	0.78785	11.01	11.01	0	ANNUAL	LINE	5
610707.43	4206470.03	0.77813	10.92	10.92	0	ANNUAL	LINE	5
610714.43	4206470.03	0.76784	10.82	10.82	0	ANNUAL	LINE	5
610721.43	4206470.03	0.75695	10.72	10.72	0	ANNUAL	LINE	5
610756.43	4206470.03	0.69304	10.25	10.25	0	ANNUAL	LINE	5
610763.43	4206470.03	0.67849	10.15	10.15	0	ANNUAL	LINE	5
610770.43	4206470.03	0.66347	10.05	10.05	0	ANNUAL	LINE	5
610777.43	4206470.03	0.64806	9.96	9.96	0	ANNUAL	LINE	5
610784.43	4206470.03	0.63232	9.86	9.86	0	ANNUAL	LINE	5
610791.43	4206470.03	0.61635	9.77	9.77	0	ANNUAL	LINE	5
610798.43	4206470.03	0.60023	9.67	9.67	0	ANNUAL	LINE	5
610805.43	4206470.03	0.58403	9.58	9.58	0	ANNUAL	LINE	5
610812.43	4206470.03	0.56783	9.48	9.48	0	ANNUAL	LINE	5
610819.43	4206470.03	0.55171	9.39	9.39	0	ANNUAL	LINE	5
610826.43	4206470.03	0.53572	9.29	9.29	0	ANNUAL	LINE	5
610833.43	4206470.03	0.51991	9.19	9.19	0	ANNUAL	LINE	5
610840.43	4206470.03	0.50434	9.1	9.1	0	ANNUAL	LINE	5
610847.43	4206470.03	0.48905	9	9	0	ANNUAL	LINE	5
610854.43	4206470.03	0.47409	9	9	0	ANNUAL	LINE	5
610861.43	4206470.03	0.45946	9	9	0	ANNUAL	LINE	5
610868.43	4206470.03	0.44519	9	9	0	ANNUAL	LINE	5
610875.43	4206470.03	0.43128	9	9	0	ANNUAL	LINE	5
610882.43	4206470.03	0.41776	9	9	0	ANNUAL	LINE	5
610889.43	4206470.03	0.40462	9	9	0	ANNUAL	LINE	5
610910.43	4206470.03	0.36759	9	9	0	ANNUAL	LINE	5
610917.43	4206470.03	0.35603	9	9	0	ANNUAL	LINE	5
610924.43	4206470.03	0.34486	9	9	0	ANNUAL	LINE	5
610931.43	4206470.03	0.33408	9	9	0	ANNUAL	LINE	5
610938.43	4206470.03	0.32367	9	9	0	ANNUAL	LINE	5
610945.43	4206470.03	0.31362	9	9	0	ANNUAL	LINE	5
610952.43	4206470.03	0.30394	9	9	0	ANNUAL	LINE	5
610959.43	4206470.03	0.2946	9	9	0	ANNUAL	LINE	5
610966.43	4206470.03	0.2856	9	9	0	ANNUAL	LINE	5
610973.43	4206470.03	0.27692	9	9	0	ANNUAL	LINE	5
610980.43	4206470.03	0.26857	9	9	0	ANNUAL	LINE	5
610987.43	4206470.03	0.26052	9	9	0	ANNUAL	LINE	5
611008.43	4206470.03	0.23811	9	9	0	ANNUAL	LINE	5
611015.43	4206470.03	0.23118	9	9	0	ANNUAL	LINE	5
611022.43	4206470.03	0.2245	9	9	0	ANNUAL	LINE	5
611029.43	4206470.03	0.21807	9	9	0	ANNUAL	LINE	5
611036.43	4206470.03	0.21188	9	9	0	ANNUAL	LINE	5
611043.43	4206470.03	0.20591	9	9	0	ANNUAL	LINE	5
611050.43	4206470.03	0.20016	9	9	0	ANNUAL	LINE	5
611057.43	4206470.03	0.19462	9	9	0	ANNUAL	LINE	5
611062.21	4206469.92	0.1909	9	9	0	ANNUAL	LINE	5
611078.43	4206470.03	0.17916	9	9	0	ANNUAL	LINE	5
611085.43	4206470.03	0.17437	9	9	0	ANNUAL	LINE	5
611092.43	4206470.03	0.16975	9	9	0	ANNUAL	LINE	5
610294.43	4206477.03	0.84763	11.33	11.33	0	ANNUAL	LINE	5
610301.43	4206477.03	0.84969	11.43	11.43	0	ANNUAL	LINE	5
610308.43	4206477.03	0.85154	11.53	11.53	0	ANNUAL	LINE	5
610315.43	4206477.03	0.85331	11.62	11.62	0	ANNUAL	LINE	5
610322.43	4206477.03	0.85498	11.72	11.72	0	ANNUAL	LINE	5
610329.43	4206477.03	0.85658	11.82	11.82	0	ANNUAL	LINE	5
610336.43	4206477.03	0.85816	11.9	11.9	0	ANNUAL	LINE	5
610343.43	4206477.03	0.85985	11.91	11.91	0	ANNUAL	LINE	5
610350.43	4206477.03	0.86144	11.92	11.92	0	ANNUAL	LINE	5
610357.43	4206477.03	0.86291	11.93	11.93	0	ANNUAL	LINE	5
610364.43	4206477.03	0.86426	11.94	11.94	0	ANNUAL	LINE	5
610371.43	4206477.03	0.8655	11.95	11.95	0	ANNUAL	LINE	5
610378.43	4206477.03	0.86661	11.96	11.96	0	ANNUAL	LINE	5
610385.43	4206477.03	0.86759	11.97	11.97	0	ANNUAL	LINE	5
610392.43	4206477.03	0.86845	11.98	11.98	0	ANNUAL	LINE	5
610399.43	4206477.03	0.86917	11.99	11.99	0	ANNUAL	LINE	5
610406.43	4206477.03	0.86978	12	12	0	ANNUAL	LINE	5
610413.43	4206477.03	0.87021	12	12	0	ANNUAL	LINE	5
610420.43	4206477.03	0.87051	12	12	0	ANNUAL	LINE	5
610427.43	4206477.03	0.87067	12	12	0	ANNUAL	LINE	5
610434.43	4206477.03	0.87071	12	12	0	ANNUAL	LINE	5
610441.43	4206477.03	0.87062	12	12	0	ANNUAL	LINE	5
610448.43	4206477.03	0.8704	12	12	0	ANNUAL	LINE	5
610455.43	4206477.03	0.87006	12	12	0	ANNUAL	LINE	5
610462.43	4206477.03	0.8696	12	12	0	ANNUAL	LINE	5
610469.43	4206477.03	0.86902	12	12	0	ANNUAL	LINE	5
610476.43	4206477.03	0.86831	12	12	0	ANNUAL	LINE	5
610497.43	4206477.03	0.86547	12	12	0	ANNUAL	LINE	5
610504.43	4206477.03	0.86427	12	12	0	ANNUAL	LINE	5
610511.43	4206477.03	0.86293	12	12	0	ANNUAL	LINE	5
610518.43	4206477.03	0.86146	12	12	0	ANNUAL	LINE	5
610525.43	4206477.03	0.85985	12	12	0	ANNUAL	LINE	5
610532.43	4206477.03	0.85808	12	12	0	ANNUAL	LINE	5
610539.43	4206477.03	0.85617	12	12	0	ANNUAL	LINE	5
610546.43	4206477.03	0.8541	12	12	0	ANNUAL	LINE	5
610553.43	4206477.03	0.85186	12	12	0	ANNUAL	LINE	5
610560.43	4206477.03	0.84943	11.99	11.99	0	ANNUAL	LINE	5
610567.43	4206477.03	0.84685	11.99	11.99	0	ANNUAL	LINE	5
610574.43	4206477.03	0.84408	11.98	11.98	0	ANNUAL	LINE	5
610581.43	4206477.03	0.84114	11.98	11.98	0	ANNUAL	LINE	5
610588.43	4206477.03	0.83799	11.97	11.97	0	ANNUAL	LINE	5
610595.43	4206477.03	0.83465	11.96	11.96	0	ANNUAL	LINE	5
610602.43	4206477.03	0.8311	11.96	11.96	0	ANNUAL	LINE	5
610609.43	4206477.03	0.82734	11.95	11.95	0	ANNUAL	LINE	5
610616.43	4206477.03	0.82332	11.95	11.95	0	ANNUAL	LINE	5
610623.43	4206477.03	0.81905	11.94	11.94	0	ANNUAL	LINE	5
610630.43	4206477.03	0.81453	11.91	11.91	0	ANNUAL	LINE	5
610637.43	4206477.03	0.80987	11.81	11.81	0	ANNUAL	LINE	5
610644.43	4206477.03	0.80489	11.72	11.72	0	ANNUAL	LINE	5
610651.43	4206477.03	0.7996	11.62	11.62	0	ANNUAL	LINE	5
610658.43	4206477.03	0.79394	11.53	11.53	0	ANNUAL	LINE	5
610665.43	4206477.03	0.78794	11.43	11.43	0	ANNUAL	LINE	5
610672.43	4206477.03	0.78153	11.34	11.34	0	ANNUAL	LINE	5
610679.43	4206477.03	0.77469	11.25	11.25	0	ANNUAL	LINE	5
610686.43	4206477.03	0.76739	11.15	11.15	0	ANNUAL	LINE	5
610693.43	4206477.03	0.75966	11.06	11.06	0	ANNUAL	LINE	5
610700.43	4206477.03	0.75149	10.96	10.96	0	ANNUAL	LINE	5
610707.43	4206477.03	0.74288	10.87	10.87	0	ANNUAL	LINE	5
610714.43	4206477.03	0.73379	10.78	10.78	0	ANNUAL	LINE	5
610721.43	4206477.03	0.72419	10.69	10.69	0	ANNUAL	LINE	5
610735.43	4206477.03	0.70337	10.51	10.51	0	ANNUAL	LINE	5
610742.43	4206477.03	0.69212	10.42	10.42	0	ANNUAL	LINE	5
610749.43	4206477.03	0.68031	10.33	10.33	0	ANNUAL	LINE	5
610756.43	4206477.03	0.66796	10.23	10.23	0	ANNUAL	LINE	5
610763.43	4206477.03	0.65511	10.14	10.14	0	ANNUAL	LINE	5
610770.43	4206477.03	0.6418	10.05	10.05	0	ANNUAL	LINE	5
610777.43	4206477.03	0.62809	9.96	9.96	0	ANNUAL	LINE	5
610784.43	4206477.03	0.61402	9.86	9.86	0	ANNUAL	LINE	5
610791.43	4206477.03	0.59969	9.77	9.77	0	ANNUAL	LINE	5
610798.43	4206477.03	0.58515	9.67	9.67	0	ANNUAL	LINE	5
610805.43	4206477.03	0.57048	9.58	9.58	0	ANNUAL	LINE	5
610812.43	4206477.03	0.55573	9.48	9.48	0	ANNUAL	LINE	5
610819.43	4206477.03	0.54097	9.38	9.38	0	ANNUAL	LINE	5
610826.43	4206477.03	0.52628	9.29	9.29	0	ANNUAL	LINE	5
610833.43	4206477.03	0.51168	9.19	9.19	0	ANNUAL	LINE	5
610840.43	4206477.03	0.49724	9.1	9.1	0	ANNUAL	LINE	5
610847.43	4206477.03	0.48299	9	9	0	ANNUAL	LINE	5
610854.43	4206477.03	0.469	9	9	0	ANNUAL	LINE	5
610861.43	4206477.03	0.45526	9	9	0	ANNUAL	LINE	5
610868.43	4206477.03	0.4418	8.99	8.99	0	ANNUAL	LINE	5
610875.43	4206477.03	0.42863	8.99	8.99	0	ANNUAL	LINE	5
610882.43	4206477.03	0.41579	8.99	8.99	0	ANNUAL	LINE	5
610889.43	4206477.03	0.40327	8.99	8.99	0	ANNUAL	LINE	5
610910.43	4206477.03	0.36774	8.98	8.98	0	ANNUAL	LINE	5
610917.43	4206477.03	0.35659	8.98	8.98	0	ANNUAL	LINE	5
610924.43	4206477.03	0.34578	8.98	8.98	0	ANNUAL	LINE	5
610931.43	4206477.03	0.33532	8.98	8.98	0	ANNUAL	LINE	5
610938.43	4206477.03	0.32519	8.99	8.99	0	ANNUAL	LINE	5
610945.43	4206477.03	0.3154	8.99	8.99	0	ANNUAL	LINE	5
610952.43	4206477.03	0.30593	8.99	8.99	0	ANNUAL	LINE	5
610959.43	4206477.03	0.29678	8.99	8.99	0	ANNUAL	LINE	5
610966.43	4206477.03	0.28795	8.99	8.99	0	ANNUAL	LINE	5
610973.43	4206477.03	0.27942	8.99	8.99	0	ANNUAL	LINE	5
610980.43	4206477.03	0.27119	8.99	8.99	0	ANNUAL	LINE	5
610987.43	4206477.03	0.26324	8.99	8.99	0	ANNUAL	LINE	5
611008.43	4206477.03	0.24104	9	9	0	ANNUAL	LINE	5
611015.43	4206477.03	0.23416	9	9	0	ANNUAL	LINE	5
611022.43	4206477.03	0.22752	9	9	0	ANNUAL	LINE	5
611029.43	4206477.03	0.22111	9	9	0	ANNUAL	LINE	5
611036.43	4206477.03	0.21493	9	9	0	ANNUAL	LINE	5
611043.43	4206477.03	0.20897	9	9	0	ANNUAL	LINE	5
611050.43	4206477.03	0.20322	9	9	0	ANNUAL	LINE	5
611057.43	4206477.03	0.19767	9	9	0	ANNUAL	LINE	5
611062.21	4206476.92	0.19395	9	9	0	ANNUAL	LINE	5
611078.43	4206477.03	0.18216	9	9	0	ANNUAL	LINE	5
611085.43	4206477.03	0.17735	9	9	0	ANNUAL	LINE	5
611092.43	4206477.03	0.1727	9	9	0	ANNUAL	LINE	5
610294.43	4206484.03	0.80151	11.26	11.26	0	ANNUAL	LINE	5
610301.43	4206484.03	0.80367	11.36	11.36	0	ANNUAL	LINE	5
610308.43	4206484.03	0.80563	11.45	11.45	0	ANNUAL	LINE	5
610315.43	4206484.03	0.8074	11.55	11.55	0	ANNUAL	LINE	5
610322.43	4206484.03	0.80907	11.65	11.65	0	ANNUAL	LINE	5
610329.43	4206484.03	0.81071	11.74	11.74	0	ANNUAL	LINE	5
610336.43	4206484.03	0.81228	11.83	11.83	0	ANNUAL	LINE	5
610343.43	4206484.03	0.81395	11.84	11.84	0	ANNUAL	LINE	5
610350.43	4206484.03	0.8155	11.86	11.86	0	ANNUAL	LINE	5
610357.43	4206484.03	0.81695	11.88	11.88	0	ANNUAL	LINE	5
610364.43	4206484.03	0.8183	11.9	11.9	0	ANNUAL	LINE	5
610371.43	4206484.03	0.81955	11.91	11.91	0	ANNUAL	LINE	5
610378.43	4206484.03	0.8207	11.93	11.93	0	ANNUAL	LINE	5
610385.43	4206484.03	0.82174	11.95	11.95	0	ANNUAL	LINE	5
610392.43	4206484.03	0.82265	11.96	11.96	0	ANNUAL	LINE	5
610399.43	4206484.03	0.82346	11.98	11.98	0	ANNUAL	LINE	5
610406.43	4206484.03	0.82415	12	12	0	ANNUAL	LINE	5
610413.43	4206484.03	0.82467	12	12	0	ANNUAL	LINE	5
610420.43	4206484.03	0.82506	12	12	0	ANNUAL	LINE	5
610427.43	4206484.03	0.82533	12	12	0	ANNUAL	LINE	5
610434.43	4206484.03	0.82546	12	12	0	ANNUAL	LINE	5
610441.43	4206484.03	0.82547	12	12	0	ANNUAL	LINE	5
610448.43	4206484.03	0.82536	12	12	0	ANNUAL	LINE	5

610455.43	4206484.03	0.82512	12	12	0	ANNUAL	LINE	5
610462.43	4206484.03	0.82477	12	12	0	ANNUAL	LINE	5
610469.43	4206484.03	0.82429	12	12	0	ANNUAL	LINE	5
610497.43	4206484.03	0.8212	12	12	0	ANNUAL	LINE	5
610504.43	4206484.03	0.82012	12	12	0	ANNUAL	LINE	5
610511.43	4206484.03	0.81891	12	12	0	ANNUAL	LINE	5
610518.43	4206484.03	0.81757	12	12	0	ANNUAL	LINE	5
610525.43	4206484.03	0.8161	12	12	0	ANNUAL	LINE	5
610532.43	4206484.03	0.81448	12	12	0	ANNUAL	LINE	5
610539.43	4206484.03	0.81273	12	12	0	ANNUAL	LINE	5
610546.43	4206484.03	0.81083	12	12	0	ANNUAL	LINE	5
610553.43	4206484.03	0.80877	12	12	0	ANNUAL	LINE	5
610560.43	4206484.03	0.80654	11.99	11.99	0	ANNUAL	LINE	5
610567.43	4206484.03	0.80415	11.97	11.97	0	ANNUAL	LINE	5
610574.43	4206484.03	0.80161	11.96	11.96	0	ANNUAL	LINE	5
610581.43	4206484.03	0.79891	11.95	11.95	0	ANNUAL	LINE	5
610588.43	4206484.03	0.79605	11.93	11.93	0	ANNUAL	LINE	5
610595.43	4206484.03	0.79301	11.92	11.92	0	ANNUAL	LINE	5
610602.43	4206484.03	0.7898	11.91	11.91	0	ANNUAL	LINE	5
610609.43	4206484.03	0.78638	11.9	11.9	0	ANNUAL	LINE	5
610616.43	4206484.03	0.78276	11.88	11.88	0	ANNUAL	LINE	5
610623.43	4206484.03	0.77891	11.87	11.87	0	ANNUAL	LINE	5
610630.43	4206484.03	0.77482	11.83	11.83	0	ANNUAL	LINE	5
610637.43	4206484.03	0.77056	11.74	11.74	0	ANNUAL	LINE	5
610644.43	4206484.03	0.76602	11.64	11.64	0	ANNUAL	LINE	5
610651.43	4206484.03	0.76119	11.55	11.55	0	ANNUAL	LINE	5
610658.43	4206484.03	0.75606	11.45	11.45	0	ANNUAL	LINE	5
610665.43	4206484.03	0.7506	11.36	11.36	0	ANNUAL	LINE	5
610672.43	4206484.03	0.74479	11.26	11.26	0	ANNUAL	LINE	5
610679.43	4206484.03	0.7386	11.17	11.17	0	ANNUAL	LINE	5
610686.43	4206484.03	0.73202	11.07	11.07	0	ANNUAL	LINE	5
610693.43	4206484.03	0.72511	10.98	10.98	0	ANNUAL	LINE	5
610700.43	4206484.03	0.71783	10.88	10.88	0	ANNUAL	LINE	5
610707.43	4206484.03	0.71017	10.8	10.8	0	ANNUAL	LINE	5
610714.43	4206484.03	0.7021	10.72	10.72	0	ANNUAL	LINE	5
610721.43	4206484.03	0.6936	10.63	10.63	0	ANNUAL	LINE	5
610735.43	4206484.03	0.6752	10.47	10.47	0	ANNUAL	LINE	5
610742.43	4206484.03	0.66526	10.38	10.38	0	ANNUAL	LINE	5
610749.43	4206484.03	0.65484	10.3	10.3	0	ANNUAL	LINE	5
610756.43	4206484.03	0.64393	10.22	10.22	0	ANNUAL	LINE	5
610763.43	4206484.03	0.63254	10.13	10.13	0	ANNUAL	LINE	5
610770.43	4206484.03	0.62073	10.05	10.05	0	ANNUAL	LINE	5
610777.43	4206484.03	0.60852	9.96	9.96	0	ANNUAL	LINE	5
610784.43	4206484.03	0.59595	9.86	9.86	0	ANNUAL	LINE	5
610791.43	4206484.03	0.58308	9.77	9.77	0	ANNUAL	LINE	5
610798.43	4206484.03	0.56998	9.67	9.67	0	ANNUAL	LINE	5
610805.43	4206484.03	0.55669	9.57	9.57	0	ANNUAL	LINE	5
610812.43	4206484.03	0.54328	9.48	9.48	0	ANNUAL	LINE	5
610819.43	4206484.03	0.52981	9.38	9.38	0	ANNUAL	LINE	5
610826.43	4206484.03	0.51632	9.29	9.29	0	ANNUAL	LINE	5
610833.43	4206484.03	0.50287	9.19	9.19	0	ANNUAL	LINE	5
610840.43	4206484.03	0.48951	9.1	9.1	0	ANNUAL	LINE	5
610847.43	4206484.03	0.47627	9	9	0	ANNUAL	LINE	5
610854.43	4206484.03	0.46321	8.99	8.99	0	ANNUAL	LINE	5
610861.43	4206484.03	0.45034	8.98	8.98	0	ANNUAL	LINE	5
610868.43	4206484.03	0.43768	8.97	8.97	0	ANNUAL	LINE	5
610875.43	4206484.03	0.42526	8.96	8.96	0	ANNUAL	LINE	5
610882.43	4206484.03	0.41309	8.95	8.95	0	ANNUAL	LINE	5
610889.43	4206484.03	0.4012	8.94	8.94	0	ANNUAL	LINE	5
610910.43	4206484.03	0.36723	8.92	8.92	0	ANNUAL	LINE	5
610917.43	4206484.03	0.3565	8.91	8.91	0	ANNUAL	LINE	5
610924.43	4206484.03	0.34608	8.91	8.91	0	ANNUAL	LINE	5
610931.43	4206484.03	0.33595	8.91	8.91	0	ANNUAL	LINE	5
610938.43	4206484.03	0.32614	8.91	8.91	0	ANNUAL	LINE	5
610945.43	4206484.03	0.31662	8.91	8.91	0	ANNUAL	LINE	5
610952.43	4206484.03	0.30739	8.91	8.91	0	ANNUAL	LINE	5
610959.43	4206484.03	0.29846	8.91	8.91	0	ANNUAL	LINE	5
610966.43	4206484.03	0.28982	8.91	8.91	0	ANNUAL	LINE	5
610973.43	4206484.03	0.28146	8.92	8.92	0	ANNUAL	LINE	5
610980.43	4206484.03	0.27337	8.92	8.92	0	ANNUAL	LINE	5
610987.43	4206484.03	0.26555	8.92	8.92	0	ANNUAL	LINE	5
611008.43	4206484.03	0.24363	8.92	8.92	0	ANNUAL	LINE	5
611015.43	4206484.03	0.23681	8.92	8.92	0	ANNUAL	LINE	5
611022.43	4206484.03	0.23022	8.92	8.92	0	ANNUAL	LINE	5
611029.43	4206484.03	0.22386	8.92	8.92	0	ANNUAL	LINE	5
611036.43	4206484.03	0.21771	8.92	8.92	0	ANNUAL	LINE	5
611043.43	4206484.03	0.21177	8.93	8.93	0	ANNUAL	LINE	5
611050.43	4206484.03	0.20604	8.93	8.93	0	ANNUAL	LINE	5
611057.43	4206484.03	0.2005	8.93	8.93	0	ANNUAL	LINE	5
611062.21	4206483.92	0.19678	8.93	8.93	0	ANNUAL	LINE	5
611078.43	4206484.03	0.18498	8.93	8.93	0	ANNUAL	LINE	5
611085.43	4206484.03	0.18015	8.93	8.93	0	ANNUAL	LINE	5
611092.43	4206484.03	0.17549	8.93	8.93	0	ANNUAL	LINE	5
610294.43	4206491.03	0.75892	11.18	11.18	0	ANNUAL	LINE	5
610301.43	4206491.03	0.76116	11.28	11.28	0	ANNUAL	LINE	5
610308.43	4206491.03	0.7632	11.38	11.38	0	ANNUAL	LINE	5
610315.43	4206491.03	0.76507	11.47	11.47	0	ANNUAL	LINE	5
610322.43	4206491.03	0.76677	11.57	11.57	0	ANNUAL	LINE	5
610329.43	4206491.03	0.76839	11.67	11.67	0	ANNUAL	LINE	5
610336.43	4206491.03	0.76998	11.75	11.75	0	ANNUAL	LINE	5
610343.43	4206491.03	0.77161	11.78	11.78	0	ANNUAL	LINE	5
610350.43	4206491.03	0.77316	11.8	11.8	0	ANNUAL	LINE	5
610357.43	4206491.03	0.77461	11.83	11.83	0	ANNUAL	LINE	5
610364.43	4206491.03	0.77597	11.85	11.85	0	ANNUAL	LINE	5
610371.43	4206491.03	0.77723	11.87	11.87	0	ANNUAL	LINE	5
610378.43	4206491.03	0.77839	11.9	11.9	0	ANNUAL	LINE	5
610385.43	4206491.03	0.77946	11.92	11.92	0	ANNUAL	LINE	5
610392.43	4206491.03	0.78045	11.95	11.95	0	ANNUAL	LINE	5
610399.43	4206491.03	0.78131	11.97	11.97	0	ANNUAL	LINE	5
610406.43	4206491.03	0.78206	11.99	11.99	0	ANNUAL	LINE	5
610413.43	4206491.03	0.78268	12	12	0	ANNUAL	LINE	5
610420.43	4206491.03	0.78316	12	12	0	ANNUAL	LINE	5
610427.43	4206491.03	0.78351	12	12	0	ANNUAL	LINE	5
610434.43	4206491.03	0.78374	12	12	0	ANNUAL	LINE	5
610441.43	4206491.03	0.78385	12	12	0	ANNUAL	LINE	5
610448.43	4206491.03	0.78383	12	12	0	ANNUAL	LINE	5
610455.43	4206491.03	0.7837	12	12	0	ANNUAL	LINE	5
610462.43	4206491.03	0.78345	12	12	0	ANNUAL	LINE	5
610469.43	4206491.03	0.78308	12	12	0	ANNUAL	LINE	5
610497.43	4206491.03	0.78043	12	12	0	ANNUAL	LINE	5
610504.43	4206491.03	0.77947	12	12	0	ANNUAL	LINE	5
610511.43	4206491.03	0.77839	12	12	0	ANNUAL	LINE	5
610518.43	4206491.03	0.77718	12	12	0	ANNUAL	LINE	5
610525.43	4206491.03	0.77584	12	12	0	ANNUAL	LINE	5
610532.43	4206491.03	0.77438	12	12	0	ANNUAL	LINE	5
610539.43	4206491.03	0.77278	12	12	0	ANNUAL	LINE	5
610546.43	4206491.03	0.77104	12	12	0	ANNUAL	LINE	5
610553.43	4206491.03	0.76916	12	12	0	ANNUAL	LINE	5
610560.43	4206491.03	0.76711	11.98	11.98	0	ANNUAL	LINE	5
610567.43	4206491.03	0.76491	11.96	11.96	0	ANNUAL	LINE	5
610574.43	4206491.03	0.76258	11.94	11.94	0	ANNUAL	LINE	5
610581.43	4206491.03	0.76011	11.92	11.92	0	ANNUAL	LINE	5
610588.43	4206491.03	0.7575	11.9	11.9	0	ANNUAL	LINE	5
610595.43	4206491.03	0.75473	11.88	11.88	0	ANNUAL	LINE	5
610602.43	4206491.03	0.7518	11.86	11.86	0	ANNUAL	LINE	5
610609.43	4206491.03	0.7487	11.84	11.84	0	ANNUAL	LINE	5
610616.43	4206491.03	0.7454	11.82	11.82	0	ANNUAL	LINE	5
610623.43	4206491.03	0.74191	11.8	11.8	0	ANNUAL	LINE	5
610630.43	4206491.03	0.73822	11.75	11.75	0	ANNUAL	LINE	5
610637.43	4206491.03	0.73431	11.66	11.66	0	ANNUAL	LINE	5
610644.43	4206491.03	0.73017	11.56	11.56	0	ANNUAL	LINE	5
610651.43	4206491.03	0.72577	11.47	11.47	0	ANNUAL	LINE	5
610658.43	4206491.03	0.7211	11.37	11.37	0	ANNUAL	LINE	5
610665.43	4206491.03	0.71612	11.28	11.28	0	ANNUAL	LINE	5
610672.43	4206491.03	0.71084	11.19	11.19	0	ANNUAL	LINE	5
610679.43	4206491.03	0.70522	11.09	11.09	0	ANNUAL	LINE	5
610686.43	4206491.03	0.69932	11	11	0	ANNUAL	LINE	5
610693.43	4206491.03	0.6931	10.9	10.9	0	ANNUAL	LINE	5
610700.43	4206491.03	0.68658	10.81	10.81	0	ANNUAL	LINE	5
610707.43	4206491.03	0.67974	10.73	10.73	0	ANNUAL	LINE	5
610714.43	4206491.03	0.67255	10.65	10.65	0	ANNUAL	LINE	5
610721.43	4206491.03	0.66499	10.58	10.58	0	ANNUAL	LINE	5
610735.43	4206491.03	0.64865	10.43	10.43	0	ANNUAL	LINE	5
610742.43	4206491.03	0.63985	10.35	10.35	0	ANNUAL	LINE	5
610749.43	4206491.03	0.63061	10.27	10.27	0	ANNUAL	LINE	5
610756.43	4206491.03	0.62094	10.2	10.2	0	ANNUAL	LINE	5
610763.43	4206491.03	0.61083	10.12	10.12	0	ANNUAL	LINE	5
610770.43	4206491.03	0.60032	10.04	10.04	0	ANNUAL	LINE	5
610777.43	4206491.03	0.58943	9.96	9.96	0	ANNUAL	LINE	5
610784.43	4206491.03	0.57818	9.86	9.86	0	ANNUAL	LINE	5
610791.43	4206491.03	0.56663	9.76	9.76	0	ANNUAL	LINE	5
610798.43	4206491.03	0.55482	9.67	9.67	0	ANNUAL	LINE	5
610805.43	4206491.03	0.5428	9.57	9.57	0	ANNUAL	LINE	5
610812.43	4206491.03	0.53062	9.48	9.48	0	ANNUAL	LINE	5
610819.43	4206491.03	0.51833	9.38	9.38	0	ANNUAL	LINE	5
610826.43	4206491.03	0.50598	9.29	9.29	0	ANNUAL	LINE	5
610833.43	4206491.03	0.49361	9.19	9.19	0	ANNUAL	LINE	5
610840.43	4206491.03	0.48127	9.09	9.09	0	ANNUAL	LINE	5
610847.43	4206491.03	0.46899	9	9	0	ANNUAL	LINE	5
610854.43	4206491.03	0.45683	8.98	8.98	0	ANNUAL	LINE	5
610861.43	4206491.03	0.44481	8.97	8.97	0	ANNUAL	LINE	5
610868.43	4206491.03	0.43293	8.95	8.95	0	ANNUAL	LINE	5
610875.43	4206491.03	0.42124	8.93	8.93	0	ANNUAL	LINE	5
610882.43	4206491.03	0.40975	8.92	8.92	0	ANNUAL	LINE	5
610889.43	4206491.03	0.39848	8.9	8.9	0	ANNUAL	LINE	5
610910.43	4206491.03	0.36609	8.85	8.85	0	ANNUAL	LINE	5
610917.43	4206491.03	0.3558	8.84	8.84	0	ANNUAL	LINE	5
610924.43	4206491.03	0.34578	8.83	8.83	0	ANNUAL	LINE	5
610931.43	4206491.03	0.33602	8.83	8.83	0	ANNUAL	LINE	5
610938.43	4206491.03	0.32653	8.83	8.83	0	ANNUAL	LINE	5
610945.43	4206491.03	0.31731	8.84	8.84	0	ANNUAL	LINE	5
610952.43	4206491.03	0.30835	8.84	8.84	0	ANNUAL	LINE	5
610959.43	4206491.03	0.29966	8.84	8.84	0	ANNUAL	LINE	5
610966.43	4206491.03	0.29123	8.84	8.84	0	ANNUAL	LINE	5
610973.43	4206491.03	0.28305	8.84	8.84	0	ANNUAL	LINE	5
610980.43	4206491.03	0.27513	8.84	8.84	0	ANNUAL	LINE	5
610987.43	4206491.03	0.26746	8.84	8.84	0	ANNUAL	LINE	5
611008.43	4206491.03	0.24587	8.84	8.84	0	ANNUAL	LINE	5
611015.43	4206491.03	0.23914	8.85	8.85	0	ANNUAL	LINE	5
611022.43	4206491.03	0.23262	8.85	8.85	0	ANNUAL	LINE	5
611029.43	4206491.03	0.22631	8.85	8.85	0	ANNUAL	LINE	5
611036.43	4206491.03	0.22021	8.85	8.85	0	ANNUAL	LINE	5
611043.43	4206491.03	0.21431	8.85	8.85	0	ANNUAL	LINE	5
611050.43	4206491.03	0.20861	8.85	8.85	0	ANNUAL	LINE	5
611057.43	4206491.03	0.20309	8.85	8.85	0	ANNUAL	LINE	5
611062.21	4206490.92	0.19939	8.85	8.85	0	ANNUAL	LINE	5
611078.43	4206491.03	0.1876	8.86	8.86	0	ANNUAL	LINE	5
611085.43	4206491.03	0.18277	8.86	8.86	0	ANNUAL	LINE	5
611092.43	4206491.03	0.1781	8.86	8.86	0	ANNUAL	LINE	5
610294.43	4206498.03	0.71953	11.11	11.11	0	ANNUAL	LINE	5
610301.43	4206498.03	0.72181	11.21	11.21	0	ANNUAL	LINE	5
610308.43	4206498.03	0.72391	11.3	11.3	0	ANNUAL	LINE	5
610315.43	4206498.03	0.72586	11.4	11.4	0	ANNUAL	LINE	5
610322.43	4206498.03	0.72762	11.5	11.5	0	ANNUAL	LINE	5
610329.43	4206498.03	0.72928	11.59	11.59	0	ANNUAL	LINE	5
610336.43	4206498.03	0.73086	11.68	11.68	0	ANNUAL	LINE	5
610343.43	4206498.03	0.73249	11.71	11.71	0	ANNUAL	LINE	5
610350.43	4206498.03	0.73402	11.74	11.74	0	ANNUAL	LINE	5
610357.43	4206498.03	0.73546	11.77	11.77	0	ANNUAL	LINE	5
610364.43	4206498.03	0.73683	11.81	11.81	0	ANNUAL	LINE	5
610371.43	4206498.03	0.73811	11.84	11.84	0	ANNUAL	LINE	5
610378.43	4206498.03	0.7393	11.87	11.87	0	ANNUAL	LINE	5
610385.43	4206498.03	0.7404	11.9	11.9	0	ANNUAL	LINE	5
610392.43	4206498.03	0.74141	11.93	11.93	0	ANNUAL	LINE	5
610399.43	4206498.03	0.74234	11.96	11.96	0	ANNUAL	LINE	5
610406.43	4206498.03	0.74315	11.99	11.99	0	ANNUAL	LINE	5
610413.43	4206498.03	0.74384	12	12	0	ANNUAL	LINE	5
610420.43	4206498.03	0.7444	12	12	0	ANNUAL	LINE	5
610427.43	4206498.03	0.74483	12	12	0	ANNUAL	LINE	5
610434.43	4206498.03	0.74515	12	12	0	ANNUAL	LINE	5
610441.43	4206498.03	0.74535	12	12	0	ANNUAL	LINE	5

610448.43	4206498.03	0.74543	12	12	0	ANNUAL	LINE	5
610455.43	4206498.03	0.74539	12	12	0	ANNUAL	LINE	5
610462.43	4206498.03	0.74524	12	12	0	ANNUAL	LINE	5
610469.43	4206498.03	0.74498	12	12	0	ANNUAL	LINE	5
610497.43	4206498.03	0.74276	12	12	0	ANNUAL	LINE	5
610504.43	4206498.03	0.74192	12	12	0	ANNUAL	LINE	5
610511.43	4206498.03	0.74096	12	12	0	ANNUAL	LINE	5
610518.43	4206498.03	0.73988	12	12	0	ANNUAL	LINE	5
610525.43	4206498.03	0.73868	12	12	0	ANNUAL	LINE	5
610532.43	4206498.03	0.73735	12	12	0	ANNUAL	LINE	5
610539.43	4206498.03	0.7359	12	12	0	ANNUAL	LINE	5
610546.43	4206498.03	0.73433	12	12	0	ANNUAL	LINE	5
610553.43	4206498.03	0.73262	12	12	0	ANNUAL	LINE	5
610560.43	4206498.03	0.73074	11.98	11.98	0	ANNUAL	LINE	5
610567.43	4206498.03	0.72871	11.95	11.95	0	ANNUAL	LINE	5
610574.43	4206498.03	0.72657	11.92	11.92	0	ANNUAL	LINE	5
610581.43	4206498.03	0.72431	11.89	11.89	0	ANNUAL	LINE	5
610588.43	4206498.03	0.72192	11.86	11.86	0	ANNUAL	LINE	5
610595.43	4206498.03	0.71939	11.84	11.84	0	ANNUAL	LINE	5
610602.43	4206498.03	0.71672	11.81	11.81	0	ANNUAL	LINE	5
610609.43	4206498.03	0.71389	11.78	11.78	0	ANNUAL	LINE	5
610616.43	4206498.03	0.71091	11.76	11.76	0	ANNUAL	LINE	5
610623.43	4206498.03	0.70773	11.73	11.73	0	ANNUAL	LINE	5
610630.43	4206498.03	0.70436	11.68	11.68	0	ANNUAL	LINE	5
610637.43	4206498.03	0.70079	11.58	11.58	0	ANNUAL	LINE	5
610644.43	4206498.03	0.697	11.49	11.49	0	ANNUAL	LINE	5
610651.43	4206498.03	0.69298	11.39	11.39	0	ANNUAL	LINE	5
610658.43	4206498.03	0.68871	11.3	11.3	0	ANNUAL	LINE	5
610665.43	4206498.03	0.68418	11.2	11.2	0	ANNUAL	LINE	5
610672.43	4206498.03	0.67936	11.11	11.11	0	ANNUAL	LINE	5
610679.43	4206498.03	0.67429	11.01	11.01	0	ANNUAL	LINE	5
610686.43	4206498.03	0.66896	10.92	10.92	0	ANNUAL	LINE	5
610693.43	4206498.03	0.66337	10.82	10.82	0	ANNUAL	LINE	5
610700.43	4206498.03	0.65751	10.73	10.73	0	ANNUAL	LINE	5
610707.43	4206498.03	0.65137	10.66	10.66	0	ANNUAL	LINE	5
610714.43	4206498.03	0.64493	10.59	10.59	0	ANNUAL	LINE	5
610721.43	4206498.03	0.63818	10.52	10.52	0	ANNUAL	LINE	5
610735.43	4206498.03	0.62362	10.38	10.38	0	ANNUAL	LINE	5
610742.43	4206498.03	0.6158	10.32	10.32	0	ANNUAL	LINE	5
610749.43	4206498.03	0.60758	10.25	10.25	0	ANNUAL	LINE	5
610756.43	4206498.03	0.59897	10.18	10.18	0	ANNUAL	LINE	5
610763.43	4206498.03	0.58998	10.11	10.11	0	ANNUAL	LINE	5
610770.43	4206498.03	0.58061	10.04	10.04	0	ANNUAL	LINE	5
610777.43	4206498.03	0.57088	9.95	9.95	0	ANNUAL	LINE	5
610784.43	4206498.03	0.56081	9.86	9.86	0	ANNUAL	LINE	5
610791.43	4206498.03	0.55043	9.76	9.76	0	ANNUAL	LINE	5
610798.43	4206498.03	0.53979	9.67	9.67	0	ANNUAL	LINE	5
610805.43	4206498.03	0.52891	9.57	9.57	0	ANNUAL	LINE	5
610812.43	4206498.03	0.51786	9.48	9.48	0	ANNUAL	LINE	5
610819.43	4206498.03	0.50666	9.38	9.38	0	ANNUAL	LINE	5
610826.43	4206498.03	0.49535	9.28	9.28	0	ANNUAL	LINE	5
610833.43	4206498.03	0.484	9.19	9.19	0	ANNUAL	LINE	5
610840.43	4206498.03	0.47261	9.09	9.09	0	ANNUAL	LINE	5
610847.43	4206498.03	0.46125	9	9	0	ANNUAL	LINE	5
610854.43	4206498.03	0.44996	8.98	8.98	0	ANNUAL	LINE	5
610861.43	4206498.03	0.43874	8.95	8.95	0	ANNUAL	LINE	5
610868.43	4206498.03	0.42763	8.93	8.93	0	ANNUAL	LINE	5
610875.43	4206498.03	0.41666	8.9	8.9	0	ANNUAL	LINE	5
610882.43	4206498.03	0.40583	8.88	8.88	0	ANNUAL	LINE	5
610889.43	4206498.03	0.39518	8.86	8.86	0	ANNUAL	LINE	5
610910.43	4206498.03	0.36438	8.79	8.79	0	ANNUAL	LINE	5
610917.43	4206498.03	0.35454	8.77	8.77	0	ANNUAL	LINE	5
610924.43	4206498.03	0.34493	8.76	8.76	0	ANNUAL	LINE	5
610931.43	4206498.03	0.33555	8.76	8.76	0	ANNUAL	LINE	5
610938.43	4206498.03	0.32641	8.76	8.76	0	ANNUAL	LINE	5
610945.43	4206498.03	0.3175	8.76	8.76	0	ANNUAL	LINE	5
610952.43	4206498.03	0.30882	8.76	8.76	0	ANNUAL	LINE	5
610959.43	4206498.03	0.30038	8.76	8.76	0	ANNUAL	LINE	5
610966.43	4206498.03	0.29218	8.76	8.76	0	ANNUAL	LINE	5
610973.43	4206498.03	0.28422	8.76	8.76	0	ANNUAL	LINE	5
610980.43	4206498.03	0.27648	8.76	8.76	0	ANNUAL	LINE	5
610987.43	4206498.03	0.26897	8.77	8.77	0	ANNUAL	LINE	5
611008.43	4206498.03	0.24777	8.77	8.77	0	ANNUAL	LINE	5
611015.43	4206498.03	0.24114	8.77	8.77	0	ANNUAL	LINE	5
611022.43	4206498.03	0.2347	8.77	8.77	0	ANNUAL	LINE	5
611029.43	4206498.03	0.22847	8.77	8.77	0	ANNUAL	LINE	5
611036.43	4206498.03	0.22244	8.77	8.77	0	ANNUAL	LINE	5
611043.43	4206498.03	0.21659	8.77	8.77	0	ANNUAL	LINE	5
611050.43	4206498.03	0.21093	8.78	8.78	0	ANNUAL	LINE	5
611057.43	4206498.03	0.20545	8.78	8.78	0	ANNUAL	LINE	5
611062.21	4206497.92	0.20177	8.78	8.78	0	ANNUAL	LINE	5
611078.43	4206498.03	0.19002	8.78	8.78	0	ANNUAL	LINE	5
611085.43	4206498.03	0.1852	8.78	8.78	0	ANNUAL	LINE	5
611092.43	4206498.03	0.18054	8.78	8.78	0	ANNUAL	LINE	5
610294.43	4206505.03	0.68301	11.04	11.04	0	ANNUAL	LINE	5
610301.43	4206505.03	0.68527	11.13	11.13	0	ANNUAL	LINE	5
610308.43	4206505.03	0.68744	11.23	11.23	0	ANNUAL	LINE	5
610315.43	4206505.03	0.68944	11.33	11.33	0	ANNUAL	LINE	5
610322.43	4206505.03	0.69129	11.42	11.42	0	ANNUAL	LINE	5
610329.43	4206505.03	0.69297	11.52	11.52	0	ANNUAL	LINE	5
610336.43	4206505.03	0.69459	11.6	11.6	0	ANNUAL	LINE	5
610343.43	4206505.03	0.69619	11.64	11.64	0	ANNUAL	LINE	5
610350.43	4206505.03	0.69772	11.68	11.68	0	ANNUAL	LINE	5
610357.43	4206505.03	0.69918	11.72	11.72	0	ANNUAL	LINE	5
610364.43	4206505.03	0.70054	11.76	11.76	0	ANNUAL	LINE	5
610371.43	4206505.03	0.70183	11.8	11.8	0	ANNUAL	LINE	5
610378.43	4206505.03	0.70305	11.84	11.84	0	ANNUAL	LINE	5
610385.43	4206505.03	0.70417	11.88	11.88	0	ANNUAL	LINE	5
610392.43	4206505.03	0.70522	11.92	11.92	0	ANNUAL	LINE	5
610399.43	4206505.03	0.70618	11.95	11.95	0	ANNUAL	LINE	5
610406.43	4206505.03	0.70706	11.99	11.99	0	ANNUAL	LINE	5
610413.43	4206505.03	0.70781	12	12	0	ANNUAL	LINE	5
610420.43	4206505.03	0.70844	12	12	0	ANNUAL	LINE	5
610427.43	4206505.03	0.70895	12	12	0	ANNUAL	LINE	5
610434.43	4206505.03	0.70935	12	12	0	ANNUAL	LINE	5
610441.43	4206505.03	0.70963	12	12	0	ANNUAL	LINE	5
610448.43	4206505.03	0.7098	12	12	0	ANNUAL	LINE	5
610455.43	4206505.03	0.70986	12	12	0	ANNUAL	LINE	5
610462.43	4206505.03	0.70981	12	12	0	ANNUAL	LINE	5
610469.43	4206505.03	0.70964	12	12	0	ANNUAL	LINE	5
610497.43	4206505.03	0.70785	12	12	0	ANNUAL	LINE	5
610504.43	4206505.03	0.70712	12	12	0	ANNUAL	LINE	5
610511.43	4206505.03	0.70628	12	12	0	ANNUAL	LINE	5
610518.43	4206505.03	0.70533	12	12	0	ANNUAL	LINE	5
610525.43	4206505.03	0.70426	12	12	0	ANNUAL	LINE	5
610532.43	4206505.03	0.70307	12	12	0	ANNUAL	LINE	5
610539.43	4206505.03	0.70176	12	12	0	ANNUAL	LINE	5
610546.43	4206505.03	0.70034	12	12	0	ANNUAL	LINE	5
610553.43	4206505.03	0.69879	12	12	0	ANNUAL	LINE	5
610560.43	4206505.03	0.69706	11.97	11.97	0	ANNUAL	LINE	5
610567.43	4206505.03	0.6952	11.93	11.93	0	ANNUAL	LINE	5
610574.43	4206505.03	0.69325	11.9	11.9	0	ANNUAL	LINE	5
610581.43	4206505.03	0.69117	11.86	11.86	0	ANNUAL	LINE	5
610588.43	4206505.03	0.68898	11.83	11.83	0	ANNUAL	LINE	5
610595.43	4206505.03	0.68667	11.79	11.79	0	ANNUAL	LINE	5
610602.43	4206505.03	0.68423	11.76	11.76	0	ANNUAL	LINE	5
610609.43	4206505.03	0.68166	11.73	11.73	0	ANNUAL	LINE	5
610616.43	4206505.03	0.67892	11.69	11.69	0	ANNUAL	LINE	5
610623.43	4206505.03	0.67604	11.66	11.66	0	ANNUAL	LINE	5
610630.43	4206505.03	0.67297	11.6	11.6	0	ANNUAL	LINE	5
610637.43	4206505.03	0.66969	11.5	11.5	0	ANNUAL	LINE	5
610644.43	4206505.03	0.66622	11.41	11.41	0	ANNUAL	LINE	5
610651.43	4206505.03	0.66255	11.32	11.32	0	ANNUAL	LINE	5
610658.43	4206505.03	0.65864	11.22	11.22	0	ANNUAL	LINE	5
610665.43	4206505.03	0.6545	11.13	11.13	0	ANNUAL	LINE	5
610672.43	4206505.03	0.65013	11.03	11.03	0	ANNUAL	LINE	5
610679.43	4206505.03	0.64554	10.94	10.94	0	ANNUAL	LINE	5
610686.43	4206505.03	0.64072	10.84	10.84	0	ANNUAL	LINE	5
610693.43	4206505.03	0.63567	10.75	10.75	0	ANNUAL	LINE	5
610700.43	4206505.03	0.63038	10.65	10.65	0	ANNUAL	LINE	5
610707.43	4206505.03	0.62486	10.59	10.59	0	ANNUAL	LINE	5
610714.43	4206505.03	0.61908	10.53	10.53	0	ANNUAL	LINE	5
610721.43	4206505.03	0.61303	10.47	10.47	0	ANNUAL	LINE	5
610735.43	4206505.03	0.60001	10.34	10.34	0	ANNUAL	LINE	5
610742.43	4206505.03	0.59302	10.28	10.28	0	ANNUAL	LINE	5
610749.43	4206505.03	0.58569	10.22	10.22	0	ANNUAL	LINE	5
610756.43	4206505.03	0.57801	10.16	10.16	0	ANNUAL	LINE	5
610763.43	4206505.03	0.56999	10.09	10.09	0	ANNUAL	LINE	5
610770.43	4206505.03	0.56162	10.03	10.03	0	ANNUAL	LINE	5
610777.43	4206505.03	0.55291	9.95	9.95	0	ANNUAL	LINE	5
610784.43	4206505.03	0.54388	9.86	9.86	0	ANNUAL	LINE	5
610791.43	4206505.03	0.53455	9.76	9.76	0	ANNUAL	LINE	5
610798.43	4206505.03	0.52495	9.67	9.67	0	ANNUAL	LINE	5
610805.43	4206505.03	0.51511	9.57	9.57	0	ANNUAL	LINE	5
610812.43	4206505.03	0.50508	9.47	9.47	0	ANNUAL	LINE	5
610819.43	4206505.03	0.49488	9.38	9.38	0	ANNUAL	LINE	5
610826.43	4206505.03	0.48455	9.28	9.28	0	ANNUAL	LINE	5
610833.43	4206505.03	0.47413	9.19	9.19	0	ANNUAL	LINE	5
610840.43	4206505.03	0.46365	9.09	9.09	0	ANNUAL	LINE	5
610847.43	4206505.03	0.45315	9	9	0	ANNUAL	LINE	5
610854.43	4206505.03	0.44267	8.97	8.97	0	ANNUAL	LINE	5
610861.43	4206505.03	0.43224	8.94	8.94	0	ANNUAL	LINE	5
610868.43	4206505.03	0.42186	8.9	8.9	0	ANNUAL	LINE	5
610875.43	4206505.03	0.41158	8.87	8.87	0	ANNUAL	LINE	5
610882.43	4206505.03	0.4014	8.84	8.84	0	ANNUAL	LINE	5
610889.43	4206505.03	0.39136	8.81	8.81	0	ANNUAL	LINE	5
610910.43	4206505.03	0.36215	8.72	8.72	0	ANNUAL	LINE	5
610917.43	4206505.03	0.35276	8.69	8.69	0	ANNUAL	LINE	5
610924.43	4206505.03	0.34357	8.68	8.68	0	ANNUAL	LINE	5
610931.43	4206505.03	0.33458	8.68	8.68	0	ANNUAL	LINE	5
610938.43	4206505.03	0.32579	8.68	8.68	0	ANNUAL	LINE	5
610945.43	4206505.03	0.3172	8.68	8.68	0	ANNUAL	LINE	5
610952.43	4206505.03	0.30883	8.69	8.69	0	ANNUAL	LINE	5
610959.43	4206505.03	0.30066	8.69	8.69	0	ANNUAL	LINE	5
610966.43	4206505.03	0.2927	8.69	8.69	0	ANNUAL	LINE	5
610973.43	4206505.03	0.28496	8.69	8.69	0	ANNUAL	LINE	5
610980.43	4206505.03	0.27742	8.69	8.69	0	ANNUAL	LINE	5
610987.43	4206505.03	0.2701	8.69	8.69	0	ANNUAL	LINE	5
611008.43	4206505.03	0.24934	8.69	8.69	0	ANNUAL	LINE	5
611015.43	4206505.03	0.24281	8.69	8.69	0	ANNUAL	LINE	5
611022.43	4206505.03	0.23648	8.7	8.7	0	ANNUAL	LINE	5
611029.43	4206505.03	0.23034	8.7	8.7	0	ANNUAL	LINE	5
611036.43	4206505.03	0.22438	8.7	8.7	0	ANNUAL	LINE	5
611043.43	4206505.03	0.2186	8.7	8.7	0	ANNUAL	LINE	5
611050.43	4206505.03	0.213	8.7	8.7	0	ANNUAL	LINE	5
611057.43	4206505.03	0.20756	8.7	8.7	0	ANNUAL	LINE	5
611062.21	4206504.92	0.20391	8.7	8.7	0	ANNUAL	LINE	5
611078.43	4206505.03	0.19224	8.7	8.7	0	ANNUAL	LINE	5
611085.43	4206505.03	0.18744	8.7	8.7	0	ANNUAL	LINE	5
611092.43	4206505.03	0.18279	8.71	8.71	0	ANNUAL	LINE	5
610294.43	4206512.03	0.64906	10.96	10.96	0	ANNUAL	LINE	5
610301.43	4206512.03	0.65132	11.06	11.06	0	ANNUAL	LINE	5
610308.43	4206512.03	0.65349	11.16	11.16	0	ANNUAL	LINE	5
610315.43	4206512.03	0.65554	11.25	11.25	0	ANNUAL	LINE	5
610322.43	4206512.03	0.65745	11.35	11.35	0	ANNUAL	LINE	5
610329.43	4206512.03	0.6592	11.45	11.45	0	ANNUAL	LINE	5
610336.43	4206512.03	0.66083	11.53	11.53	0	ANNUAL	LINE	5
610343.43	4206512.03	0.66244	11.58	11.58	0	ANNUAL	LINE	5
610350.43	4206512.03	0.66398	11.62	11.62	0	ANNUAL	LINE	5
610357.43	4206512.03	0.66543	11.67	11.67	0	ANNUAL	LINE	5
610364.43	4206512.03	0.66681	11.72	11.72	0	ANNUAL	LINE	5
610371.43	4206512.03	0.66811	11.76	11.76	0	ANNUAL	LINE	5
610378.43	4206512.03	0.66934	11.81	11.81	0	ANNUAL	LINE	5
610385.43	4206512.03	0.6705	11.85	11.85	0	ANNUAL	LINE	5
610392.43	4206512.03	0.67157	11.9	11.9	0	ANNUAL	LINE	5
610399.43	4206512.03	0.67257	11.94	11.94	0	ANNUAL	LINE	5
610406.43	4206512.03	0.67348	11.99	11.99	0	ANNUAL	LINE	5
610413.43	4206512.03	0.67429	12	12	0	ANNUAL	LINE	5
610420.43	4206512.03	0.67499	12	12	0	ANNUAL	LINE	5
610427.43	4206512.03	0.67557	12	12	0	ANNUAL	LINE	5
610434.43	4206512.03	0.67605	12	12	0	ANNUAL	LINE	5

610441.43	4206512.03	0.67641	12	12	0	ANNUAL	LINE	5
610448.43	4206512.03	0.67667	12	12	0	ANNUAL	LINE	5
610455.43	4206512.03	0.67681	12	12	0	ANNUAL	LINE	5
610462.43	4206512.03	0.67685	12	12	0	ANNUAL	LINE	5
610469.43	4206512.03	0.67677	12	12	0	ANNUAL	LINE	5
610497.43	4206512.03	0.67539	12	12	0	ANNUAL	LINE	5
610504.43	4206512.03	0.67478	12	12	0	ANNUAL	LINE	5
610511.43	4206512.03	0.67405	12	12	0	ANNUAL	LINE	5
610518.43	4206512.03	0.67322	12	12	0	ANNUAL	LINE	5
610525.43	4206512.03	0.67227	12	12	0	ANNUAL	LINE	5
610532.43	4206512.03	0.67122	12	12	0	ANNUAL	LINE	5
610539.43	4206512.03	0.67005	12	12	0	ANNUAL	LINE	5
610546.43	4206512.03	0.66877	12	12	0	ANNUAL	LINE	5
610553.43	4206512.03	0.66738	12	12	0	ANNUAL	LINE	5
610560.43	4206512.03	0.66579	11.96	11.96	0	ANNUAL	LINE	5
610567.43	4206512.03	0.6641	11.92	11.92	0	ANNUAL	LINE	5
610574.43	4206512.03	0.66231	11.88	11.88	0	ANNUAL	LINE	5
610581.43	4206512.03	0.66041	11.84	11.84	0	ANNUAL	LINE	5
610588.43	4206512.03	0.65839	11.79	11.79	0	ANNUAL	LINE	5
610595.43	4206512.03	0.65629	11.75	11.75	0	ANNUAL	LINE	5
610602.43	4206512.03	0.65405	11.71	11.71	0	ANNUAL	LINE	5
610609.43	4206512.03	0.6517	11.67	11.67	0	ANNUAL	LINE	5
610616.43	4206512.03	0.64922	11.63	11.63	0	ANNUAL	LINE	5
610623.43	4206512.03	0.64658	11.59	11.59	0	ANNUAL	LINE	5
610630.43	4206512.03	0.64376	11.52	11.52	0	ANNUAL	LINE	5
610637.43	4206512.03	0.64076	11.43	11.43	0	ANNUAL	LINE	5
610644.43	4206512.03	0.63758	11.33	11.33	0	ANNUAL	LINE	5
610651.43	4206512.03	0.63422	11.24	11.24	0	ANNUAL	LINE	5
610658.43	4206512.03	0.63065	11.14	11.14	0	ANNUAL	LINE	5
610665.43	4206512.03	0.62688	11.05	11.05	0	ANNUAL	LINE	5
610672.43	4206512.03	0.6229	10.95	10.95	0	ANNUAL	LINE	5
610679.43	4206512.03	0.61874	10.86	10.86	0	ANNUAL	LINE	5
610686.43	4206512.03	0.61437	10.77	10.77	0	ANNUAL	LINE	5
610693.43	4206512.03	0.60979	10.67	10.67	0	ANNUAL	LINE	5
610700.43	4206512.03	0.60502	10.58	10.58	0	ANNUAL	LINE	5
610707.43	4206512.03	0.60004	10.52	10.52	0	ANNUAL	LINE	5
610714.43	4206512.03	0.59484	10.47	10.47	0	ANNUAL	LINE	5
610721.43	4206512.03	0.58939	10.41	10.41	0	ANNUAL	LINE	5
610735.43	4206512.03	0.57771	10.3	10.3	0	ANNUAL	LINE	5
610742.43	4206512.03	0.57145	10.25	10.25	0	ANNUAL	LINE	5
610749.43	4206512.03	0.56489	10.19	10.19	0	ANNUAL	LINE	5
610756.43	4206512.03	0.55802	10.14	10.14	0	ANNUAL	LINE	5
610763.43	4206512.03	0.55084	10.08	10.08	0	ANNUAL	LINE	5
610770.43	4206512.03	0.54335	10.03	10.03	0	ANNUAL	LINE	5
610777.43	4206512.03	0.53554	9.95	9.95	0	ANNUAL	LINE	5
610784.43	4206512.03	0.52742	9.86	9.86	0	ANNUAL	LINE	5
610791.43	4206512.03	0.51902	9.76	9.76	0	ANNUAL	LINE	5
610798.43	4206512.03	0.51036	9.66	9.66	0	ANNUAL	LINE	5
610805.43	4206512.03	0.50147	9.57	9.57	0	ANNUAL	LINE	5
610812.43	4206512.03	0.49236	9.47	9.47	0	ANNUAL	LINE	5
610819.43	4206512.03	0.48307	9.38	9.38	0	ANNUAL	LINE	5
610826.43	4206512.03	0.47364	9.28	9.28	0	ANNUAL	LINE	5
610833.43	4206512.03	0.46409	9.19	9.19	0	ANNUAL	LINE	5
610840.43	4206512.03	0.45445	9.09	9.09	0	ANNUAL	LINE	5
610847.43	4206512.03	0.44476	9	9	0	ANNUAL	LINE	5
610854.43	4206512.03	0.43506	8.96	8.96	0	ANNUAL	LINE	5
610861.43	4206512.03	0.42536	8.92	8.92	0	ANNUAL	LINE	5
610868.43	4206512.03	0.41569	8.88	8.88	0	ANNUAL	LINE	5
610875.43	4206512.03	0.40608	8.84	8.84	0	ANNUAL	LINE	5
610882.43	4206512.03	0.39653	8.81	8.81	0	ANNUAL	LINE	5
610889.43	4206512.03	0.38708	8.77	8.77	0	ANNUAL	LINE	5
610910.43	4206512.03	0.35944	8.66	8.66	0	ANNUAL	LINE	5
610917.43	4206512.03	0.35051	8.62	8.62	0	ANNUAL	LINE	5
610924.43	4206512.03	0.34174	8.61	8.61	0	ANNUAL	LINE	5
610931.43	4206512.03	0.33314	8.61	8.61	0	ANNUAL	LINE	5
610938.43	4206512.03	0.32471	8.61	8.61	0	ANNUAL	LINE	5
610945.43	4206512.03	0.31646	8.61	8.61	0	ANNUAL	LINE	5
610952.43	4206512.03	0.30839	8.61	8.61	0	ANNUAL	LINE	5
610959.43	4206512.03	0.3005	8.61	8.61	0	ANNUAL	LINE	5
610966.43	4206512.03	0.29281	8.61	8.61	0	ANNUAL	LINE	5
610973.43	4206512.03	0.2853	8.61	8.61	0	ANNUAL	LINE	5
610980.43	4206512.03	0.27798	8.61	8.61	0	ANNUAL	LINE	5
610987.43	4206512.03	0.27084	8.61	8.61	0	ANNUAL	LINE	5
611008.43	4206512.03	0.25056	8.62	8.62	0	ANNUAL	LINE	5
611015.43	4206512.03	0.24417	8.62	8.62	0	ANNUAL	LINE	5
611022.43	4206512.03	0.23795	8.62	8.62	0	ANNUAL	LINE	5
611029.43	4206512.03	0.23191	8.62	8.62	0	ANNUAL	LINE	5
611036.43	4206512.03	0.22604	8.62	8.62	0	ANNUAL	LINE	5
611043.43	4206512.03	0.22034	8.62	8.62	0	ANNUAL	LINE	5
611050.43	4206512.03	0.21481	8.62	8.62	0	ANNUAL	LINE	5
611057.43	4206512.03	0.20944	8.62	8.62	0	ANNUAL	LINE	5
611062.21	4206511.92	0.20583	8.63	8.63	0	ANNUAL	LINE	5
611078.43	4206512.03	0.19424	8.63	8.63	0	ANNUAL	LINE	5
611085.43	4206512.03	0.18948	8.63	8.63	0	ANNUAL	LINE	5
611092.43	4206512.03	0.18485	8.63	8.63	0	ANNUAL	LINE	5
610294.43	4206519.03	0.61747	10.89	10.89	0	ANNUAL	LINE	5
610301.43	4206519.03	0.61968	10.98	10.98	0	ANNUAL	LINE	5
610308.43	4206519.03	0.62184	11.08	11.08	0	ANNUAL	LINE	5
610315.43	4206519.03	0.62392	11.18	11.18	0	ANNUAL	LINE	5
610322.43	4206519.03	0.62587	11.27	11.27	0	ANNUAL	LINE	5
610329.43	4206519.03	0.62769	11.37	11.37	0	ANNUAL	LINE	5
610336.43	4206519.03	0.62937	11.46	11.46	0	ANNUAL	LINE	5
610343.43	4206519.03	0.63099	11.51	11.51	0	ANNUAL	LINE	5
610350.43	4206519.03	0.63253	11.56	11.56	0	ANNUAL	LINE	5
610357.43	4206519.03	0.63398	11.62	11.62	0	ANNUAL	LINE	5
610364.43	4206519.03	0.63537	11.67	11.67	0	ANNUAL	LINE	5
610371.43	4206519.03	0.63668	11.73	11.73	0	ANNUAL	LINE	5
610378.43	4206519.03	0.63793	11.78	11.78	0	ANNUAL	LINE	5
610385.43	4206519.03	0.63911	11.83	11.83	0	ANNUAL	LINE	5
610392.43	4206519.03	0.6402	11.88	11.88	0	ANNUAL	LINE	5
610399.43	4206519.03	0.64123	11.94	11.94	0	ANNUAL	LINE	5
610406.43	4206519.03	0.64218	11.99	11.99	0	ANNUAL	LINE	5
610413.43	4206519.03	0.64304	12	12	0	ANNUAL	LINE	5
610420.43	4206519.03	0.6438	12	12	0	ANNUAL	LINE	5
610427.43	4206519.03	0.64445	12	12	0	ANNUAL	LINE	5
610434.43	4206519.03	0.645	12	12	0	ANNUAL	LINE	5
610441.43	4206519.03	0.64544	12	12	0	ANNUAL	LINE	5
610448.43	4206519.03	0.64577	12	12	0	ANNUAL	LINE	5
610455.43	4206519.03	0.64599	12	12	0	ANNUAL	LINE	5
610462.43	4206519.03	0.64612	12	12	0	ANNUAL	LINE	5
610469.43	4206519.03	0.64613	12	12	0	ANNUAL	LINE	5
610497.43	4206519.03	0.64514	12	12	0	ANNUAL	LINE	5
610504.43	4206519.03	0.64463	12	12	0	ANNUAL	LINE	5
610511.43	4206519.03	0.64402	12	12	0	ANNUAL	LINE	5
610518.43	4206519.03	0.6433	12	12	0	ANNUAL	LINE	5
610525.43	4206519.03	0.64248	12	12	0	ANNUAL	LINE	5
610532.43	4206519.03	0.64155	12	12	0	ANNUAL	LINE	5
610539.43	4206519.03	0.64052	12	12	0	ANNUAL	LINE	5
610546.43	4206519.03	0.63938	12	12	0	ANNUAL	LINE	5
610553.43	4206519.03	0.63813	12	12	0	ANNUAL	LINE	5
610560.43	4206519.03	0.63669	11.96	11.96	0	ANNUAL	LINE	5
610567.43	4206519.03	0.63514	11.91	11.91	0	ANNUAL	LINE	5
610574.43	4206519.03	0.6335	11.86	11.86	0	ANNUAL	LINE	5
610581.43	4206519.03	0.63176	11.81	11.81	0	ANNUAL	LINE	5
610588.43	4206519.03	0.62993	11.76	11.76	0	ANNUAL	LINE	5
610595.43	4206519.03	0.62799	11.71	11.71	0	ANNUAL	LINE	5
610602.43	4206519.03	0.62595	11.66	11.66	0	ANNUAL	LINE	5
610609.43	4206519.03	0.6238	11.61	11.61	0	ANNUAL	LINE	5
610616.43	4206519.03	0.62151	11.56	11.56	0	ANNUAL	LINE	5
610623.43	4206519.03	0.6191	11.51	11.51	0	ANNUAL	LINE	5
610630.43	4206519.03	0.61653	11.45	11.45	0	ANNUAL	LINE	5
610637.43	4206519.03	0.61378	11.35	11.35	0	ANNUAL	LINE	5
610644.43	4206519.03	0.61088	11.26	11.26	0	ANNUAL	LINE	5
610651.43	4206519.03	0.60779	11.16	11.16	0	ANNUAL	LINE	5
610658.43	4206519.03	0.60453	11.07	11.07	0	ANNUAL	LINE	5
610665.43	4206519.03	0.60109	10.97	10.97	0	ANNUAL	LINE	5
610672.43	4206519.03	0.59748	10.88	10.88	0	ANNUAL	LINE	5
610679.43	4206519.03	0.59369	10.78	10.78	0	ANNUAL	LINE	5
610686.43	4206519.03	0.58973	10.69	10.69	0	ANNUAL	LINE	5
610693.43	4206519.03	0.58557	10.59	10.59	0	ANNUAL	LINE	5
610700.43	4206519.03	0.58124	10.5	10.5	0	ANNUAL	LINE	5
610707.43	4206519.03	0.57674	10.45	10.45	0	ANNUAL	LINE	5
610714.43	4206519.03	0.57204	10.4	10.4	0	ANNUAL	LINE	5
610721.43	4206519.03	0.56714	10.36	10.36	0	ANNUAL	LINE	5
610735.43	4206519.03	0.55662	10.26	10.26	0	ANNUAL	LINE	5
610742.43	4206519.03	0.551	10.22	10.22	0	ANNUAL	LINE	5
610749.43	4206519.03	0.54511	10.17	10.17	0	ANNUAL	LINE	5
610756.43	4206519.03	0.53895	10.12	10.12	0	ANNUAL	LINE	5
610763.43	4206519.03	0.53251	10.07	10.07	0	ANNUAL	LINE	5
610770.43	4206519.03	0.52579	10.02	10.02	0	ANNUAL	LINE	5
610777.43	4206519.03	0.51877	9.95	9.95	0	ANNUAL	LINE	5
610784.43	4206519.03	0.51147	9.85	9.85	0	ANNUAL	LINE	5
610791.43	4206519.03	0.5039	9.76	9.76	0	ANNUAL	LINE	5
610798.43	4206519.03	0.49608	9.66	9.66	0	ANNUAL	LINE	5
610805.43	4206519.03	0.48803	9.57	9.57	0	ANNUAL	LINE	5
610812.43	4206519.03	0.47976	9.47	9.47	0	ANNUAL	LINE	5
610819.43	4206519.03	0.47131	9.38	9.38	0	ANNUAL	LINE	5
610826.43	4206519.03	0.46269	9.28	9.28	0	ANNUAL	LINE	5
610833.43	4206519.03	0.45395	9.19	9.19	0	ANNUAL	LINE	5
610840.43	4206519.03	0.44509	9.09	9.09	0	ANNUAL	LINE	5
610847.43	4206519.03	0.43616	9	9	0	ANNUAL	LINE	5
610854.43	4206519.03	0.42719	8.95	8.95	0	ANNUAL	LINE	5
610861.43	4206519.03	0.41819	8.91	8.91	0	ANNUAL	LINE	5
610868.43	4206519.03	0.40919	8.86	8.86	0	ANNUAL	LINE	5
610875.43	4206519.03	0.40021	8.81	8.81	0	ANNUAL	LINE	5
610882.43	4206519.03	0.39128	8.77	8.77	0	ANNUAL	LINE	5
610889.43	4206519.03	0.3824	8.72	8.72	0	ANNUAL	LINE	5
610910.43	4206519.03	0.3563	8.59	8.59	0	ANNUAL	LINE	5
610917.43	4206519.03	0.34782	8.55	8.55	0	ANNUAL	LINE	5
610924.43	4206519.03	0.33947	8.53	8.53	0	ANNUAL	LINE	5
610931.43	4206519.03	0.33126	8.53	8.53	0	ANNUAL	LINE	5
610938.43	4206519.03	0.3232	8.53	8.53	0	ANNUAL	LINE	5
610945.43	4206519.03	0.31529	8.53	8.53	0	ANNUAL	LINE	5
610952.43	4206519.03	0.30754	8.53	8.53	0	ANNUAL	LINE	5
610959.43	4206519.03	0.29994	8.53	8.53	0	ANNUAL	LINE	5
610966.43	4206519.03	0.29251	8.54	8.54	0	ANNUAL	LINE	5
610973.43	4206519.03	0.28525	8.54	8.54	0	ANNUAL	LINE	5
610980.43	4206519.03	0.27816	8.54	8.54	0	ANNUAL	LINE	5
610987.43	4206519.03	0.27123	8.54	8.54	0	ANNUAL	LINE	5
611008.43	4206519.03	0.25146	8.54	8.54	0	ANNUAL	LINE	5
611015.43	4206519.03	0.24521	8.54	8.54	0	ANNUAL	LINE	5
611022.43	4206519.03	0.23912	8.54	8.54	0	ANNUAL	LINE	5
611029.43	4206519.03	0.2332	8.55	8.55	0	ANNUAL	LINE	5
611036.43	4206519.03	0.22743	8.55	8.55	0	ANNUAL	LINE	5
611043.43	4206519.03	0.22182	8.55	8.55	0	ANNUAL	LINE	5
611050.43	4206519.03	0.21637	8.55	8.55	0	ANNUAL	LINE	5
611057.43	4206519.03	0.21107	8.55	8.55	0	ANNUAL	LINE	5
611062.21	4206518.92	0.20751	8.55	8.55	0	ANNUAL	LINE	5
611078.43	4206519.03	0.19604	8.55	8.55	0	ANNUAL	LINE	5
611085.43	4206519.03	0.19132	8.55	8.55	0	ANNUAL	LINE	5
611092.43	4206519.03	0.18672	8.55	8.55	0	ANNUAL	LINE	5
610294.43	4206526.03	0.58795	10.81	10.81	0	ANNUAL	LINE	5
610301.43	4206526.03	0.59017	10.91	10.91	0	ANNUAL	LINE	5
610308.43	4206526.03	0.59231	11.01	11.01	0	ANNUAL	LINE	5
610315.43	4206526.03	0.59436	11.1	11.1	0	ANNUAL	LINE	5
610322.43	4206526.03	0.59635	11.2	11.2	0	ANNUAL	LINE	5
610329.43	4206526.03	0.59821	11.3	11.3	0	ANNUAL	LINE	5
610336.43	4206526.03	0.59995	11.38	11.38	0	ANNUAL	LINE	5
610343.43	4206526.03	0.60159	11.45	11.45	0	ANNUAL	LINE	5
610350.43	4206526.03	0.60313	11.51	11.51	0	ANNUAL	LINE	5
610357.43	4206526.03	0.6046	11.57	11.57	0	ANNUAL	LINE	5
610364.43	4206526.03	0.606	11.63	11.63	0	ANNUAL	LINE	5
610371.43	4206526.03	0.60733	11.69	11.69	0	ANNUAL	LINE	5
610378.43	4206526.03	0.60859	11.75	11.75	0	ANNUAL	LINE	5
610385.43	4206526.03	0.60978	11.81	11.81	0	ANNUAL	LINE	5
610392.43	4206526.03	0.6109	11.87	11.87	0	ANNUAL	LINE	5
610399.43	4206526.03	0.61195	11.93	11.93	0	ANNUAL	LINE	5
610406.43	4206526.03	0.61292	11.99	11.99	0	ANNUAL	LINE	5
610413.43	4206526.03	0.61383	12	12	0	ANNUAL	LINE	5
610420.43	4206526.03	0.61465	12	12	0	ANNUAL	LINE	5
610427.43	4206526.03	0.61536	12	12	0	ANNUAL	LINE	5

610434.43	4206526.03	0.61597	12	12	0	ANNUAL	LINE	5
610441.43	4206526.03	0.61648	12	12	0	ANNUAL	LINE	5
610448.43	4206526.03	0.61689	12	12	0	ANNUAL	LINE	5
610455.43	4206526.03	0.61719	12	12	0	ANNUAL	LINE	5
610462.43	4206526.03	0.61739	12	12	0	ANNUAL	LINE	5
610469.43	4206526.03	0.61749	12	12	0	ANNUAL	LINE	5
610497.43	4206526.03	0.61687	12	12	0	ANNUAL	LINE	5
610504.43	4206526.03	0.61647	12	12	0	ANNUAL	LINE	5
610511.43	4206526.03	0.61596	12	12	0	ANNUAL	LINE	5
610518.43	4206526.03	0.61535	12	12	0	ANNUAL	LINE	5
610525.43	4206526.03	0.61465	12	12	0	ANNUAL	LINE	5
610532.43	4206526.03	0.61384	12	12	0	ANNUAL	LINE	5
610539.43	4206526.03	0.61293	12	12	0	ANNUAL	LINE	5
610546.43	4206526.03	0.61193	12	12	0	ANNUAL	LINE	5
610553.43	4206526.03	0.61082	12	12	0	ANNUAL	LINE	5
610560.43	4206526.03	0.60951	11.95	11.95	0	ANNUAL	LINE	5
610567.43	4206526.03	0.6081	11.89	11.89	0	ANNUAL	LINE	5
610574.43	4206526.03	0.60659	11.83	11.83	0	ANNUAL	LINE	5
610581.43	4206526.03	0.60502	11.78	11.78	0	ANNUAL	LINE	5
610588.43	4206526.03	0.60333	11.72	11.72	0	ANNUAL	LINE	5
610595.43	4206526.03	0.60156	11.66	11.66	0	ANNUAL	LINE	5
610602.43	4206526.03	0.5997	11.61	11.61	0	ANNUAL	LINE	5
610609.43	4206526.03	0.59772	11.55	11.55	0	ANNUAL	LINE	5
610616.43	4206526.03	0.59564	11.5	11.5	0	ANNUAL	LINE	5
610623.43	4206526.03	0.59343	11.44	11.44	0	ANNUAL	LINE	5
610630.43	4206526.03	0.59108	11.37	11.37	0	ANNUAL	LINE	5
610637.43	4206526.03	0.58856	11.27	11.27	0	ANNUAL	LINE	5
610644.43	4206526.03	0.5859	11.18	11.18	0	ANNUAL	LINE	5
610651.43	4206526.03	0.58307	11.08	11.08	0	ANNUAL	LINE	5
610658.43	4206526.03	0.5801	10.99	10.99	0	ANNUAL	LINE	5
610665.43	4206526.03	0.57698	10.9	10.9	0	ANNUAL	LINE	5
610672.43	4206526.03	0.57368	10.8	10.8	0	ANNUAL	LINE	5
610679.43	4206526.03	0.57024	10.71	10.71	0	ANNUAL	LINE	5
610686.43	4206526.03	0.56662	10.61	10.61	0	ANNUAL	LINE	5
610693.43	4206526.03	0.56285	10.52	10.52	0	ANNUAL	LINE	5
610700.43	4206526.03	0.55891	10.42	10.42	0	ANNUAL	LINE	5
610707.43	4206526.03	0.55484	10.38	10.38	0	ANNUAL	LINE	5
610714.43	4206526.03	0.55059	10.34	10.34	0	ANNUAL	LINE	5
610721.43	4206526.03	0.54615	10.3	10.3	0	ANNUAL	LINE	5
610735.43	4206526.03	0.53667	10.22	10.22	0	ANNUAL	LINE	5
610742.43	4206526.03	0.5316	10.18	10.18	0	ANNUAL	LINE	5
610749.43	4206526.03	0.5263	10.14	10.14	0	ANNUAL	LINE	5
610756.43	4206526.03	0.52077	10.1	10.1	0	ANNUAL	LINE	5
610763.43	4206526.03	0.51498	10.06	10.06	0	ANNUAL	LINE	5
610770.43	4206526.03	0.50893	10.02	10.02	0	ANNUAL	LINE	5
610777.43	4206526.03	0.50261	9.95	9.95	0	ANNUAL	LINE	5
610784.43	4206526.03	0.49603	9.85	9.85	0	ANNUAL	LINE	5
610791.43	4206526.03	0.4892	9.76	9.76	0	ANNUAL	LINE	5
610798.43	4206526.03	0.48213	9.66	9.66	0	ANNUAL	LINE	5
610805.43	4206526.03	0.47484	9.57	9.57	0	ANNUAL	LINE	5
610812.43	4206526.03	0.46733	9.47	9.47	0	ANNUAL	LINE	5
610819.43	4206526.03	0.45964	9.38	9.38	0	ANNUAL	LINE	5
610924.43	4206526.03	0.33681	8.45	8.45	0	ANNUAL	LINE	5
610931.43	4206526.03	0.32899	8.46	8.46	0	ANNUAL	LINE	5
610938.43	4206526.03	0.3213	8.46	8.46	0	ANNUAL	LINE	5
610945.43	4206526.03	0.31373	8.46	8.46	0	ANNUAL	LINE	5
610952.43	4206526.03	0.3063	8.46	8.46	0	ANNUAL	LINE	5
610959.43	4206526.03	0.299	8.46	8.46	0	ANNUAL	LINE	5
610966.43	4206526.03	0.29184	8.46	8.46	0	ANNUAL	LINE	5
610973.43	4206526.03	0.28484	8.46	8.46	0	ANNUAL	LINE	5
610980.43	4206526.03	0.27798	8.46	8.46	0	ANNUAL	LINE	5
610987.43	4206526.03	0.27127	8.46	8.46	0	ANNUAL	LINE	5
611008.43	4206526.03	0.25205	8.47	8.47	0	ANNUAL	LINE	5
611015.43	4206526.03	0.24595	8.47	8.47	0	ANNUAL	LINE	5
611022.43	4206526.03	0.24	8.47	8.47	0	ANNUAL	LINE	5
611029.43	4206526.03	0.2342	8.47	8.47	0	ANNUAL	LINE	5
611036.43	4206526.03	0.22855	8.47	8.47	0	ANNUAL	LINE	5
611043.43	4206526.03	0.22304	8.47	8.47	0	ANNUAL	LINE	5
611050.43	4206526.03	0.21768	8.47	8.47	0	ANNUAL	LINE	5
611057.43	4206526.03	0.21246	8.47	8.47	0	ANNUAL	LINE	5
611062.21	4206525.92	0.20806	8.48	8.48	0	ANNUAL	LINE	5
611078.43	4206526.03	0.19763	8.48	8.48	0	ANNUAL	LINE	5
611085.43	4206526.03	0.19295	8.48	8.48	0	ANNUAL	LINE	5
611092.43	4206526.03	0.18841	8.48	8.48	0	ANNUAL	LINE	5
610294.43	4206533.03	0.56037	10.74	10.74	0	ANNUAL	LINE	5
610301.43	4206533.03	0.56256	10.84	10.84	0	ANNUAL	LINE	5
610308.43	4206533.03	0.56467	10.93	10.93	0	ANNUAL	LINE	5
610315.43	4206533.03	0.56672	11.03	11.03	0	ANNUAL	LINE	5
610322.43	4206533.03	0.56871	11.13	11.13	0	ANNUAL	LINE	5
610329.43	4206533.03	0.5706	11.22	11.22	0	ANNUAL	LINE	5
610336.43	4206533.03	0.57237	11.31	11.31	0	ANNUAL	LINE	5
610343.43	4206533.03	0.57405	11.38	11.38	0	ANNUAL	LINE	5
610350.43	4206533.03	0.57562	11.45	11.45	0	ANNUAL	LINE	5
610357.43	4206533.03	0.5771	11.52	11.52	0	ANNUAL	LINE	5
610364.43	4206533.03	0.57852	11.58	11.58	0	ANNUAL	LINE	5
610371.43	4206533.03	0.57985	11.65	11.65	0	ANNUAL	LINE	5
610378.43	4206533.03	0.58112	11.72	11.72	0	ANNUAL	LINE	5
610385.43	4206533.03	0.58232	11.79	11.79	0	ANNUAL	LINE	5
610392.43	4206533.03	0.58346	11.85	11.85	0	ANNUAL	LINE	5
610399.43	4206533.03	0.58453	11.92	11.92	0	ANNUAL	LINE	5
610406.43	4206533.03	0.58553	11.99	11.99	0	ANNUAL	LINE	5
610413.43	4206533.03	0.58648	12	12	0	ANNUAL	LINE	5
610420.43	4206533.03	0.58735	12	12	0	ANNUAL	LINE	5
610427.43	4206533.03	0.58811	12	12	0	ANNUAL	LINE	5
610434.43	4206533.03	0.58878	12	12	0	ANNUAL	LINE	5
610441.43	4206533.03	0.58936	12	12	0	ANNUAL	LINE	5
610448.43	4206533.03	0.58983	12	12	0	ANNUAL	LINE	5
610455.43	4206533.03	0.59021	12	12	0	ANNUAL	LINE	5
610462.43	4206533.03	0.59048	12	12	0	ANNUAL	LINE	5
610469.43	4206533.03	0.59066	12	12	0	ANNUAL	LINE	5
610497.43	4206533.03	0.5904	12	12	0	ANNUAL	LINE	5
610504.43	4206533.03	0.59009	12	12	0	ANNUAL	LINE	5
610511.43	4206533.03	0.58969	12	12	0	ANNUAL	LINE	5
610518.43	4206533.03	0.58919	12	12	0	ANNUAL	LINE	5
610525.43	4206533.03	0.58859	12	12	0	ANNUAL	LINE	5
610532.43	4206533.03	0.5879	12	12	0	ANNUAL	LINE	5
610539.43	4206533.03	0.58711	12	12	0	ANNUAL	LINE	5
610546.43	4206533.03	0.58623	12	12	0	ANNUAL	LINE	5
610553.43	4206533.03	0.58526	12	12	0	ANNUAL	LINE	5
610560.43	4206533.03	0.58407	11.94	11.94	0	ANNUAL	LINE	5
610567.43	4206533.03	0.5828	11.88	11.88	0	ANNUAL	LINE	5
610574.43	4206533.03	0.58142	11.81	11.81	0	ANNUAL	LINE	5
610581.43	4206533.03	0.57999	11.75	11.75	0	ANNUAL	LINE	5
610588.43	4206533.03	0.57844	11.68	11.68	0	ANNUAL	LINE	5
610595.43	4206533.03	0.57683	11.62	11.62	0	ANNUAL	LINE	5
610602.43	4206533.03	0.57513	11.56	11.56	0	ANNUAL	LINE	5
610609.43	4206533.03	0.57331	11.49	11.49	0	ANNUAL	LINE	5
610616.43	4206533.03	0.57141	11.43	11.43	0	ANNUAL	LINE	5
610623.43	4206533.03	0.56939	11.37	11.37	0	ANNUAL	LINE	5
610630.43	4206533.03	0.56724	11.29	11.29	0	ANNUAL	LINE	5
610637.43	4206533.03	0.56494	11.2	11.2	0	ANNUAL	LINE	5
610644.43	4206533.03	0.56249	11.1	11.1	0	ANNUAL	LINE	5
610651.43	4206533.03	0.55992	11.01	11.01	0	ANNUAL	LINE	5
610658.43	4206533.03	0.5572	10.91	10.91	0	ANNUAL	LINE	5
610665.43	4206533.03	0.55435	10.82	10.82	0	ANNUAL	LINE	5
610672.43	4206533.03	0.55135	10.72	10.72	0	ANNUAL	LINE	5
610679.43	4206533.03	0.54821	10.63	10.63	0	ANNUAL	LINE	5
610686.43	4206533.03	0.54491	10.53	10.53	0	ANNUAL	LINE	5
610693.43	4206533.03	0.54148	10.44	10.44	0	ANNUAL	LINE	5
610700.43	4206533.03	0.5379	10.35	10.35	0	ANNUAL	LINE	5
610707.43	4206533.03	0.5342	10.31	10.31	0	ANNUAL	LINE	5
610714.43	4206533.03	0.53035	10.28	10.28	0	ANNUAL	LINE	5
610721.43	4206533.03	0.52633	10.25	10.25	0	ANNUAL	LINE	5
610735.43	4206533.03	0.51776	10.18	10.18	0	ANNUAL	LINE	5
610742.43	4206533.03	0.51319	10.15	10.15	0	ANNUAL	LINE	5
610749.43	4206533.03	0.50841	10.12	10.12	0	ANNUAL	LINE	5
610756.43	4206533.03	0.50342	10.08	10.08	0	ANNUAL	LINE	5
610763.43	4206533.03	0.4982	10.05	10.05	0	ANNUAL	LINE	5
610770.43	4206533.03	0.49275	10.02	10.02	0	ANNUAL	LINE	5
611001.43	4206533.03	0.25841	8.39	8.39	0	ANNUAL	LINE	5
611008.43	4206533.03	0.25233	8.39	8.39	0	ANNUAL	LINE	5
611015.43	4206533.03	0.24639	8.39	8.39	0	ANNUAL	LINE	5
611022.43	4206533.03	0.24059	8.39	8.39	0	ANNUAL	LINE	5
611029.43	4206533.03	0.23492	8.39	8.39	0	ANNUAL	LINE	5
611036.43	4206533.03	0.22939	8.39	8.39	0	ANNUAL	LINE	5
611043.43	4206533.03	0.224	8.4	8.4	0	ANNUAL	LINE	5
611050.43	4206533.03	0.21874	8.4	8.4	0	ANNUAL	LINE	5
611057.43	4206533.03	0.21361	8.4	8.4	0	ANNUAL	LINE	5
611062.21	4206532.92	0.21017	8.4	8.4	0	ANNUAL	LINE	5
611078.43	4206533.03	0.19901	8.4	8.4	0	ANNUAL	LINE	5
611085.43	4206533.03	0.19439	8.4	8.4	0	ANNUAL	LINE	5
611092.43	4206533.03	0.18989	8.4	8.4	0	ANNUAL	LINE	5
610294.43	4206540.03	0.53452	10.66	10.66	0	ANNUAL	LINE	5
610301.43	4206540.03	0.53668	10.76	10.76	0	ANNUAL	LINE	5
610308.43	4206540.03	0.53878	10.86	10.86	0	ANNUAL	LINE	5
610315.43	4206540.03	0.54081	10.95	10.95	0	ANNUAL	LINE	5
610322.43	4206540.03	0.54278	11.05	11.05	0	ANNUAL	LINE	5
610329.43	4206540.03	0.54468	11.15	11.15	0	ANNUAL	LINE	5
610336.43	4206540.03	0.54649	11.24	11.24	0	ANNUAL	LINE	5
610343.43	4206540.03	0.54819	11.31	11.31	0	ANNUAL	LINE	5
610350.43	4206540.03	0.5498	11.39	11.39	0	ANNUAL	LINE	5
610357.43	4206540.03	0.5513	11.47	11.47	0	ANNUAL	LINE	5
610364.43	4206540.03	0.55272	11.54	11.54	0	ANNUAL	LINE	5
610371.43	4206540.03	0.55406	11.62	11.62	0	ANNUAL	LINE	5
610378.43	4206540.03	0.55535	11.69	11.69	0	ANNUAL	LINE	5
610385.43	4206540.03	0.55657	11.76	11.76	0	ANNUAL	LINE	5
610392.43	4206540.03	0.55772	11.84	11.84	0	ANNUAL	LINE	5
610399.43	4206540.03	0.5588	11.91	11.91	0	ANNUAL	LINE	5
610406.43	4206540.03	0.55982	11.99	11.99	0	ANNUAL	LINE	5
610413.43	4206540.03	0.56081	12	12	0	ANNUAL	LINE	5
610420.43	4206540.03	0.56172	12	12	0	ANNUAL	LINE	5
610427.43	4206540.03	0.56254	12	12	0	ANNUAL	LINE	5
610434.43	4206540.03	0.56327	12	12	0	ANNUAL	LINE	5
610441.43	4206540.03	0.5639	12	12	0	ANNUAL	LINE	5
610448.43	4206540.03	0.56444	12	12	0	ANNUAL	LINE	5
610455.43	4206540.03	0.56488	12	12	0	ANNUAL	LINE	5
610462.43	4206540.03	0.56523	12	12	0	ANNUAL	LINE	5
610469.43	4206540.03	0.56548	12	12	0	ANNUAL	LINE	5
610497.43	4206540.03	0.56555	12	12	0	ANNUAL	LINE	5
610504.43	4206540.03	0.56534	12	12	0	ANNUAL	LINE	5
610511.43	4206540.03	0.56503	12	12	0	ANNUAL	LINE	5
610518.43	4206540.03	0.56463	12	12	0	ANNUAL	LINE	5
610525.43	4206540.03	0.56414	12	12	0	ANNUAL	LINE	5
610532.43	4206540.03	0.56356	12	12	0	ANNUAL	LINE	5
610539.43	4206540.03	0.56289	12	12	0	ANNUAL	LINE	5
610546.43	4206540.03	0.56213	12	12	0	ANNUAL	LINE	5
610553.43	4206540.03	0.56128	12	12	0	ANNUAL	LINE	5
610560.43	4206540.03	0.56021	11.93	11.93	0	ANNUAL	LINE	5
610567.43	4206540.03	0.55906	11.86	11.86	0	ANNUAL	LINE	5
610574.43	4206540.03	0.55782	11.79	11.79	0	ANNUAL	LINE	5
610581.43	4206540.03	0.55651	11.72	11.72	0	ANNUAL	LINE	5
610588.43	4206540.03	0.55511	11.65	11.65	0	ANNUAL	LINE	5
610595.43	4206540.03	0.55364	11.58	11.58	0	ANNUAL	LINE	5
610602.43	4206540.03	0.55207	11.51	11.51	0	ANNUAL	LINE	5
610609.43	4206540.03	0.55042	11.44	11.44	0	ANNUAL	LINE	5
610616.43	4206540.03	0.54868	11.37	11.37	0	ANNUAL	LINE	5
610623.43	4206540.03	0.54683	11.3	11.3	0	ANNUAL	LINE	5
610630.43	4206540.03	0.54485	11.21	11.21	0	ANNUAL	LINE	5
610637.43	4206540.03	0.54275	11.12	11.12	0	ANNUAL	LINE	5
610644.43	4206540.03	0.54053	11.03	11.03	0	ANNUAL	LINE	5
610651.43	4206540.03	0.53817	10.93	10.93	0	ANNUAL	LINE	5
610658.43	4206540.03	0.5357	10.84	10.84	0	ANNUAL	LINE	5
610665.43	4206540.03	0.53309	10.74	10.74	0	ANNUAL	LINE	5
610672.43	4206540.03	0.53035	10.65	10.65	0	ANNUAL	LINE	5
610679.43	4206540.03	0.52748	10.55	10.55	0	ANNUAL	LINE	5
610686.43	4206540.03	0.52448	10.46	10.46	0	ANNUAL	LINE	5
610693.43	4206540.03	0.52135	10.36	10.36	0	ANNUAL	LINE	5
610700.43	4206540.03	0.51808	10.27	10.27	0	ANNUAL	LINE	5
610707.43	4206540.03	0.51473	10.24	10.24	0	ANNUAL	LINE	5
610714.43	4206540.03	0.51124	10.22	10.22	0	ANNUAL	LINE	5
610735.43	4206540.03	0.49982	10.14	10.14	0	ANNUAL	LINE	5

610742.43	4206540.03	0.49569	10.12	10.12	0	ANNUAL	LINE	5
610749.43	4206540.03	0.49137	10.09	10.09	0	ANNUAL	LINE	5
610812.43	4206540.03	0.44313	9.47	9.47	0	ANNUAL	LINE	5
610819.43	4206540.03	0.43675	9.37	9.37	0	ANNUAL	LINE	5
610826.43	4206540.03	0.4302	9.28	9.28	0	ANNUAL	LINE	5
610833.43	4206540.03	0.42349	9.18	9.18	0	ANNUAL	LINE	5
610840.43	4206540.03	0.41665	9.09	9.09	0	ANNUAL	LINE	5
610847.43	4206540.03	0.40969	8.99	8.99	0	ANNUAL	LINE	5
610854.43	4206540.03	0.40263	8.93	8.93	0	ANNUAL	LINE	5
610910.43	4206540.03	0.34474	8.39	8.39	0	ANNUAL	LINE	5
610917.43	4206540.03	0.33757	8.32	8.32	0	ANNUAL	LINE	5
610924.43	4206540.03	0.33045	8.3	8.3	0	ANNUAL	LINE	5
610931.43	4206540.03	0.32341	8.3	8.3	0	ANNUAL	LINE	5
610938.43	4206540.03	0.31644	8.3	8.3	0	ANNUAL	LINE	5
610945.43	4206540.03	0.30956	8.31	8.31	0	ANNUAL	LINE	5
610952.43	4206540.03	0.30276	8.31	8.31	0	ANNUAL	LINE	5
611001.43	4206540.03	0.25821	8.31	8.31	0	ANNUAL	LINE	5
611008.43	4206540.03	0.25231	8.31	8.31	0	ANNUAL	LINE	5
611015.43	4206540.03	0.24654	8.32	8.32	0	ANNUAL	LINE	5
611022.43	4206540.03	0.2409	8.32	8.32	0	ANNUAL	LINE	5
611029.43	4206540.03	0.23537	8.32	8.32	0	ANNUAL	LINE	5
611036.43	4206540.03	0.22998	8.32	8.32	0	ANNUAL	LINE	5
611043.43	4206540.03	0.22471	8.32	8.32	0	ANNUAL	LINE	5
611050.43	4206540.03	0.21956	8.32	8.32	0	ANNUAL	LINE	5
611057.43	4206540.03	0.21453	8.32	8.32	0	ANNUAL	LINE	5
611062.21	4206539.92	0.21115	8.32	8.32	0	ANNUAL	LINE	5
611078.43	4206540.03	0.20018	8.33	8.33	0	ANNUAL	LINE	5
611085.43	4206540.03	0.19563	8.33	8.33	0	ANNUAL	LINE	5
611092.43	4206540.03	0.19119	8.33	8.33	0	ANNUAL	LINE	5
610294.43	4206547.03	0.51026	10.59	10.59	0	ANNUAL	LINE	5
610301.43	4206547.03	0.5124	10.69	10.69	0	ANNUAL	LINE	5
610308.43	4206547.03	0.51446	10.78	10.78	0	ANNUAL	LINE	5
610315.43	4206547.03	0.51649	10.88	10.88	0	ANNUAL	LINE	5
610322.43	4206547.03	0.51844	10.98	10.98	0	ANNUAL	LINE	5
610329.43	4206547.03	0.52033	11.07	11.07	0	ANNUAL	LINE	5
610336.43	4206547.03	0.52216	11.17	11.17	0	ANNUAL	LINE	5
610343.43	4206547.03	0.52389	11.25	11.25	0	ANNUAL	LINE	5
610350.43	4206547.03	0.52552	11.33	11.33	0	ANNUAL	LINE	5
610357.43	4206547.03	0.52706	11.41	11.41	0	ANNUAL	LINE	5
610364.43	4206547.03	0.52849	11.5	11.5	0	ANNUAL	LINE	5
610371.43	4206547.03	0.52984	11.58	11.58	0	ANNUAL	LINE	5
610378.43	4206547.03	0.53113	11.66	11.66	0	ANNUAL	LINE	5
610385.43	4206547.03	0.53236	11.74	11.74	0	ANNUAL	LINE	5
610392.43	4206547.03	0.53353	11.82	11.82	0	ANNUAL	LINE	5
610399.43	4206547.03	0.53461	11.91	11.91	0	ANNUAL	LINE	5
610406.43	4206547.03	0.53565	11.99	11.99	0	ANNUAL	LINE	5
610413.43	4206547.03	0.53668	12	12	0	ANNUAL	LINE	5
610420.43	4206547.03	0.53764	12	12	0	ANNUAL	LINE	5
610427.43	4206547.03	0.5385	12	12	0	ANNUAL	LINE	5
610434.43	4206547.03	0.53928	12	12	0	ANNUAL	LINE	5
610441.43	4206547.03	0.53996	12	12	0	ANNUAL	LINE	5
610448.43	4206547.03	0.54056	12	12	0	ANNUAL	LINE	5
610455.43	4206547.03	0.54106	12	12	0	ANNUAL	LINE	5
610462.43	4206547.03	0.54148	12	12	0	ANNUAL	LINE	5
610469.43	4206547.03	0.5418	12	12	0	ANNUAL	LINE	5
610497.43	4206547.03	0.54219	12	12	0	ANNUAL	LINE	5
610504.43	4206547.03	0.54206	12	12	0	ANNUAL	LINE	5
610511.43	4206547.03	0.54185	12	12	0	ANNUAL	LINE	5
610518.43	4206547.03	0.54154	12	12	0	ANNUAL	LINE	5
610525.43	4206547.03	0.54115	12	12	0	ANNUAL	LINE	5
610532.43	4206547.03	0.54067	12	12	0	ANNUAL	LINE	5
610539.43	4206547.03	0.54011	12	12	0	ANNUAL	LINE	5
610546.43	4206547.03	0.53947	12	12	0	ANNUAL	LINE	5
610553.43	4206547.03	0.53873	12	12	0	ANNUAL	LINE	5
610560.43	4206547.03	0.53779	11.93	11.93	0	ANNUAL	LINE	5
610567.43	4206547.03	0.53676	11.85	11.85	0	ANNUAL	LINE	5
610574.43	4206547.03	0.53564	11.77	11.77	0	ANNUAL	LINE	5
610581.43	4206547.03	0.53444	11.69	11.69	0	ANNUAL	LINE	5
610588.43	4206547.03	0.53317	11.61	11.61	0	ANNUAL	LINE	5
610595.43	4206547.03	0.53182	11.53	11.53	0	ANNUAL	LINE	5
610602.43	4206547.03	0.5304	11.46	11.46	0	ANNUAL	LINE	5
610609.43	4206547.03	0.52889	11.38	11.38	0	ANNUAL	LINE	5
610616.43	4206547.03	0.52729	11.3	11.3	0	ANNUAL	LINE	5
610623.43	4206547.03	0.5256	11.22	11.22	0	ANNUAL	LINE	5
610630.43	4206547.03	0.5238	11.14	11.14	0	ANNUAL	LINE	5
610637.43	4206547.03	0.52188	11.04	11.04	0	ANNUAL	LINE	5
610644.43	4206547.03	0.51985	10.95	10.95	0	ANNUAL	LINE	5
610651.43	4206547.03	0.5177	10.85	10.85	0	ANNUAL	LINE	5
610658.43	4206547.03	0.51544	10.76	10.76	0	ANNUAL	LINE	5
610665.43	4206547.03	0.51306	10.66	10.66	0	ANNUAL	LINE	5
610672.43	4206547.03	0.51056	10.57	10.57	0	ANNUAL	LINE	5
610679.43	4206547.03	0.50795	10.48	10.48	0	ANNUAL	LINE	5
610686.43	4206547.03	0.5052	10.38	10.38	0	ANNUAL	LINE	5
610693.43	4206547.03	0.50235	10.29	10.29	0	ANNUAL	LINE	5
610700.43	4206547.03	0.49937	10.19	10.19	0	ANNUAL	LINE	5
610707.43	4206547.03	0.49632	10.18	10.18	0	ANNUAL	LINE	5
610714.43	4206547.03	0.49315	10.16	10.16	0	ANNUAL	LINE	5
610777.43	4206547.03	0.45767	9.95	9.95	0	ANNUAL	LINE	5
610784.43	4206547.03	0.4528	9.85	9.85	0	ANNUAL	LINE	5
610791.43	4206547.03	0.44774	9.75	9.75	0	ANNUAL	LINE	5
610798.43	4206547.03	0.44249	9.66	9.66	0	ANNUAL	LINE	5
610805.43	4206547.03	0.43704	9.56	9.56	0	ANNUAL	LINE	5
610812.43	4206547.03	0.4314	9.47	9.47	0	ANNUAL	LINE	5
610819.43	4206547.03	0.42559	9.37	9.37	0	ANNUAL	LINE	5
610826.43	4206547.03	0.41961	9.28	9.28	0	ANNUAL	LINE	5
610833.43	4206547.03	0.41348	9.18	9.18	0	ANNUAL	LINE	5
610840.43	4206547.03	0.4072	9.08	9.08	0	ANNUAL	LINE	5
610847.43	4206547.03	0.4008	8.99	8.99	0	ANNUAL	LINE	5
610854.43	4206547.03	0.3943	8.92	8.92	0	ANNUAL	LINE	5
610861.43	4206547.03	0.3877	8.84	8.84	0	ANNUAL	LINE	5
610868.43	4206547.03	0.38103	8.77	8.77	0	ANNUAL	LINE	5
610875.43	4206547.03	0.3743	8.69	8.69	0	ANNUAL	LINE	5
610882.43	4206547.03	0.36753	8.62	8.62	0	ANNUAL	LINE	5
610889.43	4206547.03	0.36073	8.54	8.54	0	ANNUAL	LINE	5
610910.43	4206547.03	0.34032	8.32	8.32	0	ANNUAL	LINE	5
610917.43	4206547.03	0.33355	8.25	8.25	0	ANNUAL	LINE	5
610924.43	4206547.03	0.32683	8.23	8.23	0	ANNUAL	LINE	5
610931.43	4206547.03	0.32016	8.23	8.23	0	ANNUAL	LINE	5
610938.43	4206547.03	0.31355	8.23	8.23	0	ANNUAL	LINE	5
610945.43	4206547.03	0.307	8.23	8.23	0	ANNUAL	LINE	5
610952.43	4206547.03	0.30052	8.23	8.23	0	ANNUAL	LINE	5
610959.43	4206547.03	0.29413	8.23	8.23	0	ANNUAL	LINE	5
610966.43	4206547.03	0.28782	8.23	8.23	0	ANNUAL	LINE	5
610973.43	4206547.03	0.2816	8.23	8.23	0	ANNUAL	LINE	5
611001.43	4206547.03	0.25772	8.24	8.24	0	ANNUAL	LINE	5
611008.43	4206547.03	0.25202	8.24	8.24	0	ANNUAL	LINE	5
611015.43	4206547.03	0.24642	8.24	8.24	0	ANNUAL	LINE	5
611022.43	4206547.03	0.24094	8.24	8.24	0	ANNUAL	LINE	5
611029.43	4206547.03	0.23557	8.24	8.24	0	ANNUAL	LINE	5
611036.43	4206547.03	0.23031	8.24	8.24	0	ANNUAL	LINE	5
611043.43	4206547.03	0.22517	8.24	8.24	0	ANNUAL	LINE	5
611050.43	4206547.03	0.22014	8.25	8.25	0	ANNUAL	LINE	5
611057.43	4206547.03	0.21522	8.25	8.25	0	ANNUAL	LINE	5
611078.43	4206547.03	0.20114	8.25	8.25	0	ANNUAL	LINE	5
611085.43	4206547.03	0.19666	8.25	8.25	0	ANNUAL	LINE	5
611092.43	4206547.03	0.19229	8.25	8.25	0	ANNUAL	LINE	5
610294.43	4206554.03	0.48746	10.52	10.52	0	ANNUAL	LINE	5
610301.43	4206554.03	0.48956	10.61	10.61	0	ANNUAL	LINE	5
610308.43	4206554.03	0.49162	10.71	10.71	0	ANNUAL	LINE	5
610315.43	4206554.03	0.49361	10.81	10.81	0	ANNUAL	LINE	5
610322.43	4206554.03	0.49555	10.9	10.9	0	ANNUAL	LINE	5
610329.43	4206554.03	0.49743	11	11	0	ANNUAL	LINE	5
610336.43	4206554.03	0.49925	11.09	11.09	0	ANNUAL	LINE	5
610343.43	4206554.03	0.501	11.18	11.18	0	ANNUAL	LINE	5
610350.43	4206554.03	0.50266	11.27	11.27	0	ANNUAL	LINE	5
610357.43	4206554.03	0.50422	11.36	11.36	0	ANNUAL	LINE	5
610364.43	4206554.03	0.50568	11.45	11.45	0	ANNUAL	LINE	5
610371.43	4206554.03	0.50704	11.54	11.54	0	ANNUAL	LINE	5
610378.43	4206554.03	0.50834	11.63	11.63	0	ANNUAL	LINE	5
610385.43	4206554.03	0.50957	11.72	11.72	0	ANNUAL	LINE	5
610392.43	4206554.03	0.51074	11.81	11.81	0	ANNUAL	LINE	5
610399.43	4206554.03	0.51185	11.9	11.9	0	ANNUAL	LINE	5
610406.43	4206554.03	0.51289	11.99	11.99	0	ANNUAL	LINE	5
610413.43	4206554.03	0.51396	12	12	0	ANNUAL	LINE	5
610420.43	4206554.03	0.51495	12	12	0	ANNUAL	LINE	5
610427.43	4206554.03	0.51586	12	12	0	ANNUAL	LINE	5
610434.43	4206554.03	0.51668	12	12	0	ANNUAL	LINE	5
610441.43	4206554.03	0.51742	12	12	0	ANNUAL	LINE	5
610448.43	4206554.03	0.51807	12	12	0	ANNUAL	LINE	5
610455.43	4206554.03	0.51863	12	12	0	ANNUAL	LINE	5
610462.43	4206554.03	0.5191	12	12	0	ANNUAL	LINE	5
610469.43	4206554.03	0.51949	12	12	0	ANNUAL	LINE	5
610497.43	4206554.03	0.52018	12	12	0	ANNUAL	LINE	5
610504.43	4206554.03	0.52013	12	12	0	ANNUAL	LINE	5
610511.43	4206554.03	0.52	12	12	0	ANNUAL	LINE	5
610518.43	4206554.03	0.51979	12	12	0	ANNUAL	LINE	5
610525.43	4206554.03	0.5195	12	12	0	ANNUAL	LINE	5
610532.43	4206554.03	0.51912	12	12	0	ANNUAL	LINE	5
610539.43	4206554.03	0.51866	12	12	0	ANNUAL	LINE	5
610546.43	4206554.03	0.51812	12	12	0	ANNUAL	LINE	5
610553.43	4206554.03	0.5175	12	12	0	ANNUAL	LINE	5
610560.43	4206554.03	0.51666	11.92	11.92	0	ANNUAL	LINE	5
610567.43	4206554.03	0.51573	11.83	11.83	0	ANNUAL	LINE	5
610574.43	4206554.03	0.51474	11.75	11.75	0	ANNUAL	LINE	5
610581.43	4206554.03	0.51366	11.66	11.66	0	ANNUAL	LINE	5
610588.43	4206554.03	0.5125	11.57	11.57	0	ANNUAL	LINE	5
610595.43	4206554.03	0.51128	11.49	11.49	0	ANNUAL	LINE	5
610602.43	4206554.03	0.50997	11.4	11.4	0	ANNUAL	LINE	5
610609.43	4206554.03	0.5086	11.32	11.32	0	ANNUAL	LINE	5
610616.43	4206554.03	0.50714	11.23	11.23	0	ANNUAL	LINE	5
610623.43	4206554.03	0.5056	11.15	11.15	0	ANNUAL	LINE	5
610630.43	4206554.03	0.50396	11.06	11.06	0	ANNUAL	LINE	5
610637.43	4206554.03	0.50222	10.97	10.97	0	ANNUAL	LINE	5
610644.43	4206554.03	0.50036	10.87	10.87	0	ANNUAL	LINE	5
610651.43	4206554.03	0.49841	10.78	10.78	0	ANNUAL	LINE	5
610658.43	4206554.03	0.49634	10.68	10.68	0	ANNUAL	LINE	5
610665.43	4206554.03	0.49417	10.59	10.59	0	ANNUAL	LINE	5
610672.43	4206554.03	0.49188	10.49	10.49	0	ANNUAL	LINE	5
610679.43	4206554.03	0.48949	10.4	10.4	0	ANNUAL	LINE	5
610686.43	4206554.03	0.48699	10.3	10.3	0	ANNUAL	LINE	5
610693.43	4206554.03	0.48438	10.21	10.21	0	ANNUAL	LINE	5
610700.43	4206554.03	0.48167	10.12	10.12	0	ANNUAL	LINE	5
610707.43	4206554.03	0.47891	10.11	10.11	0	ANNUAL	LINE	5
610714.43	4206554.03	0.47602	10.1	10.1	0	ANNUAL	LINE	5
610756.43	4206554.03	0.45595	10.03	10.03	0	ANNUAL	LINE	5
610763.43	4206554.03	0.45208	10.02	10.02	0	ANNUAL	LINE	5
610770.43	4206554.03	0.44804	10.01	10.01	0	ANNUAL	LINE	5
610777.43	4206554.03	0.44381	9.94	9.94	0	ANNUAL	LINE	5
610784.43	4206554.03	0.4394	9.85	9.85	0	ANNUAL	LINE	5
610791.43	4206554.03	0.43481	9.75	9.75	0	ANNUAL	LINE	5
610798.43	4206554.03	0.43004	9.66	9.66	0	ANNUAL	LINE	5
610805.43	4206554.03	0.42508	9.56	9.56	0	ANNUAL	LINE	5
610812.43	4206554.03	0.41996	9.47	9.47	0	ANNUAL	LINE	5
610819.43	4206554.03	0.41466	9.37	9.37	0	ANNUAL	LINE	5
610826.43	4206554.03	0.4092	9.27	9.27	0	ANNUAL	LINE	5
610833.43	4206554.03	0.40358	9.18	9.18	0	ANNUAL	LINE	5
610840.43	4206554.03	0.39783	9.08	9.08	0	ANNUAL	LINE	5
610847.43	4206554.03	0.39195	8.99	8.99	0	ANNUAL	LINE	5
610854.43	4206554.03	0.38596	8.91	8.91	0	ANNUAL	LINE	5
610861.43	4206554.03	0.37986	8.82	8.82	0	ANNUAL	LINE	5
610868.43	4206554.03	0.37369	8.74	8.74	0	ANNUAL	LINE	5
610875.43	4206554.03	0.36745	8.66	8.66	0	ANNUAL	LINE	5
610882.43	4206554.03	0.36115	8.58	8.58	0	ANNUAL	LINE	5
610889.43	4206554.03	0.35481	8.5	8.5	0	ANNUAL	LINE	5
610910.43	4206554.03	0.33568	8.26	8.26	0	ANNUAL	LINE	5
610917.43	4206554.03	0.32931	8.18	8.18	0	ANNUAL	LINE	5
610924.43	4206554.03	0.32296	8.15	8.15	0	ANNUAL	LINE	5
610931.43	4206554.03	0.31666	8.15	8.15	0	ANNUAL	LINE	5
610938.43	4206554.03	0.31039	8.15	8.15	0	ANNUAL	LINE	5
610945.43	4206554.03	0.30417	8.15	8.15	0	ANNUAL	LINE	5
610952.43	4206554.03	0.29801	8.16	8.16	0	ANNUAL	LINE	5

610959.43	4206554.03	0.29191	8.16	8.16	0	ANNUAL	LINE	5
610966.43	4206554.03	0.28588	8.16	8.16	0	ANNUAL	LINE	5
610973.43	4206554.03	0.27993	8.16	8.16	0	ANNUAL	LINE	5
610994.43	4206554.03	0.26257	8.16	8.16	0	ANNUAL	LINE	5
611001.43	4206554.03	0.25696	8.16	8.16	0	ANNUAL	LINE	5
611008.43	4206554.03	0.25145	8.16	8.16	0	ANNUAL	LINE	5
611015.43	4206554.03	0.24604	8.16	8.16	0	ANNUAL	LINE	5
611022.43	4206554.03	0.24072	8.17	8.17	0	ANNUAL	LINE	5
611029.43	4206554.03	0.23551	8.17	8.17	0	ANNUAL	LINE	5
611036.43	4206554.03	0.2304	8.17	8.17	0	ANNUAL	LINE	5
611043.43	4206554.03	0.22539	8.17	8.17	0	ANNUAL	LINE	5
611050.43	4206554.03	0.22048	8.17	8.17	0	ANNUAL	LINE	5
611057.43	4206554.03	0.21568	8.17	8.17	0	ANNUAL	LINE	5
610294.43	4206561.03	0.466	10.46	10.46	0	ANNUAL	LINE	5
610301.43	4206561.03	0.46807	10.55	10.55	0	ANNUAL	LINE	5
610308.43	4206561.03	0.47011	10.65	10.65	0	ANNUAL	LINE	5
610315.43	4206561.03	0.47208	10.74	10.74	0	ANNUAL	LINE	5
610322.43	4206561.03	0.474	10.84	10.84	0	ANNUAL	LINE	5
610329.43	4206561.03	0.47587	10.94	10.94	0	ANNUAL	LINE	5
610336.43	4206561.03	0.47767	11.03	11.03	0	ANNUAL	LINE	5
610343.43	4206561.03	0.47943	11.13	11.13	0	ANNUAL	LINE	5
610350.43	4206561.03	0.4811	11.22	11.22	0	ANNUAL	LINE	5
610357.43	4206561.03	0.48268	11.32	11.32	0	ANNUAL	LINE	5
610364.43	4206561.03	0.48416	11.41	11.41	0	ANNUAL	LINE	5
610371.43	4206561.03	0.48554	11.51	11.51	0	ANNUAL	LINE	5
610378.43	4206561.03	0.48683	11.61	11.61	0	ANNUAL	LINE	5
610385.43	4206561.03	0.48808	11.7	11.7	0	ANNUAL	LINE	5
610392.43	4206561.03	0.48925	11.8	11.8	0	ANNUAL	LINE	5
610399.43	4206561.03	0.49038	11.89	11.89	0	ANNUAL	LINE	5
610406.43	4206561.03	0.49143	11.99	11.99	0	ANNUAL	LINE	5
610413.43	4206561.03	0.49252	12	12	0	ANNUAL	LINE	5
610420.43	4206561.03	0.49355	12	12	0	ANNUAL	LINE	5
610427.43	4206561.03	0.4945	12	12	0	ANNUAL	LINE	5
610434.43	4206561.03	0.49536	12	12	0	ANNUAL	LINE	5
610441.43	4206561.03	0.49614	12	12	0	ANNUAL	LINE	5
610448.43	4206561.03	0.49684	12	12	0	ANNUAL	LINE	5
610455.43	4206561.03	0.49746	12	12	0	ANNUAL	LINE	5
610462.43	4206561.03	0.49799	12	12	0	ANNUAL	LINE	5
610469.43	4206561.03	0.49844	12	12	0	ANNUAL	LINE	5
610497.43	4206561.03	0.4994	12	12	0	ANNUAL	LINE	5
610504.43	4206561.03	0.49944	12	12	0	ANNUAL	LINE	5
610511.43	4206561.03	0.49939	12	12	0	ANNUAL	LINE	5
610518.43	4206561.03	0.49926	12	12	0	ANNUAL	LINE	5
610525.43	4206561.03	0.49906	12	12	0	ANNUAL	LINE	5
610532.43	4206561.03	0.49877	12	12	0	ANNUAL	LINE	5
610539.43	4206561.03	0.49841	12	12	0	ANNUAL	LINE	5
610546.43	4206561.03	0.49797	12	12	0	ANNUAL	LINE	5
610553.43	4206561.03	0.49745	12	12	0	ANNUAL	LINE	5
610560.43	4206561.03	0.49673	11.91	11.91	0	ANNUAL	LINE	5
610567.43	4206561.03	0.49591	11.82	11.82	0	ANNUAL	LINE	5
610574.43	4206561.03	0.49501	11.72	11.72	0	ANNUAL	LINE	5
610581.43	4206561.03	0.49405	11.63	11.63	0	ANNUAL	LINE	5
610588.43	4206561.03	0.49301	11.54	11.54	0	ANNUAL	LINE	5
610595.43	4206561.03	0.49188	11.44	11.44	0	ANNUAL	LINE	5
610602.43	4206561.03	0.49071	11.35	11.35	0	ANNUAL	LINE	5
610609.43	4206561.03	0.48946	11.26	11.26	0	ANNUAL	LINE	5
610616.43	4206561.03	0.48814	11.17	11.17	0	ANNUAL	LINE	5
610623.43	4206561.03	0.48673	11.08	11.08	0	ANNUAL	LINE	5
610630.43	4206561.03	0.48522	10.98	10.98	0	ANNUAL	LINE	5
610637.43	4206561.03	0.48364	10.89	10.89	0	ANNUAL	LINE	5
610644.43	4206561.03	0.48195	10.79	10.79	0	ANNUAL	LINE	5
610651.43	4206561.03	0.48017	10.7	10.7	0	ANNUAL	LINE	5
610658.43	4206561.03	0.47829	10.61	10.61	0	ANNUAL	LINE	5
610665.43	4206561.03	0.4763	10.51	10.51	0	ANNUAL	LINE	5
610672.43	4206561.03	0.47422	10.42	10.42	0	ANNUAL	LINE	5
610679.43	4206561.03	0.47204	10.32	10.32	0	ANNUAL	LINE	5
610686.43	4206561.03	0.46975	10.23	10.23	0	ANNUAL	LINE	5
610693.43	4206561.03	0.46737	10.13	10.13	0	ANNUAL	LINE	5
610700.43	4206561.03	0.46492	10.04	10.04	0	ANNUAL	LINE	5
610707.43	4206561.03	0.4624	10.04	10.04	0	ANNUAL	LINE	5
610714.43	4206561.03	0.45977	10.04	10.04	0	ANNUAL	LINE	5
610735.43	4206561.03	0.4512	10.02	10.02	0	ANNUAL	LINE	5
610742.43	4206561.03	0.44811	10.02	10.02	0	ANNUAL	LINE	5
610749.43	4206561.03	0.44488	10.02	10.02	0	ANNUAL	LINE	5
610756.43	4206561.03	0.44151	10.01	10.01	0	ANNUAL	LINE	5
610763.43	4206561.03	0.438	10.01	10.01	0	ANNUAL	LINE	5
610770.43	4206561.03	0.43433	10	10	0	ANNUAL	LINE	5
610777.43	4206561.03	0.43049	9.94	9.94	0	ANNUAL	LINE	5
610784.43	4206561.03	0.42649	9.85	9.85	0	ANNUAL	LINE	5
610791.43	4206561.03	0.42231	9.75	9.75	0	ANNUAL	LINE	5
610798.43	4206561.03	0.41797	9.66	9.66	0	ANNUAL	LINE	5
610805.43	4206561.03	0.41347	9.56	9.56	0	ANNUAL	LINE	5
610812.43	4206561.03	0.4088	9.46	9.46	0	ANNUAL	LINE	5
610819.43	4206561.03	0.40396	9.37	9.37	0	ANNUAL	LINE	5
610826.43	4206561.03	0.39898	9.27	9.27	0	ANNUAL	LINE	5
610833.43	4206561.03	0.39384	9.18	9.18	0	ANNUAL	LINE	5
610840.43	4206561.03	0.38856	9.08	9.08	0	ANNUAL	LINE	5
610847.43	4206561.03	0.38316	8.99	8.99	0	ANNUAL	LINE	5
610854.43	4206561.03	0.37764	8.9	8.9	0	ANNUAL	LINE	5
610861.43	4206561.03	0.37202	8.81	8.81	0	ANNUAL	LINE	5
610868.43	4206561.03	0.3663	8.72	8.72	0	ANNUAL	LINE	5
610875.43	4206561.03	0.36051	8.63	8.63	0	ANNUAL	LINE	5
610882.43	4206561.03	0.35466	8.54	8.54	0	ANNUAL	LINE	5
610889.43	4206561.03	0.34875	8.45	8.45	0	ANNUAL	LINE	5
610910.43	4206561.03	0.33084	8.19	8.19	0	ANNUAL	LINE	5
610917.43	4206561.03	0.32485	8.1	8.1	0	ANNUAL	LINE	5
610924.43	4206561.03	0.31888	8.08	8.08	0	ANNUAL	LINE	5
610931.43	4206561.03	0.31292	8.08	8.08	0	ANNUAL	LINE	5
610938.43	4206561.03	0.30699	8.08	8.08	0	ANNUAL	LINE	5
610945.43	4206561.03	0.3011	8.08	8.08	0	ANNUAL	LINE	5
610952.43	4206561.03	0.29524	8.08	8.08	0	ANNUAL	LINE	5
610959.43	4206561.03	0.28944	8.08	8.08	0	ANNUAL	LINE	5
610966.43	4206561.03	0.28369	8.08	8.08	0	ANNUAL	LINE	5
610973.43	4206561.03	0.278	8.08	8.08	0	ANNUAL	LINE	5
610994.43	4206561.03	0.26135	8.09	8.09	0	ANNUAL	LINE	5
611001.43	4206561.03	0.25595	8.09	8.09	0	ANNUAL	LINE	5
611008.43	4206561.03	0.25063	8.09	8.09	0	ANNUAL	LINE	5
611015.43	4206561.03	0.24541	8.09	8.09	0	ANNUAL	LINE	5
611022.43	4206561.03	0.24026	8.09	8.09	0	ANNUAL	LINE	5
611029.43	4206561.03	0.23521	8.09	8.09	0	ANNUAL	LINE	5
611036.43	4206561.03	0.23025	8.09	8.09	0	ANNUAL	LINE	5
611043.43	4206561.03	0.22538	8.09	8.09	0	ANNUAL	LINE	5
611050.43	4206561.03	0.22061	8.09	8.09	0	ANNUAL	LINE	5
611057.43	4206561.03	0.21593	8.1	8.1	0	ANNUAL	LINE	5
610294.43	4206568.03	0.44577	10.46	10.46	0	ANNUAL	LINE	5
610301.43	4206568.03	0.44782	10.55	10.55	0	ANNUAL	LINE	5
610308.43	4206568.03	0.44983	10.65	10.65	0	ANNUAL	LINE	5
610315.43	4206568.03	0.45179	10.75	10.75	0	ANNUAL	LINE	5
610322.43	4206568.03	0.45369	10.84	10.84	0	ANNUAL	LINE	5
610329.43	4206568.03	0.45554	10.94	10.94	0	ANNUAL	LINE	5
610336.43	4206568.03	0.45734	11.03	11.03	0	ANNUAL	LINE	5
610343.43	4206568.03	0.45908	11.13	11.13	0	ANNUAL	LINE	5
610350.43	4206568.03	0.46075	11.22	11.22	0	ANNUAL	LINE	5
610357.43	4206568.03	0.46233	11.32	11.32	0	ANNUAL	LINE	5
610364.43	4206568.03	0.4638	11.42	11.42	0	ANNUAL	LINE	5
610371.43	4206568.03	0.46519	11.51	11.51	0	ANNUAL	LINE	5
610378.43	4206568.03	0.4665	11.61	11.61	0	ANNUAL	LINE	5
610385.43	4206568.03	0.46776	11.7	11.7	0	ANNUAL	LINE	5
610392.43	4206568.03	0.46895	11.8	11.8	0	ANNUAL	LINE	5
610399.43	4206568.03	0.47009	11.89	11.89	0	ANNUAL	LINE	5
610406.43	4206568.03	0.47116	11.99	11.99	0	ANNUAL	LINE	5
610413.43	4206568.03	0.47229	11.99	11.99	0	ANNUAL	LINE	5
610420.43	4206568.03	0.47335	11.99	11.99	0	ANNUAL	LINE	5
610427.43	4206568.03	0.47434	11.98	11.98	0	ANNUAL	LINE	5
610434.43	4206568.03	0.47524	11.97	11.97	0	ANNUAL	LINE	5
610441.43	4206568.03	0.47606	11.97	11.97	0	ANNUAL	LINE	5
610448.43	4206568.03	0.4768	11.96	11.96	0	ANNUAL	LINE	5
610455.43	4206568.03	0.47746	11.95	11.95	0	ANNUAL	LINE	5
610462.43	4206568.03	0.47803	11.95	11.95	0	ANNUAL	LINE	5
610469.43	4206568.03	0.47853	11.94	11.94	0	ANNUAL	LINE	5
610497.43	4206568.03	0.47972	11.95	11.95	0	ANNUAL	LINE	5
610504.43	4206568.03	0.47984	11.96	11.96	0	ANNUAL	LINE	5
610511.43	4206568.03	0.47988	11.97	11.97	0	ANNUAL	LINE	5
610518.43	4206568.03	0.47983	11.97	11.97	0	ANNUAL	LINE	5
610525.43	4206568.03	0.47972	11.98	11.98	0	ANNUAL	LINE	5
610532.43	4206568.03	0.47952	11.98	11.98	0	ANNUAL	LINE	5
610539.43	4206568.03	0.47926	11.99	11.99	0	ANNUAL	LINE	5
610546.43	4206568.03	0.47892	11.99	11.99	0	ANNUAL	LINE	5
610553.43	4206568.03	0.47851	12	12	0	ANNUAL	LINE	5
610560.43	4206568.03	0.47789	11.91	11.91	0	ANNUAL	LINE	5
610567.43	4206568.03	0.4772	11.82	11.82	0	ANNUAL	LINE	5
610574.43	4206568.03	0.47643	11.73	11.73	0	ANNUAL	LINE	5
610581.43	4206568.03	0.47558	11.64	11.64	0	ANNUAL	LINE	5
610588.43	4206568.03	0.47466	11.55	11.55	0	ANNUAL	LINE	5
610595.43	4206568.03	0.47367	11.46	11.46	0	ANNUAL	LINE	5
610602.43	4206568.03	0.47259	11.36	11.36	0	ANNUAL	LINE	5
610609.43	4206568.03	0.47146	11.27	11.27	0	ANNUAL	LINE	5
610616.43	4206568.03	0.47027	11.18	11.18	0	ANNUAL	LINE	5
610623.43	4206568.03	0.46899	11.09	11.09	0	ANNUAL	LINE	5
610630.43	4206568.03	0.46762	10.99	10.99	0	ANNUAL	LINE	5
610637.43	4206568.03	0.46616	10.89	10.89	0	ANNUAL	LINE	5
610644.43	4206568.03	0.46462	10.79	10.79	0	ANNUAL	LINE	5
610651.43	4206568.03	0.46299	10.69	10.69	0	ANNUAL	LINE	5
610658.43	4206568.03	0.46126	10.59	10.59	0	ANNUAL	LINE	5
610665.43	4206568.03	0.45945	10.49	10.49	0	ANNUAL	LINE	5
610672.43	4206568.03	0.45754	10.39	10.39	0	ANNUAL	LINE	5
610679.43	4206568.03	0.45553	10.29	10.29	0	ANNUAL	LINE	5
610686.43	4206568.03	0.45344	10.19	10.19	0	ANNUAL	LINE	5
610693.43	4206568.03	0.45127	10.09	10.09	0	ANNUAL	LINE	5
610700.43	4206568.03	0.44904	10	10	0	ANNUAL	LINE	5
610707.43	4206568.03	0.44674	10	10	0	ANNUAL	LINE	5
610714.43	4206568.03	0.44434	10	10	0	ANNUAL	LINE	5
610735.43	4206568.03	0.43653	10	10	0	ANNUAL	LINE	5
610742.43	4206568.03	0.43371	10	10	0	ANNUAL	LINE	5
610749.43	4206568.03	0.43077	10	10	0	ANNUAL	LINE	5
610756.43	4206568.03	0.42771	10	10	0	ANNUAL	LINE	5
610763.43	4206568.03	0.42451	10	10	0	ANNUAL	LINE	5
610770.43	4206568.03	0.42118	10	10	0	ANNUAL	LINE	5
610777.43	4206568.03	0.41769	9.94	9.94	0	ANNUAL	LINE	5
610784.43	4206568.03	0.41404	9.85	9.85	0	ANNUAL	LINE	5
610791.43	4206568.03	0.41024	9.75	9.75	0	ANNUAL	LINE	5
610798.43	4206568.03	0.40629	9.65	9.65	0	ANNUAL	LINE	5
610805.43	4206568.03	0.40219	9.56	9.56	0	ANNUAL	LINE	5
610812.43	4206568.03	0.39793	9.46	9.46	0	ANNUAL	LINE	5
610819.43	4206568.03	0.39352	9.37	9.37	0	ANNUAL	LINE	5
610826.43	4206568.03	0.38896	9.27	9.27	0	ANNUAL	LINE	5
610833.43	4206568.03	0.38426	9.18	9.18	0	ANNUAL	LINE	5
610840.43	4206568.03	0.37942	9.08	9.08	0	ANNUAL	LINE	5
610847.43	4206568.03	0.37446	8.98	8.98	0	ANNUAL	LINE	5
610854.43	4206568.03	0.36938	8.89	8.89	0	ANNUAL	LINE	5
610861.43	4206568.03	0.36419	8.8	8.8	0	ANNUAL	LINE	5
610868.43	4206568.03	0.35891	8.7	8.7	0	ANNUAL	LINE	5
610875.43	4206568.03	0.35354	8.6	8.6	0	ANNUAL	LINE	5
610882.43	4206568.03	0.3481	8.51	8.51	0	ANNUAL	LINE	5
610889.43	4206568.03	0.3426	8.41	8.41	0	ANNUAL	LINE	5
610910.43	4206568.03	0.32586	8.13	8.13	0	ANNUAL	LINE	5
610917.43	4206568.03	0.32023	8.03	8.03	0	ANNUAL	LINE	5
610924.43	4206568.03	0.31461	8	8	0	ANNUAL	LINE	5
610931.43	4206568.03	0.30899	8	8	0	ANNUAL	LINE	5
610938.43	4206568.03	0.30339	8	8	0	ANNUAL	LINE	5
610945.43	4206568.03	0.29781	8	8	0	ANNUAL	LINE	5
610952.43	4206568.03	0.29225	8	8	0	ANNUAL	LINE	5
610959.43	4206568.03	0.28673	8.01	8.01	0	ANNUAL	LINE	5
610966.43	4206568.03	0.28126	8.01	8.01	0	ANNUAL	LINE	5
610973.43	4206568.03	0.27583	8.01	8.01	0	ANNUAL	LINE	5
610994.43	4206568.03	0.25988	8.01	8.01	0	ANNUAL	LINE	5
611001.43	4206568.03	0.25469	8.01	8.01	0	ANNUAL	LINE	5
611008.43	4206568.03	0.24958	8.01	8.01	0	ANNUAL	LINE	5
611015.43	4206568.03	0.24454	8.01	8.01	0	ANNUAL	LINE	5
611022.43	4206568.03	0.23957	8.01	8.01	0	ANNUAL	LINE	5
611029.43	4206568.03	0.23469	8.02	8.02	0	ANNUAL	LINE	5

611036.43	4206568.03	0.22988	8.02	8.02	0	ANNUAL	LINE	5
611043.43	4206568.03	0.22516	8.02	8.02	0	ANNUAL	LINE	5
611050.43	4206568.03	0.22052	8.02	8.02	0	ANNUAL	LINE	5
611057.43	4206568.03	0.21596	8.02	8.02	0	ANNUAL	LINE	5
611078.43	4206568.03	0.20281	8.02	8.02	0	ANNUAL	LINE	5
611085.43	4206568.03	0.1986	8.02	8.02	0	ANNUAL	LINE	5
611092.43	4206568.03	0.19448	8.02	8.02	0	ANNUAL	LINE	5
610294.43	4206575.03	0.42665	10.46	10.46	0	ANNUAL	LINE	5
610301.43	4206575.03	0.42868	10.56	10.56	0	ANNUAL	LINE	5
610308.43	4206575.03	0.43067	10.65	10.65	0	ANNUAL	LINE	5
610315.43	4206575.03	0.4326	10.75	10.75	0	ANNUAL	LINE	5
610322.43	4206575.03	0.43449	10.84	10.84	0	ANNUAL	LINE	5
610329.43	4206575.03	0.43633	10.94	10.94	0	ANNUAL	LINE	5
610336.43	4206575.03	0.43811	11.03	11.03	0	ANNUAL	LINE	5
610343.43	4206575.03	0.43984	11.13	11.13	0	ANNUAL	LINE	5
610350.43	4206575.03	0.4415	11.23	11.23	0	ANNUAL	LINE	5
610357.43	4206575.03	0.44308	11.32	11.32	0	ANNUAL	LINE	5
610364.43	4206575.03	0.44456	11.42	11.42	0	ANNUAL	LINE	5
610371.43	4206575.03	0.44595	11.51	11.51	0	ANNUAL	LINE	5
610378.43	4206575.03	0.44727	11.61	11.61	0	ANNUAL	LINE	5
610385.43	4206575.03	0.44854	11.7	11.7	0	ANNUAL	LINE	5
610392.43	4206575.03	0.44974	11.8	11.8	0	ANNUAL	LINE	5
610399.43	4206575.03	0.4509	11.89	11.89	0	ANNUAL	LINE	5
610406.43	4206575.03	0.45198	11.99	11.99	0	ANNUAL	LINE	5
610413.43	4206575.03	0.45314	11.99	11.99	0	ANNUAL	LINE	5
610420.43	4206575.03	0.45425	11.97	11.97	0	ANNUAL	LINE	5
610427.43	4206575.03	0.45527	11.96	11.96	0	ANNUAL	LINE	5
610434.43	4206575.03	0.45621	11.94	11.94	0	ANNUAL	LINE	5
610441.43	4206575.03	0.45707	11.93	11.93	0	ANNUAL	LINE	5
610448.43	4206575.03	0.45784	11.92	11.92	0	ANNUAL	LINE	5
610455.43	4206575.03	0.45854	11.9	11.9	0	ANNUAL	LINE	5
610462.43	4206575.03	0.45915	11.89	11.89	0	ANNUAL	LINE	5
610469.43	4206575.03	0.45969	11.88	11.88	0	ANNUAL	LINE	5
610497.43	4206575.03	0.4611	11.89	11.89	0	ANNUAL	LINE	5
610504.43	4206575.03	0.46129	11.91	11.91	0	ANNUAL	LINE	5
610511.43	4206575.03	0.46139	11.92	11.92	0	ANNUAL	LINE	5
610518.43	4206575.03	0.46144	11.94	11.94	0	ANNUAL	LINE	5
610525.43	4206575.03	0.4614	11.95	11.95	0	ANNUAL	LINE	5
610532.43	4206575.03	0.4613	11.96	11.96	0	ANNUAL	LINE	5
610539.43	4206575.03	0.46112	11.97	11.97	0	ANNUAL	LINE	5
610546.43	4206575.03	0.46089	11.99	11.99	0	ANNUAL	LINE	5
610553.43	4206575.03	0.46057	12	12	0	ANNUAL	LINE	5
610560.43	4206575.03	0.46008	11.92	11.92	0	ANNUAL	LINE	5
610567.43	4206575.03	0.45949	11.83	11.83	0	ANNUAL	LINE	5
610574.43	4206575.03	0.45884	11.75	11.75	0	ANNUAL	LINE	5
610581.43	4206575.03	0.45812	11.67	11.67	0	ANNUAL	LINE	5
610588.43	4206575.03	0.45731	11.58	11.58	0	ANNUAL	LINE	5
610595.43	4206575.03	0.45645	11.5	11.5	0	ANNUAL	LINE	5
610602.43	4206575.03	0.4555	11.41	11.41	0	ANNUAL	LINE	5
610609.43	4206575.03	0.4545	11.33	11.33	0	ANNUAL	LINE	5
610616.43	4206575.03	0.45341	11.24	11.24	0	ANNUAL	LINE	5
610623.43	4206575.03	0.45227	11.16	11.16	0	ANNUAL	LINE	5
610630.43	4206575.03	0.45102	11.06	11.06	0	ANNUAL	LINE	5
610637.43	4206575.03	0.44968	10.95	10.95	0	ANNUAL	LINE	5
610644.43	4206575.03	0.44827	10.85	10.85	0	ANNUAL	LINE	5
610651.43	4206575.03	0.44677	10.74	10.74	0	ANNUAL	LINE	5
610658.43	4206575.03	0.44518	10.63	10.63	0	ANNUAL	LINE	5
610665.43	4206575.03	0.44351	10.52	10.52	0	ANNUAL	LINE	5
610672.43	4206575.03	0.44176	10.42	10.42	0	ANNUAL	LINE	5
610679.43	4206575.03	0.43992	10.31	10.31	0	ANNUAL	LINE	5
610686.43	4206575.03	0.43799	10.2	10.2	0	ANNUAL	LINE	5
610693.43	4206575.03	0.43601	10.1	10.1	0	ANNUAL	LINE	5
610700.43	4206575.03	0.43396	10	10	0	ANNUAL	LINE	5
610707.43	4206575.03	0.43186	10	10	0	ANNUAL	LINE	5
610714.43	4206575.03	0.42967	10	10	0	ANNUAL	LINE	5
610735.43	4206575.03	0.42254	10	10	0	ANNUAL	LINE	5
610742.43	4206575.03	0.41997	10	10	0	ANNUAL	LINE	5
610749.43	4206575.03	0.41729	10	10	0	ANNUAL	LINE	5
610756.43	4206575.03	0.41449	10	10	0	ANNUAL	LINE	5
610763.43	4206575.03	0.41158	10	10	0	ANNUAL	LINE	5
610770.43	4206575.03	0.40855	10	10	0	ANNUAL	LINE	5
610777.43	4206575.03	0.40537	9.94	9.94	0	ANNUAL	LINE	5
610784.43	4206575.03	0.40204	9.84	9.84	0	ANNUAL	LINE	5
610791.43	4206575.03	0.39859	9.75	9.75	0	ANNUAL	LINE	5
610798.43	4206575.03	0.39499	9.65	9.65	0	ANNUAL	LINE	5
610805.43	4206575.03	0.39125	9.56	9.56	0	ANNUAL	LINE	5
610812.43	4206575.03	0.38736	9.46	9.46	0	ANNUAL	LINE	5
610819.43	4206575.03	0.38334	9.37	9.37	0	ANNUAL	LINE	5
610826.43	4206575.03	0.37917	9.27	9.27	0	ANNUAL	LINE	5
610833.43	4206575.03	0.37486	9.17	9.17	0	ANNUAL	LINE	5
610840.43	4206575.03	0.37043	9.08	9.08	0	ANNUAL	LINE	5
610847.43	4206575.03	0.36587	8.98	8.98	0	ANNUAL	LINE	5
610854.43	4206575.03	0.36119	8.9	8.9	0	ANNUAL	LINE	5
610861.43	4206575.03	0.35641	8.81	8.81	0	ANNUAL	LINE	5
610868.43	4206575.03	0.35152	8.72	8.72	0	ANNUAL	LINE	5
610875.43	4206575.03	0.34656	8.63	8.63	0	ANNUAL	LINE	5
610882.43	4206575.03	0.34151	8.55	8.55	0	ANNUAL	LINE	5
610889.43	4206575.03	0.3364	8.46	8.46	0	ANNUAL	LINE	5
610910.43	4206575.03	0.33076	8.19	8.19	0	ANNUAL	LINE	5
610917.43	4206575.03	0.31548	8.1	8.1	0	ANNUAL	LINE	5
610924.43	4206575.03	0.3102	8.07	8.07	0	ANNUAL	LINE	5
610931.43	4206575.03	0.3049	8.06	8.06	0	ANNUAL	LINE	5
610938.43	4206575.03	0.29962	8.05	8.05	0	ANNUAL	LINE	5
610945.43	4206575.03	0.29434	8.05	8.05	0	ANNUAL	LINE	5
610952.43	4206575.03	0.28907	8.04	8.04	0	ANNUAL	LINE	5
610959.43	4206575.03	0.28383	8.03	8.03	0	ANNUAL	LINE	5
610966.43	4206575.03	0.27862	8.02	8.02	0	ANNUAL	LINE	5
610973.43	4206575.03	0.27345	8.02	8.02	0	ANNUAL	LINE	5
610994.43	4206575.03	0.2582	8	8	0	ANNUAL	LINE	5
611001.43	4206575.03	0.25322	7.99	7.99	0	ANNUAL	LINE	5
611008.43	4206575.03	0.2483	7.99	7.99	0	ANNUAL	LINE	5
611015.43	4206575.03	0.24345	7.98	7.98	0	ANNUAL	LINE	5
611022.43	4206575.03	0.23866	7.97	7.97	0	ANNUAL	LINE	5
611029.43	4206575.03	0.23394	7.97	7.97	0	ANNUAL	LINE	5
611036.43	4206575.03	0.22929	7.96	7.96	0	ANNUAL	LINE	5
611043.43	4206575.03	0.22472	7.96	7.96	0	ANNUAL	LINE	5
611050.43	4206575.03	0.22022	7.95	7.95	0	ANNUAL	LINE	5
611057.43	4206575.03	0.21579	7.95	7.95	0	ANNUAL	LINE	5
611078.43	4206575.03	0.20299	7.95	7.95	0	ANNUAL	LINE	5
611085.43	4206575.03	0.19888	7.95	7.95	0	ANNUAL	LINE	5
611092.43	4206575.03	0.19484	7.95	7.95	0	ANNUAL	LINE	5
610294.43	4206582.03	0.40855	10.46	10.46	0	ANNUAL	LINE	5
610301.43	4206582.03	0.41056	10.56	10.56	0	ANNUAL	LINE	5
610308.43	4206582.03	0.41253	10.65	10.65	0	ANNUAL	LINE	5
610315.43	4206582.03	0.41444	10.75	10.75	0	ANNUAL	LINE	5
610322.43	4206582.03	0.41632	10.84	10.84	0	ANNUAL	LINE	5
610329.43	4206582.03	0.41814	10.94	10.94	0	ANNUAL	LINE	5
610336.43	4206582.03	0.41991	11.04	11.04	0	ANNUAL	LINE	5
610343.43	4206582.03	0.42163	11.13	11.13	0	ANNUAL	LINE	5
610350.43	4206582.03	0.42328	11.23	11.23	0	ANNUAL	LINE	5
610357.43	4206582.03	0.42486	11.32	11.32	0	ANNUAL	LINE	5
610364.43	4206582.03	0.42633	11.42	11.42	0	ANNUAL	LINE	5
610371.43	4206582.03	0.42774	11.51	11.51	0	ANNUAL	LINE	5
610378.43	4206582.03	0.42906	11.61	11.61	0	ANNUAL	LINE	5
610385.43	4206582.03	0.43035	11.7	11.7	0	ANNUAL	LINE	5
610392.43	4206582.03	0.43156	11.8	11.8	0	ANNUAL	LINE	5
610399.43	4206582.03	0.43271	11.9	11.9	0	ANNUAL	LINE	5
610406.43	4206582.03	0.43383	11.99	11.99	0	ANNUAL	LINE	5
610413.43	4206582.03	0.43502	11.98	11.98	0	ANNUAL	LINE	5
610420.43	4206582.03	0.43616	11.96	11.96	0	ANNUAL	LINE	5
610427.43	4206582.03	0.43721	11.94	11.94	0	ANNUAL	LINE	5
610434.43	4206582.03	0.43818	11.92	11.92	0	ANNUAL	LINE	5
610441.43	4206582.03	0.43908	11.9	11.9	0	ANNUAL	LINE	5
610448.43	4206582.03	0.43989	11.87	11.87	0	ANNUAL	LINE	5
610455.43	4206582.03	0.44063	11.85	11.85	0	ANNUAL	LINE	5
610462.43	4206582.03	0.44128	11.83	11.83	0	ANNUAL	LINE	5
610469.43	4206582.03	0.44185	11.81	11.81	0	ANNUAL	LINE	5
610497.43	4206582.03	0.44347	11.84	11.84	0	ANNUAL	LINE	5
610504.43	4206582.03	0.44372	11.86	11.86	0	ANNUAL	LINE	5
610511.43	4206582.03	0.44389	11.88	11.88	0	ANNUAL	LINE	5
610518.43	4206582.03	0.444	11.9	11.9	0	ANNUAL	LINE	5
610525.43	4206582.03	0.44405	11.92	11.92	0	ANNUAL	LINE	5
610532.43	4206582.03	0.44402	11.94	11.94	0	ANNUAL	LINE	5
610539.43	4206582.03	0.44394	11.96	11.96	0	ANNUAL	LINE	5
610546.43	4206582.03	0.44378	11.98	11.98	0	ANNUAL	LINE	5
610553.43	4206582.03	0.44356	12	12	0	ANNUAL	LINE	5
610560.43	4206582.03	0.44317	11.92	11.92	0	ANNUAL	LINE	5
610567.43	4206582.03	0.44271	11.85	11.85	0	ANNUAL	LINE	5
610574.43	4206582.03	0.44217	11.77	11.77	0	ANNUAL	LINE	5
610581.43	4206582.03	0.44155	11.69	11.69	0	ANNUAL	LINE	5
610588.43	4206582.03	0.44088	11.62	11.62	0	ANNUAL	LINE	5
610595.43	4206582.03	0.44012	11.54	11.54	0	ANNUAL	LINE	5
610602.43	4206582.03	0.43929	11.46	11.46	0	ANNUAL	LINE	5
610609.43	4206582.03	0.43841	11.39	11.39	0	ANNUAL	LINE	5
610616.43	4206582.03	0.43745	11.31	11.31	0	ANNUAL	LINE	5
610623.43	4206582.03	0.43641	11.23	11.23	0	ANNUAL	LINE	5
610630.43	4206582.03	0.43528	11.13	11.13	0	ANNUAL	LINE	5
610637.43	4206582.03	0.43405	11.02	11.02	0	ANNUAL	LINE	5
610644.43	4206582.03	0.43275	10.9	10.9	0	ANNUAL	LINE	5
610651.43	4206582.03	0.43137	10.79	10.79	0	ANNUAL	LINE	5
610658.43	4206582.03	0.42991	10.67	10.67	0	ANNUAL	LINE	5
610665.43	4206582.03	0.42838	10.56	10.56	0	ANNUAL	LINE	5
610672.43	4206582.03	0.42677	10.44	10.44	0	ANNUAL	LINE	5
610679.43	4206582.03	0.42508	10.33	10.33	0	ANNUAL	LINE	5
610686.43	4206582.03	0.42332	10.22	10.22	0	ANNUAL	LINE	5
610693.43	4206582.03	0.42149	10.1	10.1	0	ANNUAL	LINE	5
610700.43	4206582.03	0.41961	10	10	0	ANNUAL	LINE	5
610707.43	4206582.03	0.4177	10	10	0	ANNUAL	LINE	5
610714.43	4206582.03	0.4157	10	10	0	ANNUAL	LINE	5
610735.43	4206582.03	0.40919	10	10	0	ANNUAL	LINE	5
610742.43	4206582.03	0.40684	10	10	0	ANNUAL	LINE	5
610749.43	4206582.03	0.40439	10	10	0	ANNUAL	LINE	5
610756.43	4206582.03	0.40184	10	10	0	ANNUAL	LINE	5
610763.43	4206582.03	0.39919	10	10	0	ANNUAL	LINE	5
610770.43	4206582.03	0.39642	10	10	0	ANNUAL	LINE	5
610777.43	4206582.03	0.39352	9.94	9.94	0	ANNUAL	LINE	5
610784.43	4206582.03	0.39049	9.84	9.84	0	ANNUAL	LINE	5
610791.43	4206582.03	0.38734	9.75	9.75	0	ANNUAL	LINE	5
610798.43	4206582.03	0.38405	9.65	9.65	0	ANNUAL	LINE	5
610805.43	4206582.03	0.38064	9.56	9.56	0	ANNUAL	LINE	5
610812.43	4206582.03	0.37709	9.46	9.46	0	ANNUAL	LINE	5
610819.43	4206582.03	0.37341	9.36	9.36	0	ANNUAL	LINE	5
610826.43	4206582.03	0.3696	9.27	9.27	0	ANNUAL	LINE	5
610833.43	4206582.03	0.36566	9.17	9.17	0	ANNUAL	LINE	5
610840.43	4206582.03	0.36159	9.08	9.08	0	ANNUAL	LINE	5
610847.43	4206582.03	0.3574	8.98	8.98	0	ANNUAL	LINE	5
610854.43	4206582.03	0.3531	8.9	8.9	0	ANNUAL	LINE	5
610861.43	4206582.03	0.34869	8.82	8.82	0	ANNUAL	LINE	5
610868.43	4206582.03	0.34418	8.74	8.74	0	ANNUAL	LINE	5
610875.43	4206582.03	0.33958	8.66	8.66	0	ANNUAL	LINE	5
610882.43	4206582.03	0.3349	8.58	8.58	0	ANNUAL	LINE	5
610889.43	4206582.03	0.33015	8.5	8.5	0	ANNUAL	LINE	5
610910.43	4206582.03	0.31556	8.26	8.26	0	ANNUAL	LINE	5
610917.43	4206582.03	0.31061	8.17	8.17	0	ANNUAL	LINE	5
610924.43	4206582.03	0.30565	8.14	8.14	0	ANNUAL	LINE	5
610931.43	4206582.03	0.30067	8.13	8.13	0	ANNUAL	LINE	5
610938.43	4206582.03	0.29569	8.11	8.11	0	ANNUAL	LINE	5
610945.43	4206582.03	0.2907	8.1	8.1	0	ANNUAL	LINE	5
610952.43	4206582.03	0.28572	8.08	8.08	0	ANNUAL	LINE	5
610959.43	4206582.03	0.28075	8.07	8.07	0	ANNUAL	LINE	5
610966.43	4206582.03	0.2758	8.05	8.05	0	ANNUAL	LINE	5
610973.43	4206582.03	0.27087	8.04	8.04	0	ANNUAL	LINE	5
610994.43	4206582.03	0.25631	8	8	0	ANNUAL	LINE	5
611001.43	4206582.03	0.25154	7.98	7.98	0	ANNUAL	LINE	5
611008.43	4206582.03	0.24682	7.97	7.97	0	ANNUAL	LINE	5
611015.43	4206582.03	0.24216	7.96	7.96	0	ANNUAL	LINE	5
611022.43	4206582.03	0.23755	7.94	7.94	0	ANNUAL	LINE	5
611029.43	4206582.03	0.233	7.93	7.93	0	ANNUAL	LINE	5
611036.43	4206582.03	0.22851	7.92	7.92	0	ANNUAL	LINE	5
611043.43	4206582.03	0.22408	7.91	7.91	0	ANNUAL	LINE	5
611050.43	4206582.03	0.21972	7.89	7.89	0	ANNUAL	LINE	5

611057.43	4206582.03	0.21543	7.88	7.88	0	ANNUAL	LINE	5
611078.43	4206582.03	0.20298	7.87	7.87	0	ANNUAL	LINE	5
611085.43	4206582.03	0.19897	7.87	7.87	0	ANNUAL	LINE	5
611092.43	4206582.03	0.19503	7.87	7.87	0	ANNUAL	LINE	5
610294.43	4206589.03	0.39141	10.46	10.46	0	ANNUAL	LINE	5
610301.43	4206589.03	0.39339	10.56	10.56	0	ANNUAL	LINE	5
610308.43	4206589.03	0.39534	10.65	10.65	0	ANNUAL	LINE	5
610315.43	4206589.03	0.39724	10.75	10.75	0	ANNUAL	LINE	5
610322.43	4206589.03	0.39909	10.85	10.85	0	ANNUAL	LINE	5
610329.43	4206589.03	0.4009	10.94	10.94	0	ANNUAL	LINE	5
610336.43	4206589.03	0.40266	11.04	11.04	0	ANNUAL	LINE	5
610343.43	4206589.03	0.40437	11.13	11.13	0	ANNUAL	LINE	5
610350.43	4206589.03	0.40601	11.23	11.23	0	ANNUAL	LINE	5
610357.43	4206589.03	0.40758	11.32	11.32	0	ANNUAL	LINE	5
610364.43	4206589.03	0.40906	11.42	11.42	0	ANNUAL	LINE	5
610371.43	4206589.03	0.41047	11.51	11.51	0	ANNUAL	LINE	5
610378.43	4206589.03	0.4118	11.61	11.61	0	ANNUAL	LINE	5
610385.43	4206589.03	0.41308	11.71	11.71	0	ANNUAL	LINE	5
610392.43	4206589.03	0.41431	11.8	11.8	0	ANNUAL	LINE	5
610399.43	4206589.03	0.41548	11.9	11.9	0	ANNUAL	LINE	5
610406.43	4206589.03	0.41661	11.99	11.99	0	ANNUAL	LINE	5
610413.43	4206589.03	0.41764	11.97	11.97	0	ANNUAL	LINE	5
610420.43	4206589.03	0.41901	11.94	11.94	0	ANNUAL	LINE	5
610427.43	4206589.03	0.42008	11.92	11.92	0	ANNUAL	LINE	5
610434.43	4206589.03	0.42109	11.89	11.89	0	ANNUAL	LINE	5
610441.43	4206589.03	0.42202	11.86	11.86	0	ANNUAL	LINE	5
610448.43	4206589.03	0.42288	11.83	11.83	0	ANNUAL	LINE	5
610455.43	4206589.03	0.42364	11.8	11.8	0	ANNUAL	LINE	5
610462.43	4206589.03	0.42433	11.78	11.78	0	ANNUAL	LINE	5
610469.43	4206589.03	0.42494	11.75	11.75	0	ANNUAL	LINE	5
610497.43	4206589.03	0.42674	11.78	11.78	0	ANNUAL	LINE	5
610504.43	4206589.03	0.42705	11.81	11.81	0	ANNUAL	LINE	5
610511.43	4206589.03	0.42729	11.84	11.84	0	ANNUAL	LINE	5
610518.43	4206589.03	0.42746	11.86	11.86	0	ANNUAL	LINE	5
610525.43	4206589.03	0.42758	11.89	11.89	0	ANNUAL	LINE	5
610532.43	4206589.03	0.42763	11.92	11.92	0	ANNUAL	LINE	5
610539.43	4206589.03	0.42763	11.95	11.95	0	ANNUAL	LINE	5
610546.43	4206589.03	0.42755	11.97	11.97	0	ANNUAL	LINE	5
610553.43	4206589.03	0.42741	12	12	0	ANNUAL	LINE	5
610560.43	4206589.03	0.42712	11.93	11.93	0	ANNUAL	LINE	5
610567.43	4206589.03	0.42676	11.86	11.86	0	ANNUAL	LINE	5
610574.43	4206589.03	0.42633	11.79	11.79	0	ANNUAL	LINE	5
610581.43	4206589.03	0.42582	11.72	11.72	0	ANNUAL	LINE	5
610588.43	4206589.03	0.42525	11.65	11.65	0	ANNUAL	LINE	5
610595.43	4206589.03	0.42461	11.58	11.58	0	ANNUAL	LINE	5
610602.43	4206589.03	0.4239	11.51	11.51	0	ANNUAL	LINE	5
610609.43	4206589.03	0.42312	11.44	11.44	0	ANNUAL	LINE	5
610616.43	4206589.03	0.42227	11.37	11.37	0	ANNUAL	LINE	5
610623.43	4206589.03	0.42135	11.3	11.3	0	ANNUAL	LINE	5
610630.43	4206589.03	0.42032	11.2	11.2	0	ANNUAL	LINE	5
610637.43	4206589.03	0.4192	11.08	11.08	0	ANNUAL	LINE	5
610644.43	4206589.03	0.41801	10.96	10.96	0	ANNUAL	LINE	5
610651.43	4206589.03	0.41675	10.84	10.84	0	ANNUAL	LINE	5
610658.43	4206589.03	0.4154	10.71	10.71	0	ANNUAL	LINE	5
610665.43	4206589.03	0.41399	10.59	10.59	0	ANNUAL	LINE	5
610672.43	4206589.03	0.41251	10.47	10.47	0	ANNUAL	LINE	5
610679.43	4206589.03	0.41096	10.35	10.35	0	ANNUAL	LINE	5
610686.43	4206589.03	0.40934	10.23	10.23	0	ANNUAL	LINE	5
610693.43	4206589.03	0.40766	10.11	10.11	0	ANNUAL	LINE	5
610700.43	4206589.03	0.40595	10	10	0	ANNUAL	LINE	5
610707.43	4206589.03	0.4042	10	10	0	ANNUAL	LINE	5
610714.43	4206589.03	0.40237	10	10	0	ANNUAL	LINE	5
610735.43	4206589.03	0.39642	10	10	0	ANNUAL	LINE	5
610742.43	4206589.03	0.39428	10	10	0	ANNUAL	LINE	5
610749.43	4206589.03	0.39204	10	10	0	ANNUAL	LINE	5
610756.43	4206589.03	0.38971	10	10	0	ANNUAL	LINE	5
610763.43	4206589.03	0.38729	10	10	0	ANNUAL	LINE	5
610770.43	4206589.03	0.38476	10	10	0	ANNUAL	LINE	5
610777.43	4206589.03	0.38212	9.94	9.94	0	ANNUAL	LINE	5
610784.43	4206589.03	0.37935	9.84	9.84	0	ANNUAL	LINE	5
610791.43	4206589.03	0.37647	9.75	9.75	0	ANNUAL	LINE	5
610798.43	4206589.03	0.37348	9.65	9.65	0	ANNUAL	LINE	5
610805.43	4206589.03	0.37036	9.55	9.55	0	ANNUAL	LINE	5
610812.43	4206589.03	0.36712	9.46	9.46	0	ANNUAL	LINE	5
610819.43	4206589.03	0.36376	9.36	9.36	0	ANNUAL	LINE	5
610826.43	4206589.03	0.36027	9.27	9.27	0	ANNUAL	LINE	5
610833.43	4206589.03	0.35666	9.17	9.17	0	ANNUAL	LINE	5
610840.43	4206589.03	0.35292	9.08	9.08	0	ANNUAL	LINE	5
610847.43	4206589.03	0.34907	8.99	8.99	0	ANNUAL	LINE	5
610854.43	4206589.03	0.34512	8.91	8.91	0	ANNUAL	LINE	5
610861.43	4206589.03	0.34105	8.84	8.84	0	ANNUAL	LINE	5
610868.43	4206589.03	0.33689	8.77	8.77	0	ANNUAL	LINE	5
610875.43	4206589.03	0.33263	8.69	8.69	0	ANNUAL	LINE	5
610882.43	4206589.03	0.3283	8.62	8.62	0	ANNUAL	LINE	5
610889.43	4206589.03	0.32388	8.54	8.54	0	ANNUAL	LINE	5
610910.43	4206589.03	0.31028	8.32	8.32	0	ANNUAL	LINE	5
610917.43	4206589.03	0.30565	8.25	8.25	0	ANNUAL	LINE	5
610924.43	4206589.03	0.301	8.21	8.21	0	ANNUAL	LINE	5
610931.43	4206589.03	0.29632	8.19	8.19	0	ANNUAL	LINE	5
610938.43	4206589.03	0.29162	8.17	8.17	0	ANNUAL	LINE	5
610945.43	4206589.03	0.28691	8.14	8.14	0	ANNUAL	LINE	5
610952.43	4206589.03	0.2822	8.12	8.12	0	ANNUAL	LINE	5
610959.43	4206589.03	0.2775	8.1	8.1	0	ANNUAL	LINE	5
610966.43	4206589.03	0.2728	8.08	8.08	0	ANNUAL	LINE	5
610973.43	4206589.03	0.26812	8.06	8.06	0	ANNUAL	LINE	5
610994.43	4206589.03	0.25423	7.99	7.99	0	ANNUAL	LINE	5
611001.43	4206589.03	0.24967	7.97	7.97	0	ANNUAL	LINE	5
611008.43	4206589.03	0.24515	7.95	7.95	0	ANNUAL	LINE	5
611015.43	4206589.03	0.24067	7.93	7.93	0	ANNUAL	LINE	5
611022.43	4206589.03	0.23624	7.91	7.91	0	ANNUAL	LINE	5
611029.43	4206589.03	0.23185	7.89	7.89	0	ANNUAL	LINE	5
611036.43	4206589.03	0.22753	7.87	7.87	0	ANNUAL	LINE	5
611043.43	4206589.03	0.22325	7.85	7.85	0	ANNUAL	LINE	5
611050.43	4206589.03	0.21904	7.83	7.83	0	ANNUAL	LINE	5
611057.43	4206589.03	0.21488	7.82	7.82	0	ANNUAL	LINE	5
611078.43	4206589.03	0.20279	7.8	7.8	0	ANNUAL	LINE	5
611085.43	4206589.03	0.19889	7.8	7.8	0	ANNUAL	LINE	5
611092.43	4206589.03	0.19506	7.8	7.8	0	ANNUAL	LINE	5
610294.43	4206596.03	0.37516	10.46	10.46	0	ANNUAL	LINE	5
610301.43	4206596.03	0.37712	10.56	10.56	0	ANNUAL	LINE	5
610308.43	4206596.03	0.37904	10.66	10.66	0	ANNUAL	LINE	5
610315.43	4206596.03	0.38092	10.75	10.75	0	ANNUAL	LINE	5
610322.43	4206596.03	0.38276	10.85	10.85	0	ANNUAL	LINE	5
610329.43	4206596.03	0.38455	10.94	10.94	0	ANNUAL	LINE	5
610336.43	4206596.03	0.38629	11.04	11.04	0	ANNUAL	LINE	5
610343.43	4206596.03	0.38799	11.13	11.13	0	ANNUAL	LINE	5
610350.43	4206596.03	0.38963	11.23	11.23	0	ANNUAL	LINE	5
610357.43	4206596.03	0.39119	11.32	11.32	0	ANNUAL	LINE	5
610364.43	4206596.03	0.39267	11.42	11.42	0	ANNUAL	LINE	5
610371.43	4206596.03	0.39407	11.52	11.52	0	ANNUAL	LINE	5
610378.43	4206596.03	0.39542	11.61	11.61	0	ANNUAL	LINE	5
610385.43	4206596.03	0.39671	11.71	11.71	0	ANNUAL	LINE	5
610392.43	4206596.03	0.39795	11.8	11.8	0	ANNUAL	LINE	5
610399.43	4206596.03	0.39913	11.9	11.9	0	ANNUAL	LINE	5
610406.43	4206596.03	0.40027	11.99	11.99	0	ANNUAL	LINE	5
610413.43	4206596.03	0.40152	11.97	11.97	0	ANNUAL	LINE	5
610420.43	4206596.03	0.40272	11.93	11.93	0	ANNUAL	LINE	5
610427.43	4206596.03	0.40384	11.89	11.89	0	ANNUAL	LINE	5
610434.43	4206596.03	0.40487	11.86	11.86	0	ANNUAL	LINE	5
610441.43	4206596.03	0.40584	11.82	11.82	0	ANNUAL	LINE	5
610448.43	4206596.03	0.40671	11.79	11.79	0	ANNUAL	LINE	5
610455.43	4206596.03	0.40752	11.75	11.75	0	ANNUAL	LINE	5
610462.43	4206596.03	0.40824	11.72	11.72	0	ANNUAL	LINE	5
610469.43	4206596.03	0.40889	11.68	11.68	0	ANNUAL	LINE	5
610497.43	4206596.03	0.41086	11.72	11.72	0	ANNUAL	LINE	5
610504.43	4206596.03	0.41122	11.76	11.76	0	ANNUAL	LINE	5
610511.43	4206596.03	0.41151	11.79	11.79	0	ANNUAL	LINE	5
610518.43	4206596.03	0.41176	11.83	11.83	0	ANNUAL	LINE	5
610525.43	4206596.03	0.41193	11.86	11.86	0	ANNUAL	LINE	5
610532.43	4206596.03	0.41206	11.9	11.9	0	ANNUAL	LINE	5
610539.43	4206596.03	0.41211	11.93	11.93	0	ANNUAL	LINE	5
610546.43	4206596.03	0.41212	11.97	11.97	0	ANNUAL	LINE	5
610553.43	4206596.03	0.41206	12	12	0	ANNUAL	LINE	5
610560.43	4206596.03	0.41187	11.94	11.94	0	ANNUAL	LINE	5
610567.43	4206596.03	0.4116	11.87	11.87	0	ANNUAL	LINE	5
610574.43	4206596.03	0.41126	11.81	11.81	0	ANNUAL	LINE	5
610581.43	4206596.03	0.41086	11.75	11.75	0	ANNUAL	LINE	5
610588.43	4206596.03	0.4104	11.69	11.69	0	ANNUAL	LINE	5
610595.43	4206596.03	0.40986	11.63	11.63	0	ANNUAL	LINE	5
610602.43	4206596.03	0.40925	11.56	11.56	0	ANNUAL	LINE	5
610609.43	4206596.03	0.40858	11.5	11.5	0	ANNUAL	LINE	5
610616.43	4206596.03	0.40784	11.44	11.44	0	ANNUAL	LINE	5
610623.43	4206596.03	0.40702	11.37	11.37	0	ANNUAL	LINE	5
610630.43	4206596.03	0.4061	11.27	11.27	0	ANNUAL	LINE	5
610637.43	4206596.03	0.40507	11.14	11.14	0	ANNUAL	LINE	5
610644.43	4206596.03	0.40397	11.01	11.01	0	ANNUAL	LINE	5
610651.43	4206596.03	0.40281	10.88	10.88	0	ANNUAL	LINE	5
610658.43	4206596.03	0.40158	10.75	10.75	0	ANNUAL	LINE	5
610665.43	4206596.03	0.4003	10.63	10.63	0	ANNUAL	LINE	5
610672.43	4206596.03	0.39894	10.5	10.5	0	ANNUAL	LINE	5
610679.43	4206596.03	0.39751	10.37	10.37	0	ANNUAL	LINE	5
610686.43	4206596.03	0.39602	10.24	10.24	0	ANNUAL	LINE	5
610693.43	4206596.03	0.39447	10.11	10.11	0	ANNUAL	LINE	5
610700.43	4206596.03	0.39291	10	10	0	ANNUAL	LINE	5
610707.43	4206596.03	0.39131	10	10	0	ANNUAL	LINE	5
610714.43	4206596.03	0.38965	10	10	0	ANNUAL	LINE	5
610735.43	4206596.03	0.38421	10	10	0	ANNUAL	LINE	5
610742.43	4206596.03	0.38225	10	10	0	ANNUAL	LINE	5
610749.43	4206596.03	0.38021	10	10	0	ANNUAL	LINE	5
610756.43	4206596.03	0.37808	10	10	0	ANNUAL	LINE	5
610763.43	4206596.03	0.37587	10	10	0	ANNUAL	LINE	5
610770.43	4206596.03	0.37356	10	10	0	ANNUAL	LINE	5
610777.43	4206596.03	0.37114	9.94	9.94	0	ANNUAL	LINE	5
610784.43	4206596.03	0.36861	9.84	9.84	0	ANNUAL	LINE	5
610791.43	4206596.03	0.36598	9.74	9.74	0	ANNUAL	LINE	5
610798.43	4206596.03	0.36325	9.65	9.65	0	ANNUAL	LINE	5
610805.43	4206596.03	0.3604	9.55	9.55	0	ANNUAL	LINE	5
610812.43	4206596.03	0.35744	9.46	9.46	0	ANNUAL	LINE	5
610819.43	4206596.03	0.35436	9.36	9.36	0	ANNUAL	LINE	5
610826.43	4206596.03	0.35117	9.27	9.27	0	ANNUAL	LINE	5
610833.43	4206596.03	0.34786	9.17	9.17	0	ANNUAL	LINE	5
610840.43	4206596.03	0.34443	9.08	9.08	0	ANNUAL	LINE	5
610847.43	4206596.03	0.3409	8.99	8.99	0	ANNUAL	LINE	5
610854.43	4206596.03	0.33726	8.92	8.92	0	ANNUAL	LINE	5
610861.43	4206596.03	0.33351	8.85	8.85	0	ANNUAL	LINE	5
610868.43	4206596.03	0.32967	8.79	8.79	0	ANNUAL	LINE	5
610875.43	4206596.03	0.32573	8.72	8.72	0	ANNUAL	LINE	5
610882.43	4206596.03	0.32172	8.66	8.66	0	ANNUAL	LINE	5
610889.43	4206596.03	0.31762	8.59	8.59	0	ANNUAL	LINE	5
610910.43	4206596.03	0.30495	8.39	8.39	0	ANNUAL	LINE	5
610917.43	4206596.03	0.30062	8.32	8.32	0	ANNUAL	LINE	5
610924.43	4206596.03	0.29625	8.28	8.28	0	ANNUAL	LINE	5
610931.43	4206596.03	0.29186	8.25	8.25	0	ANNUAL	LINE	5
610938.43	4206596.03	0.28744	8.22	8.22	0	ANNUAL	LINE	5
610945.43	4206596.03	0.283	8.19	8.19	0	ANNUAL	LINE	5
610952.43	4206596.03	0.27856	8.16	8.16	0	ANNUAL	LINE	5
610959.43	4206596.03	0.2741	8.13	8.13	0	ANNUAL	LINE	5
610966.43	4206596.03	0.26965	8.1	8.1	0	ANNUAL	LINE	5
610973.43	4206596.03	0.26521	8.08	8.08	0	ANNUAL	LINE	5
610994.43	4206596.03	0.25199	7.99	7.99	0	ANNUAL	LINE	5
611001.43	4206596.03	0.24762	7.96	7.96	0	ANNUAL	LINE	5
611008.43	4206596.03	0.2433	7.94	7.94	0	ANNUAL	LINE	5
611015.43	4206596.03	0.239	7.91	7.91	0	ANNUAL	LINE	5
611022.43	4206596.03	0.23475	7.88	7.88	0	ANNUAL	LINE	5
611029.43	4206596.03	0.23053	7.85	7.85	0	ANNUAL	LINE	5
611036.43	4206596.03	0.22637	7.83	7.83	0	ANNUAL	LINE	5
611043.43	4206596.03	0.22225	7.8	7.8	0	ANNUAL	LINE	5
611050.43	4206596.03	0.21818	7.77	7.77	0	ANNUAL	LINE	5
611057.43	4206596.03	0.21416	7.75	7.75	0	ANNUAL	LINE	5
611078.43	4206596.03	0.20244	7.72	7.72	0	ANNUAL	LINE	5
611085.43	4206596.03	0.19865	7.72	7.72	0	ANNUAL	LINE	5

611092.43	4206596.03	0.19491	7.72	7.72	0	ANNUAL	LINE	5
610294.43	4206603.03	0.35972	10.47	10.47	0	ANNUAL	LINE	5
610301.43	4206603.03	0.36167	10.56	10.56	0	ANNUAL	LINE	5
610308.43	4206603.03	0.36357	10.66	10.66	0	ANNUAL	LINE	5
610315.43	4206603.03	0.36543	10.75	10.75	0	ANNUAL	LINE	5
610322.43	4206603.03	0.36725	10.85	10.85	0	ANNUAL	LINE	5
610329.43	4206603.03	0.36903	10.94	10.94	0	ANNUAL	LINE	5
610336.43	4206603.03	0.37075	11.04	11.04	0	ANNUAL	LINE	5
610343.43	4206603.03	0.37245	11.13	11.13	0	ANNUAL	LINE	5
610350.43	4206603.03	0.37407	11.23	11.23	0	ANNUAL	LINE	5
610357.43	4206603.03	0.37562	11.33	11.33	0	ANNUAL	LINE	5
610364.43	4206603.03	0.3771	11.42	11.42	0	ANNUAL	LINE	5
610371.43	4206603.03	0.3785	11.52	11.52	0	ANNUAL	LINE	5
610378.43	4206603.03	0.37986	11.61	11.61	0	ANNUAL	LINE	5
610385.43	4206603.03	0.38115	11.71	11.71	0	ANNUAL	LINE	5
610392.43	4206603.03	0.3824	11.8	11.8	0	ANNUAL	LINE	5
610399.43	4206603.03	0.38359	11.9	11.9	0	ANNUAL	LINE	5
610406.43	4206603.03	0.38473	12	12	0	ANNUAL	LINE	5
610413.43	4206603.03	0.38803	11.96	11.96	0	ANNUAL	LINE	5
610420.43	4206603.03	0.38724	11.92	11.92	0	ANNUAL	LINE	5
610427.43	4206603.03	0.38839	11.87	11.87	0	ANNUAL	LINE	5
610434.43	4206603.03	0.38946	11.83	11.83	0	ANNUAL	LINE	5
610441.43	4206603.03	0.39045	11.79	11.79	0	ANNUAL	LINE	5
610448.43	4206603.03	0.39136	11.74	11.74	0	ANNUAL	LINE	5
610455.43	4206603.03	0.3922	11.7	11.7	0	ANNUAL	LINE	5
610462.43	4206603.03	0.39295	11.66	11.66	0	ANNUAL	LINE	5
610469.43	4206603.03	0.39363	11.62	11.62	0	ANNUAL	LINE	5
610497.43	4206603.03	0.39576	11.66	11.66	0	ANNUAL	LINE	5
610504.43	4206603.03	0.39617	11.71	11.71	0	ANNUAL	LINE	5
610511.43	4206603.03	0.39652	11.75	11.75	0	ANNUAL	LINE	5
610518.43	4206603.03	0.39681	11.79	11.79	0	ANNUAL	LINE	5
610525.43	4206603.03	0.39705	11.83	11.83	0	ANNUAL	LINE	5
610532.43	4206603.03	0.39724	11.88	11.88	0	ANNUAL	LINE	5
610539.43	4206603.03	0.39736	11.92	11.92	0	ANNUAL	LINE	5
610546.43	4206603.03	0.39743	11.96	11.96	0	ANNUAL	LINE	5
610553.43	4206603.03	0.39744	12	12	0	ANNUAL	LINE	5
610560.43	4206603.03	0.39733	11.94	11.94	0	ANNUAL	LINE	5
610567.43	4206603.03	0.39716	11.89	11.89	0	ANNUAL	LINE	5
610574.43	4206603.03	0.39691	11.83	11.83	0	ANNUAL	LINE	5
610581.43	4206603.03	0.39661	11.78	11.78	0	ANNUAL	LINE	5
610588.43	4206603.03	0.39623	11.72	11.72	0	ANNUAL	LINE	5
610595.43	4206603.03	0.3958	11.67	11.67	0	ANNUAL	LINE	5
610602.43	4206603.03	0.39529	11.61	11.61	0	ANNUAL	LINE	5
610609.43	4206603.03	0.39473	11.56	11.56	0	ANNUAL	LINE	5
610616.43	4206603.03	0.39408	11.5	11.5	0	ANNUAL	LINE	5
610623.43	4206603.03	0.39338	11.45	11.45	0	ANNUAL	LINE	5
610630.43	4206603.03	0.39254	11.34	11.34	0	ANNUAL	LINE	5
610637.43	4206603.03	0.3916	11.2	11.2	0	ANNUAL	LINE	5
610644.43	4206603.03	0.39061	11.07	11.07	0	ANNUAL	LINE	5
610651.43	4206603.03	0.38955	10.93	10.93	0	ANNUAL	LINE	5
610658.43	4206603.03	0.38842	10.79	10.79	0	ANNUAL	LINE	5
610665.43	4206603.03	0.38724	10.66	10.66	0	ANNUAL	LINE	5
610672.43	4206603.03	0.38598	10.52	10.52	0	ANNUAL	LINE	5
610679.43	4206603.03	0.38468	10.39	10.39	0	ANNUAL	LINE	5
610686.43	4206603.03	0.38331	10.25	10.25	0	ANNUAL	LINE	5
610693.43	4206603.03	0.38189	10.12	10.12	0	ANNUAL	LINE	5
610700.43	4206603.03	0.38046	10	10	0	ANNUAL	LINE	5
610707.43	4206603.03	0.379	10	10	0	ANNUAL	LINE	5
610714.43	4206603.03	0.37748	10	10	0	ANNUAL	LINE	5
610735.43	4206603.03	0.37252	10	10	0	ANNUAL	LINE	5
610742.43	4206603.03	0.37073	10	10	0	ANNUAL	LINE	5
610749.43	4206603.03	0.36886	10	10	0	ANNUAL	LINE	5
610756.43	4206603.03	0.36692	10	10	0	ANNUAL	LINE	5
610763.43	4206603.03	0.36489	10	10	0	ANNUAL	LINE	5
610770.43	4206603.03	0.36279	10	10	0	ANNUAL	LINE	5
610777.43	4206603.03	0.36057	9.93	9.93	0	ANNUAL	LINE	5
610784.43	4206603.03	0.35826	9.84	9.84	0	ANNUAL	LINE	5
610791.43	4206603.03	0.35586	9.74	9.74	0	ANNUAL	LINE	5
610798.43	4206603.03	0.35336	9.65	9.65	0	ANNUAL	LINE	5
610805.43	4206603.03	0.35076	9.55	9.55	0	ANNUAL	LINE	5
610812.43	4206603.03	0.34805	9.46	9.46	0	ANNUAL	LINE	5
610819.43	4206603.03	0.34523	9.36	9.36	0	ANNUAL	LINE	5
610826.43	4206603.03	0.34231	9.27	9.27	0	ANNUAL	LINE	5
610833.43	4206603.03	0.33927	9.17	9.17	0	ANNUAL	LINE	5
610840.43	4206603.03	0.33613	9.07	9.07	0	ANNUAL	LINE	5
610847.43	4206603.03	0.33288	8.99	8.99	0	ANNUAL	LINE	5
610854.43	4206603.03	0.32953	8.93	8.93	0	ANNUAL	LINE	5
610861.43	4206603.03	0.32608	8.87	8.87	0	ANNUAL	LINE	5
610868.43	4206603.03	0.32253	8.81	8.81	0	ANNUAL	LINE	5
610875.43	4206603.03	0.3189	8.75	8.75	0	ANNUAL	LINE	5
610882.43	4206603.03	0.31518	8.69	8.69	0	ANNUAL	LINE	5
610889.43	4206603.03	0.31138	8.63	8.63	0	ANNUAL	LINE	5
610910.43	4206603.03	0.29958	8.45	8.45	0	ANNUAL	LINE	5
610917.43	4206603.03	0.29553	8.39	8.39	0	ANNUAL	LINE	5
610924.43	4206603.03	0.29144	8.35	8.35	0	ANNUAL	LINE	5
610931.43	4206603.03	0.28732	8.31	8.31	0	ANNUAL	LINE	5
610938.43	4206603.03	0.28317	8.28	8.28	0	ANNUAL	LINE	5
610945.43	4206603.03	0.27899	8.24	8.24	0	ANNUAL	LINE	5
610952.43	4206603.03	0.27479	8.2	8.2	0	ANNUAL	LINE	5
610959.43	4206603.03	0.27059	8.17	8.17	0	ANNUAL	LINE	5
610966.43	4206603.03	0.26637	8.13	8.13	0	ANNUAL	LINE	5
610973.43	4206603.03	0.26216	8.1	8.1	0	ANNUAL	LINE	5
610994.43	4206603.03	0.24958	7.99	7.99	0	ANNUAL	LINE	5
611001.43	4206603.03	0.24542	7.95	7.95	0	ANNUAL	LINE	5
611008.43	4206603.03	0.24128	7.92	7.92	0	ANNUAL	LINE	5
611015.43	4206603.03	0.23717	7.88	7.88	0	ANNUAL	LINE	5
611022.43	4206603.03	0.23309	7.85	7.85	0	ANNUAL	LINE	5
611029.43	4206603.03	0.22905	7.82	7.82	0	ANNUAL	LINE	5
611036.43	4206603.03	0.22504	7.78	7.78	0	ANNUAL	LINE	5
611043.43	4206603.03	0.22107	7.75	7.75	0	ANNUAL	LINE	5
611050.43	4206603.03	0.21715	7.71	7.71	0	ANNUAL	LINE	5
611057.43	4206603.03	0.21327	7.68	7.68	0	ANNUAL	LINE	5
611078.43	4206603.03	0.20192	7.64	7.64	0	ANNUAL	LINE	5
611085.43	4206603.03	0.19824	7.65	7.65	0	ANNUAL	LINE	5
611092.43	4206603.03	0.19462	7.65	7.65	0	ANNUAL	LINE	5
610294.43	4206610.03	0.34507	10.47	10.47	0	ANNUAL	LINE	5
610301.43	4206610.03	0.34699	10.56	10.56	0	ANNUAL	LINE	5
610308.43	4206610.03	0.34887	10.66	10.66	0	ANNUAL	LINE	5
610315.43	4206610.03	0.35072	10.75	10.75	0	ANNUAL	LINE	5
610322.43	4206610.03	0.35251	10.85	10.85	0	ANNUAL	LINE	5
610329.43	4206610.03	0.35428	10.94	10.94	0	ANNUAL	LINE	5
610336.43	4206610.03	0.35599	11.04	11.04	0	ANNUAL	LINE	5
610343.43	4206610.03	0.35766	11.14	11.14	0	ANNUAL	LINE	5
610350.43	4206610.03	0.35928	11.23	11.23	0	ANNUAL	LINE	5
610357.43	4206610.03	0.36082	11.33	11.33	0	ANNUAL	LINE	5
610364.43	4206610.03	0.36231	11.42	11.42	0	ANNUAL	LINE	5
610371.43	4206610.03	0.3637	11.52	11.52	0	ANNUAL	LINE	5
610378.43	4206610.03	0.36507	11.61	11.61	0	ANNUAL	LINE	5
610385.43	4206610.03	0.36636	11.71	11.71	0	ANNUAL	LINE	5
610392.43	4206610.03	0.36761	11.81	11.81	0	ANNUAL	LINE	5
610399.43	4206610.03	0.36882	11.9	11.9	0	ANNUAL	LINE	5
610406.43	4206610.03	0.36997	12	12	0	ANNUAL	LINE	5
610413.43	4206610.03	0.37129	11.95	11.95	0	ANNUAL	LINE	5
610420.43	4206610.03	0.37253	11.9	11.9	0	ANNUAL	LINE	5
610427.43	4206610.03	0.3737	11.85	11.85	0	ANNUAL	LINE	5
610434.43	4206610.03	0.37479	11.8	11.8	0	ANNUAL	LINE	5
610441.43	4206610.03	0.37581	11.75	11.75	0	ANNUAL	LINE	5
610448.43	4206610.03	0.37675	11.7	11.7	0	ANNUAL	LINE	5
610455.43	4206610.03	0.37762	11.65	11.65	0	ANNUAL	LINE	5
610462.43	4206610.03	0.37841	11.6	11.6	0	ANNUAL	LINE	5
610469.43	4206610.03	0.37912	11.55	11.55	0	ANNUAL	LINE	5
610497.43	4206610.03	0.3814	11.61	11.61	0	ANNUAL	LINE	5
610504.43	4206610.03	0.38185	11.66	11.66	0	ANNUAL	LINE	5
610511.43	4206610.03	0.38225	11.71	11.71	0	ANNUAL	LINE	5
610518.43	4206610.03	0.38259	11.76	11.76	0	ANNUAL	LINE	5
610525.43	4206610.03	0.38288	11.81	11.81	0	ANNUAL	LINE	5
610532.43	4206610.03	0.38312	11.86	11.86	0	ANNUAL	LINE	5
610539.43	4206610.03	0.38331	11.91	11.91	0	ANNUAL	LINE	5
610546.43	4206610.03	0.38344	11.95	11.95	0	ANNUAL	LINE	5
610553.43	4206610.03	0.38351	12	12	0	ANNUAL	LINE	5
610560.43	4206610.03	0.38349	11.95	11.95	0	ANNUAL	LINE	5
610567.43	4206610.03	0.38339	11.9	11.9	0	ANNUAL	LINE	5
610574.43	4206610.03	0.38324	11.86	11.86	0	ANNUAL	LINE	5
610581.43	4206610.03	0.38302	11.81	11.81	0	ANNUAL	LINE	5
610588.43	4206610.03	0.38273	11.76	11.76	0	ANNUAL	LINE	5
610595.43	4206610.03	0.38239	11.71	11.71	0	ANNUAL	LINE	5
610602.43	4206610.03	0.38198	11.66	11.66	0	ANNUAL	LINE	5
610609.43	4206610.03	0.3815	11.61	11.61	0	ANNUAL	LINE	5
610616.43	4206610.03	0.38097	11.57	11.57	0	ANNUAL	LINE	5
610623.43	4206610.03	0.38036	11.52	11.52	0	ANNUAL	LINE	5
610630.43	4206610.03	0.37961	11.41	11.41	0	ANNUAL	LINE	5
610637.43	4206610.03	0.37877	11.27	11.27	0	ANNUAL	LINE	5
610644.43	4206610.03	0.37785	11.12	11.12	0	ANNUAL	LINE	5
610651.43	4206610.03	0.37689	10.98	10.98	0	ANNUAL	LINE	5
610658.43	4206610.03	0.37586	10.84	10.84	0	ANNUAL	LINE	5
610665.43	4206610.03	0.37477	10.69	10.69	0	ANNUAL	LINE	5
610672.43	4206610.03	0.37363	10.55	10.55	0	ANNUAL	LINE	5
610679.43	4206610.03	0.37243	10.41	10.41	0	ANNUAL	LINE	5
610686.43	4206610.03	0.37116	10.26	10.26	0	ANNUAL	LINE	5
610693.43	4206610.03	0.36986	10.12	10.12	0	ANNUAL	LINE	5
610700.43	4206610.03	0.36856	10	10	0	ANNUAL	LINE	5
610707.43	4206610.03	0.36723	10	10	0	ANNUAL	LINE	5
610714.43	4206610.03	0.36585	10	10	0	ANNUAL	LINE	5
610735.43	4206610.03	0.36132	10	10	0	ANNUAL	LINE	5
610742.43	4206610.03	0.35968	10	10	0	ANNUAL	LINE	5
610749.43	4206610.03	0.35797	10	10	0	ANNUAL	LINE	5
610756.43	4206610.03	0.3562	10	10	0	ANNUAL	LINE	5
610763.43	4206610.03	0.35435	10	10	0	ANNUAL	LINE	5
610770.43	4206610.03	0.35242	10	10	0	ANNUAL	LINE	5
610777.43	4206610.03	0.35039	9.93	9.93	0	ANNUAL	LINE	5
610784.43	4206610.03	0.34828	9.84	9.84	0	ANNUAL	LINE	5
610791.43	4206610.03	0.34608	9.74	9.74	0	ANNUAL	LINE	5
610798.43	4206610.03	0.3438	9.65	9.65	0	ANNUAL	LINE	5
610805.43	4206610.03	0.34142	9.55	9.55	0	ANNUAL	LINE	5
610812.43	4206610.03	0.33894	9.46	9.46	0	ANNUAL	LINE	5
610819.43	4206610.03	0.33636	9.36	9.36	0	ANNUAL	LINE	5
610826.43	4206610.03	0.33368	9.26	9.26	0	ANNUAL	LINE	5
610833.43	4206610.03	0.3309	9.17	9.17	0	ANNUAL	LINE	5
610840.43	4206610.03	0.32801	9.07	9.07	0	ANNUAL	LINE	5
610847.43	4206610.03	0.32502	8.99	8.99	0	ANNUAL	LINE	5
610854.43	4206610.03	0.32194	8.94	8.94	0	ANNUAL	LINE	5
610861.43	4206610.03	0.31876	8.88	8.88	0	ANNUAL	LINE	5
610868.43	4206610.03	0.31549	8.83	8.83	0	ANNUAL	LINE	5
610875.43	4206610.03	0.31213	8.78	8.78	0	ANNUAL	LINE	5
610882.43	4206610.03	0.30869	8.73	8.73	0	ANNUAL	LINE	5
610889.43	4206610.03	0.30517	8.68	8.68	0	ANNUAL	LINE	5
610910.43	4206610.03	0.29419	8.52	8.52	0	ANNUAL	LINE	5
610917.43	4206610.03	0.29041	8.47	8.47	0	ANNUAL	LINE	5
610924.43	4206610.03	0.28658	8.42	8.42	0	ANNUAL	LINE	5
610931.43	4206610.03	0.28272	8.38	8.38	0	ANNUAL	LINE	5
610938.43	4206610.03	0.27882	8.33	8.33	0	ANNUAL	LINE	5
610945.43	4206610.03	0.27489	8.29	8.29	0	ANNUAL	LINE	5
610952.43	4206610.03	0.27093	8.24	8.24	0	ANNUAL	LINE	5
610959.43	4206610.03	0.26696	8.2	8.2	0	ANNUAL	LINE	5
610966.43	4206610.03	0.26298	8.16	8.16	0	ANNUAL	LINE	5
610973.43	4206610.03	0.25899	8.11	8.11	0	ANNUAL	LINE	5
610994.43	4206610.03	0.24703	7.99	7.99	0	ANNUAL	LINE	5
611001.43	4206610.03	0.24307	7.94	7.94	0	ANNUAL	LINE	5
611008.43	4206610.03	0.23912	7.9	7.9	0	ANNUAL	LINE	5
611015.43	4206610.03	0.23519	7.86	7.86	0	ANNUAL	LINE	5
611022.43	4206610.03	0.23128	7.82	7.82	0	ANNUAL	LINE	5
611029.43	4206610.03	0.2274	7.78	7.78	0	ANNUAL	LINE	5
611036.43	4206610.03	0.22355	7.73	7.73	0	ANNUAL	LINE	5
611043.43	4206610.03	0.21974	7.69	7.69	0	ANNUAL	LINE	5
611050.43	4206610.03	0.21596	7.65	7.65	0	ANNUAL	LINE	5
611057.43	4206610.03	0.21222	7.61	7.61	0	ANNUAL	LINE	5
611078.43	4206610.03	0.20125	7.57	7.57	0	ANNUAL	LINE	5
611085.43	4206610.03	0.19769	7.57	7.57	0	ANNUAL	LINE	5
611092.43	4206610.03	0.19417	7.57	7.57	0	ANNUAL	LINE	5
610294.43	4206617.03	0.33114	10.47	10.47	0	ANNUAL	LINE	5
610301.43	4206617.03	0.33304	10.56	10.56	0	ANNUAL	LINE	5

610308.43	4206617.03	0.3349	10.66	10.66	0	ANNUAL	LINE	5
610315.43	4206617.03	0.33673	10.75	10.75	0	ANNUAL	LINE	5
610322.43	4206617.03	0.3385	10.85	10.85	0	ANNUAL	LINE	5
610329.43	4206617.03	0.34024	10.95	10.95	0	ANNUAL	LINE	5
610336.43	4206617.03	0.34195	11.04	11.04	0	ANNUAL	LINE	5
610343.43	4206617.03	0.3436	11.14	11.14	0	ANNUAL	LINE	5
610350.43	4206617.03	0.34521	11.23	11.23	0	ANNUAL	LINE	5
610357.43	4206617.03	0.34675	11.33	11.33	0	ANNUAL	LINE	5
610364.43	4206617.03	0.34823	11.42	11.42	0	ANNUAL	LINE	5
610371.43	4206617.03	0.34962	11.52	11.52	0	ANNUAL	LINE	5
610378.43	4206617.03	0.35097	11.62	11.62	0	ANNUAL	LINE	5
610385.43	4206617.03	0.35229	11.71	11.71	0	ANNUAL	LINE	5
610392.43	4206617.03	0.35354	11.81	11.81	0	ANNUAL	LINE	5
610399.43	4206617.03	0.35476	11.9	11.9	0	ANNUAL	LINE	5
610406.43	4206617.03	0.35591	12	12	0	ANNUAL	LINE	5
610413.43	4206617.03	0.35725	11.94	11.94	0	ANNUAL	LINE	5
610420.43	4206617.03	0.35851	11.89	11.89	0	ANNUAL	LINE	5
610427.43	4206617.03	0.35971	11.83	11.83	0	ANNUAL	LINE	5
610434.43	4206617.03	0.36083	11.77	11.77	0	ANNUAL	LINE	5
610441.43	4206617.03	0.36188	11.71	11.71	0	ANNUAL	LINE	5
610448.43	4206617.03	0.36284	11.66	11.66	0	ANNUAL	LINE	5
610455.43	4206617.03	0.36374	11.6	11.6	0	ANNUAL	LINE	5
610462.43	4206617.03	0.36455	11.54	11.54	0	ANNUAL	LINE	5
610469.43	4206617.03	0.36529	11.49	11.49	0	ANNUAL	LINE	5
610497.43	4206617.03	0.36771	11.55	11.55	0	ANNUAL	LINE	5
610504.43	4206617.03	0.3682	11.61	11.61	0	ANNUAL	LINE	5
610511.43	4206617.03	0.36864	11.67	11.67	0	ANNUAL	LINE	5
610518.43	4206617.03	0.36903	11.72	11.72	0	ANNUAL	LINE	5
610525.43	4206617.03	0.36938	11.78	11.78	0	ANNUAL	LINE	5
610532.43	4206617.03	0.36967	11.84	11.84	0	ANNUAL	LINE	5
610539.43	4206617.03	0.3699	11.89	11.89	0	ANNUAL	LINE	5
610546.43	4206617.03	0.37009	11.95	11.95	0	ANNUAL	LINE	5
610553.43	4206617.03	0.37023	12	12	0	ANNUAL	LINE	5
610560.43	4206617.03	0.37027	11.96	11.96	0	ANNUAL	LINE	5
610567.43	4206617.03	0.37026	11.92	11.92	0	ANNUAL	LINE	5
610574.43	4206617.03	0.37018	11.88	11.88	0	ANNUAL	LINE	5
610581.43	4206617.03	0.37004	11.84	11.84	0	ANNUAL	LINE	5
610588.43	4206617.03	0.36984	11.8	11.8	0	ANNUAL	LINE	5
610595.43	4206617.03	0.36958	11.75	11.75	0	ANNUAL	LINE	5
610602.43	4206617.03	0.36925	11.71	11.71	0	ANNUAL	LINE	5
610609.43	4206617.03	0.36887	11.67	11.67	0	ANNUAL	LINE	5
610616.43	4206617.03	0.36842	11.63	11.63	0	ANNUAL	LINE	5
610623.43	4206617.03	0.36791	11.59	11.59	0	ANNUAL	LINE	5
610630.43	4206617.03	0.36726	11.48	11.48	0	ANNUAL	LINE	5
610637.43	4206617.03	0.3665	11.33	11.33	0	ANNUAL	LINE	5
610644.43	4206617.03	0.36568	11.18	11.18	0	ANNUAL	LINE	5
610651.43	4206617.03	0.36479	11.03	11.03	0	ANNUAL	LINE	5
610658.43	4206617.03	0.36385	10.88	10.88	0	ANNUAL	LINE	5
610665.43	4206617.03	0.36286	10.73	10.73	0	ANNUAL	LINE	5
610672.43	4206617.03	0.3618	10.57	10.57	0	ANNUAL	LINE	5
610679.43	4206617.03	0.3607	10.42	10.42	0	ANNUAL	LINE	5
610686.43	4206617.03	0.35955	10.27	10.27	0	ANNUAL	LINE	5
610693.43	4206617.03	0.35836	10.12	10.12	0	ANNUAL	LINE	5
610700.43	4206617.03	0.35717	10	10	0	ANNUAL	LINE	5
610707.43	4206617.03	0.35596	10	10	0	ANNUAL	LINE	5
610714.43	4206617.03	0.3547	10	10	0	ANNUAL	LINE	5
610735.43	4206617.03	0.35057	10	10	0	ANNUAL	LINE	5
610742.43	4206617.03	0.34907	10	10	0	ANNUAL	LINE	5
610749.43	4206617.03	0.34751	10	10	0	ANNUAL	LINE	5
610756.43	4206617.03	0.34589	10	10	0	ANNUAL	LINE	5
610763.43	4206617.03	0.3442	10	10	0	ANNUAL	LINE	5
610770.43	4206617.03	0.34244	10	10	0	ANNUAL	LINE	5
610777.43	4206617.03	0.34059	9.93	9.93	0	ANNUAL	LINE	5
610784.43	4206617.03	0.33865	9.84	9.84	0	ANNUAL	LINE	5
610791.43	4206617.03	0.33664	9.74	9.74	0	ANNUAL	LINE	5
610798.43	4206617.03	0.33455	9.65	9.65	0	ANNUAL	LINE	5
610805.43	4206617.03	0.33237	9.55	9.55	0	ANNUAL	LINE	5
610812.43	4206617.03	0.3301	9.45	9.45	0	ANNUAL	LINE	5
610819.43	4206617.03	0.32774	9.36	9.36	0	ANNUAL	LINE	5
610826.43	4206617.03	0.32528	9.26	9.26	0	ANNUAL	LINE	5
610833.43	4206617.03	0.32273	9.17	9.17	0	ANNUAL	LINE	5
610840.43	4206617.03	0.32008	9.07	9.07	0	ANNUAL	LINE	5
610847.43	4206617.03	0.31734	8.99	8.99	0	ANNUAL	LINE	5
610854.43	4206617.03	0.3145	8.94	8.94	0	ANNUAL	LINE	5
610861.43	4206617.03	0.31158	8.9	8.9	0	ANNUAL	LINE	5
610868.43	4206617.03	0.30856	8.86	8.86	0	ANNUAL	LINE	5
610875.43	4206617.03	0.30545	8.81	8.81	0	ANNUAL	LINE	5
610882.43	4206617.03	0.30227	8.77	8.77	0	ANNUAL	LINE	5
610889.43	4206617.03	0.299	8.72	8.72	0	ANNUAL	LINE	5
610910.43	4206617.03	0.28879	8.59	8.59	0	ANNUAL	LINE	5
610917.43	4206617.03	0.28527	8.54	8.54	0	ANNUAL	LINE	5
610924.43	4206617.03	0.28169	8.49	8.49	0	ANNUAL	LINE	5
610931.43	4206617.03	0.27807	8.44	8.44	0	ANNUAL	LINE	5
610938.43	4206617.03	0.27441	8.39	8.39	0	ANNUAL	LINE	5
610945.43	4206617.03	0.27071	8.34	8.34	0	ANNUAL	LINE	5
610952.43	4206617.03	0.26699	8.28	8.28	0	ANNUAL	LINE	5
610959.43	4206617.03	0.26325	8.23	8.23	0	ANNUAL	LINE	5
610966.43	4206617.03	0.25948	8.18	8.18	0	ANNUAL	LINE	5
610973.43	4206617.03	0.25573	8.13	8.13	0	ANNUAL	LINE	5
610994.43	4206617.03	0.24436	7.98	7.98	0	ANNUAL	LINE	5
611001.43	4206617.03	0.24058	7.93	7.93	0	ANNUAL	LINE	5
611008.43	4206617.03	0.23682	7.88	7.88	0	ANNUAL	LINE	5
611015.43	4206617.03	0.23306	7.83	7.83	0	ANNUAL	LINE	5
611022.43	4206617.03	0.22933	7.79	7.79	0	ANNUAL	LINE	5
611029.43	4206617.03	0.22561	7.74	7.74	0	ANNUAL	LINE	5
611036.43	4206617.03	0.22192	7.69	7.69	0	ANNUAL	LINE	5
611043.43	4206617.03	0.21826	7.64	7.64	0	ANNUAL	LINE	5
611050.43	4206617.03	0.21462	7.59	7.59	0	ANNUAL	LINE	5
611057.43	4206617.03	0.21102	7.54	7.54	0	ANNUAL	LINE	5
611078.43	4206617.03	0.20043	7.49	7.49	0	ANNUAL	LINE	5
611085.43	4206617.03	0.19698	7.49	7.49	0	ANNUAL	LINE	5
611092.43	4206617.03	0.19357	7.49	7.49	0	ANNUAL	LINE	5
610047.65	4206286.3	4.82044	9.92	9.92	0	ANNUAL	LINE	5
610039.73	4206286.73	4.91716	9.85	9.85	0	ANNUAL	LINE	5
610043.53	4206284.3	4.49113	9.92	9.92	0	ANNUAL	LINE	5
610039.41	4206281.55	4.09589	9.89	9.89	0	ANNUAL	LINE	5
610047.33	4206280.92	3.9966	9.98	9.98	0	ANNUAL	LINE	5
610056.94	4206274.55	3.28196	10.09	10.09	0	ANNUAL	LINE	5
610016.6	4206276.59	3.54091	9.65	9.65	0	ANNUAL	LINE	5
610010.58	4206276.91	3.58262	9.56	9.56	0	ANNUAL	LINE	5
609990.09	4206276.91	3.60158	9.28	9.28	0	ANNUAL	LINE	5
609997.17	4206277.12	3.61814	9.37	9.37	0	ANNUAL	LINE	5
610003.29	4206276.8	3.57801	9.46	9.46	0	ANNUAL	LINE	5
610016.87	4206272.41	3.13993	9.76	9.76	0	ANNUAL	LINE	5
610010.86	4206272.72	3.17461	9.68	9.68	0	ANNUAL	LINE	5
609990.37	4206272.72	3.19295	9.4	9.4	0	ANNUAL	LINE	5
609997.44	4206272.93	3.20651	9.49	9.49	0	ANNUAL	LINE	5
610003.57	4206272.62	3.17417	9.58	9.58	0	ANNUAL	LINE	5
610016.77	4206267.65	2.76913	9.88	9.88	0	ANNUAL	LINE	5
610010.75	4206267.97	2.79893	9.8	9.8	0	ANNUAL	LINE	5
609990.26	4206267.97	2.81885	9.54	9.54	0	ANNUAL	LINE	5
609997.34	4206268.18	2.82831	9.63	9.63	0	ANNUAL	LINE	5
610003.46	4206267.87	2.80027	9.71	9.71	0	ANNUAL	LINE	5
610053.21	4206274.91	3.31869	10.08	10.08	0	ANNUAL	LINE	5
610060.84	4206274.45	3.27033	10.09	10.09	0	ANNUAL	LINE	5
610056.81	4206270.86	2.96553	10.16	10.16	0	ANNUAL	LINE	5
610053.08	4206271.22	2.99567	10.15	10.15	0	ANNUAL	LINE	5
610060.71	4206270.76	2.95618	10.16	10.16	0	ANNUAL	LINE	5
610056.43	4206267.19	2.70182	10.23	10.23	0	ANNUAL	LINE	5
610052.7	4206267.55	2.72687	10.23	10.23	0	ANNUAL	LINE	5
610060.33	4206267.1	2.69455	10.23	10.23	0	ANNUAL	LINE	5
610056.05	4206263.23	2.46046	10.31	10.31	0	ANNUAL	LINE	5
610052.32	4206263.59	2.4816	10.31	10.31	0	ANNUAL	LINE	5
610059.95	4206263.13	2.45378	10.31	10.31	0	ANNUAL	LINE	5
609925.72	4206285.31	4.86992	9.58	9.58	0	ANNUAL	LINE	5
609918.48	4206285.06	4.83456	9.67	9.67	0	ANNUAL	LINE	5
609939	4206285.67	4.91556	9.41	9.41	0	ANNUAL	LINE	5
609932.14	4206285.33	4.86387	9.5	9.5	0	ANNUAL	LINE	5
609926.48	4206290.44	5.97461	9.53	9.53	0	ANNUAL	LINE	5
609919.24	4206290.19	5.92747	9.62	9.62	0	ANNUAL	LINE	5
609939.76	4206290.8	6.03419	9.37	9.37	0	ANNUAL	LINE	5
609932.9	4206290.46	5.96528	9.46	9.46	0	ANNUAL	LINE	5
609921.43	4206281.32	4.22544	9.66	9.66	0	ANNUAL	LINE	5
609920.74	4206293.38	6.79956	9.57	9.57	0	ANNUAL	LINE	5
609896.52	4206280.85	4.17878	10.02	10.02	0	ANNUAL	LINE	5
609903.36	4206280.73	4.1564	9.9	9.9	0	ANNUAL	LINE	5
609887.95	4206283.34	4.57	10.22	10.22	0	ANNUAL	LINE	5
609887.82	4206278	3.81311	10.29	10.29	0	ANNUAL	LINE	5
609913.97	4206339.55	4.93272	9.25	9.25	0	ANNUAL	LINE	5
609908.27	4206339.66	4.88736	9.28	9.28	0	ANNUAL	LINE	5
609880.81	4206325.4	8.0913	9.95	9.95	0	ANNUAL	LINE	5
609873.42	4206326.35	7.72097	10.14	10.14	0	ANNUAL	LINE	5
609876.48	4206330.05	6.65783	10.01	10.01	0	ANNUAL	LINE	5
609879.23	4206335.33	5.49085	9.88	9.88	0	ANNUAL	LINE	5
609874.37	4206334.8	5.56894	10.02	10.02	0	ANNUAL	LINE	5
609706.71	4206240.52	1.38143	15.36	15.36	0	ANNUAL	LINE	5
609714.61	4206240.72	1.42015	15.25	15.25	0	ANNUAL	LINE	5
609688.36	4206319.93	5.22742	13.87	13.87	0	ANNUAL	LINE	5
609697.23	4206319.93	6.41552	13.75	13.75	0	ANNUAL	LINE	5
609706.1	4206319.93	7.21003	13.64	13.64	0	ANNUAL	LINE	5
609714.97	4206319.93	7.74479	13.52	13.52	0	ANNUAL	LINE	5
609723.84	4206319.93	8.12709	13.4	13.4	0	ANNUAL	LINE	5
609732.71	4206319.93	8.41496	13.28	13.28	0	ANNUAL	LINE	5
609741.58	4206319.93	8.64413	13.16	13.16	0	ANNUAL	LINE	5
609750.45	4206319.93	8.83586	13.04	13.04	0	ANNUAL	LINE	5
609759.32	4206319.93	8.97656	12.87	12.87	0	ANNUAL	LINE	5
609768.19	4206319.93	9.10682	12.69	12.69	0	ANNUAL	LINE	5
609777.06	4206319.93	9.23424	12.51	12.51	0	ANNUAL	LINE	5
609785.93	4206319.93	9.35461	12.33	12.33	0	ANNUAL	LINE	5
609794.8	4206319.93	9.46722	12.15	12.15	0	ANNUAL	LINE	5
609803.67	4206319.93	9.56602	11.96	11.96	0	ANNUAL	LINE	5
609812.54	4206319.93	9.66629	11.78	11.78	0	ANNUAL	LINE	5
609821.41	4206319.93	9.76013	11.6	11.6	0	ANNUAL	LINE	5
609830.28	4206319.93	9.82993	11.38	11.38	0	ANNUAL	LINE	5
609839.15	4206319.93	9.89278	11.14	11.14	0	ANNUAL	LINE	5
609848.02	4206319.93	9.96222	10.9	10.9	0	ANNUAL	LINE	5
609856.89	4206319.93	10.03258	10.66	10.66	0	ANNUAL	LINE	5
609688.36	4206326.9	3.33951	13.72	13.72	0	ANNUAL	LINE	5
609697.23	4206326.9	4.17699	13.6	13.6	0	ANNUAL	LINE	5
609706.1	4206326.9	4.8268	13.48	13.48	0	ANNUAL	LINE	5
609714.97	4206326.9	5.30719	13.36	13.36	0	ANNUAL	LINE	5
609723.84	4206326.9	5.66911	13.25	13.25	0	ANNUAL	LINE	5
609732.71	4206326.9	5.94539	13.13	13.13	0	ANNUAL	LINE	5
609741.58	4206326.9	6.16564	13.01	13.01	0	ANNUAL	LINE	5
609750.45	4206326.9	6.34778	12.89	12.89	0	ANNUAL	LINE	5
609759.32	4206326.9	6.49342	12.73	12.73	0	ANNUAL	LINE	5
609768.19	4206326.9	6.61748	12.55	12.55	0	ANNUAL	LINE	5
609777.06	4206326.9	6.73303	12.38	12.38	0	ANNUAL	LINE	5
609785.93	4206326.9	6.83894	12.21	12.21	0	ANNUAL	LINE	5
609794.8	4206326.9	6.93647	12.04	12.04	0	ANNUAL	LINE	5
609803.67	4206326.9	7.02392	11.86	11.86	0	ANNUAL	LINE	5
609812.54	4206326.9	7.10872	11.69	11.69	0	ANNUAL	LINE	5
609821.41	4206326.9	7.18964	11.52	11.52	0	ANNUAL	LINE	5
609830.28	4206326.9	7.2532	11.3	11.3	0	ANNUAL	LINE	5
609839.15	4206326.9	7.31158	11.06	11.06	0	ANNUAL	LINE	5
609848.02	4206326.9	7.37113	10.82	10.82	0	ANNUAL	LINE	5
609856.89	4206326.9	7.431	10.58	10.58	0	ANNUAL	LINE	5
609688.36	4206333.87	2.28564	13.57	13.57	0	ANNUAL	LINE	5
609697.23	4206333.87	2.84088	13.45	13.45	0	ANNUAL	LINE	5
609706.1	4206333.87	3.33428	13.33	13.33	0	ANNUAL	LINE	5
609714.97	4206333.87	3.73567	13.21	13.21	0	ANNUAL	LINE	5
609723.84	4206333.87	4.0541	13.09	13.09	0	ANNUAL	LINE	5
609732.71	4206333.87	4.30909	12.98	12.98	0	ANNUAL	LINE	5
609741.58	4206333.87	4.51504	12.86	12.86	0	ANNUAL	LINE	5
609750.45	4206333.87	4.68559	12.74	12.74	0	ANNUAL	LINE	5
609759.32	4206333.87	4.82521	12.58	12.58	0	ANNUAL	LINE	5
609768.19	4206333.87	4.94584	12.42	12.42	0	ANNUAL	LINE	5
609777.06	4206333.87	5.05233	12.26	12.26	0	ANNUAL	LINE	5
609785.93	4206333.87	5.14621	12.09	12.09	0	ANNUAL	LINE	5
609794.8	4206333.87	5.23231	11.93	11.93	0	ANNUAL	LINE	5
609803.67	4206333.87	5.31087	11.77	11.77	0	ANNUAL	LINE	5

609812.54	4206333.87	5.38145	11.6	11.6	0	ANNUAL	LINE	5
609821.41	4206333.87	5.44854	11.44	11.44	0	ANNUAL	LINE	5
609830.28	4206333.87	5.50615	11.23	11.23	0	ANNUAL	LINE	5
609839.15	4206333.87	5.55685	10.98	10.98	0	ANNUAL	LINE	5
609848.02	4206333.87	5.60767	10.74	10.74	0	ANNUAL	LINE	5
609856.89	4206333.87	5.65784	10.5	10.5	0	ANNUAL	LINE	5
609688.36	4206340.84	1.67672	13.42	13.42	0	ANNUAL	LINE	5
609697.23	4206340.84	2.04668	13.3	13.3	0	ANNUAL	LINE	5
609706.1	4206340.84	2.40946	13.18	13.18	0	ANNUAL	LINE	5
609714.97	4206340.84	2.73112	13.06	13.06	0	ANNUAL	LINE	5
609723.84	4206340.84	3.00281	12.94	12.94	0	ANNUAL	LINE	5
609732.71	4206340.84	3.22918	12.82	12.82	0	ANNUAL	LINE	5
609741.58	4206340.84	3.41804	12.7	12.7	0	ANNUAL	LINE	5
609750.45	4206340.84	3.5777	12.59	12.59	0	ANNUAL	LINE	5
609759.32	4206340.84	3.71125	12.44	12.44	0	ANNUAL	LINE	5
609768.19	4206340.84	3.8255	12.28	12.28	0	ANNUAL	LINE	5
609777.06	4206340.84	3.92588	12.13	12.13	0	ANNUAL	LINE	5
609785.93	4206340.84	4.01484	11.98	11.98	0	ANNUAL	LINE	5
609794.8	4206340.84	4.0936	11.82	11.82	0	ANNUAL	LINE	5
609803.67	4206340.84	4.16506	11.67	11.67	0	ANNUAL	LINE	5
609812.54	4206340.84	4.22976	11.51	11.51	0	ANNUAL	LINE	5
609821.41	4206340.84	4.28927	11.36	11.36	0	ANNUAL	LINE	5
609830.28	4206340.84	4.3415	11.15	11.15	0	ANNUAL	LINE	5
609839.15	4206340.84	4.3893	10.91	10.91	0	ANNUAL	LINE	5
609848.02	4206340.84	4.43458	10.66	10.66	0	ANNUAL	LINE	5
609856.89	4206340.84	4.47915	10.42	10.42	0	ANNUAL	LINE	5
609688.36	4206347.81	1.29665	13.26	13.26	0	ANNUAL	LINE	5
609697.23	4206347.81	1.55087	13.15	13.15	0	ANNUAL	LINE	5
609706.1	4206347.81	1.81645	13.03	13.03	0	ANNUAL	LINE	5
609714.97	4206347.81	2.06869	12.91	12.91	0	ANNUAL	LINE	5
609723.84	4206347.81	2.29482	12.79	12.79	0	ANNUAL	LINE	5
609732.71	4206347.81	2.49196	12.67	12.67	0	ANNUAL	LINE	5
609741.58	4206347.81	2.66192	12.55	12.55	0	ANNUAL	LINE	5
609750.45	4206347.81	2.80833	12.43	12.43	0	ANNUAL	LINE	5
609759.32	4206347.81	2.93393	12.29	12.29	0	ANNUAL	LINE	5
609768.19	4206347.81	3.04299	12.15	12.15	0	ANNUAL	LINE	5
609777.06	4206347.81	3.13829	12	12	0	ANNUAL	LINE	5
609785.93	4206347.81	3.22262	11.86	11.86	0	ANNUAL	LINE	5
609794.8	4206347.81	3.2975	11.71	11.71	0	ANNUAL	LINE	5
609803.67	4206347.81	3.36498	11.57	11.57	0	ANNUAL	LINE	5
609812.54	4206347.81	3.42556	11.42	11.42	0	ANNUAL	LINE	5
609821.41	4206347.81	3.4813	11.28	11.28	0	ANNUAL	LINE	5
609830.28	4206347.81	3.53063	11.07	11.07	0	ANNUAL	LINE	5
609839.15	4206347.81	3.57609	10.83	10.83	0	ANNUAL	LINE	5
609848.02	4206347.81	3.61924	10.59	10.59	0	ANNUAL	LINE	5
609856.89	4206347.81	3.66077	10.35	10.35	0	ANNUAL	LINE	5
609688.36	4206354.78	1.04221	13.11	13.11	0	ANNUAL	LINE	5
609697.23	4206354.78	1.22322	12.99	12.99	0	ANNUAL	LINE	5
609706.1	4206354.78	1.41972	12.88	12.88	0	ANNUAL	LINE	5
609714.97	4206354.78	1.6162	12.76	12.76	0	ANNUAL	LINE	5
609723.84	4206354.78	1.80152	12.64	12.64	0	ANNUAL	LINE	5
609732.71	4206354.78	1.96997	12.52	12.52	0	ANNUAL	LINE	5
609741.58	4206354.78	2.12023	12.4	12.4	0	ANNUAL	LINE	5
609750.45	4206354.78	2.25289	12.28	12.28	0	ANNUAL	LINE	5
609759.32	4206354.78	2.36894	12.15	12.15	0	ANNUAL	LINE	5
609768.19	4206354.78	2.47182	12.01	12.01	0	ANNUAL	LINE	5
609777.06	4206354.78	2.56238	11.88	11.88	0	ANNUAL	LINE	5
609785.93	4206354.78	2.64276	11.74	11.74	0	ANNUAL	LINE	5
609794.8	4206354.78	2.71455	11.61	11.61	0	ANNUAL	LINE	5
609803.67	4206354.78	2.77894	11.47	11.47	0	ANNUAL	LINE	5
609812.54	4206354.78	2.83705	11.33	11.33	0	ANNUAL	LINE	5
609821.41	4206354.78	2.88975	11.19	11.19	0	ANNUAL	LINE	5
609830.28	4206354.78	2.93763	10.99	10.99	0	ANNUAL	LINE	5
609839.15	4206354.78	2.98173	10.75	10.75	0	ANNUAL	LINE	5
609848.02	4206354.78	3.02328	10.51	10.51	0	ANNUAL	LINE	5
609856.89	4206354.78	3.06312	10.27	10.27	0	ANNUAL	LINE	5
609688.36	4206361.75	0.86221	12.96	12.96	0	ANNUAL	LINE	5
609697.23	4206361.75	0.9957	12.84	12.84	0	ANNUAL	LINE	5
609706.1	4206361.75	1.1434	12.72	12.72	0	ANNUAL	LINE	5
609714.97	4206361.75	1.29677	12.6	12.6	0	ANNUAL	LINE	5
609723.84	4206361.75	1.44748	12.49	12.49	0	ANNUAL	LINE	5
609732.71	4206361.75	1.58963	12.37	12.37	0	ANNUAL	LINE	5
609741.58	4206361.75	1.7205	12.25	12.25	0	ANNUAL	LINE	5
609750.45	4206361.75	1.83897	12.13	12.13	0	ANNUAL	LINE	5
609759.32	4206361.75	1.9454	12	12	0	ANNUAL	LINE	5
609768.19	4206361.75	2.04069	11.88	11.88	0	ANNUAL	LINE	5
609777.06	4206361.75	2.12596	11.75	11.75	0	ANNUAL	LINE	5
609785.93	4206361.75	2.20235	11.63	11.63	0	ANNUAL	LINE	5
609794.8	4206361.75	2.27104	11.5	11.5	0	ANNUAL	LINE	5
609803.67	4206361.75	2.33282	11.37	11.37	0	ANNUAL	LINE	5
609812.54	4206361.75	2.38884	11.24	11.24	0	ANNUAL	LINE	5
609821.41	4206361.75	2.4397	11.11	11.11	0	ANNUAL	LINE	5
609830.28	4206361.75	2.48611	10.91	10.91	0	ANNUAL	LINE	5
609839.15	4206361.75	2.52913	10.67	10.67	0	ANNUAL	LINE	5
609848.02	4206361.75	2.56954	10.43	10.43	0	ANNUAL	LINE	5
609856.89	4206361.75	2.60814	10.19	10.19	0	ANNUAL	LINE	5
610626.79	4206314.62	6.47841	11.05	11.05	0	ANNUAL	LINE	5
610758.51	4206316.46	0.67569	9.55	9.55	0	ANNUAL	LINE	5
610764.49	4206027.44	0.05788	9	9	0	ANNUAL	LINE	5
610678.11	4206026.84	0.0893	9.4	9.4	0	ANNUAL	LINE	5
610678.11	4206019.82	0.08644	9.4	9.4	0	ANNUAL	LINE	5
610677.96	4206019.22	0.08627	9.4	9.4	0	ANNUAL	LINE	5
610671.98	4206019.22	0.08896	9.48	9.48	0	ANNUAL	LINE	5
610672.13	4206010.55	0.08542	9.48	9.48	0	ANNUAL	LINE	5
610664.66	4206010.7	0.08873	9.59	9.59	0	ANNUAL	LINE	5
610664.66	4206013.39	0.08985	9.58	9.58	0	ANNUAL	LINE	5
610664.51	4206018.92	0.09228	9.59	9.59	0	ANNUAL	LINE	5
610664.51	4206019.67	0.09261	9.59	9.59	0	ANNUAL	LINE	5
610665.41	4206025.5	0.0948	9.57	9.57	0	ANNUAL	LINE	5
610628.64	4206024.3	0.11327	10.07	10.07	0	ANNUAL	LINE	5
610625.95	4206028.19	0.11713	10.11	10.11	0	ANNUAL	LINE	5
610625.95	4206061.81	0.14186	10.1	10.1	0	ANNUAL	LINE	5
610626.25	4206102.46	0.18547	10.1	10.1	0	ANNUAL	LINE	5
610626.4	4206155.21	0.28785	10.61	10.61	0	ANNUAL	LINE	5
610626.55	4206190.63	0.42321	10.97	10.97	0	ANNUAL	LINE	5
610626.55	4206202.14	0.49124	11.01	11.01	0	ANNUAL	LINE	5
610626.7	4206204.98	0.51019	11.01	11.01	0	ANNUAL	LINE	5
610626.85	4206213.34	0.57485	11.01	11.01	0	ANNUAL	LINE	5
610626.85	4206216.78	0.60569	11.02	11.02	0	ANNUAL	LINE	5
610626.7	4206228.29	0.75171	11.02	11.02	0	ANNUAL	LINE	5
610626.85	4206264.9	1.59444	11.04	11.04	0	ANNUAL	LINE	5
610626.85	4206289.71	3.51754	11.05	11.05	0	ANNUAL	LINE	5
610627.15	4206302.86	6.23372	11.04	11.04	0	ANNUAL	LINE	5

** CONCUNIT ug/ m^3
** DEPUNIT g/m^ 2

Search Parameters

County	Contra Costa
Roadway Direction	East-West
Side of the Roadway	South
Distance from Roadway	373 feet
Annual Average Daily Traffic (ADT)	39,600

Results

Contra Costa County

EAST-WEST DIRECTIONAL ROADWAY

PM2.5 annual average

0.074 ($\mu g/m^3$)

Cancer Risk

2.93 (per million)

Data for Contra Costa County based on meteorological data collected from Chevron Refinery in 2005

Notes and References:

1. Emissions were developed using EMFAC2011 for fleet mix in 2014 assuming 10,000 AADT and includes impacts from diesel and gasoline vehicle exhaust, brake and tire wear, and resuspended dust.
2. Roadways were modeled using CALINE4 air dispersion model assuming a source length of one kilometer. Meteorological data used to estimate the screening values are noted at the bottom of the "Results" box.
3. Cancer risks were estimated for 70 year lifetime exposure starting in 2014 that includes sensitivity values for early life exposures and OEHHA toxicity values adopted in 2013.

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Appendix C:
Biological Resources Supporting Information

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Selected Elements by Common Name

California Department of Fish and Wildlife

California Natural Diversity Database

Query Criteria: Quad IS (Brentwood (3712186))

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Alkali Meadow *Alkali Meadow*	CTT45310CA	None	None	G3	S2.1	
Alkali Seep *Alkali Seep*	CTT45320CA	None	None	G3	S2.1	
Antioch andrenid bee *Perdita scitula antiochensis*	IIHYM01031	None	None	G1T1	S1	
Antioch Dunes evening-primrose *Oenothera deltoides ssp. howellii*	PDONA0C0B4	Endangered	Endangered	G5T1	S1	1B.1
big tarplant *Blepharizonia plumosa*	PDAST1C011	None	None	G1G2	S1S2	1B.1
Bolander's water-hemlock *Cicuta maculata var. bolanderi*	PDAPI0M051	None	None	G5T4	S2	2B.1
Brewer's western flax *Hesperolinon breweri*	PDLIN01030	None	None	G2	S2	1B.2
burrowing owl *Athene cunicularia*	ABNSB10010	None	None	G4	S3	SSC
California linderiella *Linderiella occidentalis*	ICBRA06010	None	None	G2G3	S2S3	
California tiger salamander *Ambystoma californiense*	AAAAA01180	Threatened	Threatened	G2G3	S2S3	WL
caper-fruited tropidocarpum *Tropidocarpum capparideum*	PDBRA2R010	None	None	G1	S1	1B.1
Cismontane Alkali Marsh *Cismontane Alkali Marsh*	CTT52310CA	None	None	G1	S1.1	
Congdon's tarplant *Centromadia parryi ssp. congdonii*	PDAST4R0P1	None	None	G3T2	S2	1B.1
curved-foot hygrotus diving beetle *Hygrotus curvipes*	IICOL38030	None	None	G1	S1	
loggerhead shrike *Lanius ludovicianus*	ABPBR01030	None	None	G4	S4	SSC
midvalley fairy shrimp *Branchinecta mesovallensis*	ICBRA03150	None	None	G2	S2S3	
molestan blister beetle *Lytta molesta*	IICOL4C030	None	None	G2	S2	
northern California legless lizard *Anniella pulchra*	ARACC01020	None	None	G3	S3	SSC
San Joaquin kit fox *Vulpes macrotis mutica*	AMAJA03041	Endangered	Threatened	G4T2	S2	
San Joaquin Pocket Mouse *Perognathus inornatus*	AMAFD01060	None	None	G2G3	S2S3	

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
San Joaquin spearscale *Extriplex joaquinana*	PDCHE041F3	None	None	G2	S2	1B.2
stinkbells *Fritillaria agrestis*	PMLIL0V010	None	None	G3	S3	4.2
Suisun Marsh aster *Symphyotrichum lentum*	PDASTE8470	None	None	G2	S2	1B.2
Swainson's hawk *Buteo swainsoni*	ABNKC19070	None	Threatened	G5	S3	
tricolored blackbird *Agelaius tricolor*	ABPBXB0020	None	Candidate Endangered	G2G3	S1S2	SSC
vernal pool fairy shrimp *Branchinecta lynchi*	ICBRA03030	Threatened	None	G3	S3	
western bumble bee *Bombus occidentalis*	IIHYM24250	None	None	G2G3	S1	
western pond turtle *Emys marmorata*	ARAAD02030	None	None	G3G4	S3	SSC
white-tailed kite *Elanus leucurus*	ABNKC06010	None	None	G5	S3S4	FP

Record Count: 29

CNPS California Native Plant Society

Plant List

Inventory of Rare and Endangered Plants

5 matches found. *Click on scientific name for details*

Search Criteria

California Rare Plant Rank is one of [1B, 2B], FESA is one of [Endangered, Threatened], CESA is one of [Endangered, Threatened, Rare], Found in Quads 3812117, 3812116, 3812115, 3712187, 3712186, 3712185, 3712177 3712176 and 3712175;

Modify Search Criteria | Export to Excel | Modify Columns | Modify Sort | Display Photos

Scientific Name	Common Name	Family	Lifeform	Blooming Period	CA Rare Plant Rank	State Rank	Global Rank
Amsinckia grandiflora	large-flowered fiddleneck	Boraginaceae	annual herb	(Mar)Apr-May	1B.1	S1	G1
Chloropyron molle ssp. molle	soft bird's-beak	Orobanchaceae	annual herb (hemiparasitic)	Jun-Nov	1B.2	S1	G2T1
Erysimum capitatum var. angustatum	Contra Costa wallflower	Brassicaceae	perennial herb	Mar-Jul	1B.1	S1	G5T1
Neostapfia colusana	Colusa grass	Poaceae	annual herb	May-Aug	1B.1	S1	G1
Oenothera deltoides ssp. howellii	Antioch Dunes evening-primrose	Onagraceae	perennial herb	Mar-Sep	1B.1	S1	G5T1

Suggested Citation

California Native Plant Society, Rare Plant Program. 2018. Inventory of Rare and Endangered Plants of California (online edition, v8-03 0.39). Website http://www.rareplants.cnps.org [accessed 18 December 2018].

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California Natural Diversity Database
The Jepson Flora Project
The Consortium of California Herbaria
CalPhotos

Questions and Comments
rareplants@cnps.org

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Map Scale: 1:1,820 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 25 50 100 150

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Contra Costa County, California
Survey Area Data: Version 15, Sep 14, 2018

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 2, 2015—Jun 3, 2015

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
DaC	Delhi sand, 2 to 9 percent slopes	10.0	100.0%
Totals for Area of Interest		**10.0**	**100.0%**

Appendix D:
Cultural Resources Supporting Information

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Phase I Cultural and Paleontological Resource Assessment
Vines at Oakley Project
City of Oakley, Contra Costa County, California

USGS Brentwood 7.5-minute Quadrangle Map
Section 27, Township 2 North, Range 2 East

Prepared for:
City of Oakley
Planning and Zoning Department
3231 Main Street
Oakley, CA 94561
925.625.7000

Contact: Joshua McMurray, Planning Manger

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Fieldwork Conducted by: Dana DePietro, PhD, RPA
Report Authored by: Stefanie Griffin, MA

Date: June 18, 2019

NORTH AMERICA | EUROPE | AFRICA | AUSTRALIA | ASIA
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MANAGEMENT SUMMARY

FirstCarbon Solutions (FCS) conducted a Phase I Cultural Resources Assessment of the proposed project site located within the City of Oakley, Contra Costa County, California. The rectangular 9.87-acre project site is located on Oakley Road with Beldin Lane to the east, Live Oak Avenue to the west, and Holly Creek Park to the south. The project site is located on the Brentwood United States Geological Survey (USGS) 7.5-minute topographic quadrangle, Township 2 North, Range 2 East, Section 27.

The purpose of this assessment is to identify the presence or absence of potentially significant cultural resources within the project area and, if impacted by the proposed development, propose recommendations for mitigation. Completion of this investigation fulfills the requirements associated with the California Environmental Quality Act (CEQA). This report follows the California Office of Historic Preservation (OHP) procedures for cultural resource surveys and the OHP's Archaeological Resource Management Report (ARMR) format for archaeological reports.

On January 4, 2019, a records search for the project area and a 0.5-mile radius beyond the project boundaries was conducted at the Northwest Information Center (NWIC) located at California State University, Sonoma. To identify any historic properties or resources, the current inventories of the National Register of Historic Places (NRHP), the California Register of Historic Resources (CRHR), the California Historical Landmarks list, the California Points of Historical Interest list, and the California State Historic Resources Inventory were reviewed to determine the existence of previously documented local historical resources. Results from the NWIC indicate that one resource has been recorded within 0.5 mile of the project area. There are 27 area-specific survey reports on file with the NWIC for the search radius suggesting the project location has been previously surveyed for cultural resources.

On December 20, 2018, FCS sent a letter to the Native American Heritage Commission (NAHC) in an effort to determine whether any sacred sites are listed on its Sacred Lands File for the project area. A response was received on January 8, 2019, indicating that the Sacred Lands File failed to indicate the presence of Native American cultural resources in the immediate project area. The NAHC included a list of six tribal representatives available for consultation. To ensure that all Native American knowledge and concerns over potential Tribal Cultural Resources (TCRs) that may be affected by the project are addressed, a letter containing project information and requesting any additional information was sent to each tribal representative on February 21, 2019. No responses have been received to date.

FCS Senior Archaeologist, Dana DePietro, PhD, RPA, surveyed the project site on January 9, 2019. The project area consists of a single parcel of land that contains vineyards and a single residence. The site is bordered by Oakley Road and a residential neighborhood to the north, residential homes along Beldin Lane to the east, Holly Creek Park to the south, and residential homes along Stacy Lane to the west. The project site was surveyed using standard 15-meter transects moving north-south parallel to vine plantings across the site whenever possible. Visible soils consisted of light tan sandy soils interspersed with small water-worn stones (3 to 5 cm) composed of schist, quartz, and basalt.

Overall ground visibility was fair, ranging from 70 to 80 percent across the site. Soils in sections of poor visibility were intermittently inspected using a hand trowel. No prehistoric resources or materials used in the production of said resources (e.g., obsidian, Franciscan chert) were observed during the course of the pedestrian survey. The single residence located in the north of the parcel was found to be over 45 years old and therefore required an assessment of its historic significance and eligibility for listing on the CRHR.

On January 4, 2019, Consulting Paleontologist Dr. Kenneth L. Finger performed a records search on the University of California Museum of Paleontology (UCMP) database for the project site in Contra Costa County. According to the geologic map by Helley and Graymer (1997), the surface of the area of the project site is located entirely on Holocene-Pleistocene dune deposits (Qds). Pleistocene deposits, if found, have the potential to yield significant paleontological resources. There are 9927 specimens (95 species) in the County and they are all assigned to the late Pleistocene Rancholabrean NALMS (North American Land Mammal Stage).

Based on the results of the records searches, Native American correspondence, and pedestrian survey, FCS considers the potential for the project to have an adverse effect on historic or prehistoric cultural resources to be low. Archaeological monitoring of construction activities is not recommended at this time. The paleontological potential of Quaternary (Holocene-Pleistocene) Dune Sand deposits is moderate in view of the fact that Pleistocene deposits have the potential to yield significant specimens. As such, a professional paleontologist should be present in areas where Pleistocene deposits may be disturbed. Should any vertebrate fossils be discovered on the site, all work in the vicinity of the find should be diverted until the monitor or paleontologist has evaluated the find and, if deemed appropriate, salvaged it for deposition in an appropriate repository such as the UCMP.

SECTION 1: INTRODUCTION

1.1 - Project Location and Description

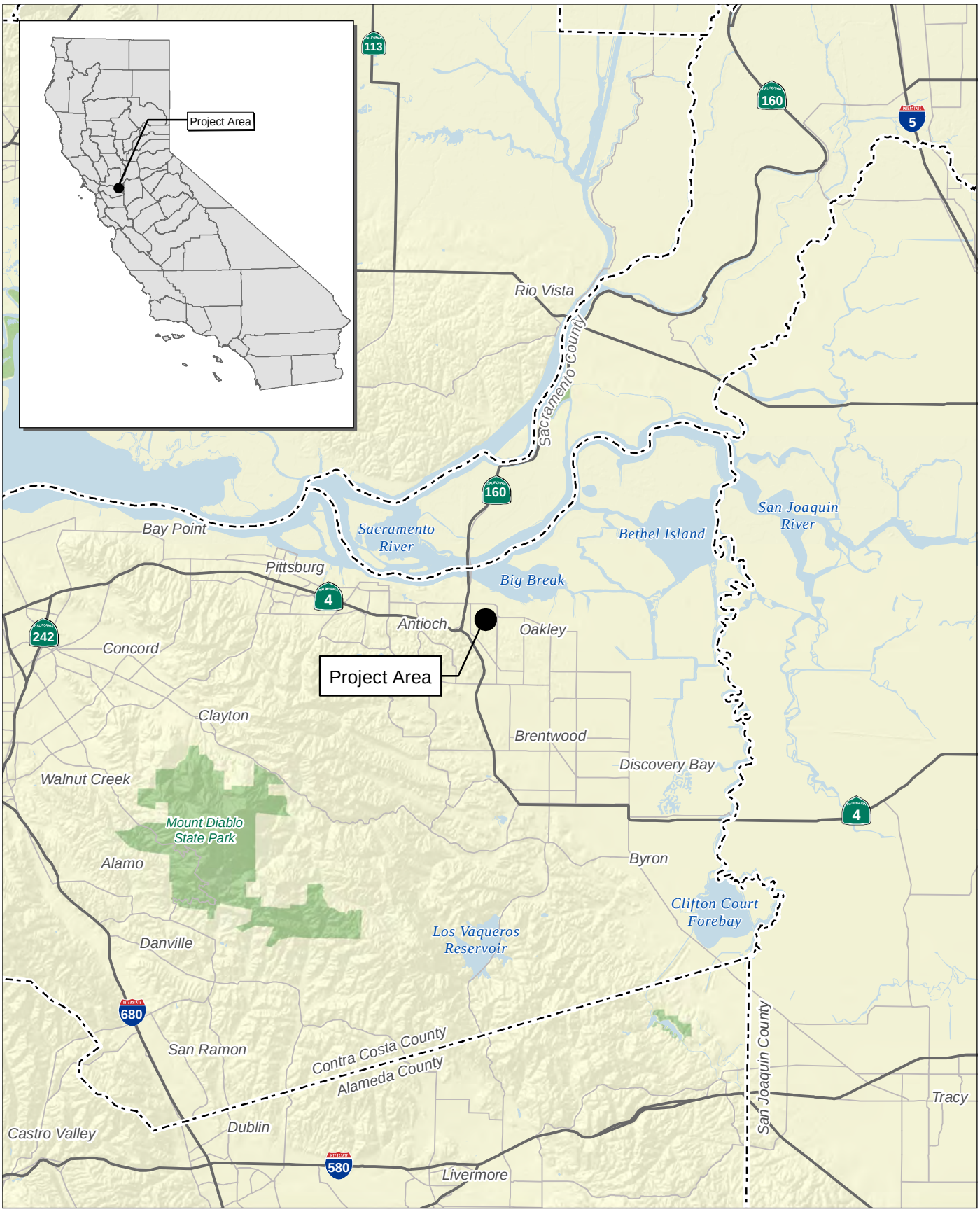
The 9.87-acre project site is located in the City of Oakley, Contra Costa County, California (Exhibit 1). The project site is located on the Brentwood, California USGS 7.5-minute topographic quadrangle, Township 2 North, Range 2 East, Section 27 (Exhibit 2). The rectangular project site is located on Oakley Road with Beldin Lane to the east, Live Oak Avenue to the west, and Holly Creek Park to the south (Exhibit 3).

MLC Holdings proposes to subdivide and develop 68 residential lots, a bioretention basin, and 50 parking spaces.

1.2 - Assessment Team

FCS Senior Archaeologist Dana DePietro, PhD, RPA, conducted the pedestrian survey, and FCS Staff Archaeologist, Stefanie Griffin, MA, authored this report. Professional qualifications for Dr. DePietro and Ms. Griffin can be found in Appendix C.

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Source: Census 2000 Data, The CaSIL

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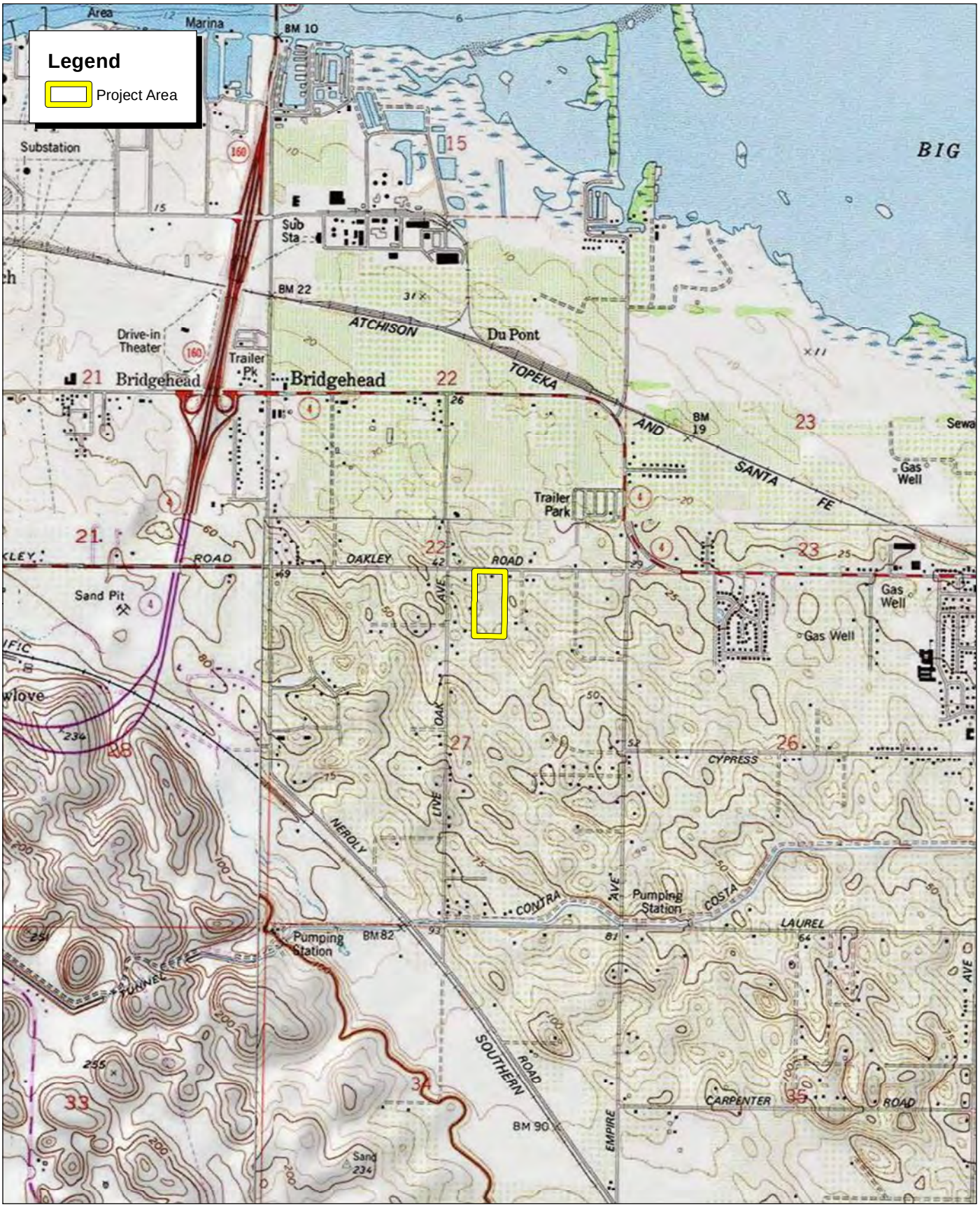
5 2.5 0 5 Miles

Exhibit 1
Regional Location Map

49400013 • 06/2019 | 1_regional.mxd

CITY OF OAKLEY • VINES AT OAKLEY PROJECT
PHASE I CULTURAL AND PALEONTOLOGICAL RESOURCE ASSESSMENT

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Source: USGS Brentwood (1978) 7.5' Quadrangle / T2N,R2E,sec27

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2,000 1,000 0 2,000 Feet

Exhibit 2
Local Vicinity Map
Topographic Base

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Source: ESRI Aerial Imagery.

FIRSTCARBON SOLUTIONS™

1,000 500 0 1,000
Feet

Exhibit 3
Local Vicinity Map
Aerial Base

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SECTION 2: CULTURAL SETTING

The following is a brief overview of the prehistoric and historic background of the general area, which provides context to understand the relevance of resources found in the general project area. This section is not intended to be a comprehensive review of the current resources available; rather, it serves as a general overview.

Further details of the San Francisco Bay Area can be found in the ethnographic studies, mission records, and major published sources, including Bennyhoff (1950), Beardsley (1948), Kroeber (1925), Moratto (1984), Chartkoff (1984), and Jones and Klar (2007).

2.1 - Prehistoric Background

In general, archaeological research in the greater San Francisco Bay area has focused on coastal areas, where large shellmounds were relatively easily identified on the landscape. This research and its chronological framework, however, are relevant to and have a bearing on our understanding of prehistory in areas adjacent to the San Francisco Bay, including modern Contra Costa County.

The San Francisco Bay Area supported a dense population of hunter-gatherers over thousands of years, leaving a rich a varied archaeological record. The Bay Area was a place of incredible language diversity, with seven languages spoken at the time of Spanish settlement in 1776. The diverse ecosystem of the bay and surrounding lands supported an average of three to five persons per square mile, but reached 11 persons per square mile in the North Bay. At the time of Spanish contact, the people of the Bay Area were organized into local tribelets that defended fixed territories under independent leaders. Typically, individual Bay Area tribelets included 200 to 400 people distributed among three to five semi-permanent villages, within territories measuring approximately 10 to 12 miles in diameter (Milliken et al. 2007).

Native American occupation and use of the greater Bay Area including the regions comprising Concord and Oakley, extends over 5000-7000 years and may be longer. Early archaeological investigations in central California were conducted at sites located in the Sacramento-San Joaquin Delta region. The first published account documents investigations in the Lodi and Stockton area. The initial archaeological reports typically contained descriptive narratives with more systematic approaches sponsored by Sacramento Junior College in the 1930s. At the same time, University of California at Berkeley excavated several sites in the lower Sacramento Valley and Delta region, which resulted in recognizing archaeological site patterns based on a variation of intersite assemblages. Research during the 1930s identified temporal periods in central California prehistory and provided an initial chronological sequence. In 1939, researcher Jeremiah Lillard of Sacramento Junior College noted that each cultural period led directly to the next and that influences spread from the Delta region to their regions in central California (Lillard and Purves 1936). In the late 1940s and early 1950s, researcher Richard Beardsley of the University of California Berkeley documented similarities in artifacts among sites in the San Francisco Bay region and the Delta and refined his findings into a cultural model that ultimately became known as the Central California Taxonomic System (CCTS). This system proposed a uniform, linear sequence of cultural succession (Beardsley 1948).

To address some of the flaws in the CCTS system, D.A. Fredrickson (1973) introduced a revision that incorporated a system of spatial and cultural integrative units. Fredrickson separated cultural, temporal, and spatial units from each other and assigned them to six chronological periods: Paleo-Indian (10000 to 6000 before Common Era [BCE]; Lower, Middle and Upper Archaic (6000 BCE to 500 Common Era [CE]), and Emergent (Upper and Lower, 500 CE to 1800). The suggested temporal ranges are similar to earlier horizons, which are broad cultural units that can be arranged in a temporal sequence (Fredrickson 1973). In addition, Fredrickson defined several patterns—a general way of life shared within a specific geographical region. These patterns include:

- Windmiller Pattern or Early Horizon (3000 to 1000 BCE)
- Berkeley Pattern or Middle Horizon (1000 BCE to 500 CE)
- Augustine Pattern or Late Horizon (500 CE to historic period)

Brief descriptions of these temporal ranges and their unique characteristics follow.

2.1.1 - Windmiller Pattern or Early Horizon (3000 to 1000 BCE)

Characterized by the Windmiller Pattern, the Early Horizon was centered in the Cosumnes district of the Delta and emphasized hunting rather than gathering, as evidenced by the abundance of projectile points in relation to plant processing tools. Additionally, atlatl, dart, and spear technologies typically included stemmed projectile points of slate and chert but minimal obsidian. The large variety of projectile point types and faunal remains suggests exploitation of numerous types of terrestrial and aquatic species (Bennyhoff 1950). Burials occurred in cemeteries and intra-village graves. These burials typically were ventrally extended, although some dorsal extensions are known with a westerly orientation and a high number of grave goods. Trade networks focused on acquisition of ornamental and ceremonial objects in finished form rather than on raw material. The presence of artifacts made of exotic materials such as quartz, obsidian, and shell indicates an extensive trade network that may represent the arrival of Utian populations into Central California. Also indicative of this period are rectangular *Haliotis* and *Olivella* shell beads, and charmstones that usually were perforated (Ragir 1972).

2.1.2 - Berkeley Pattern or Middle Horizon (1000 BCE to 500 CE)

The Middle Horizon is characterized by the Berkeley Pattern, which displays considerable changes from the Early Horizon. This period exhibited a strong milling technology represented by minimally shaped cobble mortars and pestles, although metates and manos were still used. Dart and atlatl technologies during this period were characterized by non-stemmed projectile points made primarily of obsidian. Fredrickson (1973) suggests that the Berkeley Pattern marked the eastward expansion of Miwok groups from the San Francisco Bay Area. Compared with the Early Horizon, there is a higher proportion of grinding implements at this time, implying an emphasis on plant resources rather than on hunting. Typical burials occurred within the village with flexed positions, variable cardinal orientation, and some cremations. As noted by Lillard, Heizer, and Fenenga, the practice of spreading ground ochre over the burial was common at this time. Grave goods during this period are generally sparse and typically include only utilitarian items and a few ornamental objects. However, objects such as charmstones, quartz crystals, and bone whistles occasionally were present, which suggest the religious or ceremonial significance of the individual (Lillard et al. 1939). During this period, larger populations are suggested

by the number and depth of sites compared with the Windmiller Pattern. According to Fredrickson (1973), the Berkeley Pattern reflects gradual expansion or assimilation of different populations rather than sudden population replacement and a gradual shift in economic emphasis.

2.1.3 - Augustine Pattern or Late Horizon (500 CE to Historic Period)

The Late Horizon is characterized by the Augustine Pattern, which represents a shift in the general subsistence pattern. Changes include the introduction of bow and arrow technology; and most importantly, acorns became the predominant food resource. Trade systems expanded to include raw resources as well as finished products. There are more baked clay artifacts and extensive use of Haliotis ornaments of many elaborate shapes and forms. According to Moratto (1984), burial patterns retained the use of flexed burials with variable orientation, but there was a reduction in the use of ochre and widespread evidence of cremation. Judging from the number and types of grave goods associated with the two types of burials, cremation seems to have been reserved for individuals of higher status, whereas other individuals were buried in flexed positions. Johnson (1976) suggests that the Augustine Pattern represents expansion of the Wintuan population from the north, which resulted in combining new traits with those established during the Berkeley Pattern.

Central California research has expanded from an emphasis on defining chronological and cultural units to a more comprehensive look at settlement and subsistence systems. This shift is illustrated by the early use of burials to identify mortuary assemblages and more recent research using osteological data to determine the health of prehistoric populations. Although debate continues over a single model or sequence for Central California, the general framework consisting of three temporal/cultural units is generally accepted, although the identification of regional and local variation is a major goal of current archaeological research.

2.2 - Native American Background

Researchers differ on which Native American group or groups called the area comprising modern Oakley home. The project site may have been within the ethnographic and historic boundaries of a Native American group known as the *Karkin* (*Karquines* or *Tarquines*) of the Ohlone family or possibly the Bay Miwok, part of the Eastern Miwok, who extended to include present-day Walnut Creek.

The eastern Miwok belonged to five separate linguistic and cultural groups, each having a distinctive language and culture. The foremost political unit of the Miwok was the tribelet; an independent and sovereign nation with defined boundaries and control over the natural resources within the boundaries. As noted by Levy (1978), villages are described as headquarters of a localized patrilineage, and this social organization was further prescribed by individual lineage memberships in a moiety. With the notable exceptions of tobacco and dogs, the Eastern Miwok lacked cultivated plants and domesticated animals.

All plant foods were naturally occurring and gathered by hand, the most important of which were the seven varieties of acorn used by the Eastern Miwok people. Acorns were usually allowed to ripen and fall off the tree on their own where they would then be collected in large numbers in burden baskets. The acorns were then shelled, placed on an acorn anvil, and struck with a hammer stone to expose the meats within. These meats were ground into a fine meal using a bedrock mortar and

cobblestone pestle. The meal was then sifted into a tightly coiled basket, and several applications of water were run through the basket to leach the bitter tannin from the meal. Once dry, the meal could be used in the preparation of acorn soup, mush, biscuits, and bread. For this reason, access to acorns, clean moving water, and exposed bedrock was particularly important to the Eastern Miwok. These resources were available in the general project area.

The proposed project site is located to the south of the San Joaquin River and watercourses were often a focus of prehistoric occupation in Central California with Native American groups exploiting a variety of ecological niches. While this area was within an environmentally advantageous area for Native Americans located between the resources of the San Francisco Bay margin and the foothills and nearby creeks, no known ethnographic settlements are known to have been located within or adjacent to the project site.

2.3 - Historical Background

2.3.1 - Spanish Period

The Eastern Miwok were first contacted by the Spanish exploring expeditions of the Sacramento-San Joaquin Valley in the second part of the 18th century. The first Spanish expeditions through the study area were led by Captain Pedro Fages and Father Juan Crespi in 1772. Juan Bautista de Anza also led an expedition in 1776. Expedition campsites have been mapped in the vicinity of Interstate 680, State Route 242, and Willow Pass Road. According to Hart (1987), Spanish colonial policy from 1769-1821 was directed at the founding of presidios, missions, and secular towns, with the land held by the Crown. The depletion of the coastal populations resulted in Spanish missionaries shifting to conversion of the interior peoples. The Bay Miwok were the first of the Eastern Miwok to be missionized, and were generally not willing converts. Mission baptismal records show that Native Americans went to Mission San Francisco de Assisi, founded in 1776, and Mission San Jose, founded in 1797. Their traditional lifeways apparently disappeared by 1810 due to disruption by Euro American diseases, a declining birth rate, and the impact of the mission system. For the most part, the former hunters-gatherers were transformed into agricultural laborers and worked with former neighboring groups such as the Esselen, Yokuts, and Miwok. After secularization of the missions between 1834 and 1836, some Native Americans returned to traditional religious and subsistence practices while others labored on Mexican ranchos. Thus, multi-ethnic Indian communities grew up in and around the area and provided informant testimony to ethnologists from 1878 to 1933 (Hart 1987).

2.3.2 - Mexican Period

The Mexican Period, 1821 to 1848, was marked by secularization and division of mission lands among the *Californios* as land grants, termed ranchos. During this period, Mariano G. Vallejo assumed authority of Sonoma Mission and established a rapport with the Native Americans who were living there. In particular, Vallejo worked closely with Chief Solano, a Patwin who served as Vallejo's spokesperson when problems with Native American tribes arose. The large rancho lands often were worked by Native Americans who were used as forced labor.

Shoup and Milliken state that mission secularization removed the social protection and support on which Native Americans had come to rely. It exposed them to further exploitation by outside interests, often forcing them into a marginal existence as laborers for large ranchos (Shoup and Milliken 1999). Following mission secularization, the Mexican population grew as the Native American population continued to decline. Euro-American settlers began to arrive in California during this period and often married into Mexican families, becoming Mexican citizens, which made them eligible to receive land grants. In 1846, on the eve of the U.S.-Mexican War (1846 to 1848), the estimated population of California was 8,000 non-natives and 10,000 Native Americans. However, these estimates have been debated. Cook suggests the Native American population was 100,000 in 1850; the U.S. Census of 1880 reports the Native American population as 20,385 (Cook 1976).

2.3.3 - American Settlement Period (1848 to 1885)

In 1848, James W. Marshall discovered gold at Coloma in modern-day El Dorado County, which started the gold rush into the region that forever altered the course of California's history. The arrival of thousands of gold seekers in the territory contributed to the exploration and settlement of the entire state. By late 1848, approximately four out of five men in California were gold miners. The gold rush originated along the reaches of the American River and other tributaries to the Sacramento River, and Hangtown, present-day Placerville, became the closest town offering mining supplies and other necessities for the miners in El Dorado County. Gold subsequently was found in the tributaries to the San Joaquin River, which flowed north to join the Sacramento River in the great delta east of San Francisco Bay (Robinson 1948).

By 1864, California's gold rush had essentially ended. The rich surface and river placers were largely exhausted and the miners either returned to their homelands or stayed to start new lives in California. After the gold rush, people in towns such as Jackson, Placerville, and Sonora turned to other means of commerce, such as ranching, agriculture, and timber production. With the decline of gold mining, agriculture and ranching came to the forefront in the State's economy. California's natural resources and moderate climate proved well suited for cultivation of a variety of fruits, nuts, vegetables, and grains (Beck and Haase 1974).

2.3.4 - History of Contra Costa County and the City of Oakley

The east side of San Francisco Bay, directly across from the City of San Francisco, became known as the "opposite coast" (or contra costa) by the Spanish. The county was formed in December of 1849 and is one of the original 27 California counties, with the county seat at Martinez (Hoover et al. 2002). Contra Costa County, like much of California, was seen as a land of economic opportunity, not just for its mining resources but also for its productive land where farmers could cultivate a variety of crops. Agriculture became important in the California economy in the late 1850s, and through to the 1860s, homesteading became a means by which people could own and operate a family farm. The decidedly agricultural focus also underpins the historical significance of the Spanish colonial and Mexican era of land grants. As early as 1882, special interests advertised the County's virtues as a place to cultivate. Early settlers began to speak of beneficial soils that support a range of crops—pears, prunes, peaches, almonds, walnuts and grapes flourished—with seasonal rainfall, and favorable climates. In addition, Contra Costa County is strategically located at crossing of trade routes with a waterfront location and relative closeness to the San Francisco metropolis. Large-scale

commercial operations began to capitalize on mechanical innovations just as irrigation developed in the early 1880s. Consequently, competing economic interests caused land prices to increase and make family farming a less profitable enterprise.

During the 1960s and 1970s, the community of Oakley evolved from an agricultural based community to a suburban residential community east of San Francisco. The establishment of large population centers fostered the development of equally large shopping centers. To meet demand on infrastructure, the State modernized highways and roadways, and with the establishment of the Bay Area Rapid Transit (BART) system (west of the project site), cities like Oakley continued to grow at an exponential rate. Today, the City continues to expand and planned developments intended to provide housing and services for the ever-growing Bay Area tech economy.

SECTION 3: RESULTS

3.1 - Record Search

3.1.1 - Information Center Search

On January 4, 2019, a records search for the project area and a 0.5-mile radius beyond the project boundaries was conducted at the NWIC. To identify any historic properties or resources, the current inventories of the NRHP, the CRHR, the California Historical Landmarks list, the California Points of Historical Interest list, and the California State Historic Resources Inventory were reviewed to determine the existence of previously documented local historical resources. Results from the NWIC indicate that one resource has been recorded within 0.5 mile of the project area (Table 1). In addition, 27 area-specific survey reports are on file with the NWIC for the search radius suggesting the project location has been previously surveyed for cultural resources (Table 2).

Table 1: Recorded Cultural Resources within a 0.50-mile Radius of the Project Area

Site Number	Resource Name/Description	Date Recorded
P-07-002697	**5471 Live Oak Avenue; Other–Map No. 7** HP16	2004

Table 2: Previous Investigations within a 0.50-mile Radius of the Project Area

Report Number	Author/Date	Report Title/Description
S-010040	1988: Allan Bramlette, Mary Praetzellis, Adrian Praetzellis, and David A. Fredrickson	Archaeological and Historical Resources Within the Los Vaqueros/Kellogg Study Area, Contra Costa and Alameda Counties, California
S-010040a	1991: Allan G. Bramlette, Mary Praetzellis, Adrian Praetzellis, Katherine M. Dowdall, Patrick Brunmeier, and David A. Fredrickson	Archaeological Resources Inventory for Los Vaqueros Water Conveyance Alignments, Contra Costa County, California
S-010770	1989: Robert M. Harmon, Donna M. Garaventa, and Angela M. Banet	Cultural Resources Assessment of the Bedford Estates Subdivision #7090,Oakley, Contra Costa County, California
S-011385	1990: Suzanne Baker and Michael Smith	Archaeological Reconnaissance of the Highway 4 Widening Project Near Oakley, Contra Costa County, California
S-011826	1980: Dorothea J. Theodoratus, Mary Pyle Peters, Clinton M. Blount, Pamela J. McGuire, Richard D. Ambro, Michael Crist, Billy J. Peck, and Myrna Saxe	Montezuma I and II Cultural Resources

Table 2 (cont.): Previous Investigations within a 0.50-mile Radius of the Project Area

Report Number	Author/Date	Report Title/Description
S-018440	1996: G. James West and Patrick Welch	Class II Archaeological Survey of the Contra Costa Canal, Contra Costa County, California
S-019352	1997: Ronald D. Hunt	Confidential Archaeological Addendum for Timber Operations on Non-Federal Lands in California, Scotia Pacific C7 THP (California Department of Forestry)
S-022307	1999: Suzanne Baker	Archaeological Reconnaissance of the NWC Highway 4 Project, Oakley, California
S-023674	1994: Michael J. Moratto, Richard M. Pettigrew, Barry A. Price, Lester A. Ross, Randall F. Schalk, Rick Atwell, Andrew Bailey, Gary Bowyer, Robert U. Bryson, Tim Canaday, Dianne Gardner, William Hildebrandt, Kurt T. Katsura, Clayton G. Lebow, Pat Mikkelsen, Scott Mumma, Lynda Sekora, Nancy D. Sharp, Craig Skinner, Lou Ann Speulda, Sharon Waechter, and Judith A. Willig	Archaeological Investigations, PGT-PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California: Volume 1 Project Overview, Research Design and Archaeological Inventory
S-023674a	1995: William R. Hildebrandt, Patrica J. Mikkelsen, Amy G. Gilreath, Sharon A. Waechter, John E. Berg, Paul D. Bouey, C. Kristina Roper, Randall T. Milliken, Ricky G. Atwell, Andrew J. Bailey, Kelly McGuire, Clayton G. Lebow, Kurt T. Katsura, and Jill Onken	Volume IIC, Book 1 and 2 Summary Reports: Prehistoric Sites, California
S-023674b	1995: Gary C. Bowyer, Lou Ann Speulda, Lynda J. Sekora, Lester A. Ross, Andrew J. Bailey, David Conca, Fred Crisson, David De Vries, Charles M. Hodges, Michael Ostrogorsky, Nancy Renk, and David G. Weatherby	Volume III Summary Reports: Historic Sites, Archaeological Investigations, PGT—PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California
S-023674c	1995: Ricky G. Atwell, William R. Hildebrant, Clayton G. Lebow, Patricia Mikkelsen, Michael J. Moratto, Richard M. Pettigrew, Lester A. Ross, Randall F. Schalk, Lynda J. Sekora, Lou Ann Speulda, Gary C. Bowyer, Charles M. Hodges, Deborah Jones, Michael Ostrogorsky, and Nancy D. Sharp	Volume IV Synthesis of Findings: Archaeological Investigations, PGT—PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California
S-023674d	1995: Robert U. Bryson, Craig E. Skinner, Richard M. Pettigrew, Kenneth R. Bethard, Gary C. Bowyer, Catherine S. Fowler, Amy J. Gilreath, Douglas R. Harro, Williams R. Hildebrandt, Sally Ishikawa, Patricia Mikkelsen, Janet M. Mitchell, Michael J. Moratto, Scott Mumma, Margaret Newman, Kathryn Puseman, Matthen J. Root, Linda Scott-Cummings, Nancy D. Sharp, Nancy A.	Volume V Technical Studies: Archaeological Investigations, PGT-P&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California

Table 2 (cont.): Previous Investigations within a 0.50-mile Radius of the Project Area

Report Number	Author/Date	Report Title/Description
	Stenholm, Gerald Upshaw, Philip R. Watson, and Eric Wohlgemuth	
S-023674e	1995: Richard M. Pettigrew, Sandra Barnes, Janet M. Mitchell, Patricia Mikkelsen, and William Hildebrandt	Volume V Technical Studies Appendices Book 1-3: Archaeological Investigations, PGT—PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California
S-023674f	1994: Sharon Waechter, Jill Onken, Amy Gilreath, Paul D. Bouey, Eric Wohlgemuth, and Nancy D. Sharp	37.0 Site CA-CCO-368
S-023674g	1992: C. Kristina Roper and Barry A. Price	36.0 Site CA-SOL-348
S-030624	2005: Barbra Siskin	Historical Resources Compliance Report, State Route 4/Main Street between SR 160 and Big Break Road in Oakley, 04-CC-4, KP 50.1/50.2, PM 31.1/32.3, 04-275-2A17000
S-030624a	2005: Madeline R. Bowen	Historical Resources Evaluation Report Main Street (State Route 4) Widening from State Route 160 to Big Break City of Oakley, California Caltrans District 4, Contra Costa County
S-034083	2007: Scott Billat	New Tower ("NT") Submission Packet, FCC Form 620, Horizon Sand Blaster, SF-17030B
S-034660	2007: Sarah Farley and Carolyn Losee	New Tower ("NT") Submission Packet, FCC Form 620, Horizon Tower, LLC, Oakley, CA-2009/EBI #61071610
S-034660a	2007: Carolyn Losee	Cultural Resources Analysis for Horizon Tower, LLC Site #CA-2009: Live Oak Avenue and Main Street, Oakley, CA (letter)
S-036213	2009: Carolyn Losee	Cultural Resources Investigation for AT&T Wireless Site #CN4777-B, "Oakley Road" 2535 Main Street, Oakley, Contra Costa County, California 94561
S-046889	2011: Sean Dexter and Armando A Cuellar	Pacific Gas and Electric Lines 114 and 191 Replacement Project, Archaeological Survey Report, Contra Costa County, California
S-046889a	2014: Stephanie Cimino, Kim Carpenter, and Jack Meyer	Supplemental Cultural Resources Inventory, Pacific Gas & Electric Company, Line 114 and 191 Pipeline Replacement Project, Contra Costa County, California
S-046889B	2014: Carol Roland-Nawi and Anastasia T. Leigh	BUR_2014_0827_001; PG&E Line 114 Safety Enhancement Project, Contra Costa County, CA (14-SCAO-189); PG&E Order #30897880

Table 2 (cont.): Previous Investigations within a 0.50-mile Radius of the Project Area

Report Number	Author/Date	Report Title/Description
S-049306	2016	Historic and Cultural Resources Evaluation-Historic Resources Evaluation for Section 106 Review, Oak Creek Apartments
S-049306a	2016: Marisa D.C. Fogal and Julianne Polanco	HUD_2016_0919_001, Construction of Multifamily Housing of 51 Carol Lane, Oakley
Source: NWIC Record Search, January 4, 2019		

3.1.2 - Historic Aerials

A review of 13 historic aerials depicting the project site from 1949 until 2014 indicate that from the earliest aerial in 1949 until 1993 the project site, as well as the surrounding general land area, has been used for agricultural purposes. Additionally, the 1949 image depicts one residential structure (2371 Oakley Road) in the northern portion of the project site. It is known that the residential property and the associated land belonged to the Gonsalves family. Sometime between 1979 and 1993 the area became more urbanized and residential development was prevalent throughout the area surrounding the project site. Aerials from 1993 to 2014 exhibit the progressive development of the area.

3.1.3 - Paleontological Record Search

On January 4, 2019, Consulting Paleontologist Dr. Kenneth L. Finger performed a records search on the UCMP database for the project site in Contra Costa County. According to the geologic map by Helley and Graymer (1997), the surface of the area of the project site is located entirely on Holocene-Pleistocene dune deposits (Qds). Pleistocene deposits, if found, have the potential to yield significant paleontological resources. The UCMP database concentrated on the Pleistocene of Contra Costa County. As a result, there are 63 localities of the Riverbank Formation and 114 vertebrate specimens, of which there are 14 in the Montezuma Formation and one in the Rodeo Formation. There are no plant localities and the other 48 localities are not assigned to a geologic unit. The locality V87047 Big Break, contains two specimens of pronghorn (*Antilocapra)* is northeast and 1 mile past the search radius of the project area. There are 9,927 specimens (95 species) in the County and they are all assigned to the late Pleistocene Rancholabrean NALMS. The 95 species identified comprises of jackrabbit (*Lepus)*, alligator lizard (*Elgaria)*, arboreal salamander (*Aneides lugubris)*, and pintail duck (*Anas acuta)*. A copy of Dr. Finger's report can be found in Appendix D.

3.1.4 - Native American Heritage Commission Record Search

On December 20, 2018, FCS sent a letter to the NAHC in an effort to determine whether any sacred sites are listed on its Sacred Lands File for the project area. A response was received on January 8, 2019, indicating that the Sacred Lands File failed to indicate the presence of Native American cultural resources in the immediate project area. The NAHC included a list of six tribal representatives available for consultation. To ensure that all Native American knowledge and concerns over potential

TCRs that may be affected by the project are addressed, a letter containing project information and requesting any additional information was sent to each tribal representative on February 21, 2019. No responses have been received to date.

3.2 - Pedestrian Survey

FCS Senior Archaeologist, Dana DePietro, PhD, RPA, surveyed the project site on January 9, 2019. The project area consists of a single parcel of land that contains vineyards and a single residence. The site is bordered by Oakley Road and a residential neighborhood the north, residential homes along Beldin Lane to the east, Holly Creek Park to the south, and residential homes along Stacy Lane to the west. The project site was surveyed using standard 15-meter transects moving north-south parallel to vine plantings across the site whenever possible. Visible soils consisted of light tan sandy soils interspersed with small water-worn stones (3 to 5 cm) composed of schist, quartz, and basalt. Overall ground visibility was fair, ranging from 70 to 80 percent across the site. Soils in sections of poor visibility were intermittently inspected using a hand trowel.

No prehistoric resources or materials used in the production of said resources (e.g., obsidian, Franciscan chert) were observed during the course of the pedestrian survey. The single residence located in the north of the parcel was found to be over 45 years old and therefore required an assessment of its historic significance and eligibility for listing on the CRHR.

3.2.1 - The Residence at 2371 Oakley Road

The residence located at 2371 Oakley Road lies within the project area, is over 45 years old, and has not previously been evaluated for historic significance. The building was evaluated relative to the four CRHR eligibility criteria:

- Criterion 1: Associated with events that have made a significant contribution to the broad patterns of local or regional history or the cultural heritage of California or the United States.
- Criterion 2: Associated with the lives of persons important to local, California, or national history.
- Criterion 3: Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master or possesses high artistic values.
- Criterion 4: Has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California or the nation.

In brief, the residence does not appear to qualify for the CRHR under any of the above criteria. Therefore, the building should not be considered historic resource under CEQA, or eligible for any local listings.

Building Description and CRHR Evaluation

The subject property is a circa 1949, 1-story, symmetrical, rectangular-shaped, contemporary-style, single-family residence located in a rural residential neighborhood in the City of Oakley. The building, which appears to be in good condition, is accessed by a double-doored main entrance set on the northern facing façade of the residence. The western façade contains a second entrance flanked by

two small single-lite double-hung windows, along with three very large and distinctive aluminum framed 16-lite windows that run the length of the façade. A fourth 16-lite window is set into the north-facing façade of the building. The building appears to have a concrete foundation, cream painted exterior with dark red trim, and a low-pitched gabled roof with small eaves that wrap around the entire structure. The roof beams are exposed and wall cladding uses a combination of stucco and brick, consistent with the gabled sub-type of the contemporary style that was a common architectural style from 1940–1980. Additional windows on the building vary in size, shape, and placement, but are primarily aluminum framed, rectangular-shaped, and double-hung. The roof is clad in grey asphalt shingling, and a large brick chimney is set into the home's eastern-facing façade.

A detached garage clad in aluminum siding and topped with an aluminum roof is to the immediate south of the building and appears to be a recent addition. The property has limited landscaping in the form of a small front lawn with a concrete walkway, and an earthen driveway that runs along the western side of the residence and garage. Some of the original windows appear to have been replaced; however, no other major exterior alterations were noted aside from the addition of the garage (Appendix A: Photograph 6).

CRHR and Local Listing Eligibility Evaluation

The residence at 2371 Oakley Road is part of the overall agricultural development and increased urbanization of the area immediately following World War II. This was due in part to satisfy the enormous postwar demand for new housing, and the continuing development of Oakley's viticulture industry that began in the late 1800s. The subject property is therefore part of that process of postwar transition and growth in the area, but does not meet Criterion 1: Event, as it is one of many unremarkable examples of small-scale, residential buildings from the period.

The building is associated with Marion and Manuel Gonsalves, who immigrated to Oakley from the Madira Islands in 1938. The property is also associated with Ruth and Steven Gonsalves, and Marianne and Steven Harder. These individuals were thoroughly researched at the Contra Costa Records Office, archives at the Contra Costa Historical Society, and through a search of the California Digital Newspaper Collection. The relative absence of these individuals from published accounts of the history of the City of Oakley indicates that they did not achieve a level of historic importance for the property to be considered eligible under Criterion 2: Person.

The residence, built by unknown architects, displays many features of the gabled contemporary style: a low-pitched roof, close-cropped eaves with exposed rafters, modern elements such as the large 16-lite windows, and a combination of brick and stucco cladding (McAlester and McAlester 2004). The residence is a standard, undistinguished example of common construction design and techniques from the immediate postwar period, and appears to have been renovated in recent years with some minor modifications made to the original design including the addition of a garage. As such, the building does not appear to be eligible for listing on the CRHR under Criteria 3: Architecture.

Criterion 4: Information Potential, is most often used to evaluate archaeological sites or buildings that employ unusual building techniques. There is no evidence that the building in question exhibits any unusual construction features, or has the ability to contribute significant information to the overall history of Oakley.

Therefore, the residence at 2371 Oakley Road does not appear to meet any of the criteria for historic and/or architectural significance required for listing on the CRHR. As such, it should not be considered a historical resource under CEQA. The building also does not appear to possess sufficient artistic merit or historical association to meet a local standard for historical importance. No analysis of integrity is required where the property fails to meet all four criteria. California Department of Parks and Recreation (DPR) recordation forms were prepared for the residence and can be found in Appendix E.

SECTION 4: SUMMARY AND RECOMMENDATIONS

4.1 - Summary

In accordance with CEQA regulations, FCS assessed the effects of development for the proposed project site. Results from the NWIC indicate that one resource is on file for the search radius. In addition, 27 area-specific survey reports are on file with the NWIC for the search radius suggesting the project area has largely been previously surveyed for cultural resources. The results of the subsequent field survey were negative for additional cultural resources, as were the results of the NAHC Sacred Lands File search and subsequent correspondence with Native American representatives regarding potential TRCs that may be adversely affected by the proposed project.

The paleontological report identified the site as consisting entirely of Holocene-Pleistocene dune deposits (Qds). Pleistocene deposits, if found, have the potential to yield significant paleontological resources. The UCMP database records Pleistocene vertebrate localities in Contra Costa County: 63 localities of the Riverbank Formation and 114 vertebrate specimens, of which there are 14 in the Montezuma Formation and one in the Rodeo Formation, and 95 species and 9,927 specimens are assigned to the Late Pleistocene Rancholabrean NALMS.

4.2 - Recommendations

4.2.1 - Cultural and Paleontological Resource Recommendations

Based on the results of the records searches, Native American correspondence, and pedestrian survey, FCS considers the potential for the project to have an adverse effect on historic or prehistoric cultural resources to be low. One recorded historic-era resource has been recorded within a 0.5-mile radius of the project site, and one potentially eligible historic resource was observed within the site boundaries over the course of the pedestrian survey. However, the residential property did not meet the CRHR criteria and was determined ineligible for the listing at the State or local level. As a result, the site is considered to have low sensitivity for undiscovered cultural resources. Full-time archaeological monitoring is not recommended at this time.

The paleontological potential of Quaternary (Holocene-Pleistocene) Dune Sand deposits is moderate in view of the fact that Pleistocene deposits have the potential to yield significant specimens. A walkover survey is not recommended at this time due to surface being disturbed; Paleontological monitoring is recommended during project excavation in the event that Pleistocene or older deposits may be present in the subsurface of the project area. These deposits most commonly yield late Pleistocene vertebrates. Should any vertebrate fossils be discovered on the site, all work in the vicinity of the find should be diverted until the monitor or paleontologist has evaluated the find and, if deemed appropriate, salvage it for deposition in an appropriate repository such as the UCMP.

Additional procedures for the inadvertent discoveries of human remains and cultural resources are provided below.

4.3 - Inadvertent Discovery Procedures

4.3.1 - Accidental Discovery of Cultural Resources

It is always possible that ground-disturbing activities during construction may uncover previously unknown, buried cultural resources. In the event that buried cultural resources are discovered during construction, operations shall stop in the immediate vicinity of the find and a qualified archaeologist shall be consulted to determine whether the resource requires further study. The qualified archeologist and shall make recommendations to the lead agency on the measures that shall be implemented to protect the discovered resources, including but not limited to excavation of the finds and evaluation of the finds in accordance with Section 15064.5 of the CEQA Guidelines. Potentially significant cultural resources consist of but are not limited to stone, bone, fossils, wood, or shell artifacts or features, including hearths, structural remains, or historic dumpsites. Any previously undiscovered resources found during construction within the project area should be recorded on appropriate DPR forms and evaluated for significance in terms of CEQA criteria.

If the resources are determined to be unique historic resources as defined under Section 15064.5 of the CEQA Guidelines, mitigation measures shall be identified by the monitor and recommended to the lead agency. Appropriate mitigation measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery excavations of the finds.

No further grading shall occur in the area of the discovery until the lead agency approves the measures to protect these resources. Any archaeological artifacts recovered as a result of mitigation shall be donated to a qualified scientific institution approved by the lead agency where they would be afforded long-term preservation to allow future scientific study.

> In the event a potentially significant cultural resource is encountered during subsurface earthwork activities, all construction activities within a 100-foot radius of the find shall cease and workers should avoid altering the materials until an archaeologist who meets the Secretary of Interior's Professional Qualification Standards for archaeology has evaluated the situation. The applicant shall include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. Potentially significant cultural resources consist of but are not limited to stone, bone, glass, ceramics, fossils, wood, or shell artifacts, or features including hearths, structural remains, or historic dumpsites. The archaeologist shall make recommendations concerning appropriate measures that will be implemented to protect the resource, including but not limited to excavation and evaluation of the finds in accordance with Section 15064.5 of the CEQA Guidelines. Any previously undiscovered resources found during construction within the project Site shall be recorded on appropriate Department of Parks and Recreation (DPR) 523 forms and will be submitted to the City of Oakley, the Northwest Information Center, and the State Historic Preservation Office, as required.

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4.3.2 - Accidental Discovery of Human Remains

In the event of the accidental discovery or recognition of any human remains, CEQA Guidelines Section 15064.5; Health and Safety Code Section 7050.5; Public Resources Code Section 5097.94, and Section 5097.98 must be followed. If during the course of project development there is accidental discovery or recognition of any human remains, the following steps shall be taken:

1. There shall be no further excavation or disturbance within 100 feet of the remains until the Contra Costa County Coroner is contacted to determine if the remains are Native American and if an investigation of the cause of death is required. If the coroner determines the remains to be Native American, the coroner shall contact the NAHC within 24 hours, and the NAHC shall identify the person or persons it believes to be the most likely descendant of the deceased Native American. The most likely descendant may make recommendations to the landowner or the person responsible for the excavation work within 48 hours, for means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods as provided in Public Resources Code Section 5097.98.
2. Where the following conditions occur, the landowner or his or her authorized representative shall rebury the Native American human remains and associated grave goods with appropriate dignity either in accordance with the recommendations of the most likely descendant or on the project site in a location not subject to further subsurface disturbance:
   - The NAHC is unable to identify a most likely descendent or the most likely descendent failed to make a recommendation within 48 hours after being notified by the commission.
   - The descendant identified fails to make a recommendation.
   - The landowner or his authorized representative rejects the recommendation of the descendant, and mediation by the NAHC fails to provide measures acceptable to the landowner.

Additionally, California Public Resources Code Section 15064.5 requires the following relative to Native American Remains:

- When an initial study identifies the existence of, or the probable likelihood of, Native American Remains within a project, a lead agency shall work with the appropriate Native Americans as identified by the Native American Heritage Commission as provided in Public Resources Code Section 5097.98. The applicant may develop a plan for treating or disposing of, with appropriate dignity, the human remains and any items associated with Native American Burials with the appropriate Native Americans as identified by the Native American Heritage Commission.

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Appendix A:
Pedestrian Survey Photographs

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Photograph 1: View of the project site from the southeast corner; facing northwest.



Photograph 2: View of the project site from the southwest corner; facing northeast.



Photograph 3: View of the project area from the northwest corner; facing southeast.



Photograph 4: View of the project area from the northeast corner; facing southwest.



Photograph 5: View of soil composition and visibility within the project area.



Photograph 6: View of 2371 Oakley Road; facing south.

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Appendix B:
NWIC Record Search Results

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Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-010040	Voided - S-13256	1988	Allan Bramlette, Mary Praetzellis, Adrian Praetzellis, and David A. Fredrickson	Archaeological and Historical Resources Within the Los Vaqueros/Kellogg Study Area, Contra Costa and Alameda Counties, California	Anthropological Studies Center, Sonoma State University	01-000218, 07-000090, 07-000212, 07-000219, 07-000227, 07-000314, 07-000315, 07-000317, 07-000324, 07-000325, 07-000326, 07-000327, 07-000328, 07-000329, 07-000330, 07-000331, 07-000332, 07-000333, 07-000334, 07-000335, 07-000336, 07-000337, 07-000338, 07-000339, 07-000385, 07-000386, 07-000387, 07-000388, 07-000389, 07-000390, 07-000391, 07-000392, 07-000393, 07-000394, 07-000395, 07-000396, 07-000397, 07-002914
S-010040a		1991	Allan G. Bramlette, Mary Praetzellis, Adrian Praetzellis, Katherine M. Dowdall, Patrick Brunmeier, and David A. Fredrickson	Archaeological Resources Inventory for Los Vaqueros Water Conveyance Alignments, Contra Costa County, California	Anthropological Studies Center, Sonoma State University	
S-010770		1989	Robert M. Harmon, Donna M. Garaventa, and Angela M. Banet	Cultural Resources Assessment of the Bedford Estates Subdivision #7090,Oakley, Contra Costa County, California		
S-011385		1990	Suzanne Baker and Michael Smith	Archaeological Reconnaissance of the Highway 4 Widening Project Near Oakley, Contra Costa County, California	Archaeological/Historical Consultants	
S-011826		1980	Dorothea J. Theodoratus, Mary Pyle Peters, Clinton M. Blount, Pamela J. McGuire, Richard D. Ambro, Michael Crist, Billy J. Peck, and Myrna Saxe	Montezuma I and II Cultural Resources	Theodoratus Cultural Research; Archaeological and Environmental Services	48-000041, 48-000042, 48-000123, 48-000124, 48-000125, 48-000126, 48-000127, 48-000128, 48-000129, 48-000130, 48-000131, 48-000132, 48-000133, 48-000134, 48-000135, 48-000136, 48-000137, 48-000138, 48-000139, 48-000140, 48-000141, 48-000142, 48-000199
S-018440		1996	G. James West and Patrick Welch	Class II Archaeological Survey of the Contra Costa Canal, Contra Costa County, California	U.S. Bureau of Reclamation, Mid-Pacific Region	07-002695
S-019352		1997	Ronald D. Hunt	Confidential Archaeological Addendum for Timber Operations on Non-Federal Lands in California, Scotia Pacific C7 THP (California Department of Forestry)	Hunt Surveying and Forestry	12-002127
S-022307		1999	Suzanne Baker	Archaeological Reconnaissance of the NWC Highway 4 Project, Oakley, California	Archaeological/Historical Consultants	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-023674		1994	Michael J. Moratto, Richard M. Pettigrew, Barry A. Price, Lester A. Ross, Randall F. Schalk, Rick Atwell, Andrew Bailey, Gary Bowyer, Robert U. Bryson, Tim Canaday, Dianne Gardner, William Hildebrandt, Kurt T. Katsura, Clayton G. Lebow, Pat Mikkelsen, Scott Mumma, Lynda Sekora, Nancy D. Sharp, Craig Skinner, Lou Ann Speulda, Sharon Waechter, and Judith A. Willig	Archaeological Investigations, PGT-PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California: Volume 1 Project Overview, Research Design and Archaeological Inventory	INFOTEC Research, Inc., Far Western Anthropological Research Group, Inc.	06-000183, 06-000184, 06-000228, 06-000229, 06-000242, 07-000080, 07-000383, 07-000412, 07-000413, 07-000721, 48-000402, 57-000130, 57-000192, 57-000193
S-023674a		1995	William R. Hildebrandt, Patrica J. Mikkelsen, Amy G. Gilreath, Sharon A. Waechter, John E. Berg, Paul D. Bouey, C. Kristina Roper, Randall T. Milliken, Ricky G. Atwell, Andrew J. Bailey, Kelly McGuire, Clayton G. Lebow, Kurt T. Katsura, and Jill Onken	Volume IIC, Book 1 and 2 Summary Reports: Prehistoric Sites, California	INFOTEC Research Inc. and Far Western Anthropological Research Group Inc.	
S-023674b		1995	Gary C. Bowyer, Lou Ann Speulda, Lynda J. Sekora, Lester A. Ross, Andrew J. Bailey, David Conca, Fred Crisson, David De Vries, Charles M. Hodges, Michael Ostrogorsky, Nancy Renk, and David G. Weatherby	Volume III Summary Reports: Historic Sites, Archaeological Investigations, PGT- PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California	INFOTEC Research Inc.	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-023674c		1995	Ricky G. Atwell, William R. Hildebrant, Clayton G. Lebow, Patricia Mikkelsen, Michael J. Moratto, Richard M. Pettigrew, Lester A. Ross, Randall F. Schalk, Lynda J. Sekora, Lou Ann Speulda, Gary C. Bowyer, Charles M. Hodges, Deborah Jones, Michael Ostrogorsky, and Nancy D. Sharp	Volume IV Synthesis of Findings: Archaeological Investigations, PGT- PG&E Pipeline Expansion Project, Idaho, Washington, Orgeon, and California	INFOTEC Research Inc. and Far western Anthropolical Research Group Inc.	
S-023674d		1995	Robert U. Bryson, Craig E. Skinner, Richard M. Pettigrew, Kenneth R. Bethard, Gary C. Bowyer, Catherine S. Fowler, Amy J. Gilreath, Douglas R. Harro, Williams R. Hildebrandt, Sally Ishikawa, Patricia Mikkelsen, Janet M. Mitchell, Michael J. Moratto, Scott Mumma, Margaret Newman, Kathryn Puseman, Matthen J. Root, Linda Scott-Cummings, Nancy D. Sharp, Nancy A. Stenholm, Gerald Upshaw, Philip R. Watson, and Eric Wohlgemuth	Volume V Technical Studies: Archaeological Investigations, PGT-P&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California	INFOTEC Research Inc. and Far Western Anthropological Research Group Inc.	
S-023674e		1995	Richard M. Pettigrew, Sandra Barnes, Janet M. Mitchell, Patricia Mikkelsen, and William Hildebrandt	Volume V Technical Studies Appendices Book 1-3: Archaeological Investigations, PGT- PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California	INFOTEC Research Inc. and Far Western Anthropological Research Group	
S-023674f		1994	Sharon Waechter*, Jill Onken**, Amy Gilreath*, Paul D. Bouey*, Eric Wohlgemuth*, and Nancy D. Sharp**	37.0 Site CA-CCO-368	*Far Western Anthropological Research Group, Inc.; **INFOTEC Research, Inc.	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-023674g		1992	C.Kristina Roper and Barry A. Price	36.0 Site CA-SOL-348	INFOTEC Research, Inc	
S-030624	Caltrans - 04-275-2A17000	2005	Barbra Siskin	Historical Resources Compliance Report, State Route 4/Main Street between SR 160 and Big Break Road in Oakley, 04-CC-4, KP 50.1/50.2, PM 31.1/32.3, 04-275-2A17000	Jones & Stokes	07-002697, 07-002698, 07-002699, 07-002700, 07-002701, 07-002702, 07-002703
S-030624a		2005	Madeline R. Bowen	Historical Resources Evaluation Report Main Street (State Route 4) Widening from State Route 160 to Big Break City of Oakley, California Caltrans District 4, Contra Costa County	Jones & Stokes	
S-034083	Other - SF-17030B	2007	Scott Billat	New Tower ("NT") Submission Packet, FCC Form 620, Horizon Sand Blaster, SF-17030B	Earth Touch, Inc.	
S-034660		2007	Sarah Farley and Carolyn Losee	New Tower ("NT") Submission Packet, FCC Form 620, Horizon Tower, LLC, Oakley, CA-2009 / EBI #61071610	EBI Consulting; Archaeological Resources Technology	
S-034660a		2007	Carolyn Losee	Cultural Resources Analysis for Horizon Tower, LLC Site #CA-2009: Live Oak Avenue and Main Street, Oakley, CA (letter	Archaeological Resources Technology	
S-036213		2009	Carolyn Losee	Cultural Resources Investigation for AT&T Wireless Site #CN4777-B, "Oakley Road", 2535 Main Street, Oakley, Contra Costa County, California 94561	Archaeological Resources Technology	
S-046889	OHP PRN - BUR_2014_0827_001	2011	Sean Dexter and Armando A Cuellar	Pacific Gas and Electric Lines 114 and 191 Replacement Project, Archaeological Survey Report, Contra Costa County, California	Condor Country Consulting, Inc.	07-000806, 07-000813, 07-002614, 07-002695, 07-002789, 07-002914
S-046889a		2014	Stephanie Cimino, Kim Carpenter, and Jack Meyer	Supplemental Cultural Resources Inventory, Pacific Gas & Electric Company, Line 114 and 191 Pipeline Replacement Project, Contra Costa County, California	PG&E	
S-046889B		2014	Carol Roland-Nawi and Anastasia T. Leigh	BUR_2014_0827_001; PG&E Line 114 Safety Enhancement Project, Contra Costa County, CA (14-SCAO-189); PG&E Order #30897880	Office of Historic Preservation; Bureau of Reclamation	
S-049306	OTIS Report Number - HUD_2016_0919_001	2016		Historic and Cultural Resources Evaluation-Historic Resources Evaluation for Section 106 Review, Oak Creek Apartments	AEM Consulting	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-049306a		2016	Marisa D.C. Fogal and Julianne Polanco	HUD_2016_0919_001, Consturction of Multifamily Housing of 51 Carol Lane, Oakley	California Housing Finance Agency; Office of Historic Preservation	

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-07-002697		Resource Name - 5471 Live Oak Avenue; Other - Map #7	Building	Historic	HP16	2004 (M. Bowen, Jones & Stokes)	S-030624

Appendix C:
NAHC and Native American Correspondence

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C.1 - Native American Heritage Commission Sacred Lands File Search

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STATE OF CALIFORNIA **Gavin Newsom, Governor**

NATIVE AMERICAN HERITAGE COMMISSION
Cultural and Environmental Department
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
Phone: (916) 373-3710
Website: http://www.nahc.ca.gov

January 8, 2019

Dana DePietro
FCS Intl.

Sent by Email: ddepietro@fcs-intl.com

RE: Oakley II Gonsalves Project, Brentwood, Contra Costa County

Dear Mr. DePietro:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. **The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area**. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. **By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe**. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our lists contain current information. If you have any questions or need additional information, please contact me at my email address: Sharaya.Souza@NAHC.ca.gov.

Sincerely,

Sharaya Souza
Analyst

Attachment

Native American Heritage Commission
Native American Contacts List
1/7/2019

Amah MutsunTribal Band of Mission San Juan Bautista
Irenne Zwierlein, Chairperson
789 Canada Road — Ohlone/Costanoan
Woodside ,CA 94062
amahmutsuntribal@gmail.com
(650) 851-7489 Cell
(650) 332-1526 Fax

Indian Canyon Mutsun Band of Costanoan
Ann Marie Sayers, Chairperson
P.O. Box 28 — Ohlone/Costanoan
Hollister ,CA 95024
ams@indiancanyon.org
(831) 637-4238

Muwekma Ohlone Indian Tribe of the SF Bay Area
Charlene Nijmeh, Chairperson
20885 Redwood Road, Suite 232 — Ohlone / Costanoan
Castro Valley ,CA 94546
cnihmeh@muwekma.org
(408) 464-2892
(408) 205-9714

North Valley Yokuts Tribe
Katherine Erolinda Perez, Chairperson
P.O. Box 717 — Ohlone/Costanoan
Linden ,CA 95236 — Northern Valley Yokuts
canutes@verizon.net — Bay Miwok
(209) 887-3415

The Ohlone Indian Tribe
Andrew Galvan
P.O. Box 3388 — Ohlone/Costanoan
Fremont ,CA 94539 — Bay Miwok
chochenyo@AOL.com — Plains Miwok
(510) 882-0527 Cell — Patwin
(510) 687-9393 Fax

Wilton Rancheria
Raymond Hitchcock, Chairperson
9728 Kent Street — Miwok
Elk Grove ,CA 95624
rhitchcock@wiltonrancheria-nsn.gov
(916) 683-6000 Office
(916) 683-6015 Fax

This list is current as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code,Section 5097.94 of the Public Resources Code, or Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native American Tribes for the proposed:
Oakley II Gonsalves Project, Brentwood, Contra Costa County.

C.2 - Native American Information Request Letters

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February 21, 2019

Irenne Zwierlein, Chairperson
Amah Mutsun Tribal Band of Mission San Juan Bautista
789 Canada Road
Woodside, CA 94062

Subject: Proposed 2371 Oakley Road Project

Dear Irenne Zwierlein:

FirstCarbon Solutions (FCS) is preparing a Phase I Cultural Resource Assessment for the proposed Oakley Project on behalf of the City of Oakley. As part of the environmental review process, we are conducting a cultural analysis.

The project applicant is proposing to develop a 68-unit subdivision located on a single parcel at 2371 Oakley Road, Oakley, CA. The site consists of the undeveloped land located in the City of Oakley, California. The site is surrounded by residential properties, Holy Creek Park to the south, and Beldin Lane to the east. The NWIC record search and pedestrian survey failed to identify any archaeological resources in the project site or within 0.5-mile search radius. A Records Search map of the site is enclosed for your reference. The surrounding area is characterized by a mix of residential and commercial uses.

As part of the cultural resources assessment, FCS conducted a Sacred Lands File search and a California Historical Resources Information System (CHRIS) search, neither of which produced results. FCS contacted the Native American Heritage Commission (NAHC), and they suggested you might be able to provide further information. If you have any additional information regarding potential historic or cultural resources in proximity or relation to the proposed project area, we would greatly appreciate your input.

Please note that this letter is a request for information pertaining to a cultural resources assessment and is not notification of a project under Senate Bill (SB) 18, Assembly Bill (AB) 52 or Section 106 of the National Historic Preservation Act. Project notification and consultation requirements are being handled by designated lead agencies under CEQA and NEPA. Please feel free to contact me at 925.357.2562 or via email at ddepietro@fcs-intl.com and thank you for your valuable assistance.

Sincerely,

Dana Douglas DePietro, Ph.D.
Senior Scientist, Archaeology
FirstCarbon Solutions

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250 Commerce, Suite 250
Irvine, CA 92602

Pasadena
16 N. Marengo Avenue, Suite 303
Pasadena, CA 91101

Bay Area
1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

Central Valley
7265 N First Street, Suite 101
Fresno, CA 93720

Inland Empire
650 E. Hospitality Lane, Suite 125
San Bernardino, CA 92408

Sacramento Valley
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Sen. Gil Puyat Avenue,
Makati City, Metro Manila

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46200 Petaling Jaya

1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

Enc: Attachment A: Project location map for the 2371 Oakley Road Project

February 21, 2019

Ann Marie Sayers, Chairperson
Indian Canyon Mutsun Band of Costanoan
P.O. Box 28
Hollister, CA 95024

Subject: Proposed 2371 Oakley Road Project

Dear Ann Marie Sayers:

FirstCarbon Solutions (FCS) is preparing a Phase I Cultural Resource Assessment for the proposed Oakley Project on behalf of the City of Oakley. As part of the environmental review process, we are conducting a cultural analysis.

The project applicant is proposing to develop a 68-unit subdivision located on a single parcel at 2371 Oakley Road, Oakley, CA. The site consists of the undeveloped land located in the City of Oakley, California. The site is surrounded by residential properties, Holy Creek Park to the south, and Beldin Lane to the east. The NWIC record search and pedestrian survey failed to identify any archaeological resources in the project site or within 0.5-mile search radius. A Records Search map of the site is enclosed for your reference. The surrounding area is characterized by a mix of residential and commercial uses.

As part of the cultural resources assessment, FCS conducted a Sacred Lands File search and a California Historical Resources Information System (CHRIS) search, neither of which produced results. FCS contacted the Native American Heritage Commission (NAHC), and they suggested you might be able to provide further information. If you have any additional information regarding potential historic or cultural resources in proximity or relation to the proposed project area, we would greatly appreciate your input.

Please note that this letter is a request for information pertaining to a cultural resources assessment and is not notification of a project under Senate Bill (SB) 18, Assembly Bill (AB) 52 or Section 106 of the National Historic Preservation Act. Project notification and consultation requirements are being handled by designated lead agencies under CEQA and NEPA. Please feel free to contact me at 925.357.2562 or via email at ddepietro@fcs-intl.com and thank you for your valuable assistance.

Sincerely,

Dana DePietro

Dana Douglas DePietro, Ph.D.
Senior Scientist, Archaeology
FirstCarbon Solutions

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46200 Petaling Jaya

1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

Enc: Attachment A: Project location map for the 2371 Oakley Road Project

February 21, 2019

Charlene Nijmeh, Chairperson
Muwekma Ohlone Indian Tribe of the SF Bay Area
20885 Redwood Road, Suite 232
Castro Valley, CA 94546

Subject: Proposed 2371 Oakley Road Project

Dear Charlene Nijmeh:

FirstCarbon Solutions (FCS) is preparing a Phase I Cultural Resource Assessment for the proposed Oakley Project on behalf of the City of Oakley. As part of the environmental review process, we are conducting a cultural analysis.

The project applicant is proposing to develop a 68-unit subdivision located on a single parcel at 2371 Oakley Road, Oakley, CA. The site consists of the undeveloped land located in the City of Oakley, California. The site is surrounded by residential properties, Holy Creek Park to the south, and Beldin Lane to the east. The NWIC record search and pedestrian survey failed to identify any archaeological resources in the project site or within 0.5-mile search radius. A Records Search map of the site is enclosed for your reference. The surrounding area is characterized by a mix of residential and commercial uses.

As part of the cultural resources assessment, FCS conducted a Sacred Lands File search and a California Historical Resources Information System (CHRIS) search, neither of which produced results. FCS contacted the Native American Heritage Commission (NAHC), and they suggested you might be able to provide further information. If you have any additional information regarding potential historic or cultural resources in proximity or relation to the proposed project area, we would greatly appreciate your input.

Please note that this letter is a request for information pertaining to a cultural resources assessment and is not notification of a project under Senate Bill (SB) 18, Assembly Bill (AB) 52 or Section 106 of the National Historic Preservation Act. Project notification and consultation requirements are being handled by designated lead agencies under CEQA and NEPA. Please feel free to contact me at 925.357.2562 or via email at ddepietro@fcs-intl.com and thank you for your valuable assistance.

Sincerely,

Dana Douglas DePietro, Ph.D.
Senior Scientist, Archaeology
FirstCarbon Solutions

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26th Floor, Philippine AXA Life Centre,
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46200 Petaling Jaya

1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

Enc: Attachment A: Project location map for the 2371 Oakley Road Project

February 21, 2019

Katherine Erolinda Perez, Chairperson
Norht Valley Yokuts Tribe
P.O. Box 717
Linden, CA 95236

Subject: Proposed 2371 Oakley Road Project

Dear Katherine Erolinda Perez:

FirstCarbon Solutions (FCS) is preparing a Phase I Cultural Resource Assessment for the proposed Oakley Project on behalf of the City of Oakley. As part of the environmental review process, we are conducting a cultural analysis.

The project applicant is proposing to develop a 68-unit subdivision located on a single parcel at 2371 Oakley Road, Oakley, CA. The site consists of the undeveloped land located in the City of Oakley, California. The site is surrounded by residential properties, Holy Creek Park to the south, and Beldin Lane to the east. The NWIC record search and pedestrian survey failed to identify any archaeological resources in the project site or within 0.5-mile search radius. A Records Search map of the site is enclosed for your reference. The surrounding area is characterized by a mix of residential and commercial uses.

As part of the cultural resources assessment, FCS conducted a Sacred Lands File search and a California Historical Resources Information System (CHRIS) search, neither of which produced results. FCS contacted the Native American Heritage Commission (NAHC), and they suggested you might be able to provide further information. If you have any additional information regarding potential historic or cultural resources in proximity or relation to the proposed project area, we would greatly appreciate your input.

Please note that this letter is a request for information pertaining to a cultural resources assessment and is not notification of a project under Senate Bill (SB) 18, Assembly Bill (AB) 52 or Section 106 of the National Historic Preservation Act. Project notification and consultation requirements are being handled by designated lead agencies under CEQA and NEPA. Please feel free to contact me at 925.357.2562 or via email at ddepietro@fcs-intl.com and thank you for your valuable assistance.

Sincerely,

Dana DePietro

Dana Douglas DePietro, Ph.D.
Senior Scientist, Archaeology
FirstCarbon Solutions

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Irvine, CA 92602

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1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

Enc: Attachment A: Project location map for the 2371 Oakley Road Project

February 21, 2019

Andrew Galvin
The Ohlone Indian Tribe
P.O. Box 3388
Fremont, CA 94539

Subject: Proposed 2371 Oakley Road Project

Dear Andrew Galvin:

FirstCarbon Solutions (FCS) is preparing a Phase I Cultural Resource Assessment for the proposed Oakley Project on behalf of the City of Oakley. As part of the environmental review process, we are conducting a cultural analysis.

The project applicant is proposing to develop a 68-unit subdivision located on a single parcel at 2371 Oakley Road, Oakley, CA. The site consists of the undeveloped land located in the City of Oakley, California. The site is surrounded by residential properties, Holy Creek Park to the south, and Beldin Lane to the east. The NWIC record search and pedestrian survey failed to identify any archaeological resources in the project site or within 0.5-mile search radius. A Records Search map of the site is enclosed for your reference. The surrounding area is characterized by a mix of residential and commercial uses.

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Sincerely,

Dana DePietro

Dana Douglas DePietro, Ph.D.
Senior Scientist, Archaeology
FirstCarbon Solutions

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Irvine, CA 92602

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Bay Area
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Walnut Creek, CA 94597

Central Valley
7265 N First Street, Suite 101
Fresno, CA 93720

Inland Empire
650 E. Hospitality Lane, Suite 125
San Bernardino, CA 92408

Sacramento Valley
2204 Plaza Drive, Suite 210
Rocklin, CA 95765

Connecticut
2 Corporate Drive, Suite 450
Shelton, CT 06484

Utah
2901 Bluegrass Blvd, Suite 200-37

Lehi, UT 84043

EUROPE

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Tel: +44 (0) 845.165.6245
Fax: +44 (0) 20.3070.0890
Jubilee House
Third Avenue
Marlow
United Kingdom SL7 1EY

AUSTRALIA

New South Wales
Tel: +61 (02) 9418.7822
Unit 1, 1 Skyline Place
Frenchs Forest NSW 2086
Australia

AFRICA

Kenya
Tel: +254-737-433-621
ADEC Kenya Services EPZ Ltd.
Nairobi, Kenya

ASIA

Philippines
Tel: +63 (2) 775.0632
Fax: +63 (2) 775.0632 local 8050
26th Floor, Philippine AXA Life Centre,
Sen. Gil Puyat Avenue,
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Tel: +603 74902112
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72A Jalan Universiti
46200 Petaling Jaya

1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

Enc: Attachment A: Project location map for the 2371 Oakley Road Project

February 21, 2019

Raymond Hitchcock, Chairperson
Wilton Rancheria
9728 Kent Street
Elk Grove, CA 95624

Subject: Proposed 2371 Oakley Road Project

Dear Raymond Hitchcock:

FirstCarbon Solutions (FCS) is preparing a Phase I Cultural Resource Assessment for the proposed Oakley Project on behalf of the City of Oakley. As part of the environmental review process, we are conducting a cultural analysis.

The project applicant is proposing to develop a 68-unit subdivision located on a single parcel at 2371 Oakley Road, Oakley, CA. The site consists of the undeveloped land located in the City of Oakley, California. The site is surrounded by residential properties, Holy Creek Park to the south, and Beldin Lane to the east. The NWIC record search and pedestrian survey failed to identify any archaeological resources in the project site or within 0.5-mile search radius. A Records Search map of the site is enclosed for your reference. The surrounding area is characterized by a mix of residential and commercial uses.

As part of the cultural resources assessment, FCS conducted a Sacred Lands File search and a California Historical Resources Information System (CHRIS) search, neither of which produced results. FCS contacted the Native American Heritage Commission (NAHC), and they suggested you might be able to provide further information. If you have any additional information regarding potential historic or cultural resources in proximity or relation to the proposed project area, we would greatly appreciate your input.

Please note that this letter is a request for information pertaining to a cultural resources assessment and is not notification of a project under Senate Bill (SB) 18, Assembly Bill (AB) 52 or Section 106 of the National Historic Preservation Act. Project notification and consultation requirements are being handled by designated lead agencies under CEQA and NEPA. Please feel free to contact me at 925.357.2562 or via email at ddepietro@fcs-intl.com and thank you for your valuable assistance.

Sincerely,

Dana DePietro

Dana Douglas DePietro, Ph.D.
Senior Scientist, Archaeology
FirstCarbon Solutions

UNITED STATES

Irvine
250 Commerce, Suite 250
Irvine, CA 92602

Pasadena
16 N. Marengo Avenue, Suite 303
Pasadena, CA 91101

Bay Area
1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

Central Valley
7265 N First Street, Suite 101
Fresno, CA 93720

Inland Empire
650 E. Hospitality Lane, Suite 125
San Bernardino, CA 92408

Sacramento Valley
2204 Plaza Drive, Suite 210
Rocklin, CA 95765

Connecticut
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Walnut Creek, CA 94597

Enc: Attachment A: Project location map for the 2371 Oakley Road Project

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Appendix D:
UCMP Paleontological Database Search Results

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Kenneth L. Finger, Ph.D.
Consulting Paleontologist

18208 Judy St., Castro Valley, CA 94546-2306 510.305.1080 klfpaleo@comcast.net

January 4, 2019

Dana DePietro
FirstCarbon Solutions
1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

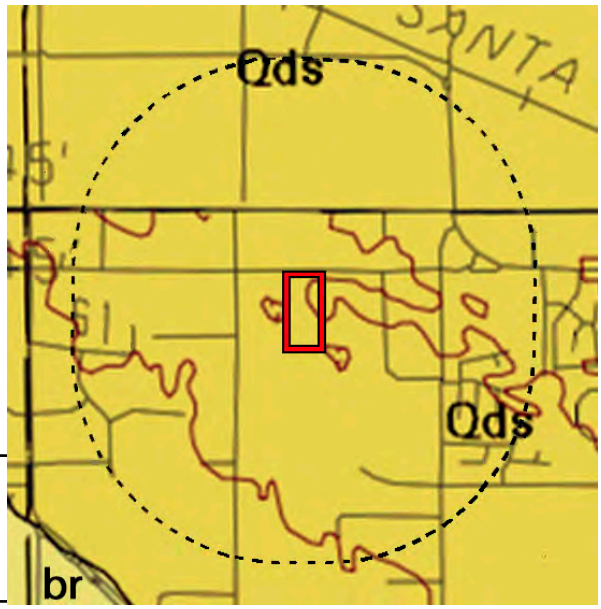
Re: Paleontological Records Search: Oakley II Project (4940.0013), Oakley, Contra Costa County

Dear Dr. DePietro:

As per your request, I have performed a records search on the University of California Museum of Paleontology (UCMP) database for the Oakley II project in the City of Oakley. This site is the vineyard at 2371 Oakley Road. Its Public Land Survey (PLS) location is NW¼, NE¼, T2N, R2E, Sec. 27, Brentwood quadrangle (USGS 7.5-series topographic map). Google Earth imagery shows this flat terrain has been used for agriculture, and is therefore heavily disturbed.

Geologic Units

According to the part of the geologic map by Helley and Graymer (1997) shown here, the entire project site (red outline at center) and all of its surrounding half-mile search area (dashed black outline) are located on Holocene–Pleistocene dune sand deposits (Qds). If Pleistocene, it has the potential of significant paleontological resources.



Key to mapped units

Qds	Dune Sand deposits (Holocene & Pleistocene)
br	No bedrock units mapped

Paleontological Records Search

The paleontological record search for the Oakley project was performed on the UCMP (University of California Museum of Paleontology) database and focused on the Pleistocene of Contra

Costa County. The results are 114 vertebrate specimens from the Riverbank Formation at 63 localities: 14 in the Montezuma Formation and one in the Rodeo Formation, while no geologic unit is indicated for the other 48; there are not no plant localities. The County's composite Pleistocene vertebrate assemblage of 9927 specimens represents the late Pleistocene Rancholabrean North American Land Mammal Stage (NALMS). The 95 species identified are on the attached list. To the northeast and one mile beyond the search perimeter is locality V87047 (Big Break), which yielded two specimens of *Antilocapra* (pronghorn), including the holotype of *A. pacifica* (Richards and McCrossin, 1991).

Remarks and Recommendations

The Oakley project site is mapped solely undifferentiated Quaternary (Holocene–Pleistocene) Dune Sand deposits. A paleontological walkover survey of the site is not recommended due to its heavily disturbed surface. It would be prudent to have paleontological monitoring of all excavations into previously undisturbed Dune Sand deposits because an extremely high number of late Pleistocene vertebrate fossils have been collected in Contra Costa County, and one of their localities is one mile feet from the half-mile search area. Should any significant fossils (i.e., bones, teeth, or unusually abundant and well-preserved invertebrates or plants) be unearthed, the construction crew should not attempt to remove them**,** as they could be extremely fragile and therefore prone to crumbling; instead, all work in the immediate vicinity of the discovery should be diverted at least 15 feet from the find until a paleontological monitor or professional paleontologist has assessed the find and, if deemed significant, salvaged it in a timely manner. Recovered fossils should be deposited in an appropriate repository, such as the UCMP, where they will be properly curated and made accessible for future study.

Sincerely

Ken Finger

References Cited

Helley, E.J., and Graymer, R.W., 1997, Quaternary geology of Contra Costa County and surrounding parts of Alameda, Marin, Sonoma, Sacramento, and San Joaquin counties, California derived from the digital database open-file 97-98. U.S. Geological Survey. Scale 1:100,000.

Richards, G.D., and McCrossin, M.L,. 1991, A new species of *Antilocapra* from the late Quaternary of California. Geobios 24(5): 623–635.

UCMP Late Pleistocene Vertebrates from Contra Costa County

Class Amphibia
- Order Anura
  - *Pseudoacris* (chorus frog)
- Order Caudata or Urodela
  - *Ambystoma* (mole salamander)
  - *Aneides lugubris* (arboreal salamander)
  - *Taricha* (newt)

Class Reptilia
- Order Sauria
  - *Elgaria* (alligator lizards)
  - *Gerrhonotus coeruleus* (northern alligator lizard)
  - *Scleoporus* (spiny lizards)
  - *Uta* (sideblotched lizard)
- Order Serpentes
  - *Crotalus* (rattlesnake)
- Order Testudines
  - *Clemmys marmorata* (western pond turtle)

Class Chondrichthyes (cartilaginous fish)
- Order Myliobatiformes
  - *Myliobatus* (bat ray)

Class Osteichthyes (bony fish)
- Order Cypriniformes
  - *Orthodon* (Sacramento blackfish)
- Order Gasterosteiformes
  - *Gasterosteus aculeatus* (three-spined stickleback)

Class Aves (birds)
- Order Anseriformes
  - *Anas acuta* (pintail duck)
  - *Melanitta* (scoter)
- Order Ciconiformes
  - ardeidid (heron)
- Order Culidae
  - *Geococcyx* (roadrunner)
- Order Galliformes
  - *Callipepia* (quail)
  - *Centrocercus* (sage grouse)
- Order Passeriformes
  - *Euphagus* (New World blackbirds)
  - *Turdus* (true thrushes)
- Order Piciformes
  - picidid (woodpecker)
- Order Podicipedformes
  - *Aechmophorus occidentalis* (western grebe)
- Order Strigiformes
  - *Asio flammeus* (short-eared owl)

Class Mammalia (mammals)
- Order Insectivora
  - *Scapanus latimanus* (broad-footed mole)
  - *Sorex ornatus* (ornate shrew)
- Order Xenartha
  - *Glossotherium harlani* (Harlan's ground sloth)
  - *Megalonyx jeffersoni* (Jefferson's flat-footed ground sloth)
- Order Lagomorpha
  - *Sylvilagus bachmani* (cottontail rabbit)
  - *Lepus* (jackrabbit)
- Order Rodentia
  - *Dipodomys* (kangaroo rat)
  - *Microtus californicus* (California meadow vole)
  - *Neotoma fuscipes* (dusky-footed wood rat)
  - *Perognathus* (pocket mouse)
  - *Peromyscus boylii* (brush mouse)
  - *Peromyscus californicus* (California deer mouse)
  - *Peromyscus maniculatus* (white-footed mouse)
  - *Peromyscus truei* (pinyon mouse)
  - *Reithrodontomys raviventris* (salt marsh harvest mouse)
  - *Sciurus* (squirrel)
  - *Tamias* (chipmunk)
  - *Otospermophilus beecheyi* (California ground squirrel)
  - *Thomomys bottae* (Botta's pocket gopher)
- Order Chiroptera
  - *Antrozous pallidus* (pallid bat)
  - *Eptesicus fuscus* (big brown bat)
  - *Lasiurus* (hairy-tailed bat)
- Order Carnivora
  - *Cynodesmus thooides* (extinct canid)
  - *Enhydra lutris* (sea otter)
  - *Procyon lotor* (racoon)
  - *Taxidea* (badger)
  - *Ursus americanus* (American black bear)
- Order Proboscidea
  - *Mammut americanum* (American mastodon)
  - *Mammuthus columbi* (Columbian mammoth)
- Order Perissodactyla
  - *Equus pacificus* (Pacific horse)
  - *Pliohippus interpolatus* (Pliocene horse)
  - *Tapirus merriami* (tapir)
- Order Artiodactyla
  - *Antilocapra pacifica* (Pacific pronghorn)
  - *Bison bison antiquus* (ancient bison)
  - *Bison latifrons* (long-horned bison)
  - *Camelops hesternus* (yesterday's camel)
  - *Capromeryx minor* (diminutive pronghorn)
  - *Cervus* (elk)
  - *Odocoileus* (mule deer)
  - *Sphenophalos* (pronghorn)

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Appendix E:
Department of Parks and Recreation Forms

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State of California ♿ The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code
Other Listings
Review Code Reviewer Date

Page 1 **of** 3 ***Resource Name or #:** (Assigned by recorder)
P1. Other Identifier: 2371 Oakley Road

***P2. Location:** ☑ **Not for Publication** ☐ **Unrestricted**
***a. County** Contra Costa **and** (P2c, P2e, and P2b or P2d. Attach a Location Map as necessary.)
***b. USGS 7.5' Quad** Brentwood **Date** 1978 **T** 2N; **R** 2E ; __ ☐ **of** __ ☐ **of Sec** 27; _____ **B.M.**
c. Address 2371 Oakley Road City Oakley Zip 94561
d. UTM: (Give more than one for large and/or linear resources) Zone 10S, _____ mE/ _____ mN
e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, decimal degrees, etc., as appropriate)
Take Oakley Rd. east from HW160, continue onto Oakley Rd. then 2371 Oakley Rd. is on the right.

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The subject property is a c. 1949, one-story, symmetrical, rectangular-shaped, contemporary-style single-family residence located in a rural residential neighborhood in the City of Oakley. The building, which appears to be in good condition, is accessed by a double-doored main entrance set on the northern facing façade of the residence. The western facade contains a second entrance flanked by two small single-lite double-hung windows, along with three very large and distinctive aluminum framed 16-lite windows that run the length of the façade. A fourth 16-lite window is set into the buildings north facing façade. The building appears to have a concrete foundation, cream painted exterior with dark red trim, and a low-pitched gabled roof with small eaves that wrap around the entire structure. The roof beams are exposed and wall cladding uses a combination of stucco and brick, consistent with the gabled sub-type of the contemporary style, which was a common architectural style from 1940-1980. Additional windows on the building vary in size, shape, and placement, but are primarily aluminum framed, rectangular-shaped, and double-hung. The roof is clad in grey asphalt shingling, and a large brick chimney is set into the home's eastern facing façade. A detached garage lies to the immediate south of the building.

***P3b. Resource Attributes:** (List attributes and codes) Single Family Property - HP2

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



***P4. Resources Present:** ☑ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)
P5b. Description of Photo: (view, date, accession #) View south from Oakley Road
***P6. Date Constructed/Age and Source:** ☑ Historic ☐ Prehistoric ☐ Both
Ca. 1949 - Historic Aerials and Topos

***P7. Owner and Address:**
DRG Builders, Inc.
2371 Oakley Road
Oakley, CA 94561

***P8. Recorded by:** (Name, affiliation, and address) Dr. Dana DePietro - FCS
1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

***P9. Date Recorded:** 01/09/2019

***P10. Survey Type:** (Describe) Phase I Reconnaissance

***P11. Report Citation**: (Cite survey report and other sources, or enter "none.") Phase I Cultural Resources Assessment Oakley Gonsalves: 2371 Oakley Road Project

***Attachments:** ☐NONE ☑Location Map ☐Continuation Sheet ☑Building, Structure, and Object Record
☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record
☐Artifact Record ☐Photograph Record ☐ Other (List): _____

State of California X The Resources Agency Primary #
DEPARTMENT OF PARKS AND RECREATION HRI#

BUILDING, STRUCTURE, AND OBJECT RECORD

***Resource Name or #** (Assigned by recorder) ***NRHP Status Code** 6Z - Found ineligible
Page 2 **of** 3

B1. Historic Name: None
B2. Common Name: 2371 Oakley Road
B3. Original Use: Residence B4. Present Use: Residence
***B5. Architectural Style:** Modern Movement - Contemporary Style
***B6. Construction History:** (Construction date, alterations, and date of alterations)

Constructed c. 1935 according to historic aerial photographs and topographic maps

***B7. Moved?** ☑No ☐Yes ☐Unknown **Date:** NA **Original Location:** NA
***B8. Related Features:**

None

B9a. Architect: Unknown b. Builder: Unknown
***B10. Significance: Theme** Agriculture **Area** Oakley

Period of Significance 1940s **Property Type** Residence **Applicable Criteria** NA

The residence at 2371 Oakley Road is part of the overall agricultural development and increased urbanization of the area immediately following WWII. This was due in part to satisfy the enormous postwar demand for new housing, and the continuing development of Oakley's viticulture industry which began in the late 1800's. The subject property is therefore part of that process of postwar transition and growth in the area, but does not meet Criterion 1: Event, as it is one of many unremarkable examples of small-scale, residential buildings from the period. The building is associated with Marion and Manuel Gonsalves, who immigrated to Oakley from the Madira Islands in 1938. The property is also associated with Ruth and Steven Gonsalves, and Marianne and Steven Harder. These individuals were thoroughly researched at the Contra Costa Records Office, archives at the Contra Costa Historical Society, and a search of the California Digital Newspaper Collection. The relative absence of these individuals from published accounts of the History of the City of Oakley indicates that they did not achieve a level of historic importance for the property to be considered eligible under Criterion 2: Person. The residence, built by unknown architects, displays many features of the gabled contemporary style: a low-pitched roof, close cropped eaves with exposed rafters, modern elements such as the large 16-lite windows and a combination of brick and stucco cladding. (McAlester and McAlester 2004). The residence is a standard, undistinguished example of common construction design and techniques from the immediate postwar period, and appears to have been renovated in recent years with some minor modifications made to the original design including the addition of a garage. As such, the building does not appear to be eligible for listing on the CR under Criteria 3: Architecture. Criterion 4: Information Potential, is most often used to evaluate archaeological sites or buildings that employ unusual building techniques. There is no evidence that the building in question exhibits any unusual construction features, or has the ability to contribute significant information to the overall history of Oakley. Therefore, the residence at 2371 Oakley Road does not appear to meet any of the criteria for historic and/or architectural significance required for listing on the CR. As such, it should not be considered a historical resource under CEQA. The building also does not appear to possess sufficient artistic merit or historical association to meet a local standard for historical importance. No analysis of integrity is required where the property fails to meet all four criteria.

B11. Additional Resource Attributes: (List attributes and codes) None
***B12. References:**

2004 A Field Guide to American Houses, by V. McAlester and L. McAlester
2016 NETR Historic Aerials

B13. Remarks:

(Sketch Map with north arrow required.)



***B14. Evaluator:** Dr. Dana DePietro
***Date of Evaluation:** 01/09/2019

(This space reserved for official comments.)

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

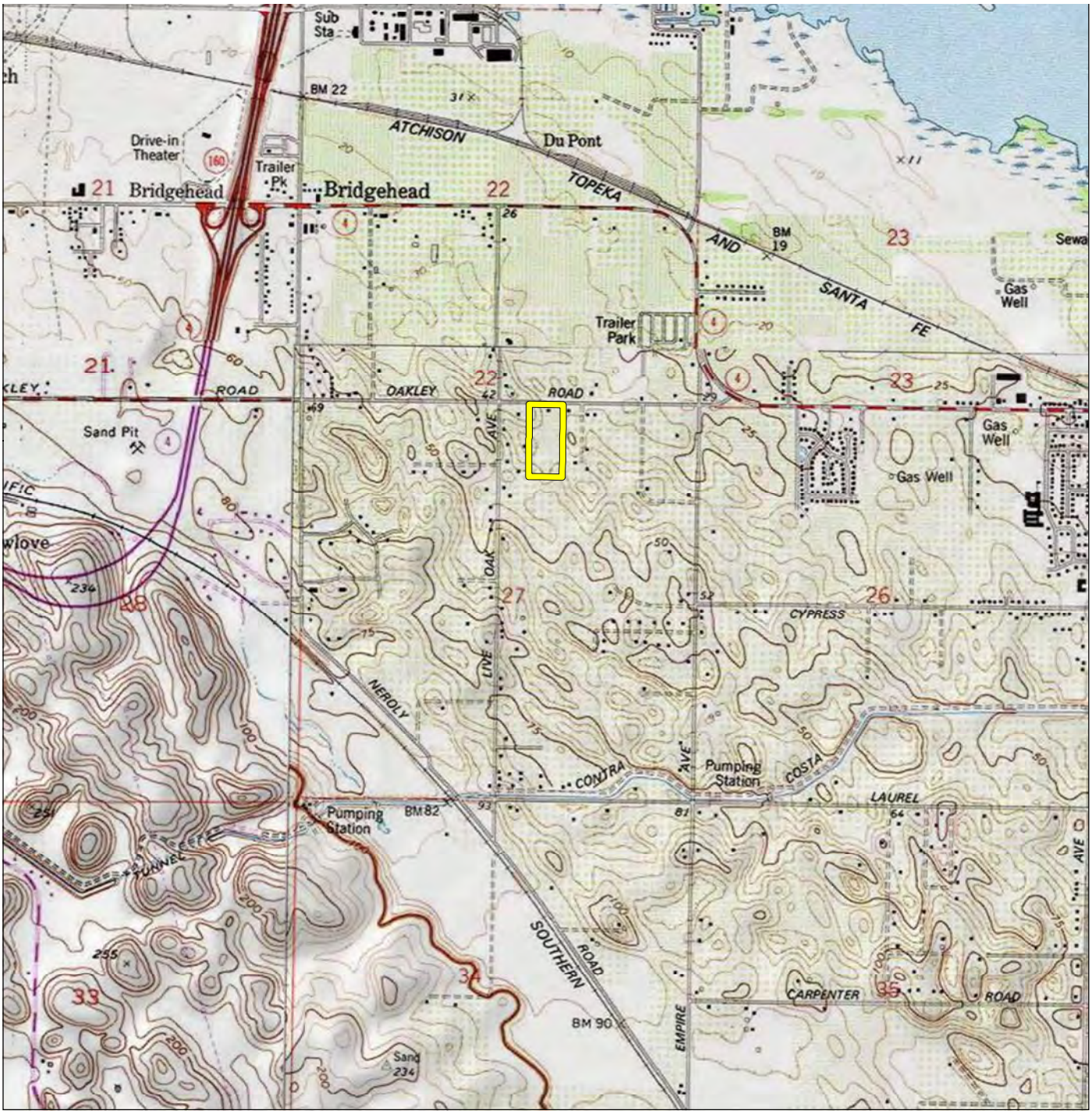
LOCATION MAP

Primary #
HRI#
Trinomial

Legend
Project Area

Page 3 **of** 3 ***Resource Name or #** (Assigned by recorder) _____

***Map Name:** USGS 7.5" Quad, Brentwood ***Scale:** 1:24,000 ***Date of map:** 1978



Source: USGS Brentwood (1978) 7.5' Quadrangle / T2N,R2E,sec27

FIRSTCARBON SOLUTIONS™

2,000 1,000 0 2,000
Feet

Exhibit 2
Local Vicinity Map
Topographic Base

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Appendix F:
Regulatory Framework

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REGULATORY FRAMEWORK

Local, state, and federal government agencies have developed laws and regulations designed to protect significant cultural resources that may be affected by projects regulated, funded, or undertaken by the agency. Federal and state laws that govern the preservation of historic and archaeological resources of national, state, regional, and local significance include the National Environmental Policy Act (NEPA), the National Historic Preservation Act (NHPA), and the California Environmental Quality Act (CEQA). In addition, laws specific to work conducted on federal lands include the Archaeological Resources Protection Act, the American Antiquities Act, and the Native American Graves Protection and Repatriation Act.

The following federal or CEQA criteria were used to evaluate the significance of potential impacts on cultural resources for the proposed project. An impact is considered significant if it would affect a resource eligible for listing in the National Register of Historic Places (NRHP) or the California Register of Historical Resources (CRHR), or if it is identified as a unique archaeological resource.

Federal-Level Evaluations

Federal agencies are required to consider the effects of their actions on historic properties and afford the Advisory Council on Historic Preservation (ACHP) a reasonable opportunity to comment on such undertakings under Section 106 of the NHPA regulations (36 CFR 800). Additionally, federal agencies are responsible for initiating NHPA Section 106 review and completing the steps outlined in these regulations. They must determine if NHPA Section 106 applies to a given project and, if so, initiate review in consultation with the State Historic Preservation Officer (SHPO) and/or the Tribal Historic Preservation Officer (THPO). Federal agencies are also responsible for involving the public and other interested parties. Furthermore, NHPA Section 106 requires that any federal or federally assisted undertaking, or any undertaking requiring federal licensing or permitting, consider the effect of the action on historic properties listed in or eligible for the NRHP. Under the Code of Federal Regulations (CFR), 36 CFR Part 800.8, federal agencies are specifically encouraged to coordinate compliance with NHPA Section 106 and the NEPA process. The implementing regulations "Protection of Historic Properties" are found in 36 CFR Part 800. Resource eligibility for listing on the NRHP is detailed in 36 CFR Part 63 and the criteria for resource evaluation are found in 36 CFR Part 60.4 [a–d].

The NHPA established the NRHP as the official federal list for cultural resources that are considered important for their historical significance at the local, state, or national level. To be determined eligible for listing in the NRHP, properties must meet specific criteria for historic significance and possess certain levels of integrity of form, location, and setting. The criteria for listing on the NRHP include—significance in American history, architecture, archaeology, engineering, and culture as present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and:

a.) That are associated with events that have made significant contributions to the broad patterns of our history; or

b.) That are associated with the lives of persons significant in our past; or

c.) That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that; represent a significant and distinguishable entity whose components may lack individual distinction; or

d.) That have yielded, or may be likely to yield, information important in prehistory or history.

Criterion D is usually reserved for archaeological resources. Eligible properties must meet at least one of the criteria and exhibit integrity, measured by the degree to which the resource retains its historical properties and conveys its historical character.

Criteria Considerations

Ordinarily, cemeteries, birthplaces, graves of historical figures, properties owned by religious institutions or used for religious purposes, buildings that have been moved from their original locations, reconstructed historic buildings, properties primarily commemorative in nature, and properties that have achieved significance within the past 50 years shall not be considered eligible for the NRHP. However, such properties will qualify if they are integral parts of districts that do meet the criteria or if they fall within the following categories:

a.) A religious property deriving primary significance from architectural or artistic distinction or historical importance.

b.) A building or structure removed from its original location but which is primarily significant for architectural value, or which is the surviving structure most importantly associated with a historic person or event.

c.) A birthplace or grave of a historical figure of outstanding importance if there is no appropriate site or building associated with his or her productive life.

d.) A cemetery that derives its primary importance from graves of persons of transcendent importance, from age, from distinctive design features, or from association with historic events.

e.) A reconstructed building when accurately executed in a suitable environment and presented in a dignified manner as part of a restoration master plan, and when no other building or structure with the same association has survived.

f.) A property primarily commemorative in intent if design, age, tradition, or symbolic value has invested it with its own exceptional significance.

g.) A property achieving significance within the past 50 years if it is of exceptional importance.

Thresholds of Significance

In consultation with the SHPO/THPO and other entities that attach religious and cultural significance to identified historic properties, the agency shall apply the criteria of adverse effect to historic

properties within the Area of Potential Effect (APE). The agency official shall consider the views of consulting parties and the public when considering adverse effects.

Federal Criteria of Adverse Effects

Under federal regulations, 36 CFR Part 800.5, an adverse effect is found when an undertaking alters, directly or indirectly, any of the characteristics of a historic property that qualifies the property for inclusion in the NRHP in a manner that diminishes the integrity of the property's location, design, setting, materials, workmanship, feeling, or association. Consideration will be given to all qualifying characteristics of a historic property, including those that may have been identified subsequent to the original evaluation of the property's eligibility for listing in the NRHP. Adverse effects may include reasonably foreseeable effects caused by the undertaking that may occur later in time, be farther removed in distance, or be cumulative.

According to 36 CFR Part 800.5, adverse effects on historic properties include, but are not limited to:

- Physical destruction of or damage to all or part of the property.
- Alteration of a property, including restoration, rehabilitation, repair, maintenance, stabilization, hazardous material remediation, and provision of handicapped access, that is not consistent with the U.S. Secretary of the Interior's Standards for the Treatment of Historic Properties per 36 CFR Part 68 and applicable guidelines.
- Removal of the property from its historic location.
- Change of the character of the property's use or of physical features within the property's setting that contribute to its historic significance.
- Introduction of visual, atmospheric, or audible elements that diminish the integrity of the property's significant historic features.
- Neglect of a property that causes its deterioration, except where such neglect and deterioration are recognized qualities of a property of religious and cultural significance to an Indian tribe or Native Hawaiian organization.
- Transfer, lease, or sale of property out of federal ownership or control without adequate and legally enforceable restrictions or conditions to ensure long term preservation of the property's historic significance.

If Adverse Effects Are Found

If adverse effects are found, the agency official shall continue consultation as stipulated in 36 CFR Part 800.6. The agency official shall consult with the SHPO/THPO and other consulting parties to develop alternatives to the undertaking that could avoid, minimize, or mitigate adverse effects to historic resources. According to 36 CFR Part 800.14(d), if adverse effects cannot be avoided then standard treatments established by the ACHP may be used as a basis for a Memorandum of Agreement (MOA).

According to 36 CFR Part 800.11(e), the filing of an approved MOA, and appropriate documentation, concludes the NHPA Section 106 process. The MOA must be signed by all consulting parties and approved by the ACHP prior to construction activities. If no adverse effects are found and the SHPO/THPO or the ACHP do not object within 30 days of receipt, the agencies' responsibilities under NHPA Section 106 will be satisfied upon completion of report and documentation as stipulated in 36 CFR Part 800.11. The information must be made available for public review upon request, excluding information covered by confidentiality provisions.

State-Level Evaluation Processes

An archaeological site may be considered a historical resource if it is significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California per Public Resources Code (PRC) Section 5020.1(j) or, if it meets the criteria for listing on the CRHR per the California Code of Regulations (CCR) at Title 14 CCR Section 4850.

The most recent amendments to the CEQA Guidelines direct lead agencies to first evaluate an archaeological site to determine if it meets the criteria for listing in the CRHR. If an archaeological site is a historical resource, in that it is listed or eligible for listing in the CRHR, potential adverse impacts to it must be considered as stated in PRC Sections 21084.1 and 21083.2(l). If an archaeological site is considered not to be a historical resource, but meets the definition of a "unique archeological resource" as defined in PRC Section 21083.2, then it would be treated in accordance with the provisions of that section.

With reference to PRC Section 21083.2, each site found within a project area will be evaluated to determine if it is a unique archaeological resource. A unique archaeological resource is described as an archaeological artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it meets one or more of the following criteria:

1. Contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information.
2. Has a special and particular quality such as being the oldest of its type or the best available example of its type.
3. Is directly associated with a scientifically recognized important prehistoric or historic event or person.

As used in this report, a "non-unique archaeological resource" means an archaeological artifact, object, or site that does not meet the criteria for eligibility for listing on the CRHR, as noted in subdivision (g) of PRC Section 21083.2. A non-unique archaeological resource requires no further consideration, other than the simple recording of its components and features. Isolated artifacts are typically considered non-unique archaeological resources. Historic structures that have had their superstructures demolished or removed can be considered historic archaeological sites and are evaluated following the processes used for prehistoric sites. Finally, the California State Office of

Historic Preservation recognizes an age threshold of 45 years. Cultural resources built less than 45 years ago may qualify for consideration, but only under the most extraordinary circumstances.

Title 14 of the CCR, Chapter 3, Section 15064.5, is associated with determining the significance of impacts to archaeological and historical resources. Here, the term historical resource includes the following:

1. A resource listed in, or determined eligible by the State Historical Resources Commission, for listing in the CRHR (PRC § 5024.1; Title 14 CCR § 4850, et seq.).
2. A resource included in a local register of historical resources, as defined in PRC Section 5020.1(k) or identified as significant in a historical resource survey meeting the PRC Section 5024.1(g) requirements, shall be presumed to be historically or culturally significant. Public agencies must treat any such resource as significant unless the preponderance of evidence demonstrates that it is not historically or culturally significant.
3. Any object, building, structure, site, area, place, record, or manuscript, which a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California may be considered a historical resource, provided the lead agency's determination is supported by substantial evidence in light of the whole record. Generally, a resource shall be considered by the lead agency to be historically significant if the resource meets the criteria for listing on the CRHR (PRC § 5024.1; Title 14 CCR § 4852) including the following:
   A. Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.
   B. Is associated with the lives of persons important in our past.
   C. Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values.
   D. Has yielded, or may be likely to yield, information important in prehistory or history.

Typically, archaeological sites exhibiting significant features qualify for the CRHR under Criterion D because such features have information important to the prehistory of California. A lead agency may determine that a resource may be a historical resource as defined in PRC Sections 5020.1(j) or 5024.1, even if it is:

- Not listed in or determined to be eligible for listing in the CRHR.
- Not included in a local register of historical resources pursuant to PRC Section 5020.1(k).
- Identified in a historical resources survey per PRC Section 5024.1(g).

Threshold of Significance

If a project will have a significant impact on a cultural resource, several steps must be taken to determine if the cultural resource is a "unique archaeological resource" under CEQA. If analysis

and/or testing determine that the resource is a unique archaeological resource and therefore subject to mitigation prior to development, a threshold of significance should be developed. The threshold of significance is a point where the qualities of significance are defined and the resource is determined to be unique under CEQA. A significant impact is regarded as the physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of the resource will be reduced to a point that it no longer meets the significance criteria. Should analysis indicate that project development will destroy the unique elements of a resource; CEQA regulations require that that the project implement appropriate and feasible mitigation measures. The preferred form of mitigation is to preserve the resource in place, in an undisturbed state. However, as that is not always possible or feasible, appropriate mitigation measures may include, but are not limited to:

1. Planning construction to avoid the resource.
2. Deeding conservation easements.
3. Capping the site prior to construction.

If a resource is determined to be a "non-unique archaeological resource," no further consideration of the resource by the lead agency is necessary.

Local Regulations

City of Oakley

The City of Oakley 2020 General Plan contains the following goals, policies, and actions that address cultural resources and are applicable to the proposed project:

General Plan Open Space and Conservation Element

Cultural Resources

- **Goal 6.4.** Encourage preservation of cultural resources within the Plan Area.
- **Policy 6.4.1.** Preserve areas that have identifiable and important archaeological or paleontological significance

Historical Resources

- **Goal 6.5.** Encourage preservation and enhancement of selected historic structures and features within the community.
- **Policy 6.5.1.** Promote the compatibility of new development located adjacent to existing structures of historic significance with the architecture and site development of the historic structure.
- **Policy 6.5.2.** Respect the character of the building and its setting during the remodeling and renovation of facades of historic buildings.
- **Policy 6.5.3.** Encourage the use of the State Historic Building Code for historic buildings and other structures that contribute to the City's historic character. Use flexibility when applying zoning regulations to historic sites and buildings.
- **Policy 6.5.4.** Recognize the value of Oakley's historic resources as an economic Development tool.

- **Policy 6.5.5.** Ensure that the integrity of historic structures and the parcels on which they are located are preserved through the implementation of applicable design, building, and fire codes.
- **Policy 6.5.6.** Work with property owners to preserve historic features within the community.

Tribal Consultation

The following serves as an overview of the procedures and timeframes for the Tribal Consultation process, for the complete Tribal Consultation Guidelines, please refer to the State of California Office of Planning and Research website.

Prior to the amendment or adoption of general or specific plans, local governments must notify the appropriate tribes of the opportunity to conduct consultation for the purpose of preserving or mitigating impacts to cultural places located on land within the local government's jurisdiction that is affected by the plan adoption or amendment. The tribal contacts for this list are maintained by the NAHC and are distinct from the Most Likely Descendent (MLD) list. It is suggested that local governments send written notice by certified mail with return receipt requested. The tribes have 90 days from the date they receive notification to request consultation. In addition, prior to adoption or amendment of a general or specific plan, local government must refer the proposed action to tribes on the NAHC list that have traditional lands located within the city or county's jurisdiction. Notice must be sent regardless of prior consultation. The referral must allow a 45-day comment period.

In brief, notices from the local government to the tribes should include:

- A clear statement of purpose.
- A description of the proposed general or specific plan, the reason for the proposal, and the specific geographic areas affected.
- Detailed maps to accompany the description.
- Deadline date for the tribes to respond.
- Government representative(s) contact information.
- Contact information for project proponent/applicant, if applicable.

The basic schedule for this process is:

- 30 days: time the NAHC has to provide tribal contact information to the local government; this is recommended, not mandatory.
- 90 days: time the tribe has to respond indicating whether or not they want to consult. Note: tribes can agree to a shorter timeframe. In addition, consultation does not begin until/unless requested by the tribe within 90 days of receiving notice of the opportunity to consult. The consultation period, if requested, is open-ended. The tribes and local governments can discuss issues for as long as necessary or productive, and need not result in agreement.

- 45 days: time the local government has to refer proposed action, such as adoption or amendment to a general or specific plan, to agencies, including the tribes. Referral is required even if there has been prior consultation. This opens the 45-day comment period.
- 10 days: time the local government has to provide the tribes with notice of a public hearing.

Appendix E:
Noise Supporting Information

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Summary					
Filename	LxT_Data.056				
Serial Number	4397				
Model	SoundTrack LxT®				
Firmware Version	2.301				
User					
Location					
Job Description					
Note					
Measurement Description					
Start	01/09/2019 15:33:26				
Stop	01/10/2019 15:52:36				
Duration	1 Day 00:19:10.4				
Run Time	1 Day 00:19:10.4				
Pause	0:00:00.0				
Pre Calibration	01/09/2019 15:30:08				
Post Calibration	None				
Calibration Deviation	---				
Overall Settings					
RMS Weight	A Weighting				
Peak Weight	A Weighting				
Detector	Slow				
Preamp	PRMLxT2L				
Microphone Correction	Off				
Integration Method	Linear				
Overload	124.6 dB				
	A	**C**	**Z**		
Under Range Peak	**80.8**	77.8	82.8	dB	
Under Range Limit	**27.1**	27.1	31.8	dB	
Noise Floor	18.0	18.0	22.6	dB	
Results					
LAeq	61.7	dB			
LAE	111.2	dB			
EA	14.532	mPa^2h			
EA8	4.780	mPa^2h			
EA40	23.902	mPa^2h			
LApeak (max)	01/09/2019 16:36:23	107.6	dB		
LASmax	01/10/2019 13:12:02	92.6	dB		
LASmin	01/10/2019 2:15:21	33.4	dB		
SEA	-99.9	dB			
LAS > 85.0 dB (Exceedence Counts / Duration)	7	18.3	s		
LAS > 115.0 dB (Exceedence Counts / Duration)	0	0.0	s		
LApeak > 135.0 dB (Exceedence Counts / Duration)	0	0.0	s		
LApeak > 137.0 dB (Exceedence Counts / Duration)	0	0.0	s		
LApeak > 140.0 dB (Exceedence Counts / Duration)	0	0.0	s		

Community Noise	**Ldn**	**LDay 07:00-22:00**	**LNight 22:00-07:00**	**Lden**	**LDay 07:00-19:00**	**LEvening 19:00-22:00**	**LNight 22:00-07:00**
	64.8	63.2	56.6	65.2	63.7	60.1	56.6
LCeq	70.3 dB						
LAeq	61.7 dB						
LCeq - LAeq	8.5 dB						
LAleq	64.2 dB						
LAeq	61.7 dB						
LAleq - LAeq	2.4 dB						
# Overloads	0						
Overload Duration	0.0 s						

Record #	Record Type	Date	Time	LAeq	LApeak	LASmax	LASmin
1	Calibration Change	09/01/2019	15:30:08	0.0	0.0	0.0	0.0
2	Run	09/01/2019	15:33:26	0.0	0.0	0.0	0.0
3		09/01/2019	15:33:26	62.7	103.4	75.8	44.9
4		09/01/2019	16:00:00	65.1	107.6	89.1	45.5
5		09/01/2019	17:00:00	65.6	95.0	80.8	47.3
6		09/01/2019	18:00:00	63.0	93.9	80.6	45.0
7		09/01/2019	19:00:00	60.9	91.7	77.4	44.4
8		09/01/2019	20:00:00	60.1	92.6	77.7	41.6
9		09/01/2019	21:00:00	59.2	98.3	83.4	39.6
10		09/01/2019	22:00:00	58.0	96.0	81.2	40.3
11		09/01/2019	23:00:00	56.1	91.3	74.2	36.5
12		10/01/2019	00:00:00	49.8	88.7	72.2	36.2
13		10/01/2019	01:00:00	51.4	87.8	74.9	35.6
14		10/01/2019	02:00:00	53.0	94.4	80.7	33.4
15		10/01/2019	03:00:00	55.3	88.4	79.0	37.9
16		10/01/2019	04:00:00	57.3	94.4	79.4	42.7
17		10/01/2019	05:00:00	58.5	90.5	77.6	44.0
18		10/01/2019	06:00:00	60.2	95.0	83.4	43.9
19		10/01/2019	07:00:00	63.8	100.3	85.3	47.5
20		10/01/2019	08:00:00	63.9	97.5	83.6	48.3
21		10/01/2019	09:00:00	61.7	95.4	83.1	38.6
22		10/01/2019	10:00:00	62.8	104.7	87.8	37.4
23		10/01/2019	11:00:00	62.5	94.4	83.3	36.9
24		10/01/2019	12:00:00	63.0	98.0	85.0	37.8
25		10/01/2019	13:00:00	64.7	103.4	92.6	36.6
26		10/01/2019	14:00:00	63.6	99.1	83.4	37.9
27		10/01/2019	15:00:00	64.1	99.1	86.3	39.1
28	Stop	10/01/2019	15:52:36	0.0	0.0	0.0	0.0

TABLE Existing-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 05/16/2019
ROADWAY SEGMENT: Oakley Road - Live Oak Avenue to Project Driveway
NOTES: Oakley II - Gonsalves - Existing

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 3600 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	DAY	NIGHT
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

---

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.31

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	50.4	108.0

TABLE Existing-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 05/16/2019
ROADWAY SEGMENT: Oakley Road - Project Driveway to Empire Avenue
NOTES: Oakley II - Gonsalves - Existing

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 3800 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: SOFT

---

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.47

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	54.9	113.1

TABLE Existing + Project-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 05/16/2019
ROADWAY SEGMENT: Oakley Road - Live Oak Avenue to Project Driveway
NOTES: Oakley II - Gonsalves - Existing + Project

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4000 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

---

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.77

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	54.1	115.9

TABLE Existing + Project-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 05/16/2019
ROADWAY SEGMENT: Oakley Road - Project Driveway to Empire Avenue
NOTES: Oakley II - Gonsalves - Existing + Project

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4000 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: SOFT

---

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.69

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	56.6	117.0

TABLE Background-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 05/16/2019
ROADWAY SEGMENT: Oakley Road - Live Oak Avenue to Project Driveway
NOTES: Oakley II - Gonsalves - Background

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5100 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	DAY	NIGHT
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

---

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.82

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	63.5	136.2

TABLE Background-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 05/16/2019
ROADWAY SEGMENT: Oakley Road - Project Driveway to Empire Avenue
NOTES: Oakley II - Gonsalves - Background

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5200 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: SOFT

---

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	66.4	138.8

TABLE Background + Project-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 05/16/2019
ROADWAY SEGMENT: Oakley Road - Live Oak Avenue to Project Driveway
NOTES: Oakley II - Gonsalves - Background + Project

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5500 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

---

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.15

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	66.7	143.2

TABLE Background + Project-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 05/16/2019
ROADWAY SEGMENT: Oakley Road - Project Driveway to Empire Avenue
NOTES: Oakley II - Gonsalves - Background + Project

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5500 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	DAY	NIGHT
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: SOFT

---

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.08

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	68.7	144.0

Appendix F:
Traffic Impact Analysis

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The Vines at Oakley

Traffic Impact Analysis

Oakley, CA

Administrative Draft Report

May 2019

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1. INTRODUCTION

This report describes results of the Transportation Impact Assessment (TIA) for a proposed residential development (The Vines) on Oakley Road in the City of Oakley in Contra Costa County.

Study Purpose

The purpose of the TIA is to evaluate potential transportation impacts that could result from the proposed project, identify short- and long-term multi-modal circulation needs where relevant to site access and/or project impacts, identify potential mitigation measures for any significant transportation impacts, and evaluate the adequacy of the proposed site plan for accommodating multi-modal site access and meeting City of Oakley Guidelines.

Report Overview

This report is organized into the following chapters:

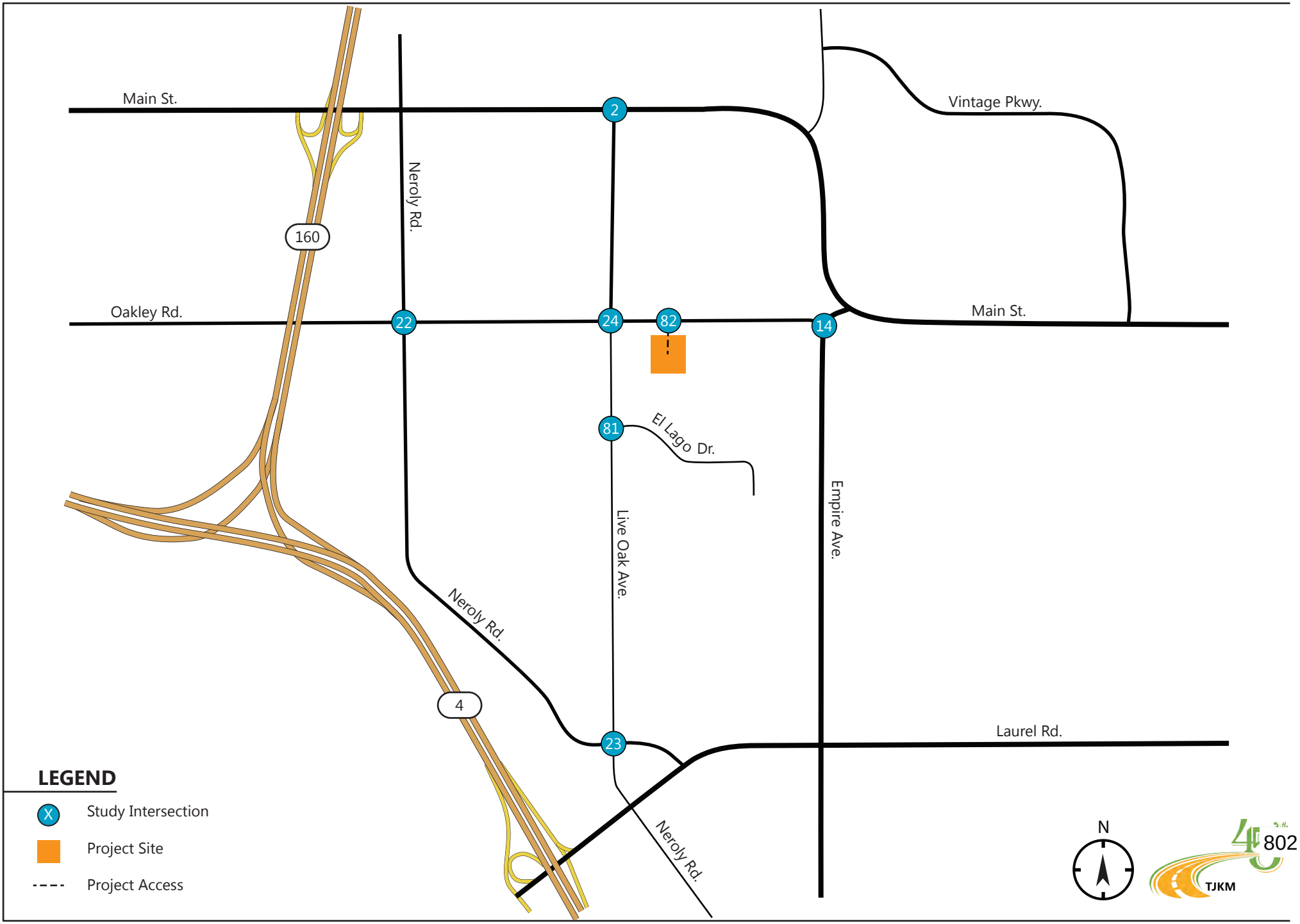
- **Chapter 1 Introduction** describes the study methodology, impact significance criteria and regulatory setting.
- **Chapter 2 Existing Conditions** describes existing transportation conditions in the study area.
- **Chapter 3 Project Conditions** provides a forecast of traffic volumes that would be generated by the proposed project, and assesses the significance of impacts to the transportation network resulting from the project under Existing plus Project conditions. In addition, Chapter 3 provides general recommendations concerning site ingress and egress provisions.
- **Chapter 4 Cumulative Impacts** provides an assessment of potential cumulative traffic impacts, based on forecasted traffic growth under Background Conditions (without the proposed project) and Background plus Project Conditions (with the addition of project-generated traffic).
- **Chapter 5 Site Analysis & Recommendations** provides site distance analysis, site access and on-site circulation assessment and recommendations.

Project Overview

The location of the project site is shown in **Figure 1**. The project site is located at 2371 Oakley Road in northwest Oakley, on the south side of Oakley Road between Live Oak Avenue and Beldin Lane. The project would provide 63 residential lots on a 9.37-acre site currently used for agricultural uses. The proposed site plan is illustrated in **Figure 2**. Direct access to the site would be provided for all travel modes to/from Oakley Road. Bicycle, pedestrian and emergency vehicle (EV) access would also be provided via Thomas Drive. Thomas Drive is proposed to have removable bollards. Access from Oakley Road would be via a gated, bidirectional access road. Sidewalks would be provided on both sides of each internal street, and a sidewalk would be provided on the project frontage along Oakley Road.

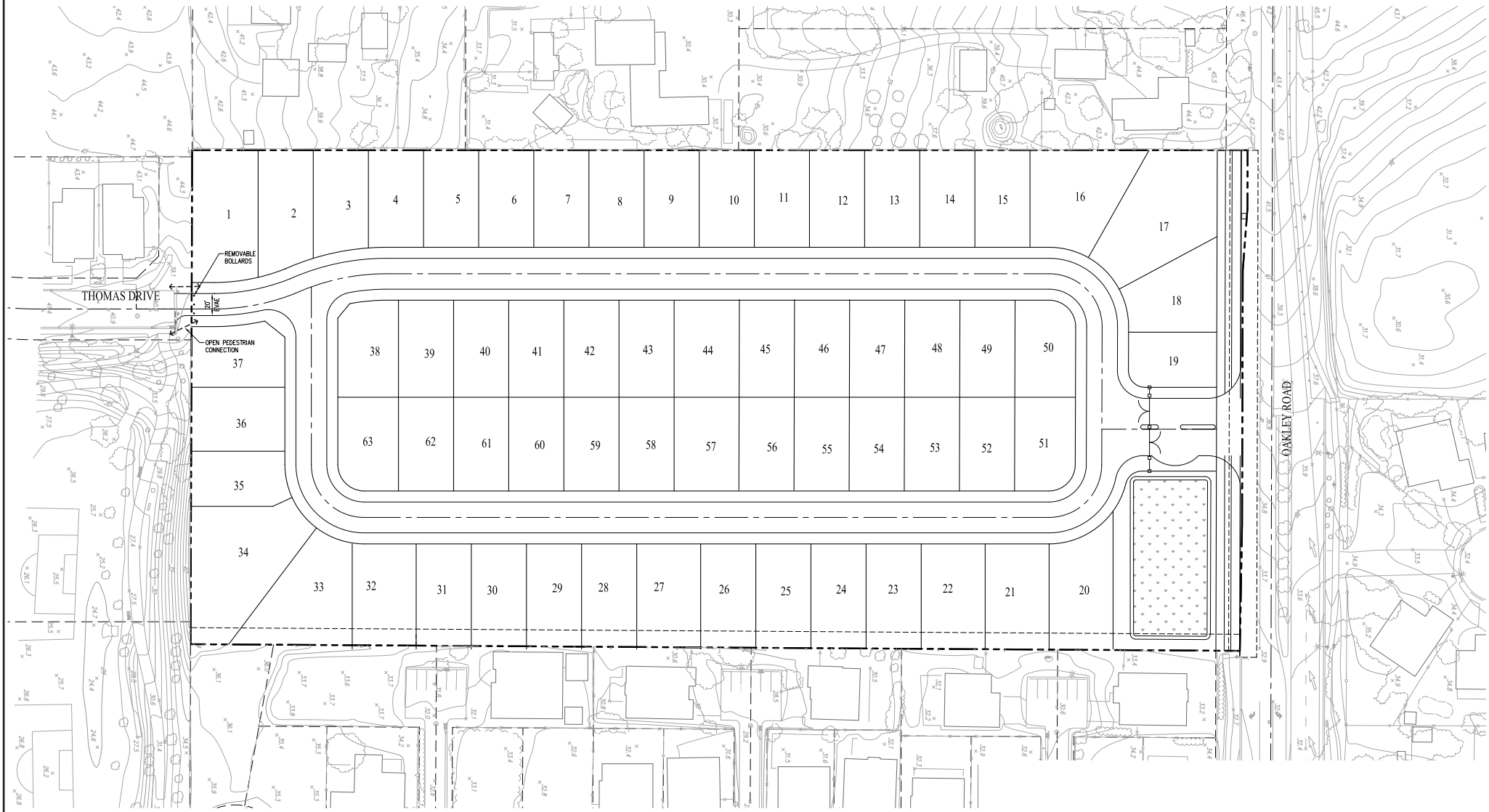
Although not shown on the project site plan: an existing raised median on Oakley Road would need to be modified to accommodate left-turns inbound and outbound.

Figure 1: Vicinity Map



270-026

Figure 2: Site Plan



Analysis Scenarios and Study Area

Potential transportation impacts were assessed based on the following scenarios addressed in this study:

- ***Existing Conditions*** – This scenario describes existing transportation conditions in the study area based on the current roadway and sidewalk network characteristics, transit service, field observations and intersection counts conducted on April 4, 2019.
- ***Existing plus Project Conditions*** – This scenario is similar to Existing Conditions but with the net new trips that would generated by the project.
- ***Background Conditions*** –This scenario describes the projected peak hour traffic operations based on the net change to travel patterns anticipated from approved (but not yet constructed) or fully/partially occupied developments in the City at the time of the Existing Conditions assessment. This includes additional trips that would be generated if the proposed developments were to operate at full occupancy. The conditions in this scenario were developed using the Vistro Model.
- ***Background plus Project Conditions*** – This scenario is similar to Background Conditions but with the inclusion of vehicle trips that would be generated by the project. The Background plus Project Conditions analysis provides an assessment of project impacts that takes into account other projects that would be completed within a similar timeframe as the project.

Study Intersections

TJKM evaluated transportation conditions at six existing study intersections, and one proposed new intersection that would serve the project site. Five intersections were evaluated based on conditions provided from the citywide model, and the remaining two study intersections were evaluated during a.m. (7:00 a.m.-9:00 a.m.) and p.m. (4:00 p.m.-6:00 p.m.) peak periods for a typical weekday with clear weather. The following study intersections were selected in consultation with City staff based on the anticipated trip generation and travel pattern for project trips:

- Live Oak Avenue/Main Street
- Empire Avenue/Oakley Road
- Neroly Road/Live Oak Avenue
- Neroly Road/Oakley Road
- Live Oak Avenue/Oakley Road
- Live Oak Avenue/El Lago Drive*
- Proposed Project Access/Oakley Road*

* Indicates new count location (not in citywide model)

Level of Service Methodology

Level of Service (LOS) is a qualitative measure that describes operational conditions as they relate to the traffic stream and perceptions by motorists and passengers. The LOS generally describes these conditions in terms of speed and travel time, delays, freedom to maneuver, traffic interruptions, comfort, convenience, and safety. The operational levels of service are given letter designations from A to F, with A representing the best operating conditions (free-flow with little or no delay) and F representing the worst conditions (severely congested flow with high delays). Intersections are generally the capacity-controlling locations, with respect to traffic operations, on arterial and collector streets.

Signalized Intersections

The study intersections under traffic signal control were analyzed using Highway Capacity Manual 6th Edition (HCM 6) Operations Methodology for Signalized Intersections (Transportation Research Board, 2016), as described in Chapter 19. This methodology determines LOS based on overall average control delay per vehicle for the intersection during peak hour operating conditions. Control delay includes initial deceleration delay, queue move-up time, stopped delay, and final acceleration delay. The average control delay for signalized intersections was calculated using Vistro analysis software version 7.00-04 and correlated to a LOS designation. **Table 1** presents the HCM 6 delay and LOS definitions.

Unsignalized Intersections

Stop-Control study intersections were analyzed using HCM 6 Operations Methodology for Unsignalized Intersections, as described in Chapters 20 and 21. LOS ratings for Stop-Control intersections are based on average control delay expressed in seconds per vehicle. At the side street of one-way stop-controlled intersections or two-way stop sign intersections, the control delay is calculated for each movement, not for the intersection as a whole. For approaches composed of a single lane, the control delay is computed as the average of all movements in that lane. The weighted average delay for the entire intersections is presented for all-way stop-controlled (AWSC) intersections, while the worst-movement delay is presented for side-street stop-controlled intersections. The average control delay for unsignalized intersections was calculated using Vistro analysis software version (7.00-04) and correlated to a LOS designation. At an unsignalized intersection, most of the major street traffic is not delayed, and by definition has acceptable conditions. The major street left-turn movements and minor street movements are all susceptible to delay of varying degrees. Generally, higher major street traffic volumes are associated with higher delay for minor movements. HCM 6 definitions for delay and LOS at unsignalized intersections are presented in **Table 1**. The analysis methodology described above was used to measure a.m. and p.m. peak hour traffic operations for all study intersections.

Table 1 describes the LOS thresholds from HCM 6 for intersections. The intersection LOS thresholds differ between signalized and unsignalized intersections.

Table 1: Level of Service Thresholds Based on Intersection Control Delay

Level of Service	Description	Signalized Intersection Delay (D) (sec)	Unsignalized Intersection Delay (D) (sec)
A	Very low control delay, up to 10 seconds per vehicle. Progression is extremely favorable, and most vehicles arrive during the green phase. Many vehicles do not stop at all. Short cycle lengths may tend to contribute to low delay values.	0 ≤ D ≤ 10	0 ≤ D ≤ 10
B	Control delay greater than 10 and up to 20 seconds per vehicle. There is good progression or short cycle lengths or both. More vehicles stop causing higher levels of delay.	10 < D ≤ 20	10 < D ≤ 15
C	Control delay greater than 20 and up to 35 seconds per vehicle. Fair progression or longer cycle lengths, or both cause higher delays. Individual cycle failures may begin to appear. Cycle failure occurs when a given green phase does not serve queued vehicles and overflow occurs. The number of vehicles stopping is significant, though many still pass through the intersection without stopping.	20 < D ≤ 35	15 < D ≤ 25
D	Control delay greater than 35 and up to 55 seconds per vehicle. The influence of congestions becomes more noticeable. Longer delays may result from some combination of unfavorable progression, long cycle lengths, or high volumes. Many vehicles stop, the proportion of vehicles not stopping declines. Individual cycle failures are noticeable.	35 < D ≤ 55	25 < D ≤ 35
E	Control delay greater than 55 and up to 80 seconds per vehicle. The limit of acceptable delay. High delays usually indicate poor progression, long cycle lengths, and high volumes. Individual cycle failures are frequent.	55 < D ≤ 80	35 < D ≤ 50
F	Control delay in excess of 80 seconds per vehicle. Unacceptable to most drivers. Oversaturation, arrival flow rates exceed the capacity of the intersection. Many individual cycle failures. Poor progression and long cycle lengths may also be contributing factors to higher delay.	80 < D	50 < D

Source: HCM 6th Edition

Regulatory Setting

All Contra Costa jurisdictions, including the City of Oakley, participate in the *Measure J – Growth Management Program*. The overall goal of this program is to achieve a cooperative process for Growth Management on a countywide basis, while maintaining local authority over land use decisions and the establishment of performance standards. Using a formula based on road miles and population, Contra Costa County Transportation Authority (CCTA) allocates 18 percent of sales tax revenues to local jurisdictions that comply with Growth Management requirements. Oakley participates in the Measure C program as a member of the TRANSPLAN subregional transportation planning committee, which consists of the Cities of Antioch, Oakley, and Pittsburg, and Contra Costa County.

The Contra Costa Transportation Authority (CCTA) serves as the Congestion Management Agency (CMA) for Contra Costa County. CCTA adopted the most recent Congestion Management Program (CMP) in 2015. The 2015 CMP requires an analysis of any project that is expected to generate more than 100 peak hour vehicle trips.

Significant Impact/Level of Service Standards

Per the City of Oakley General Plan, LOS D or a volume-to-capacity (V/C) ratio of 0.90 are the thresholds of acceptability for signalized intersections. Any signalized intersection operating worse than LOS D would be considered inconsistent with this standard. For this study, the study intersections were analyzed using HCM 6th Edition Methodology as per the City's guidance. Average control delay is reported in seconds per vehicle for signalized and all-way-stop-control intersections and critical delay for minor approaches is reported for two-way-stop-control intersections. Signalized intersections or unsignalized intersection operating worse than LOS D are considered inconsistent with the City's standard.

Appendix G of the State CEQA Guidelines includes significance criteria for potential transportation impacts. These include whether a project would result in one of the following:

- Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, bicycle and pedestrian paths, and mass transit.
- Conflict with an applicable congestion management program, including, but not limited to LOS standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways.
- Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks.
- Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment).
- Result in inadequate emergency access.
- Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities.

2. EXISTING CONDITIONS

Roadway Network

Key roadways and freeways in the vicinity are discussed below.

State Route (SR) 4 – SR 4 is a major east-west freeway that connects Oakley with adjacent cities and regional freeways. SR 4 serves as a major route connecting Oakley to the greater Bay Area and providing connection between Contra Costa County and San Joaquin County. SR 4 typically has two to three travel lanes in each direction with the posted speed limit of 65 miles per hour (mph).

State Route (SR) 160 – SR 160 is a north-south freeway that connects SR 4 with Main Street and other destinations. This roadway serves as a major route connecting Oakley with Sacramento County to the north, and with SR 4 to the west. SR 160 typically has two lanes in each direction, narrowing to one lane per direction north of the Antioch Bridge toll plaza.

Oakley Road – Oakley Road is a two-lane, east-west minor arterial that connects the City of Oakley and the City of Antioch. It extends west of SR 160 in Antioch to its eastern terminus at Empire Avenue. Oakley Road provides access to residential, agricultural and commercial uses on both sides of the roadway. Posted speed limits on Oakley Road range from 30 mph to 45 mph, with a posted speed limit of 35 mph in the vicinity of the project.

Main Street – Main Street is a two to four lane major arterial roadway. Main Street is currently the major north-south transportation corridor in the City of Oakley. Mixed residential, commercial, and agricultural uses characterize the lands along both sides of Main Street between Rose Avenue and Laurel Avenue. Maximum speeds posted on Main Street are 35 miles per hour (mph) west of Rose Avenue, 45 mph between Rose Avenue and Bernard Road, and 40 mph south of Bernard Road.

Empire Avenue – Empire Avenue is a four-lane, north-south divided arterial roadway. Empire Avenue extends north of Oakley Street and travels beyond Shady Willow Lane to the south. It provides access to local residential and regional commercial areas. The posted speed limit is 40 mph in the southbound direction and 45 mph in the northbound direction.

Neroly/Bridgehead Road – Neroly Road/Bridgehead Road is a two-lane, north-south roadway connecting Oakley and Brentwood. This roadway provides local access to residential and commercial developments.

Live Oak Avenue – Live Oak Avenue is a two-lane roadway extending from Main Street to the north to Neroly Road to the south. In the project vicinity, Live Oak Avenue serves as a two-lane, bidirectional connection between Oakley Road and Main Street. The roadway has posted speed of 40 mph in the project area and is likely to serve vehicle and pedestrian traffic between the project site and Orchard Park School to the north. An extension of Live Oak Avenue, as a major arterial, is anticipated to be constructed by 2030 to proposed industrial areas in the north with grade-separated crossings at the railroad tracks.

El Lago Drive – El Lago Drive, is a two lane, east-west undivided roadway. El Lago Drive extends from Live Oak Avenue in the west and terminates at El Monte Drive in the east. The posted speed limit on El Lago Drive is 25 mph.

Pedestrian Facilities

Walkability is defined as the ability to travel easily and safely between various origins and destinations without having to rely on automobiles or other motorized travel. The ideal "walkable" community includes wide sidewalks, a mix of land uses providing residential, employment, and shopping opportunities, minimal conflict points with vehicle traffic, and access to transit facilities and services.

Pedestrian facilities are comprised of crosswalks, sidewalks, pedestrian signals, and off-street paths, which provide safe and convenient routes for pedestrians to access destinations such as institutions, businesses, public transportation, and recreation facilities.

Near the project site: intermittent sidewalks are provided on both sides of Oakley Road, with buffered sidewalks provided on the north side of Oakley Road connecting to Live Oak Avenue. Sidewalks are not yet provided on the project frontage bordering Oakley Road.

Bicycle Facilities

Bicycle facilities include the following:

- **Multi-Use Paths (Class I)** – A path physically separated from motor vehicle traffic by an open space or barrier, and either within a highway or an independent right-of-way (ROW), used by bicyclists, pedestrians, joggers, skaters, and other non-motorized travelers. Class I paths are the most popular type of facility. Because the availability of uninterrupted ROW is limited, this type of facility may be difficult to locate and expensive to build, relative to other types of bicycle facilities, but inexpensive compared to new roadways. Ideal locations for bike paths are areas such as powerline easements, utility easements, canal banks, river levees, drainage easements, railroad or highway ROW, or regional community parks.
- **Bike Lanes (Class II)** – A portion of a roadway designated by striping and pavement markings for the preferential or exclusive use of bicyclists. Bike lanes are intended to promote an orderly flow of bicycle and vehicle traffic. This type of facility is established by using the appropriate striping, pavement legends, and signs.
- **Bike Routes (Class III)** – Bike routes are shared facilities between bicycle and motor vehicle traffic. They provide for specific bicycle demand and may be used to connect discontinuous segments of bike lanes. In addition, bike routes are located on residential streets and rural roads. If the pavement width is sufficient, and traffic volume/speeds warrant, an edge line may be painted to further delineate the bike route. Bike routes are signed with the G-93 Bike Route marker but no striping or legends are required.

The City of Oakley General Plan (September 2002), City of Oakley Parks, Recreation, and Trails Master Plan (Summer 2007), and the Contra Costa County Bicycle and Pedestrian Plan (October 2009) propose that several new bicycle facilities be constructed in the future.

The existing striped shoulder on Oakley Road accommodates bicyclists under existing conditions.

Existing Transit Facilities

Tri-Delta Transit provides transit services in the City of Oakley, with three lines connecting Brentwood and the Pittsburg/Bay Point Bay Area Rapid Transit (BART) station.

- *Route 300,* the Pittsburg BART/Brentwood Park & Ride route, is a weekday express route connecting Brentwood to the Pittsburg/Bay Point BART station via Oakley and Antioch. This bus travels along Main Street, operating from 4:15 a.m. to approximately 10:00 p.m. with 15 to 30-minute headways.
- *Route 383,* the Oakley/Antioch/Freedom High School route, connects Oakley to Antioch and Freedom High School in Oakley. This route, in both clockwise and counterclockwise directions, provides only weekday service. The counterclockwise route runs with approximate one-hour headways, and the clockwise route runs twice during the a.m. peak hour period only.
- *Route 391,* the BART/Pittsburg/Antioch/Oakley/Brentwood route, provides weekday service to most East County Cities. The route operates from 4:00 a.m. to 1:15 a.m. with 30 to 60-minute headways.
- *Route 393*, the BART/Pittsburg/Antioch/Oakley/Brentwood route, provides weekend service to Route 391. The route operates from 5:20 a.m. to 2:00 a.m. with approximately 60-minute headways.

Table 2 summarizes the services and frequency during the weekday and on weekends for transit in the City of Oakley. **Figure 3** shows a map of transit routes operated by Tri-Delta Transit.

At the project site, the nearest bus stops are located at the intersections of Main Street/Empire Avenue (0.5 miles east of the project site) served by Routes 300, 383,391, and 393, and Empire Avenue/Gamay Drive (0.6 miles east and south of the project site) served by Route 383.

Table 2: Existing Transit Facilities

Route	From	To	Weekdays		Saturday		Sunday	
			Hours	Headway (min)	Hours	Headway (min)	Hours	Headway (min)
300	Pittsburg/ Bay Point BART Station	Brentwood Park & Ride	4:15 a.m. – 10:00 p.m.	10-30	....	....	....	....
383	Antioch Park & Ride	Antioch Park & Ride 1	6:52 a.m. – 5:26 p.m.	60-120	....	....	....	....
391	Pittsburg/ Bay Point BART Station	Brentwood Park & Ride	4:03 a.m. - 1:14 a.m.	30-60	....	....	....	....
393	Pacifica & Mariners Cove	Brentwood Park & Ride	....	....	5:22 a.m. – 1:39 a.m.	60	6:24 a.m. – 1:49 a.m.	60

Source: www.trideltatransit.com

Figure 3: Transit Service Map



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Existing Peak Hour Intersection Volumes

Turning movement volumes for vehicles, bicycles and pedestrians at most study intersections (with the exception of the two intersections at Live Oak Avenue/El Lago Drive and Proposed Project Access/Oakley Road) were provided by the City of Oakley Citywide Traffic Model for the a.m. and p.m. peak hours. To determine existing volumes at the remaining locations new counts were conducted during the a.m. (7:00 a.m.-9:00 a.m.) and p.m. (4:00 p.m.-6:00 p.m.) peak periods on Thursday, April 4, 2019. Existing lane geometry and intersection controls are illustrated in **Figure 4.** Existing turning movement volumes at each existing study intersection are illustrated on **Figure 5**. **Appendix A** includes all of the data sheets for the collected vehicle, bicycle and pedestrian counts.

Existing Conditions Traffic Level of Service Analysis

Table 3 summarizes peak hour levels of service at the six study intersections under Existing Conditions. Detailed LOS worksheets for this scenario are provided in **Appendix B**. Each of the study intersections operate at an acceptable LOS C or better under Existing Conditions.

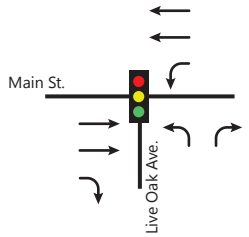
Table 3: Existing Conditions Traffic Level of Service Analysis Results

ID	Intersection	Control	Peak Hour	Existing Conditions	
				Average Delay[1]	LOS[2]
2	Live Oak Avenue / Main Street	Signalized	A.M.	18.8	B
			P.M.	7.2	A
14	Empire Avenue / Oakley Road	Signalized	A.M.	21.6	C
			P.M.	27.7	C
22	Neroly Road / Oakley Road	All-way Stop	A.M.	10.2	B
			P.M.	9.6	A
23	Neroly Road / Live Oak Avenue	All-way Stop	A.M.	12.2	B
			P.M.	10.3	B
24	Live Oak Avenue / Oakley Road	All-way Stop	A.M.	18.4	C
			P.M.	9.0	A
81	Live Oak Avenue / El Lago Drive	One-way Stop	A.M.	11.8	B
			P.M.	9.7	A
82	Proposed Project Access / Oakley Road	One-way Stop	A.M.	N/A	---
			P.M.	N/A	---

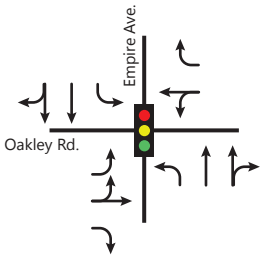
Notes: [1]Delay: Average control delay in seconds per vehicle, reported values are overall for signalized and all-way-stop-control intersections; and critical minor approaches for two-way- stop-control intersections.
[2]LOS: Level of Service.

Figure 4: Existing Lane Geometry & Traffic Control

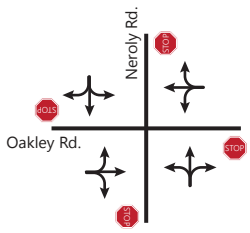
Intersection #2
Live Oak Ave. / Main St.



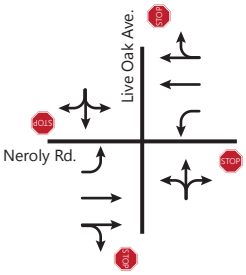
Intersection #14
Empire Ave. / Oakley Rd.



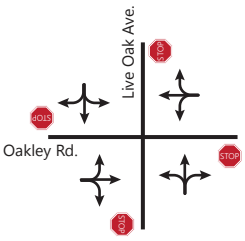
Intersection #22
Neroly Rd. / Oakley Rd.



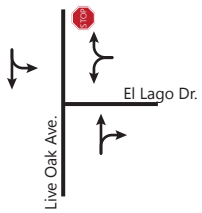
Intersection #23
Neroly Rd. / Live Oak Ave.



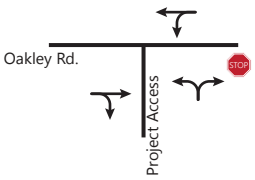
Intersection #24
Live Oak Ave. / Oakley Rd.



Intersection #81
Live Oak Ave. / El Lago Dr.



Intersection #82
Oakley Rd. / Project Access



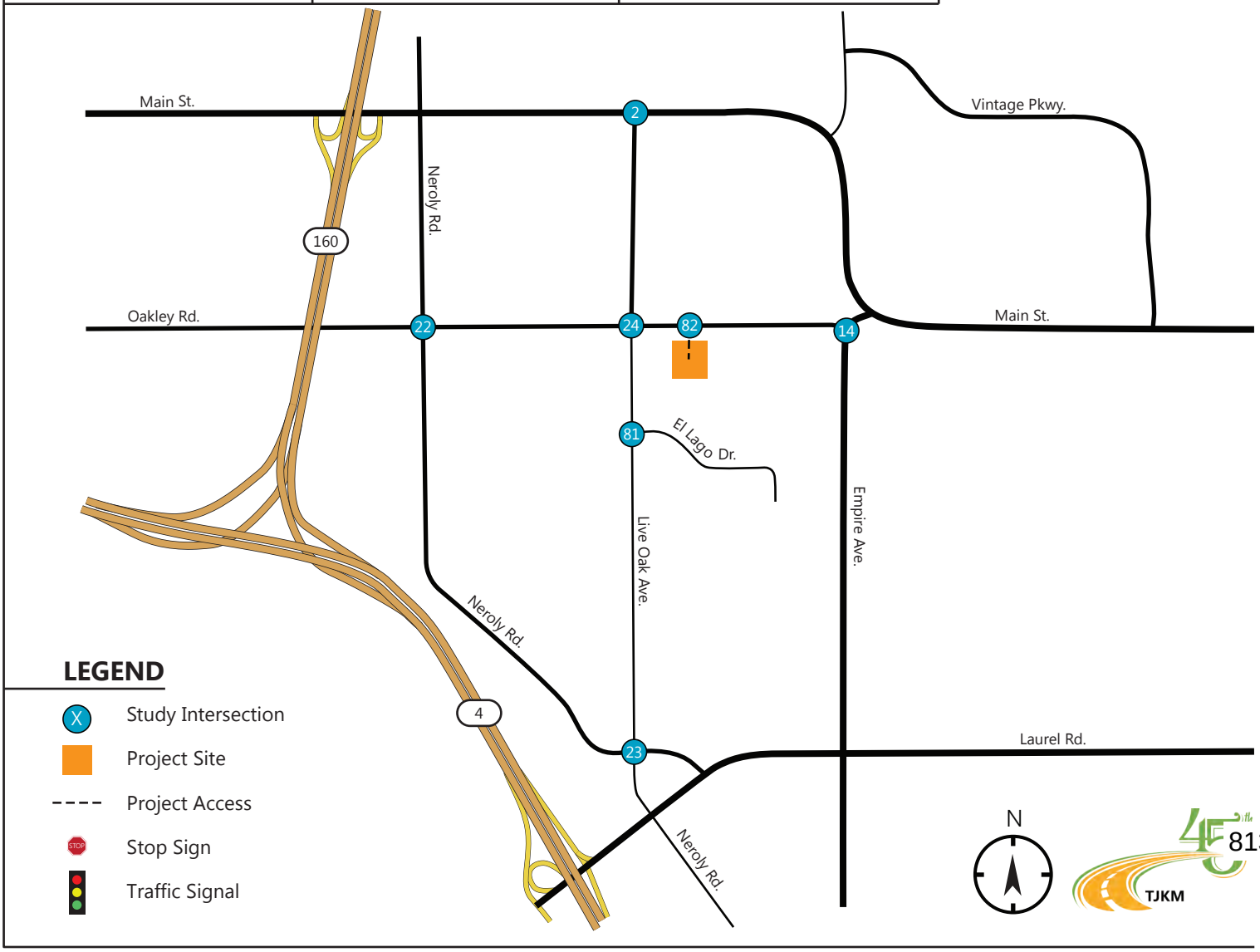
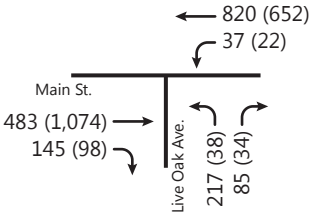
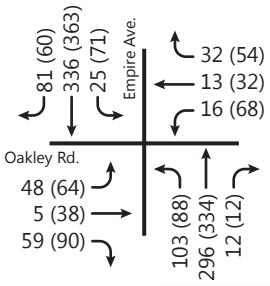


Figure 5: Existing Peak Hour Traffic Volumes

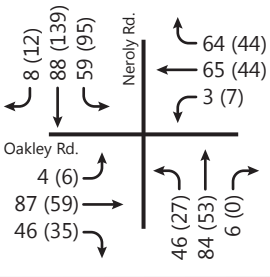
Intersection #2
Live Oak Ave. / Main St.



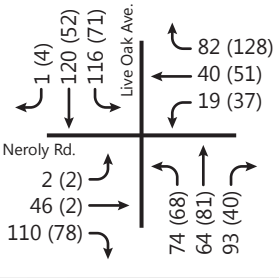
Intersection #14
Empire Ave. / Oakley Rd.



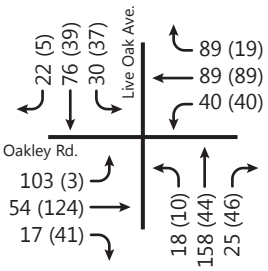
Intersection #22
Neroly Rd. / Oakley Rd.



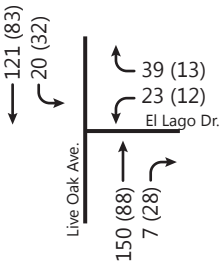
Intersection #23
Neroly Rd. / Live Oak Ave.



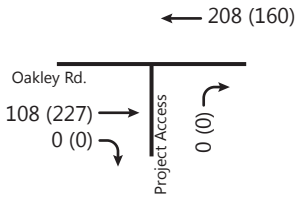
Intersection #24
Live Oak Ave. / Oakley Rd.

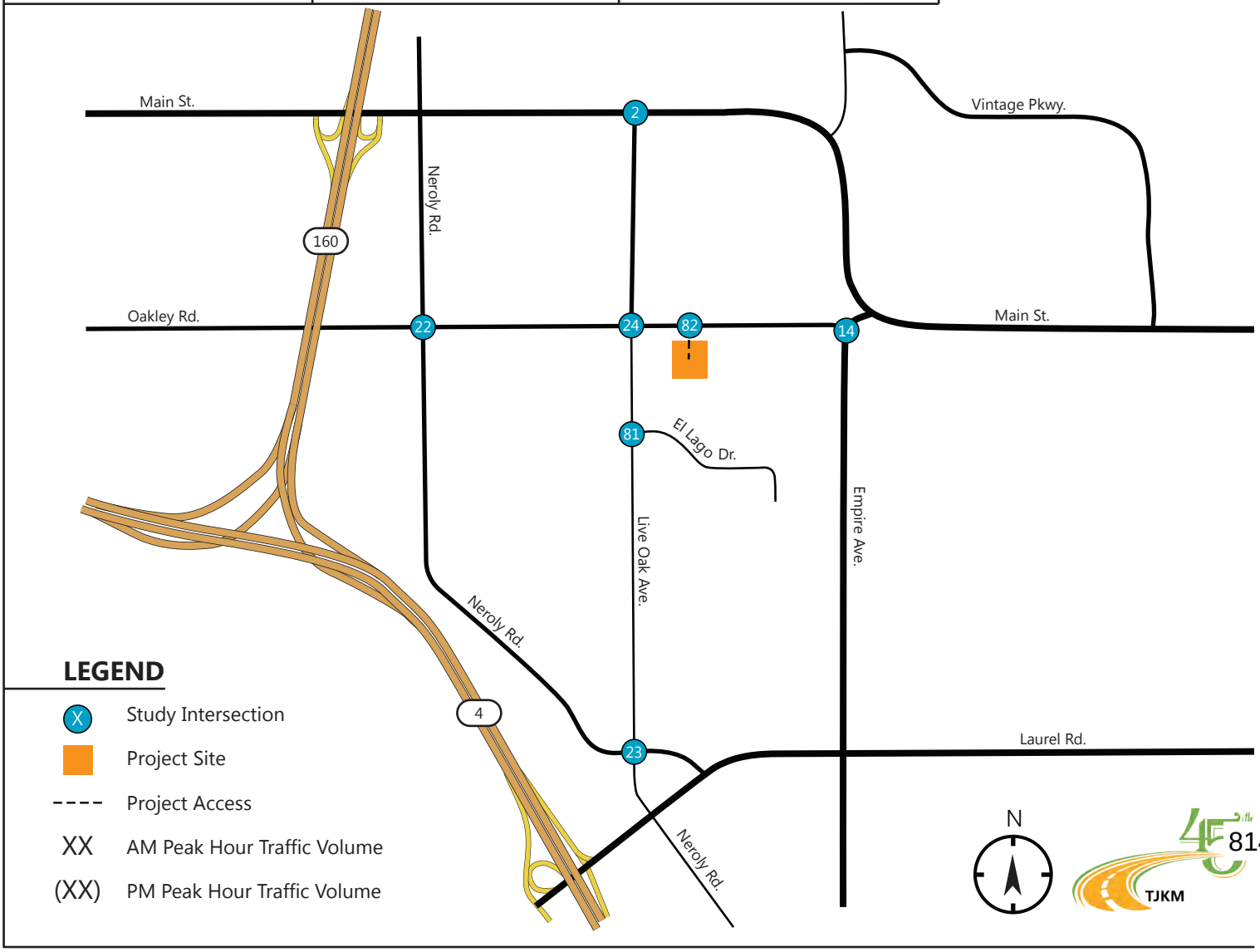


Intersection #81
Live Oak Ave. / El Lago Dr.



Intersection #82
Oakley Rd. / Project Dwy.





270-026

3. PROJECT CONDITIONS

Project Trip Generation

The project vehicle trip generation rates were obtained from the reference *Trip Generation, 10th Edition*, published by the Institute of Transportation Engineers (ITE). Based on the applicable rates single-family detached housing, the Project is forecasted to generate 595 daily vehicle trips, including 47 a.m. peak hour and 62 p.m. peak hour vehicle trips, as summarized in **Table 4**.

Table 4: Project Vehicle Trip Generation

Land Use (ITE Code)	Size	Daily Vehicle Trips		AM Peak Hour Vehicle Trips					PM Peak Hour Vehicle Trips				
		Rate	Trips	Rate	In/ Out (%)	In	Out	Total	Rate	In/ Out (%)	In	Out	Total
Single Family Detached Housing (210)	63 du[1]	9.44	**595**	0.74	25/ 75	12	35	**47**	0.99	63/ 37	39	23	**62**
Total			**595**					**47**					**62**

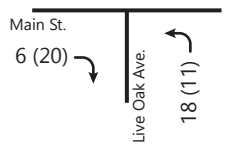
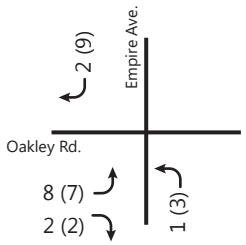
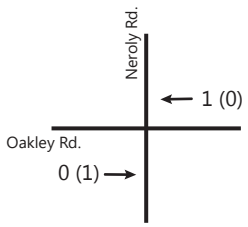
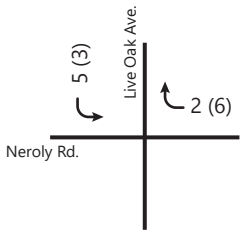
Note: [1] du= dwelling units.
Source: ITE *Trip Generation Manual*, 10th Edition

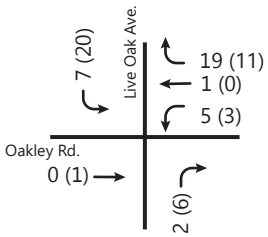
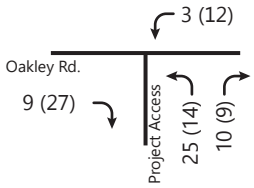
Vehicle Trip Distribution & Assignment

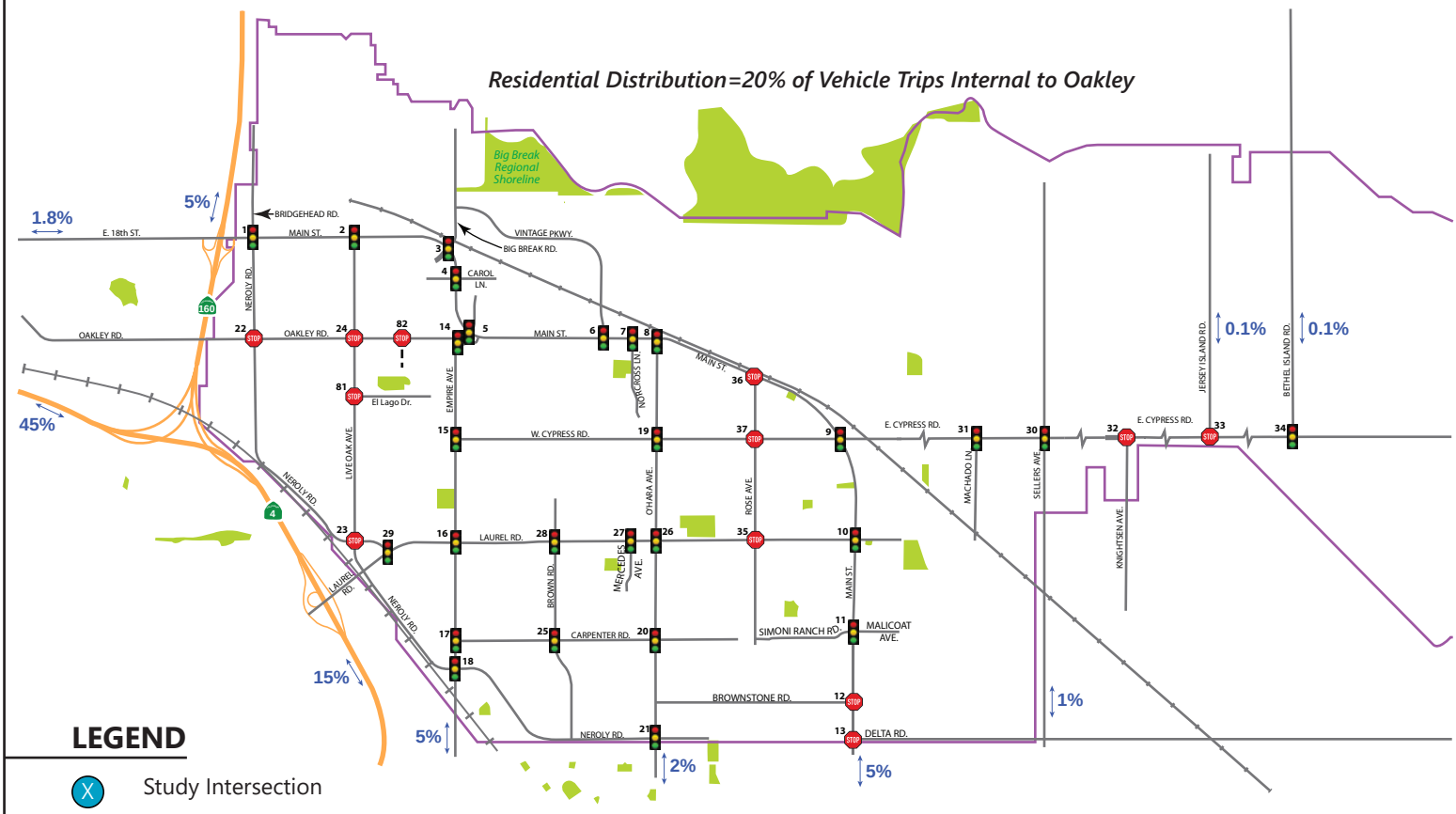
The distribution of peak-hour vehicle trips generated by the project was determined based on the methodology used for the Citywide Traffic Model. Based on that methodology: for residential developments, 45 percent of peak-hour trips are to/from origins and designations west of Oakley via SR 4; 15 percent are to/from origins and destinations south/east of Oakley via SR 4; five percent are to/from origins and destinations north of Oakley via California 160; 15 percent are to/from other destinations near Oakley via other routes; and 20 percent are internal to Oakley. Based on that distribution: peak-hour vehicle trips generated by the project were manually assigned to each study intersection.

Figure 6 illustrates the distribution of project trips to origins/destinations, and the assignment of project trips to study intersections based on the anticipated path(s) of travel.

Figure 6: Project Trips

Intersection #2 Live Oak Ave. / Main St.	**Intersection #14** Empire Ave. / Oakley Rd.	**Intersection #22** Neroly Rd. / Oakley Rd.	**Intersection #23** Neroly Rd. / Live Oak Ave.
			

Intersection #24 Live Oak Ave. / Oakley Rd.	**Intersection #81** Live Oak Ave. / El Lago Dr.	**Intersection #82** Oakley Rd. / Project Access
		



LEGEND

- X — Study Intersection
- Project Site
- ---- Project Access
- XX — AM Peak Hour Traffic Volume
- (XX) — PM Peak Hour Traffic Volume

N

816

TJKM

Existing plus Project Conditions Traffic Analysis

Table 5 summarizes peak hour levels of service at the study intersections under Existing plus Project Conditions, based on the addition of project trips to each study intersection. Detailed LOS worksheets for this scenario are provided in **Appendix C**. Each of the study intersections operate at an acceptable LOS C or better under Existing plus Project Conditions. Based on the City of Oakley impact criteria, the project is expected to have a less-than-significant impact at all the study intersections.

Table 5: Existing plus Project Conditions Traffic Level of Service Analysis Results

ID	Intersection	Control	Peak Hour	Existing Conditions		Existing plus Project Conditions		
				Average Delay[1]	LOS[2]	Average Delay[1]	LOS[2]	Significant LOS Impact?
2	Live Oak Avenue / Main Street	Signalized	A.M.	18.8	B	19.6	B	No
			P.M.	7.2	A	7.5	A	No
14	Empire Avenue / Oakley Road	Signalized	A.M.	21.6	C	21.9	C	No
			P.M.	27.7	C	27.9	C	No
22	Neroly Road / Oakley Road	All-way Stop	A.M.	10.2	B	10.2	B	No
			P.M.	9.6	A	9.6	A	No
23	Neroly Road / Live Oak Avenue	All-way Stop	A.M.	12.2	B	12.4	B	No
			P.M.	10.3	B	10.3	B	No
24	Live Oak Avenue / Oakley Road	All-way Stop	A.M.	18.4	C	20.3	C	No
			P.M.	9.0	A	9.3	A	No
81	Live Oak Avenue / El Lago Drive	One-way Stop	A.M.	11.8	B	11.8	B	No
			P.M.	9.7	A	9.8	A	No
82	Proposed Project Access / Oakley Road	One-way Stop	A.M.	N/A	---	11.8	B	No
			P.M.	N/A	---	11.4	B	No

Notes: [1]Delay: Average control delay in seconds per vehicle, reported values are overall for signalized and all-way-stop-control intersections; and critical minor approaches for two-way- stop-control intersections.
[2]LOS: Level of Service.

Pedestrian, Bicycle, and Transit Impacts

Impact findings relevant to the CEQA checklist are described below:

- *Would the project conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities.*

The proposed project does not conflict with existing and planned pedestrian or bicycle facilities, and will add relatively few trips to existing transit facilities, which can be accommodated by the existing transit capacity. Therefore, impacts to pedestrian, bicycle, and transit facilities are **less-than-significant**.

4. CUMULATIVE IMPACTS

This scenario evaluates the project's contribution to potential background traffic impacts.

Traffic Growth

Using the calibrated and validated Citywide Traffic Model, additional traffic projected to be generated from approved developments was forecasted for Background Conditions. The Background Conditions scenario includes additional traffic that would be generated by various specific plans and approved projects completed within the City of Oakley.

Figure 7 shows the forecasted volumes at each intersection under Background Conditions, based on the Oakley Citywide Traffic Model. **Table 6** summarizes peak hour levels of service at the study intersections under Background Conditions, without the proposed Project. Detailed LOS worksheets for this scenario are provided in **Appendix D**. Each of the study intersections operate at an acceptable LOS D or better under Background Conditions.

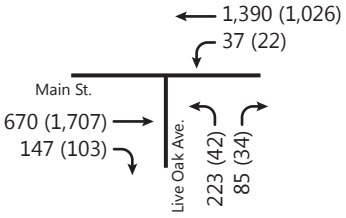
Table 6: Cumulative Traffic Level of Service – Background Conditions without Project

ID	Intersection	Control	Peak Hour	Background Conditions	
				Average Delay[1]	LOS[2]
2	Live Oak Avenue / Main Street	Signalized	A.M.	18.6	B
			P.M.	8.2	A
14	Empire Avenue / Oakley Road	Signalized	A.M.	24.2	C
			P.M.	33.5	C
22	Neroly Road / Oakley Road	All-way Stop	A.M.	11.5	B
			P.M.	11.8	B
23	Neroly Road / Live Oak Avenue	All-way Stop	A.M.	16.8	C
			P.M.	12.8	B
24	Live Oak Avenue / Oakley Road	All-way Stop	A.M.	31.6	D
			P.M.	10.3	B
81	Live Oak Avenue / El Lago Drive	One-way Stop	A.M.	13.9	B
			P.M.	10.7	B
82	Proposed Project Access / Oakley Road	One-way Stop	A.M.	N/A	---
			P.M.	N/A	---

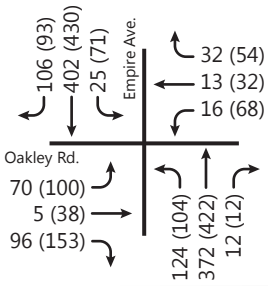
Notes: [1]Delay: Average control delay in seconds per vehicle, reported values are overall for signalized and all-way-stop-control Intersections; and critical minor approaches for two-way- stop-control intersections.
[2]LOS: Level of Service.

Figure 7: Background Traffic Volumes (without Project)

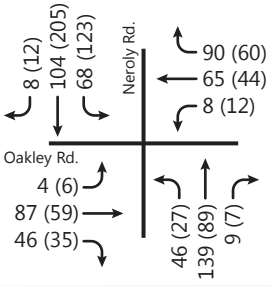
Intersection #2
Live Oak Ave. / Main St.



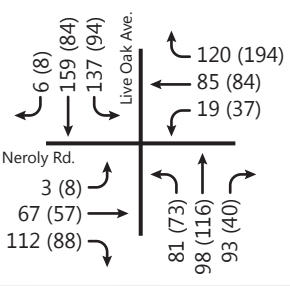
Intersection #14
Empire Ave. / Oakley Rd.



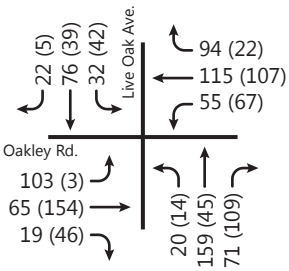
Intersection #22
Neroly Rd. / Oakley Rd.



Intersection #23
Neroly Rd. / Live Oak Ave.



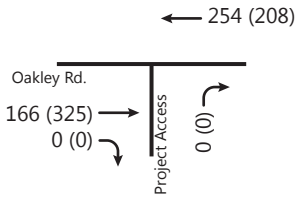
Intersection #24
Live Oak Ave. / Oakley Rd.

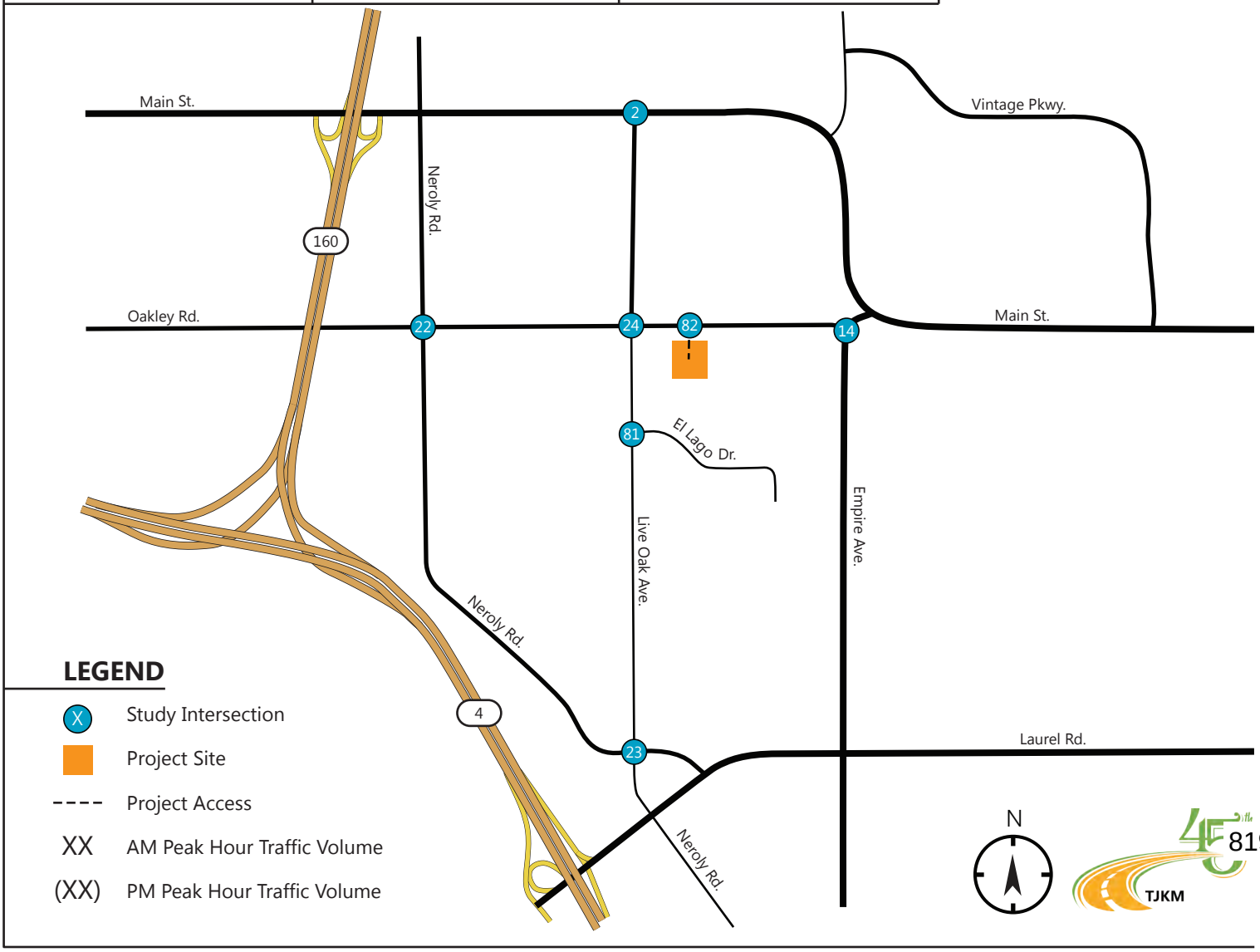


Intersection #81
Live Oak Ave. / El Lago Dr.



Intersection #82
Oakley Rd. / Project Access





Background Level of Service with the Proposed Project

Table 7 summarizes peak hour levels of service at the study intersections under Background and Background plus Project Conditions, without and with the proposed Project. Detailed LOS worksheets for both scenarios scenario are provided in **Appendix D and E**. As shown, the project would contribute to increased delay at one study intersection that would operate unacceptably without the proposed project.

Table 7: Cumulative Traffic Level of Service – Background plus Project Conditions

ID	Intersection	Control	Peak Hour	Background Conditions		Background plus Project Conditions		
				Average Delay[1]	LOS[2]	Average Delay[1]	LOS[2]	Potentially Significant Cumulative LOS Impact?
2	Live Oak Avenue / Main Street	Signalized	A.M.	18.6	B	19.7	B	No
			P.M.	8.2	A	8.5	A	No
14	Empire Avenue / Oakley Road	Signalized	A.M.	24.2	C	24.6	C	No
			P.M.	33.5	C	34.0	C	No
22	Neroly Road / Oakley Road	All-way Stop	A.M.	11.5	B	11.5	B	No
			P.M.	11.8	B	11.8	B	No
23	Neroly Road / Live Oak Avenue	All-way Stop	A.M.	16.8	C	17.1	C	No
			P.M.	12.8	B	12.9	B	No
24	Live Oak Avenue / Oakley Road	All-way Stop	A.M.	31.6	D	**38.8**	**E**	**Yes[3]**
			P.M.	10.3	B	10.7	B	No
81	Live Oak Avenue / El Lago Drive	One-way Stop	A.M.	13.9	B	14.1	B	No
			P.M.	10.7	B	10.8	B	No
82	Proposed Project Access / Oakley Road	One-way Stop	A.M.	N/A	---	13.4	B	No
			P.M.	N/A	---	12.9	B	No

Notes: **Bold** text indicates unacceptable intersection operations.

[1]Delay: Average control delay in seconds per vehicle. [2]LOS: Level of Service.

[3]Recommended cumulative mitigation is for the project to contribute towards the cost of installing a future traffic signal at the Live Oak Avenue /Oakley Road intersection. With this mitigation, the intersection would operate at acceptable LOS D (11.4 seconds of average delay) under Background plus Project conditions (mitigated).

Cumulative Impact Findings

The project would result in increased delay at one study intersection forecasted to operate unacceptably due to cumulative traffic growth generated by background growth and the proposed project**.** ***The project contribution to cumulative impacts would be considered less than significant with mitigations, by contributing a "fair share" contribution towards the funding of future mitigations, based on the project share of forecasted traffic growth at each impacted intersection.***

The recommended cumulative mitigations are described below:

- The stop-sign controlled intersection of Live Oak Avenue/Oakley Road (study intersection #24) is forecasted to operate at LOS E during the a.m. peak hour under Background plus Project Conditions. The recommended cumulative mitigation is for the project to contribute towards the cost of installing a future traffic signal at the Live Oak Avenue/Oakley Road intersection. With this mitigation, the intersection would operate at acceptable LOS B (11.4 seconds of average delay) under Background plus Project conditions (mitigated). Detailed LOS worksheets for Background plus Project conditions (mitigated) are provided in **Appendix F**.

5. SITE ANALYSIS & RECOMMENDATIONS

Site Design Impact Findings

Based on review of the site plan, impact findings relevant to the CEQA checklist are described below:

- *Would the project substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?*

Project design could result in safety impacts due to an existing median on Oakley Road that would impede left-turn movements into the site and could result in sight obstructions to drivers on Oakley Road approaching the project entrance. As described below: modification of the median to accommodate left-turns inbound and outbound, while maintaining adequate site distance, would mitigate this potential impact.

Sight Distance Analysis

The proposed intersection at Proposed Project Access & Oakley Road would generate left and right turning traffic onto Oakley Road from the project site. The intersection is proposed to be one-way stop-sign controlled at the driveway with a posted speed limit of 15 mph into the project site.

Oakley Road has a posted speed limit of 35 miles per hour (mph) and requires at least 250 feet of stopping distance for oncoming vehicles from the point where they can see a vehicle exiting the driveway. Oncoming traffic travelling eastbound on Oakley Road have a clear line of sight to vehicles exiting the driveway well above the minimum stopping distance.

With schools and freeway access located west of the project driveway it is expected that heavy left turn movements onto Oakley Road will occur from the project driveway. Vehicles turning left from the project driveway and oncoming traffic travelling westbound on Oakley Road have a line of sight that could be obstructed by landscaping in the median.

Impacts due to project design would be less than significant with modification. Modification of the existing median on Oakley Road to accommodate left-turns inbound and outbound, while maintaining at least 250 feet of stopping sight distance for motorists traveling on Oakley Road, would mitigate this impact.

Site Access and On-Site Circulation

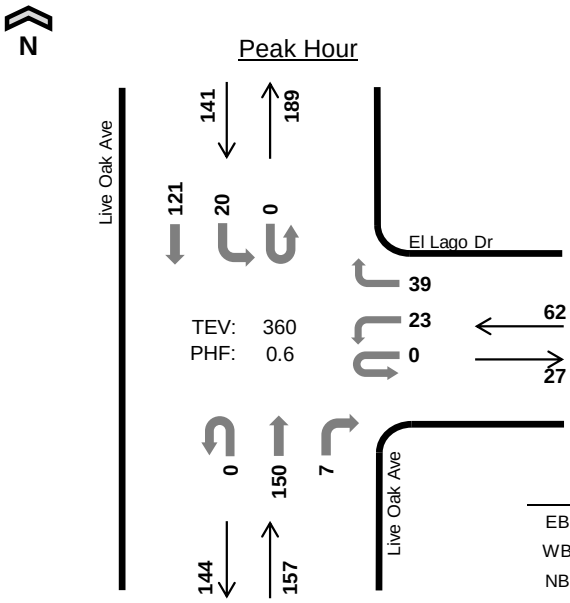
Vehicles will have access to/from the project site via a proposed gated driveway on Oakley Road. The driveway has separate gates for each direction and connects to an extension of Thomas Drive which circles around the project site. The extension of Thomas Drive will serve bidirectional travel by bicyclists, motorists and pedestrians and allow for parallel, on-street parking on one side of the internal street. The City of Oakley requires at least two covered, off-street automobile parking spaces for each single family dwelling unit (*City of Oakley Municipal Code, Article 14, Sec. 9.1.1402*), resulting in a total of 126 required parking spaces for the project site. Dwelling units in Oakley are required to have driveways of a minimum length of 25 feet (*City of Oakley Municipal Code, Article 4, Sec. 9.1.404*).

Appendix A

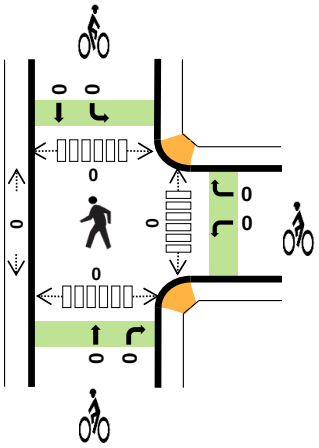
Intersection Count Sheets

Live Oak Ave
El Lago Dr

Date: 04-04-2019
Count Period: 7:00 AM to 9:00 AM
Peak Hour: 7:30 AM to 8:30 AM



	HV %:	PHF
EB	-	-
WB	0.0%	0.53
NB	1.3%	0.54
SB	1.4%	0.73
TOTAL	1.1%	0.60



Two-Hour Count Summaries

Interval Start	n/a				El Lago Dr				Live Oak Ave				Live Oak Ave				15-min Total	Rolling One Hour
	Eastbound				Westbound				Northbound				Southbound					
	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT		
7:00 AM	0	0	0	0	0	7	0	3	0	0	4	1	0	3	2	0	20	0
7:15 AM	0	0	0	0	0	2	0	4	0	0	15	0	0	1	14	0	36	0
7:30 AM	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**9**	**0**	**0**	**31**	**2**	**0**	**3**	**27**	**0**	**74**	0
7:45 AM	**0**	**0**	**0**	**0**	**0**	**12**	**0**	**17**	**0**	**0**	**72**	**1**	**0**	**4**	**43**	**0**	**149**	279
8:00 AM	**0**	**0**	**0**	**0**	**0**	**4**	**0**	**10**	**0**	**0**	**22**	**1**	**0**	**10**	**38**	**0**	**85**	344
8:15 AM	**0**	**0**	**0**	**0**	**0**	**5**	**0**	**3**	**0**	**0**	**25**	**3**	**0**	**3**	**13**	**0**	**52**	**360**
8:30 AM	0	0	0	0	0	2	0	4	0	0	12	2	0	2	24	0	46	332
8:45 AM	0	0	0	0	0	6	0	4	0	0	12	2	0	1	20	0	45	228
Count Total	0	0	0	0	0	40	0	54	0	0	193	12	0	27	181	0	507	0
Peak Hour All	**0**	**0**	**0**	**0**	**0**	**23**	**0**	**39**	**0**	**0**	**150**	**7**	**0**	**20**	**121**	**0**	**360**	**0**
Peak Hour HV	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**1**	**1**	**0**	**4**	**0**
Peak Hour HV%	**-**	**-**	**-**	**-**	**-**	**0%**	**-**	**0%**	**-**	**-**	**1%**	**0%**	**-**	**5%**	**1%**	**-**	**1%**	**0**

Note: Two-hour count summary volumes include heavy vehicles but exclude bicycles in overall count.

Interval Start	Heavy Vehicle Totals					Bicycles					Pedestrians (Crossing Leg)				
	EB	WB	NB	SB	Total	EB	WB	NB	SB	Total	East	West	North	South	Total
7:00 AM	0	0	0	0	*0*	0	0	0	0	*0*	0	0	0	0	*0*
7:15 AM	0	0	0	1	*1*	0	0	0	0	*0*	0	0	0	0	*0*
7:30 AM	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	*0*
7:45 AM	**0**	**0**	**1**	**1**	***2***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	*0*
8:00 AM	**0**	**0**	**1**	**1**	***2***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	*0*
8:15 AM	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	***0***
8:30 AM	0	1	1	3	*5*	0	0	0	0	*0*	0	0	0	0	*0*
8:45 AM	0	0	0	11	*11*	0	0	0	0	*0*	0	0	0	0	*0*
Count Total	0	1	3	17	*21*	0	0	0	0	*0*	0	0	0	0	*0*
Peak Hr	**0**	**0**	**2**	**2**	***4***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	***0***

Project Manager: (415) 310-6469 project.manager.ca@idaxdata.com

Two-Hour Count Summaries - Heavy Vehicles

Interval Start	n/a				El Lago Dr				Live Oak Ave				Live Oak Ave				15-min Total	Rolling One Hour
	Eastbound				Westbound				Northbound				Southbound					
	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT		
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
7:30 AM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	0
7:45 AM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**2**	3
8:00 AM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**2**	5
8:15 AM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**
8:30 AM	0	0	0	0	0	0	0	1	0	0	1	0	0	0	3	0	5	9
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	11	18
Count Total	0	0	0	0	0	0	0	1	0	0	3	0	0	1	16	0	21	0
Peak Hour	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**1**	**1**	**0**	**4**	**0**

Two-Hour Count Summaries - Bikes

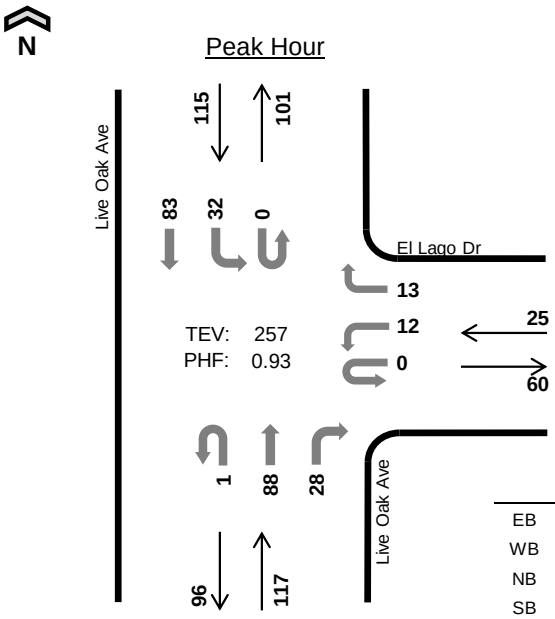
Interval Start	n/a			El Lago Dr			Live Oak Ave			Live Oak Ave			15-min Total	Rolling One Hour
	Eastbound			Westbound			Northbound			Southbound				
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT		
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	0
7:45 AM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	0
8:00 AM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	0
8:15 AM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Count Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Note: U-Turn volumes for bikes are included in Left-Turn, if any.

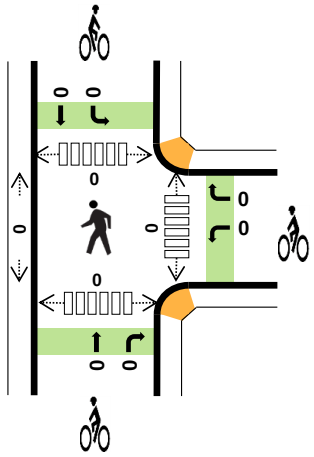
Project Manager: (415) 310-6469 project.manager.ca@idaxdata.com

Live Oak Ave
El Lago Dr

Date: 04-04-2019
Count Period: 4:00 PM to 6:00 PM
Peak Hour: 4:45 PM to 5:45 PM



	HV %:	PHF
EB	-	-
WB	0.0%	0.78
NB	2.6%	0.84
SB	0.9%	0.85
TOTAL	1.6%	0.93



Two-Hour Count Summaries

Interval Start		n/a Eastbound				El Lago Dr Westbound				Live Oak Ave Northbound				Live Oak Ave Southbound				15-min Total	Rolling One Hour
		UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT		
4:00 PM		0	0	0	0	0	5	0	5	0	0	18	1	0	5	22	0	56	0
4:15 PM		0	0	0	0	0	2	0	4	0	0	29	7	0	4	25	0	71	0
4:30 PM		0	0	0	0	0	2	0	1	0	0	22	3	0	8	23	0	59	0
4:45 PM		**0**	**0**	**0**	**0**	**0**	**2**	**0**	**1**	**0**	**0**	**29**	**5**	**0**	**6**	**19**	**0**	**62**	248
5:00 PM		**0**	**0**	**0**	**0**	**0**	**6**	**0**	**1**	**0**	**0**	**15**	**2**	**0**	**8**	**26**	**0**	**58**	250
5:15 PM		**0**	**0**	**0**	**0**	**0**	**2**	**0**	**6**	**1**	**0**	**24**	**10**	**0**	**7**	**18**	**0**	**68**	247
5:30 PM		**0**	**0**	**0**	**0**	**0**	**2**	**0**	**5**	**0**	**0**	**20**	**11**	**0**	**11**	**20**	**0**	**69**	**257**
5:45 PM		0	0	0	0	0	5	0	6	0	0	23	5	0	7	14	0	60	255
Count Total		0	0	0	0	0	26	0	29	1	0	180	44	0	56	167	0	503	0
Peak Hour	**All**	**0**	**0**	**0**	**0**	**0**	**12**	**0**	**13**	**1**	**0**	**88**	**28**	**0**	**32**	**83**	**0**	**257**	**0**
	HV	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**1**	**0**	**4**	**0**
	HV%	**-**	**-**	**-**	**-**	**-**	**0%**	**-**	**0%**	**0%**	**-**	**3%**	**0%**	**-**	**0%**	**1%**	**-**	**2%**	**0**

Note: Two-hour count summary volumes include heavy vehicles but exclude bicycles in overall count.

Interval Start	Heavy Vehicle Totals EB	WB	NB	SB	Total	Bicycles EB	WB	NB	SB	Total	Pedestrians (Crossing Leg) East	West	North	South	Total
4:00 PM	0	0	2	0	*2*	0	0	0	0	*0*	0	0	0	0	*0*
4:15 PM	0	0	0	1	*1*	0	0	0	0	*0*	0	0	0	0	*0*
4:30 PM	0	0	1	0	*1*	0	0	1	0	*1*	0	0	0	0	*0*
4:45 PM	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	*0*
5:00 PM	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	*0*
5:15 PM	**0**	**0**	**2**	**0**	***2***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	*0*
5:30 PM	**0**	**0**	**1**	**1**	***2***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	***0***
5:45 PM	0	0	0	0	*0*	0	0	0	0	*0*	0	0	0	0	*0*
Count Total	0	0	6	2	*8*	0	0	1	0	*1*	0	0	0	0	*0*
Peak Hr	**0**	**0**	**3**	**1**	***4***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	***0***

Project Manager: (415) 310-6469
project.manager.ca@idaxdata.com

Two-Hour Count Summaries - Heavy Vehicles

Interval Start	n/a				El Lago Dr				Live Oak Ave				Live Oak Ave				15-min Total	Rolling One Hour
	Eastbound				Westbound				Northbound				Southbound					
	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT		
4:00 PM	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
4:45 PM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	4
5:00 PM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	2
5:15 PM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**2**	3
5:30 PM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**2**	**4**
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Count Total	0	0	0	0	0	0	0	0	0	0	6	0	0	0	2	0	8	0
Peak Hour	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**1**	**0**	**4**	**0**

Two-Hour Count Summaries - Bikes

Interval Start	n/a			El Lago Dr			Live Oak Ave			Live Oak Ave			15-min Total	Rolling One Hour
	Eastbound			Westbound			Northbound			Southbound				
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT		
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1	0
4:45 PM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	1
5:00 PM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	1
5:15 PM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	1
5:30 PM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Count Total	0	0	0	0	0	0	0	1	0	0	0	0	1	0
Peak Hour	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Note: U-Turn volumes for bikes are included in Left-Turn, if any.

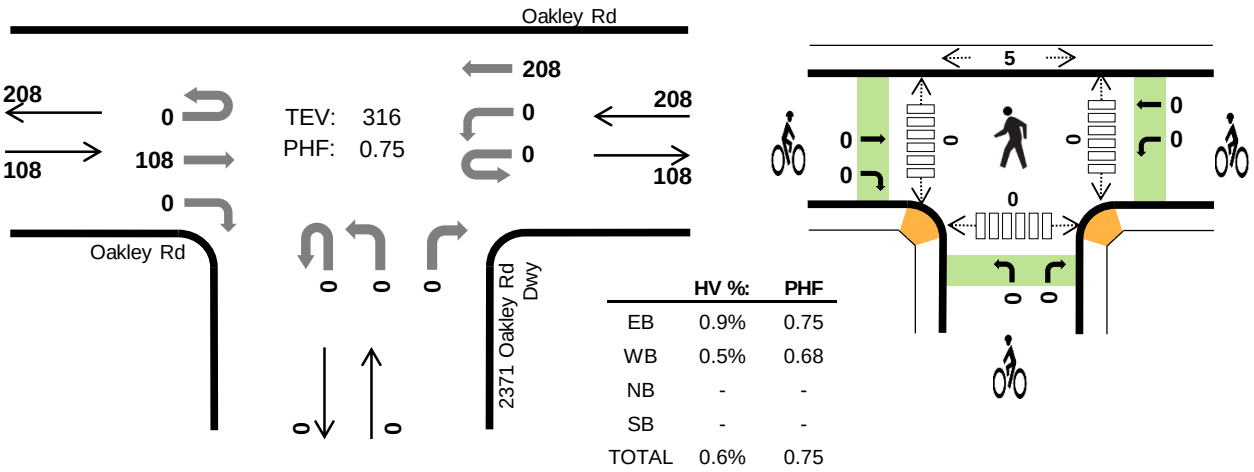
Project Manager: (415) 310-6469 project.manager.ca@idaxdata.com

2371 Oakley Rd Dwy
Oakley Rd

N

Peak Hour

Date: 04-04-2019
Count Period: 7:00 AM to 9:00 AM
Peak Hour: 7:30 AM to 8:30 AM



	HV %:	PHF
EB	0.9%	0.75
WB	0.5%	0.68
NB	-	-
SB	-	-
TOTAL	0.6%	0.75

Two-Hour Count Summaries

Interval Start	Oakley Rd Eastbound				Oakley Rd Westbound				2371 Oakley Rd Dwy Northbound				n/a Southbound				15-min Total	Rolling One Hour
	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT		
7:00 AM	0	0	7	0	0	0	19	0	0	0	0	0	0	0	0	0	26	0
7:15 AM	0	0	15	0	0	0	27	0	0	0	0	0	0	0	0	0	42	0
7:30 AM	**0**	**0**	**17**	**0**	**0**	**0**	**42**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**59**	0
7:45 AM	**0**	**0**	**29**	**0**	**0**	**0**	**77**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**106**	233
8:00 AM	**0**	**0**	**36**	**0**	**0**	**0**	**60**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**96**	303
8:15 AM	**0**	**0**	**26**	**0**	**0**	**0**	**29**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**55**	**316**
8:30 AM	0	0	21	0	0	0	23	0	0	0	0	0	0	0	0	0	44	301
8:45 AM	0	0	15	0	0	0	27	0	0	0	0	0	0	0	0	0	42	237
Count Total	0	0	166	0	0	0	304	0	0	0	0	0	0	0	0	0	470	0
Peak Hour All	**0**	**0**	**108**	**0**	**0**	**0**	**208**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**316**	**0**
Peak Hour HV	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**
Peak Hour HV%	**-**	**-**	**1%**	**-**	**-**	**-**	**0%**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1%**	**0**

Note: Two-hour count summary volumes include heavy vehicles but exclude bicycles in overall count.

Interval Start	Heavy Vehicle Totals					Bicycles					Pedestrians (Crossing Leg)				
	EB	WB	NB	SB	Total	EB	WB	NB	SB	Total	East	West	North	South	Total
7:00 AM	0	0	0	0	*0*	0	0	0	0	*0*	0	0	1	0	*1*
7:15 AM	0	0	0	0	*0*	0	0	0	0	*0*	0	0	2	0	*2*
7:30 AM	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**1**	**0**	*1*
7:45 AM	**1**	**1**	**0**	**0**	***2***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**3**	**0**	*3*
8:00 AM	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**1**	**0**	*1*
8:15 AM	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	***0***
8:30 AM	1	0	0	0	*1*	0	0	0	0	*0*	0	0	0	0	*0*
8:45 AM	1	2	0	0	*3*	0	0	0	0	*0*	0	0	0	0	*0*
Count Total	3	3	0	0	*6*	0	0	0	0	*0*	0	0	8	0	*8*
Peak Hr	**1**	**1**	**0**	**0**	***2***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**5**	**0**	***5***

Project Manager: (415) 310-6469
project.manager.ca@idaxdata.com

Two-Hour Count Summaries - Heavy Vehicles

Interval Start	Oakley Rd				Oakley Rd				2371 Oakley Rd Dwy				n/a				15-min Total	Rolling One Hour
	Eastbound				Westbound				Northbound				Southbound					
	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT		
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	0
7:45 AM	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	2
8:00 AM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	2
8:15 AM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**
8:30 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3
8:45 AM	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	3	4
Count Total	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	6	0
Peak Hour	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**

Two-Hour Count Summaries - Bikes

Interval Start	Oakley Rd			Oakley Rd			2371 Oakley Rd Dwy			n/a			15-min Total	Rolling One Hour
	Eastbound			Westbound			Northbound			Southbound				
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT		
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	0
7:45 AM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	0
8:00 AM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	0
8:15 AM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Count Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Note: U-Turn volumes for bikes are included in Left-Turn, if any.

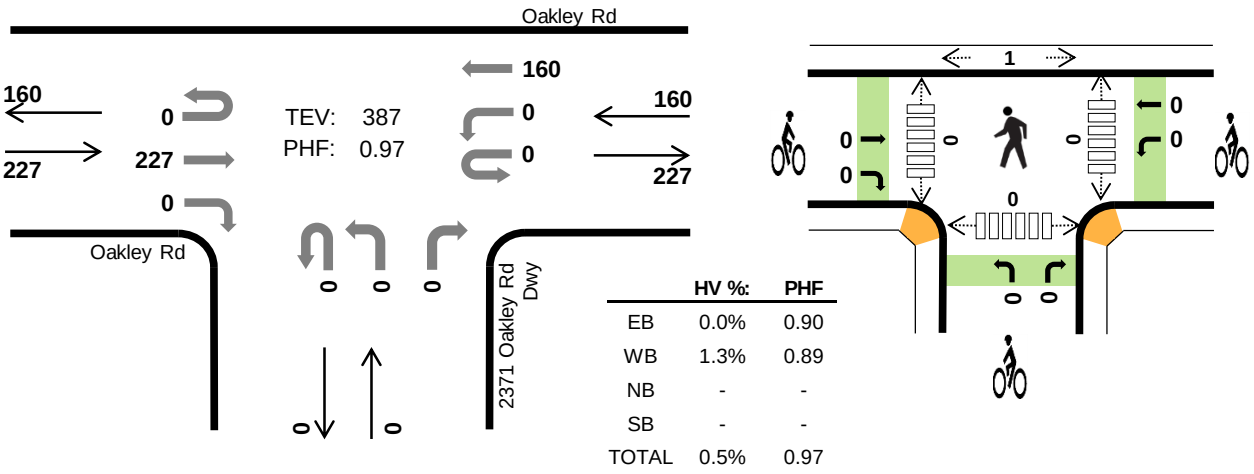
Project Manager: (415) 310-6469 project.manager.ca@idaxdata.com

2371 Oakley Rd Dwy
Oakley Rd

N

Peak Hour

Date: 04-04-2019
Count Period: 4:00 PM to 6:00 PM
Peak Hour: 4:45 PM to 5:45 PM



	HV %:	PHF
EB	0.0%	0.90
WB	1.3%	0.89
NB	-	-
SB	-	-
TOTAL	0.5%	0.97

Two-Hour Count Summaries

Interval Start		Oakley Rd Eastbound				Oakley Rd Westbound				2371 Oakley Rd Dwy Northbound				n/a Southbound				15-min Total	Rolling One Hour
		UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT		
4:00 PM		0	0	38	0	0	0	27	0	0	0	0	0	0	0	0	0	65	0
4:15 PM		0	0	48	0	0	0	38	0	0	0	0	0	0	0	0	0	86	0
4:30 PM		0	0	59	0	0	0	25	0	0	0	0	0	0	0	0	0	84	0
4:45 PM		**0**	**0**	**54**	**0**	**0**	**0**	**45**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**99**	334
5:00 PM		**0**	**0**	**50**	**0**	**0**	**0**	**42**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**92**	361
5:15 PM		**0**	**0**	**63**	**0**	**0**	**0**	**37**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**100**	375
5:30 PM		**0**	**0**	**60**	**0**	**0**	**0**	**36**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**96**	**387**
5:45 PM		0	0	48	0	0	0	26	0	0	0	0	0	0	0	0	0	74	362
Count Total		0	0	420	0	0	0	276	0	0	0	0	0	0	0	0	0	696	0
Peak Hour	**All**	**0**	**0**	**227**	**0**	**0**	**0**	**160**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**387**	**0**
	HV	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**
	HV%	**-**	**-**	**0%**	**-**	**-**	**-**	**1%**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1%**	**0**

Note: Two-hour count summary volumes include heavy vehicles but exclude bicycles in overall count.

Interval Start	Heavy Vehicle Totals					Bicycles					Pedestrians (Crossing Leg)				
	EB	WB	NB	SB	Total	EB	WB	NB	SB	Total	East	West	North	South	Total
4:00 PM	1	0	0	0	*1*	0	0	0	0	*0*	0	0	0	0	*0*
4:15 PM	0	1	0	0	*1*	0	0	0	0	*0*	0	0	0	0	*0*
4:30 PM	0	0	0	0	*0*	0	0	0	0	*0*	0	0	0	0	*0*
4:45 PM	**0**	**1**	**0**	**0**	***1***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	*0*
5:00 PM	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	*0*
5:15 PM	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**0**	**0**	*0*
5:30 PM	**0**	**1**	**0**	**0**	***1***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**1**	**0**	***1***
5:45 PM	0	0	0	0	*0*	0	0	0	0	*0*	0	0	1	0	*1*
Count Total	1	3	0	0	*4*	0	0	0	0	*0*	0	0	2	0	*2*
Peak Hr	**0**	**2**	**0**	**0**	***2***	**0**	**0**	**0**	**0**	***0***	**0**	**0**	**1**	**0**	***1***

Project Manager: (415) 310-6469
project.manager.ca@idaxdata.com

Two-Hour Count Summaries - Heavy Vehicles

Interval Start	Oakley Rd				Oakley Rd				2371 Oakley Rd Dwy				n/a				15-min Total	Rolling One Hour
	Eastbound				Westbound				Northbound				Southbound					
	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT		
4:00 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
4:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	3
5:00 PM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	2
5:15 PM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	1
5:30 PM	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**2**
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Count Total	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	4	0
Peak Hour	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**

Two-Hour Count Summaries - Bikes

Interval Start	Oakley Rd			Oakley Rd			2371 Oakley Rd Dwy			n/a			15-min Total	Rolling One Hour
	Eastbound			Westbound			Northbound			Southbound				
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT		
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	0
5:00 PM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	0
5:15 PM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	0
5:30 PM	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Count Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Note: U-Turn volumes for bikes are included in Left-Turn, if any.

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Appendix B

Existing Conditions LOS Analysis

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The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Existing Conditions_AM.pdf

Scenario 1 Existing Conditions AM
5/1/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
2	Live Oak Rd/Main St	Signalized	HCM 6th Edition	WB Left	0.462	18.8	B
14	Empire Ave/Oakley Rd	Signalized	HCM 6th Edition	SWB Left	0.306	21.6	C
22	Neroly Rd/Oakley Rd	All-way stop	HCM 6th Edition	SB Thru	0.323	10.2	B
23	Neroly Rd/Live Oak Ave	All-way stop	HCM 6th Edition	SB Thru	0.468	12.2	B
24	Live Oak Ave/Oakley Rd	All-way stop	HCM 6th Edition	EB Left	0.691	18.4	C
81	Live Oak Ave/El Lago Dr	Two-way stop	HCM 6th Edition	WB Left	0.083	13.2	B
82	Oakley Rd/Project Access	Two-way stop	HCM 6th Edition	WB Thru	0.003	0.0	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 2: Live Oak Rd/Main St

Control Type:	Signalized	Delay (sec / veh):	18.8
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.462

Intersection Setup

Name	Live Oak Avenue		Main St		Main St	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	1	1	1	1	0
Pocket Length [ft]	100.00	260.00	100.00	160.00	255.00	100.00
Speed [mph]	35.00		45.00		45.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		No		No	

Volumes

Name	Live Oak Avenue		Main St		Main St	
Base Volume Input [veh/h]	217	85	483	145	37	820
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	4.30	4.30	4.30	4.30	4.30	4.30
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	217	85	483	145	37	820
Peak Hour Factor	0.6800	0.6800	0.7900	0.7900	0.8400	0.8400
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	80	31	153	46	11	244
Total Analysis Volume [veh/h]	319	125	611	184	44	976
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	61.0
Offset Reference	LagFO
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Protected	Permissive
Signal group	8	0	2	0	1	6
Auxiliary Signal Groups						
Lead / Lag	Lag	-	-	-	Lead	-
Minimum Green [s]	8	0	10	0	6	10
Maximum Green [s]	47	0	44	0	11	61
Amber [s]	4.7	0.0	5.0	0.0	5.0	5.0
All red [s]	1.0	0.0	1.0	0.0	1.0	1.0
Split [s]	53	0	50	0	17	67
Vehicle Extension [s]	3.0	0.0	4.0	0.0	3.0	4.0
Walk [s]	0	0	7	0	0	0
Pedestrian Clearance [s]	0	0	26	0	0	0
Rest In Walk	No		No			No
I1, Start-Up Lost Time [s]	2.0	0.0	2.0	0.0	2.0	2.0
I2, Clearance Lost Time [s]	3.7	0.0	4.0	0.0	4.0	4.0
Minimum Recall	No		No		No	No
Maximum Recall	No		No		No	No
Pedestrian Recall	No		No		No	No
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	R	C	R	L	C
C, Cycle Length [s]	120	120	120	120	120	120
L, Total Lost Time per Cycle [s]	5.70	5.70	6.00	6.00	6.00	6.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.70	3.70	4.00	4.00	4.00	4.00
g_i, Effective Green Time [s]	24	24	73	73	5	84
g / C, Green / Cycle	0.20	0.20	0.61	0.61	0.04	0.70
(v / s)_i Volume / Saturation Flow Rate	0.18	0.08	0.17	0.12	0.03	0.28
s, saturation flow rate [veh/h]	1748	1560	3495	1560	1748	3495
c, Capacity [veh/h]	357	318	2129	950	69	2441
d1, Uniform Delay [s]	46.49	41.32	11.11	10.39	56.80	7.57
k, delay calibration	0.11	0.11	0.50	0.50	0.11	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	7.90	0.79	0.34	0.45	9.53	0.49
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.89	0.39	0.29	0.19	0.64	0.40
d, Delay for Lane Group [s/veh]	54.39	42.10	11.45	10.85	66.33	8.06
Lane Group LOS	D	D	B	B	E	A
Critical Lane Group	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	9.93	3.25	3.59	2.09	1.47	4.55
50th-Percentile Queue Length [ft/ln]	248.15	81.34	89.87	52.22	36.67	113.76
95th-Percentile Queue Length [veh/ln]	15.09	5.86	6.47	3.76	2.64	8.05
95th-Percentile Queue Length [ft/ln]	377.32	146.42	161.76	93.99	66.01	201.22

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	54.39	42.10	11.45	10.85	66.33	8.06
Movement LOS	D	D	B	B	E	A
d_A, Approach Delay [s/veh]	50.93		11.31		10.58	
Approach LOS	D		B		B	
d_I, Intersection Delay [s/veh]	18.77					
Intersection LOS	B					
Intersection V/C	0.462					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	0.0	0.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	49.50	0.00	0.00
l_p,int, Pedestrian LOS Score for Intersection	2.209	0.000	0.000
Crosswalk LOS	B	F	F
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	60.00	60.00	60.00
l_b,int, Bicycle LOS Score for Intersection	4.132	4.788	4.974
Bicycle LOS	D	E	E

Sequence

Ring 1	1	2	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 14: Empire Ave/Oakley Rd

Control Type:	Signalized	Delay (sec / veh):	21.6
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.306

Intersection Setup

Name	Oakley Rd			Empire Ave			Empire Ave			Driveway		
Approach	Eastbound			Northeastbound			Southwestbound			Northwestbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	1	0	0	0	0	0
Pocket Length [ft]	315.00	100.00	100.00	110.00	100.00	100.00	140.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	35.00			40.00			40.00			15.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Oakley Rd			Empire Ave			Empire Ave			Driveway		
Base Volume Input [veh/h]	48	5	59	103	296	12	25	336	81	16	13	32
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	48	5	59	103	296	12	25	336	81	16	13	32
Peak Hour Factor	0.7700	0.7700	0.7700	0.8200	0.8200	0.8200	0.7300	0.7300	0.7300	0.7700	0.7700	0.7700
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	16	2	19	31	90	4	9	115	28	5	4	10
Total Analysis Volume [veh/h]	62	6	77	126	361	15	34	460	111	21	17	42
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	1			1			1			0		
v_di, Inbound Pedestrian Volume crossing m	1			1			0			1		
v_co, Outbound Pedestrian Volume crossing	2			1			2			2		
v_ci, Inbound Pedestrian Volume crossing mi	2			2			2			1		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	1			1			0			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	110
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	1.0
Offset Reference	LagFO
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Split	Split	Split	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Split	Split	Split
Signal group	0	4	0	5	2	0	1	6	0	0	8	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	Lead	-	-	Lead	-	-	-	-	-
Minimum Green [s]	0	4	0	4	4	0	4	4	0	0	4	0
Maximum Green [s]	0	11	0	15	38	0	12	35	0	0	30	0
Amber [s]	0.0	4.1	0.0	3.0	4.4	0.0	3.0	4.4	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	1.0	2.0	0.0	1.0	2.0	0.0	0.0	1.0	0.0
Split [s]	0	16	0	19	44	0	16	41	0	0	34	0
Vehicle Extension [s]	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0
Walk [s]	0	5	0	0	5	0	0	5	0	0	4	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	23	0	0	26	0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.1	0.0	2.0	4.4	0.0	2.0	4.4	0.0	0.0	2.0	0.0
Minimum Recall		No		No	No		No	No			No	
Maximum Recall		No		No	Yes		No	Yes			No	
Pedestrian Recall		No		No	No		No	No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	R	L	C	C	L	C	C	C	R
C, Cycle Length [s]	110	110	110	110	110	110	110	110	110	110	110
L, Total Lost Time per Cycle [s]	5.10	5.10	5.10	4.00	6.40	6.40	4.00	6.40	6.40	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.10	3.10	3.10	2.00	4.40	4.40	2.00	4.40	4.40	2.00	2.00
g_i, Effective Green Time [s]	8	8	8	9	75	75	3	68	68	5	5
g / C, Green / Cycle	0.07	0.07	0.07	0.09	0.68	0.68	0.02	0.62	0.62	0.04	0.04
(v / s)_i Volume / Saturation Flow Rate	0.02	0.02	0.05	0.07	0.10	0.10	0.02	0.16	0.16	0.02	0.03
s, saturation flow rate [veh/h]	1781	1796	1552	1781	1870	1840	1781	1870	1744	1820	1579
c, Capacity [veh/h]	127	128	110	154	1275	1255	43	1159	1081	82	72
d1, Uniform Delay [s]	48.38	48.38	49.88	49.40	6.19	6.19	53.37	9.43	9.45	51.20	51.49
k, delay calibration	0.04	0.04	0.04	0.04	0.50	0.50	0.04	0.50	0.50	0.04	0.04
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.42	0.41	2.96	4.03	0.25	0.25	10.81	0.53	0.57	1.49	2.82
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.27	0.27	0.70	0.82	0.15	0.15	0.78	0.25	0.26	0.46	0.59
d, Delay for Lane Group [s/veh]	48.80	48.79	52.84	53.43	6.43	6.44	64.18	9.95	10.02	52.68	54.31
Lane Group LOS	D	D	D	D	A	A	E	A	B	D	D
Critical Lane Group	No	No	Yes	Yes	No	No	No	No	Yes	No	Yes
50th-Percentile Queue Length [veh/ln]	0.89	0.89	2.14	3.51	1.42	1.41	1.05	3.05	2.89	1.08	1.22
50th-Percentile Queue Length [ft/ln]	22.22	22.31	53.40	87.63	35.62	35.29	26.20	76.25	72.34	27.02	30.50
95th-Percentile Queue Length [veh/ln]	1.60	1.61	3.84	6.31	2.56	2.54	1.89	5.49	5.21	1.95	2.20
95th-Percentile Queue Length [ft/ln]	40.00	40.16	96.12	157.74	64.11	63.53	47.17	137.25	130.21	48.64	54.89

Movement, Approach, & Intersection Results

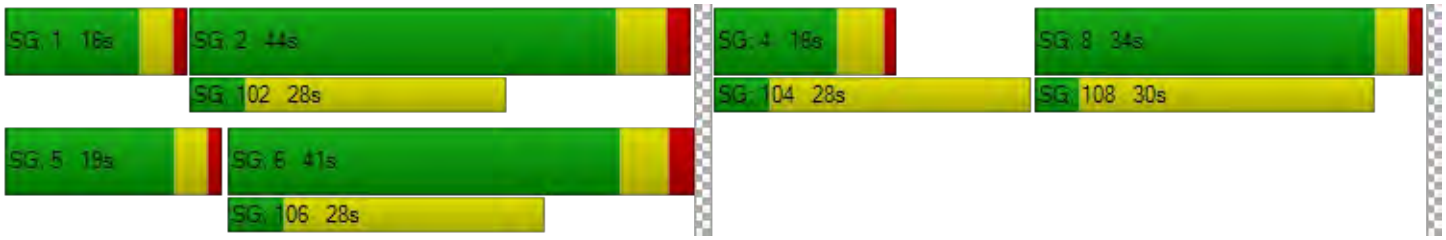
d_M, Delay for Movement [s/veh]	48.80	48.79	52.84	53.43	6.44	6.44	64.18	9.98	10.02	52.68	52.68	54.31
Movement LOS	D	D	D	D	A	A	E	A	B	D	D	D
d_A, Approach Delay [s/veh]	50.94			18.23			13.03			53.54		
Approach LOS	D			B			B			D		
d_I, Intersection Delay [s/veh]	21.55											
Intersection LOS	C											
Intersection V/C	0.306											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	8.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	1824.93	3826.47	6948.99	2621.24
d_p, Pedestrian Delay [s]	46.37	46.37	47.29	46.37
l_p,int, Pedestrian LOS Score for Intersection	2.256	2.587	2.697	1.973
Crosswalk LOS	B	B	B	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	198	684	629	545
d_b, Bicycle Delay [s]	44.66	23.84	25.84	29.09
l_b,int, Bicycle LOS Score for Intersection	1.799	1.974	2.059	1.692
Bicycle LOS	A	A	B	A

Sequence

Ring 1	1	2	4	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 22: Neroly Rd/Oakley Rd

Control Type:	All-way stop	Delay (sec / veh):	10.2
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.323

Intersection Setup

Name	Neroly Rd			Neroly Rd			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	45.00			40.00			45.00			45.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	Neroly Rd			Neroly Rd			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	46	84	6	59	88	8	4	87	46	3	65	64
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	46	84	6	59	88	8	4	87	46	3	65	64
Peak Hour Factor	0.7700	0.7700	0.7700	0.7600	0.7600	0.7600	0.5900	0.5900	0.5900	0.8900	0.8900	0.8900
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	15	27	2	19	29	3	2	37	19	1	18	18
Total Analysis Volume [veh/h]	60	109	8	78	116	11	7	147	78	3	73	72
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	679	685	718	713
Degree of Utilization, x	0.26	0.30	0.32	0.21

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	1.04	1.26	1.40	0.78
95th-Percentile Queue Length [ft]	25.98	31.38	34.95	19.43
Approach Delay [s/veh]	10.15	10.49	10.38	9.37
Approach LOS	B	B	B	A
Intersection Delay [s/veh]	10.16			
Intersection LOS	B			

Intersection Level Of Service Report
Intersection 23: Neroly Rd/Live Oak Ave

Control Type:	All-way stop	Delay (sec / veh):	12.2
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.468

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Neroly Rd			Neroly Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	150.00	100.00	100.00	155.00	100.00	100.00
Speed [mph]	50.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			Yes			No			Yes		

Volumes

Name	Live Oak Ave			Live Oak Ave			Neroly Rd			Neroly Rd		
Base Volume Input [veh/h]	74	64	93	116	120	1	2	46	110	19	40	82
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	74	64	93	116	120	1	2	46	110	19	40	82
Peak Hour Factor	0.8500	0.8500	0.8500	0.8500	0.8500	0.8500	0.7900	0.7900	0.7900	0.7200	0.7200	0.7200
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	22	19	27	34	35	0	1	15	35	7	14	28
Total Analysis Volume [veh/h]	87	75	109	136	141	1	3	58	139	26	56	114
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	619	595	506	545	612	504	544	610
Degree of Utilization, x	0.44	0.47	0.01	0.11	0.23	0.05	0.10	0.19

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	2.22	2.48	0.02	0.36	0.87	0.16	0.34	0.68
95th-Percentile Queue Length [ft]	55.54	61.98	0.45	8.88	21.72	4.07	8.57	17.05
Approach Delay [s/veh]	13.26	14.26	10.23			10.03		
Approach LOS	B	B	B			B		
Intersection Delay [s/veh]	12.24							
Intersection LOS	B							

Intersection Level Of Service Report
Intersection 24: Live Oak Ave/Oakley Rd

Control Type:	All-way stop	Delay (sec / veh):	18.4
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.691

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	18	158	25	30	76	22	103	54	17	40	89	89
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	18	158	25	30	76	22	103	54	17	40	89	89
Peak Hour Factor	0.6100	0.6100	0.6100	0.6200	0.6200	0.6200	0.4500	0.4500	0.4500	0.8400	0.8400	0.8400
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	7	65	10	12	31	9	57	30	9	12	26	26
Total Analysis Volume [veh/h]	30	259	41	48	123	35	229	120	38	48	106	106
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	552	525	560	555
Degree of Utilization, x	0.60	0.39	0.69	0.47

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	3.92	1.86	5.38	2.48
95th-Percentile Queue Length [ft]	97.97	46.39	134.53	61.97
Approach Delay [s/veh]	18.79	14.24	22.60	15.08
Approach LOS	C	B	C	C
Intersection Delay [s/veh]	18.43			
Intersection LOS	C			

Intersection Level Of Service Report
Intersection 81: Live Oak Ave/El Lago Dr

Control Type:	Two-way stop	Delay (sec / veh):	13.2
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.083

Intersection Setup

Name	Live Oak Ave		Live Oak Ave		El Lago Dr	
Approach	Northbound		Southbound		Westbound	
Lane Configuration						
Turning Movement	Thru	Right	Left	Thru	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00		40.00		25.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Live Oak Ave		Live Oak Ave		El Lago Dr	
Base Volume Input [veh/h]	150	7	20	121	23	39
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	1.00	1.00	1.00	1.00	0.00	0.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	150	7	20	121	23	39
Peak Hour Factor	0.5400	0.5400	0.7300	0.7300	0.5300	0.5300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	69	3	7	41	11	18
Total Analysis Volume [veh/h]	278	13	27	166	43	74
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.02	0.00	0.08	0.10
d_M, Delay for Movement [s/veh]	0.00	0.00	7.88	0.00	13.16	10.96
Movement LOS	A	A	A	A	B	B
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.06	0.06	0.65	0.65
95th-Percentile Queue Length [ft/ln]	0.00	0.00	1.62	1.62	16.35	16.35
d_A, Approach Delay [s/veh]	0.00		1.10		11.77	
Approach LOS	A		A		B	
d_I, Intersection Delay [s/veh]	2.65					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 82: Oakley Rd/Project Access

Control Type:	Two-way stop	Delay (sec / veh):	0.0
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.003

Intersection Setup

Name	Project Access		Oakley Rd		Oakley Rd	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	15.00		35.00		35.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Project Access		Oakley Rd		Oakley Rd	
Base Volume Input [veh/h]	0	0	108	0	0	208
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	0.00	0.00	1.00	1.00	1.00	1.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	0	0	108	0	0	208
Peak Hour Factor	0.2500	0.2500	0.7500	0.2500	0.2500	0.6800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	0	36	0	0	76
Total Analysis Volume [veh/h]	0	0	144	0	0	306
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	11.31	8.96	0.00	0.00	7.49	0.00
Movement LOS	B	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	10.14		0.00		0.00	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	0.00					
Intersection LOS	A					

The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Existing Conditions_AM.pdf

Scenario 1 Existing Conditions AM
5/1/2019

Turning Movement Volume: Summary

ID	Intersection Name	Northbound		Eastbound		Westbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
2	Live Oak Rd/Main St	217	85	483	145	37	820	1787

ID	Intersection Name	Eastbound			Northeastbound			Southwestbound			Northwestbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
14	Empire Ave/Oakley Rd	48	5	59	103	296	12	25	336	81	16	13	32	1026

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
22	Neroly Rd/Oakley Rd	46	84	6	59	88	8	4	87	46	3	65	64	560

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
23	Neroly Rd/Live Oak Ave	74	64	93	116	120	1	2	46	110	19	40	82	767

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	18	158	25	30	76	22	103	54	17	40	89	89	721

ID	Intersection Name	Northbound		Southbound		Westbound		Total Volume
		Thru	Right	Left	Thru	Left	Right	
81	Live Oak Ave/El Lago Dr	150	7	20	121	23	39	360

ID	Intersection Name	Northbound		Eastbound		Westbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
82	Oakley Rd/Project Access	0	0	108	0	0	208	316

The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Existing Conditions_AM.pdf

Scenario 1 Existing Conditions AM
5/1/2019

Turning Movement Volume: Detail

ID	Intersection Name	Volume Type	Northbound		Eastbound		Westbound		Total Volume
			Left	Right	Thru	Right	Left	Thru	
2	Live Oak Rd/Main St	Final Base	217	85	483	145	37	820	1787
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0
		Future Total	**217**	**85**	**483**	**145**	**37**	**820**	**1787**

ID	Intersection Name	Volume Type	Eastbound			Northeastbound			Southwestbound			Northwestbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
14	Empire Ave/Oakley Rd	Final Base	48	5	59	103	296	12	25	336	81	16	13	32	1026
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	**48**	**5**	**59**	**103**	**296**	**12**	**25**	**336**	**81**	**16**	**13**	**32**	**1026**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
22	Neroly Rd/Oakley Rd	Final Base	46	84	6	59	88	8	4	87	46	3	65	64	560
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	**46**	**84**	**6**	**59**	**88**	**8**	**4**	**87**	**46**	**3**	**65**	**64**	**560**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
23	Neroly Rd/Live Oak Ave	Final Base	74	64	93	116	120	1	2	46	110	19	40	82	767
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	**74**	**64**	**93**	**116**	**120**	**1**	**2**	**46**	**110**	**19**	**40**	**82**	**767**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	Final Base	18	158	25	30	76	22	103	54	17	40	89	89	721
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	**18**	**158**	**25**	**30**	**76**	**22**	**103**	**54**	**17**	**40**	**89**	**89**	**721**

ID	Intersection Name	Volume Type	Northbound		Southbound		Westbound		Total Volume
			Thru	Right	Left	Thru	Left	Right	
81	Live Oak Ave/El Lago Dr	Final Base	150	7	20	121	23	39	360
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0
		Future Total	**150**	**7**	**20**	**121**	**23**	**39**	**360**

ID	Intersection Name	Volume Type	Northbound		Eastbound		Westbound		Total Volume
			Left	Right	Thru	Right	Left	Thru	
82	Oakley Rd/Project Access	Final Base	0	0	108	0	0	208	316
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0
		Future Total	**0**	**0**	**108**	**0**	**0**	**208**	**316**

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The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Existing Conditions_PM.pdf

Scenario 3 Existing Conditions PM
5/1/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
2	Live Oak Rd/Main St	Signalized	HCM 6th Edition	WB Left	0.370	7.2	A
14	Empire Ave/Oakley Rd	Signalized	HCM 6th Edition	SWB Left	0.311	27.7	C
22	Neroly Rd/Oakley Rd	All-way stop	HCM 6th Edition	SB Thru	0.385	9.6	A
23	Neroly Rd/Live Oak Ave	All-way stop	HCM 6th Edition	NB Thru	0.355	10.3	B
24	Live Oak Ave/Oakley Rd	All-way stop	HCM 6th Edition	EB Thru	0.256	9.0	A
81	Live Oak Ave/El Lago Dr	Two-way stop	HCM 6th Edition	WB Left	0.022	10.5	B
82	Oakley Rd/Project Access	Two-way stop	HCM 6th Edition	EB Thru	0.003	0.0	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 2: Live Oak Rd/Main St

Control Type:	Signalized	Delay (sec / veh):	7.2
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.370

Intersection Setup

Name	Live Oak Avenue		Main St		Main St	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	1	1	1	1	0
Pocket Length [ft]	100.00	260.00	100.00	160.00	255.00	100.00
Speed [mph]	35.00		45.00		45.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		No		No	

Volumes

Name	Live Oak Avenue		Main St		Main St	
Base Volume Input [veh/h]	38	34	1074	98	22	652
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	4.30	4.30	4.30	4.30	4.30	4.30
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	38	34	1074	98	22	652
Peak Hour Factor	0.8600	0.8600	0.9300	0.9300	0.9300	0.9300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	11	10	289	26	6	175
Total Analysis Volume [veh/h]	44	40	1155	105	24	701
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		1		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	61.0
Offset Reference	LagFO
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Protected	Permissive
Signal group	8	0	2	0	1	6
Auxiliary Signal Groups						
Lead / Lag	Lag	-	-	-	Lead	-
Minimum Green [s]	8	0	10	0	6	10
Maximum Green [s]	47	0	44	0	11	61
Amber [s]	4.7	0.0	5.0	0.0	5.0	5.0
All red [s]	1.0	0.0	1.0	0.0	1.0	1.0
Split [s]	53	0	50	0	17	67
Vehicle Extension [s]	4.0	0.0	4.0	0.0	3.0	4.0
Walk [s]	0	0	7	0	0	0
Pedestrian Clearance [s]	0	0	26	0	0	0
Rest In Walk	No		No			No
I1, Start-Up Lost Time [s]	2.0	0.0	2.0	0.0	2.0	2.0
I2, Clearance Lost Time [s]	3.7	0.0	4.0	0.0	4.0	4.0
Minimum Recall	No		No		No	No
Maximum Recall	No		No		No	No
Pedestrian Recall	No		No		No	No
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	R	C	R	L	C
C, Cycle Length [s]	120	120	120	120	120	120
L, Total Lost Time per Cycle [s]	5.70	5.70	6.00	6.00	6.00	6.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.70	3.70	4.00	4.00	4.00	4.00
g_i, Effective Green Time [s]	8	8	91	91	3	101
g / C, Green / Cycle	0.06	0.06	0.76	0.76	0.03	0.84
(v / s)_i Volume / Saturation Flow Rate	0.03	0.03	0.33	0.07	0.01	0.20
s, saturation flow rate [veh/h]	1748	1560	3495	1528	1748	3495
c, Capacity [veh/h]	112	100	2659	1163	49	2931
d1, Uniform Delay [s]	53.93	53.96	5.13	3.68	57.50	1.96
k, delay calibration	0.15	0.15	0.50	0.50	0.11	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	3.19	3.68	0.52	0.15	7.57	0.19
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.39	0.40	0.43	0.09	0.49	0.24
d, Delay for Lane Group [s/veh]	57.12	57.64	5.65	3.83	65.07	2.15
Lane Group LOS	E	E	A	A	E	A
Critical Lane Group	No	Yes	Yes	No	Yes	No
50th-Percentile Queue Length [veh/ln]	1.37	1.26	3.97	0.54	0.80	0.86
50th-Percentile Queue Length [ft/ln]	34.20	31.40	99.29	13.57	20.10	21.62
95th-Percentile Queue Length [veh/ln]	2.46	2.26	7.15	0.98	1.45	1.56
95th-Percentile Queue Length [ft/ln]	61.55	56.52	178.72	24.43	36.18	38.92

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	57.12	57.64	5.65	3.83	65.07	2.15
Movement LOS	E	E	A	A	E	A
d_A, Approach Delay [s/veh]	57.37		5.49		4.23	
Approach LOS	E		A		A	
d_I, Intersection Delay [s/veh]	7.16					
Intersection LOS	A					
Intersection V/C	0.370					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	0.0	0.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	49.50	0.00	0.00
l_p,int, Pedestrian LOS Score for Intersection	2.035	0.000	0.000
Crosswalk LOS	B	F	F
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	60.00	60.00	60.00
l_b,int, Bicycle LOS Score for Intersection	4.132	5.172	4.731
Bicycle LOS	D	F	E

Sequence

Ring 1	1	2	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 14: Empire Ave/Oakley Rd

Control Type:	Signalized	Delay (sec / veh):	27.7
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.311

Intersection Setup

Name	Oakley Rd			Empire Ave			Empire Ave			Driveway		
Approach	Eastbound			Northeastbound			Southwestbound			Northwestbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	1	0	0	0	0	0
Pocket Length [ft]	315.00	100.00	100.00	110.00	100.00	100.00	140.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	35.00			40.00			40.00			15.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Oakley Rd			Empire Ave			Empire Ave			Driveway		
Base Volume Input [veh/h]	64	38	90	88	334	12	71	363	60	68	32	54
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	64	38	90	88	334	12	71	363	60	68	32	54
Peak Hour Factor	0.8500	0.8500	0.8500	0.9200	0.9200	0.9200	0.9300	0.9300	0.9300	0.8900	0.8900	0.8900
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	19	11	26	24	91	3	19	98	16	19	9	15
Total Analysis Volume [veh/h]	75	45	106	96	363	13	76	390	65	76	36	61
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	1			2			2			1		
v_di, Inbound Pedestrian Volume crossing m	2			1			1			2		
v_co, Outbound Pedestrian Volume crossing	0			1			0			1		
v_ci, Inbound Pedestrian Volume crossing mi	0			1			0			1		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	2			0			1			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	110
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	1.0
Offset Reference	LagFO
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Split	Split	Split	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Split	Split	Split
Signal group	0	4	0	5	2	0	1	6	0	0	8	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	Lead	-	-	Lead	-	-	-	-	-
Minimum Green [s]	0	4	0	4	4	0	4	4	0	0	4	0
Maximum Green [s]	0	13	0	13	38	0	10	35	0	0	30	0
Amber [s]	0.0	4.1	0.0	3.0	4.4	0.0	3.0	4.4	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	1.0	2.0	0.0	1.0	2.0	0.0	0.0	1.0	0.0
Split [s]	0	18	0	17	43	0	14	40	0	0	35	0
Vehicle Extension [s]	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0
Walk [s]	0	5	0	0	5	0	0	5	0	0	4	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	23	0	0	26	0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.1	0.0	2.0	4.4	0.0	2.0	4.4	0.0	0.0	2.0	0.0
Minimum Recall		No		No	No		No	No			No	
Maximum Recall		No		No	Yes		No	Yes			No	
Pedestrian Recall		No		No	No		No	No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	R	L	C	C	L	C	C	C	R
C, Cycle Length [s]	110	110	110	110	110	110	110	110	110	110	110
L, Total Lost Time per Cycle [s]	5.10	5.10	5.10	4.00	6.40	6.40	4.00	6.40	6.40	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.10	3.10	3.10	2.00	4.40	4.40	2.00	4.40	4.40	2.00	2.00
g_i, Effective Green Time [s]	10	10	10	7	65	65	6	63	63	10	10
g / C, Green / Cycle	0.09	0.09	0.09	0.07	0.59	0.59	0.05	0.57	0.57	0.09	0.09
(v / s)_i Volume / Saturation Flow Rate	0.03	0.03	0.07	0.05	0.10	0.10	0.04	0.12	0.13	0.06	0.04
s, saturation flow rate [veh/h]	1781	1846	1548	1781	1870	1847	1781	1870	1766	1809	1573
c, Capacity [veh/h]	164	170	142	121	1097	1084	98	1072	1013	162	141
d1, Uniform Delay [s]	46.92	46.91	48.60	50.49	10.45	10.46	51.33	11.43	11.46	48.62	47.42
k, delay calibration	0.04	0.04	0.04	0.04	0.50	0.50	0.04	0.50	0.50	0.04	0.04
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.50	0.48	2.91	4.33	0.34	0.35	4.97	0.46	0.50	1.98	0.78
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.36	0.36	0.75	0.79	0.17	0.17	0.78	0.22	0.22	0.69	0.43
d, Delay for Lane Group [s/veh]	47.42	47.38	51.51	54.82	10.79	10.80	56.30	11.89	11.96	50.60	48.21
Lane Group LOS	D	D	D	D	B	B	E	B	B	D	D
Critical Lane Group	No	No	Yes	Yes	No	No	No	No	Yes	Yes	No
50th-Percentile Queue Length [veh/ln]	1.53	1.57	2.91	2.70	2.05	2.03	2.16	2.70	2.61	3.15	1.66
50th-Percentile Queue Length [ft/ln]	38.31	39.27	72.84	67.43	51.27	50.87	54.07	67.52	65.23	78.73	41.41
95th-Percentile Queue Length [veh/ln]	2.76	2.83	5.24	4.85	3.69	3.66	3.89	4.86	4.70	5.67	2.98
95th-Percentile Queue Length [ft/ln]	68.96	70.69	131.11	121.37	92.29	91.56	97.33	121.54	117.42	141.71	74.54

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	47.42	47.38	51.51	54.82	10.80	10.80	56.30	11.92	11.96	50.60	50.60	48.21
Movement LOS	D	D	D	D	B	B	E	B	B	D	D	D
d_A, Approach Delay [s/veh]	49.33			19.75			18.27			49.75		
Approach LOS	D			B			B			D		
d_I, Intersection Delay [s/veh]	27.66											
Intersection LOS	C											
Intersection V/C	0.311											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	8.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	2450.66	2244.07	3947.00
d_p, Pedestrian Delay [s]	46.37	46.37	47.29	46.37
l_p,int, Pedestrian LOS Score for Intersection	2.263	2.582	2.688	2.001
Crosswalk LOS	B	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	235	665	611	564
d_b, Bicycle Delay [s]	42.90	24.49	26.54	28.37
l_b,int, Bicycle LOS Score for Intersection	1.933	1.949	1.998	1.845
Bicycle LOS	A	A	A	A

Sequence

Ring 1	1	2	4	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 22: Neroly Rd/Oakley Rd

Control Type:	All-way stop	Delay (sec / veh):	9.6
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.385

Intersection Setup

Name	Neroly Rd			Neroly Rd			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	45.00			40.00			45.00			45.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	Neroly Rd			Neroly Rd			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	27	53	0	95	139	12	6	59	35	7	44	44
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	27	53	0	95	139	12	6	59	35	7	44	44
Peak Hour Factor	0.8300	0.8300	0.8300	0.8300	0.8300	0.8300	0.8100	0.8100	0.8100	0.8800	0.8800	0.8800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	8	16	0	29	42	4	2	18	11	2	13	13
Total Analysis Volume [veh/h]	33	64	0	114	167	14	7	73	43	8	50	50
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	725	766	741	747
Degree of Utilization, x	0.13	0.39	0.17	0.14

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	0.46	1.82	0.59	0.50
95th-Percentile Queue Length [ft]	11.52	45.57	14.82	12.60
Approach Delay [s/veh]	8.73	10.61	8.83	8.63
Approach LOS	A	B	A	A
Intersection Delay [s/veh]	9.62			
Intersection LOS	A			

Intersection Level Of Service Report
Intersection 23: Neroly Rd/Live Oak Ave

Control Type:	All-way stop	Delay (sec / veh):	10.3
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.355

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Neroly Rd			Live Oak Ave		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	150.00	100.00	100.00	155.00	100.00	100.00
Speed [mph]	50.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			Yes			No			Yes		

Volumes

Name	Live Oak Ave			Live Oak Ave			Neroly Rd			Live Oak Ave		
Base Volume Input [veh/h]	68	81	40	71	52	4	2	2	78	37	51	128
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	68	81	40	71	52	4	2	2	78	37	51	128
Peak Hour Factor	0.8300	0.8300	0.8300	0.8800	0.8800	0.8800	0.7100	0.7100	0.7100	0.7800	0.7800	0.7800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	20	24	12	20	15	1	1	1	27	12	16	41
Total Analysis Volume [veh/h]	82	98	48	81	59	5	3	3	110	47	65	164
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	642	613	549	595	674	566	615	701
Degree of Utilization, x	0.36	0.24	0.01	0.01	0.16	0.08	0.11	0.23

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	1.60	0.91	0.02	0.02	0.58	0.27	0.35	0.90
95th-Percentile Queue Length [ft]	40.07	22.86	0.41	0.38	14.50	6.77	8.82	22.61
Approach Delay [s/veh]	11.67	10.68	9.07			9.40		
Approach LOS	B	B	A			A		
Intersection Delay [s/veh]	10.27							
Intersection LOS	B							

Intersection Level Of Service Report
Intersection 24: Live Oak Ave/Oakley Rd

Control Type:	All-way stop	Delay (sec / veh):	9.0
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.256

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	10	44	46	37	39	5	3	124	41	40	89	19
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	10	44	46	37	39	5	3	124	41	40	89	19
Peak Hour Factor	0.8100	0.8100	0.8100	0.7800	0.7800	0.7800	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	3	14	14	12	13	2	1	37	12	12	26	6
Total Analysis Volume [veh/h]	12	54	57	47	50	6	4	148	49	48	106	23
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	762	711	785	761
Degree of Utilization, x	0.16	0.14	0.26	0.23

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	0.57	0.50	1.02	0.90
95th-Percentile Queue Length [ft]	14.35	12.62	25.47	22.45
Approach Delay [s/veh]	8.64	8.92	9.16	9.16
Approach LOS	A	A	A	A
Intersection Delay [s/veh]	9.01			
Intersection LOS	A			

Intersection Level Of Service Report
Intersection 81: Live Oak Ave/El Lago Dr

Control Type:	Two-way stop	Delay (sec / veh):	10.5
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.022

Intersection Setup

Name	Live Oak Ave		Live Oak Ave		El lago Dr	
Approach	Northbound		Southbound		Westbound	
Lane Configuration						
Turning Movement	Thru	Right	Left	Thru	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00		40.00		25.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Live Oak Ave		Live Oak Ave		El lago Dr	
Base Volume Input [veh/h]	88	28	32	83	12	13
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	3.00	3.00	1.00	1.00	0.00	0.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	88	28	32	83	12	13
Peak Hour Factor	0.8400	0.8400	0.8500	0.8500	0.7800	0.7800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	26	8	9	24	4	4
Total Analysis Volume [veh/h]	105	33	38	98	15	17
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.03	0.00	0.02	0.02
d_M, Delay for Movement [s/veh]	0.00	0.00	7.55	0.00	10.48	9.04
Movement LOS	A	A	A	A	B	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.08	0.08	0.13	0.13
95th-Percentile Queue Length [ft/ln]	0.00	0.00	2.01	2.01	3.14	3.14
d_A, Approach Delay [s/veh]	0.00		2.11		9.71	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	1.95					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 82: Oakley Rd/Project Access

Control Type:	Two-way stop	Delay (sec / veh):	0.0
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.003

Intersection Setup

Name	Project Access		Oakley Rd		Oakley Rd	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	15.00		35.00		35.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Project Access		Oakley Rd		Oakley Rd	
Base Volume Input [veh/h]	0	0	227	0	0	160
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	1.00	1.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	0	0	227	0	0	160
Peak Hour Factor	0.2500	0.2500	0.9000	0.2500	0.2500	0.8900
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	0	63	0	0	45
Total Analysis Volume [veh/h]	0	0	252	0	0	180
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	11.16	9.55	0.00	0.00	7.73	0.00
Movement LOS	B	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	10.35		0.00		0.00	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	0.00					
Intersection LOS	A					

The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Existing Conditions_PM.pdf

Scenario 3 Existing Conditions PM
5/1/2019

Turning Movement Volume: Summary

ID	Intersection Name	Northbound		Eastbound		Westbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
2	Live Oak Rd/Main St	38	34	1074	98	22	652	1918

ID	Intersection Name	Eastbound			Northeastbound			Southwestbound			Northwestbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
14	Empire Ave/Oakley Rd	64	38	90	88	334	12	71	363	60	68	32	54	1274

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
22	Neroly Rd/Oakley Rd	27	53	0	95	139	12	6	59	35	7	44	44	521

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
23	Neroly Rd/Live Oak Ave	68	81	40	71	52	4	2	2	78	37	51	128	614

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	10	44	46	37	39	5	3	124	41	40	89	19	497

ID	Intersection Name	Northbound		Southbound		Westbound		Total Volume
		Thru	Right	Left	Thru	Left	Right	
81	Live Oak Ave/El Lago Dr	88	28	32	83	12	13	256

ID	Intersection Name	Northbound		Eastbound		Westbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
82	Oakley Rd/Project Access	0	0	227	0	0	160	387

The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Existing Conditions_PM.pdf

Scenario 3 Existing Conditions PM
5/1/2019

Turning Movement Volume: Detail

ID	Intersection Name	Volume Type	Northbound		Eastbound		Westbound		Total Volume
			Left	Right	Thru	Right	Left	Thru	
2	Live Oak Rd/Main St	Final Base	38	34	1074	98	22	652	1918
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0
		Future Total	**38**	**34**	**1074**	**98**	**22**	**652**	**1918**

ID	Intersection Name	Volume Type	Eastbound			Northeastbound			Southwestbound			Northwestbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
14	Empire Ave/Oakley Rd	Final Base	64	38	90	88	334	12	71	363	60	68	32	54	1274
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	**64**	**38**	**90**	**88**	**334**	**12**	**71**	**363**	**60**	**68**	**32**	**54**	**1274**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
22	Neroly Rd/Oakley Rd	Final Base	27	53	0	95	139	12	6	59	35	7	44	44	521
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	**27**	**53**	**0**	**95**	**139**	**12**	**6**	**59**	**35**	**7**	**44**	**44**	**521**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
23	Neroly Rd/Live Oak Ave	Final Base	68	81	40	71	52	4	2	2	78	37	51	128	614
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	**68**	**81**	**40**	**71**	**52**	**4**	**2**	**2**	**78**	**37**	**51**	**128**	**614**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	Final Base	10	44	46	37	39	5	3	124	41	40	89	19	497
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	**10**	**44**	**46**	**37**	**39**	**5**	**3**	**124**	**41**	**40**	**89**	**19**	**497**

ID	Intersection Name	Volume Type	Northbound		Southbound		Westbound		Total Volume
			Thru	Right	Left	Thru	Left	Right	
81	Live Oak Ave/El Lago Dr	Final Base	88	28	32	83	12	13	256
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0
		Future Total	**88**	**28**	**32**	**83**	**12**	**13**	**256**

ID	Intersection Name	Volume Type	Northbound		Eastbound		Westbound		Total Volume
			Left	Right	Thru	Right	Left	Thru	
82	Oakley Rd/Project Access	Final Base	0	0	227	0	0	160	387
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0
		Future Total	**0**	**0**	**227**	**0**	**0**	**160**	**387**

Appendix C

Existing plus Project Conditions LOS Analysis

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The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Existing plus Project Conditions_AM.pdf

Scenario 2 Existing Plus Project Conditions AM
5/3/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
2	Live Oak Rd/Main St	Signalized	HCM 6th Edition	WB Left	0.477	19.6	B
14	Empire Ave/Oakley Rd	Signalized	HCM 6th Edition	SWB Left	0.309	21.9	C
22	Neroly Rd/Oakley Rd	All-way stop	HCM 6th Edition	SB Thru	0.323	10.2	B
23	Neroly Rd/Live Oak Ave	All-way stop	HCM 6th Edition	SB Left	0.479	12.4	B
24	Live Oak Ave/Oakley Rd	All-way stop	HCM 6th Edition	EB Left	0.720	20.3	C
81	Live Oak Ave/El Lago Dr	Two-way stop	HCM 6th Edition	WB Left	0.084	13.3	B
82	Oakley Rd/Project Access	Two-way stop	HCM 6th Edition	NB Left	0.127	12.5	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 2: Live Oak Rd/Main St

Control Type:	Signalized	Delay (sec / veh):	19.6
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.477

Intersection Setup

Name	Live Oak Avenue		Main St		Main St	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	1	1	1	1	0
Pocket Length [ft]	100.00	260.00	100.00	160.00	255.00	100.00
Speed [mph]	35.00		45.00		45.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		No		No	

Volumes

Name	Live Oak Avenue		Main St		Main St	
Base Volume Input [veh/h]	217	85	483	145	37	820
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	4.30	4.30	4.30	4.30	4.30	4.30
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	18	0	0	6	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	235	85	483	151	37	820
Peak Hour Factor	0.6800	0.6800	0.7900	0.7900	0.8400	0.8400
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	86	31	153	48	11	244
Total Analysis Volume [veh/h]	346	125	611	191	44	976
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	61.0
Offset Reference	LagFO
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Protected	Permissive
Signal group	8	0	2	0	1	6
Auxiliary Signal Groups						
Lead / Lag	Lag	-	-	-	Lead	-
Minimum Green [s]	8	0	10	0	6	10
Maximum Green [s]	47	0	44	0	11	61
Amber [s]	4.7	0.0	5.0	0.0	5.0	5.0
All red [s]	1.0	0.0	1.0	0.0	1.0	1.0
Split [s]	53	0	50	0	17	67
Vehicle Extension [s]	3.0	0.0	4.0	0.0	3.0	4.0
Walk [s]	0	0	7	0	0	0
Pedestrian Clearance [s]	0	0	26	0	0	0
Rest In Walk	No		No			No
I1, Start-Up Lost Time [s]	2.0	0.0	2.0	0.0	2.0	2.0
I2, Clearance Lost Time [s]	3.7	0.0	4.0	0.0	4.0	4.0
Minimum Recall	No		No		No	No
Maximum Recall	No		No		No	No
Pedestrian Recall	No		No		No	No
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	R	C	R	L	C
C, Cycle Length [s]	120	120	120	120	120	120
L, Total Lost Time per Cycle [s]	5.70	5.70	6.00	6.00	6.00	6.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.70	3.70	4.00	4.00	4.00	4.00
g_i, Effective Green Time [s]	26	26	71	71	5	82
g / C, Green / Cycle	0.22	0.22	0.59	0.59	0.04	0.68
(v / s)_i Volume / Saturation Flow Rate	0.20	0.08	0.17	0.12	0.03	0.28
s, saturation flow rate [veh/h]	1748	1560	3495	1560	1748	3495
c, Capacity [veh/h]	384	342	2075	926	69	2387
d1, Uniform Delay [s]	45.58	39.74	12.00	11.28	56.80	8.36
k, delay calibration	0.11	0.11	0.50	0.50	0.11	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	7.92	0.65	0.36	0.50	9.53	0.52
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.90	0.37	0.29	0.21	0.64	0.41
d, Delay for Lane Group [s/veh]	53.50	40.39	12.36	11.79	66.33	8.88
Lane Group LOS	D	D	B	B	E	A
Critical Lane Group	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	10.73	3.18	3.79	2.30	1.47	4.90
50th-Percentile Queue Length [ft/ln]	268.26	79.41	94.71	57.39	36.67	122.62
95th-Percentile Queue Length [veh/ln]	16.10	5.72	6.82	4.13	2.64	8.54
95th-Percentile Queue Length [ft/ln]	402.56	142.93	170.48	103.30	66.01	213.42

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	53.50	40.39	12.36	11.79	66.33	8.88
Movement LOS	D	D	B	B	E	A
d_A, Approach Delay [s/veh]	50.02		12.22		11.36	
Approach LOS	D		B		B	
d_I, Intersection Delay [s/veh]	19.60					
Intersection LOS	B					
Intersection V/C	0.477					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	0.0	0.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	49.50	0.00	0.00
l_p,int, Pedestrian LOS Score for Intersection	2.222	0.000	0.000
Crosswalk LOS	B	F	F
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	60.00	60.00	60.00
l_b,int, Bicycle LOS Score for Intersection	4.132	4.794	4.974
Bicycle LOS	D	E	E

Sequence

Ring 1	1	2	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 14: Empire Ave/Oakley Rd

Control Type:	Signalized	Delay (sec / veh):	21.9
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.309

Intersection Setup

Name	Oakley Rd			Empire Ave			Empire Ave			Driveway		
Approach	Eastbound			Northeastbound			Southwestbound			Northwestbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	1	0	0	0	0	0
Pocket Length [ft]	315.00	100.00	100.00	110.00	100.00	100.00	140.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	35.00			40.00			40.00			15.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Oakley Rd			Empire Ave			Empire Ave			Driveway		
Base Volume Input [veh/h]	48	5	59	103	296	12	25	336	81	16	13	32
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	8	0	2	1	0	0	0	0	2	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	56	5	61	104	296	12	25	336	83	16	13	32
Peak Hour Factor	0.7700	0.7700	0.7700	0.8200	0.8200	0.8200	0.7300	0.7300	0.7300	0.7700	0.7700	0.7700
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	18	2	20	32	90	4	9	115	28	5	4	10
Total Analysis Volume [veh/h]	73	6	79	127	361	15	34	460	114	21	17	42
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	1			1			1			0		
v_di, Inbound Pedestrian Volume crossing m	1			1			0			1		
v_co, Outbound Pedestrian Volume crossing	0			1			0			2		
v_ci, Inbound Pedestrian Volume crossing mi	0			2			0			1		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	1			0			0			1		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	110
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	1.0
Offset Reference	LagFO
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Split	Split	Split	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Split	Split	Split
Signal group	0	4	0	5	2	0	1	6	0	0	8	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	Lead	-	-	Lead	-	-	-	-	-
Minimum Green [s]	0	4	0	4	4	0	4	4	0	0	4	0
Maximum Green [s]	0	11	0	15	38	0	12	35	0	0	30	0
Amber [s]	0.0	4.1	0.0	3.0	4.4	0.0	3.0	4.4	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	1.0	2.0	0.0	1.0	2.0	0.0	0.0	1.0	0.0
Split [s]	0	16	0	19	44	0	16	41	0	0	34	0
Vehicle Extension [s]	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0
Walk [s]	0	5	0	0	5	0	0	5	0	0	4	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	23	0	0	26	0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.1	0.0	2.0	4.4	0.0	2.0	4.4	0.0	0.0	2.0	0.0
Minimum Recall		No		No	No		No	No			No	
Maximum Recall		No		No	Yes		No	Yes			No	
Pedestrian Recall		No		No	No		No	No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	R	L	C	C	L	C	C	C	R
C, Cycle Length [s]	110	110	110	110	110	110	110	110	110	110	110
L, Total Lost Time per Cycle [s]	5.10	5.10	5.10	4.00	6.40	6.40	4.00	6.40	6.40	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.10	3.10	3.10	2.00	4.40	4.40	2.00	4.40	4.40	2.00	2.00
g_i, Effective Green Time [s]	8	8	8	10	75	75	3	68	68	5	5
g / C, Green / Cycle	0.07	0.07	0.07	0.09	0.68	0.68	0.02	0.62	0.62	0.04	0.04
(v / s)_i Volume / Saturation Flow Rate	0.02	0.02	0.05	0.07	0.10	0.10	0.02	0.16	0.16	0.02	0.03
s, saturation flow rate [veh/h]	1781	1794	1553	1781	1870	1843	1781	1870	1744	1820	1552
c, Capacity [veh/h]	129	130	113	155	1273	1254	43	1155	1078	82	70
d1, Uniform Delay [s]	48.38	48.38	49.79	49.37	6.25	6.25	53.37	9.54	9.56	51.20	51.49
k, delay calibration	0.04	0.04	0.04	0.04	0.50	0.50	0.04	0.50	0.50	0.04	0.04
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.49	0.48	2.95	4.03	0.25	0.25	10.81	0.53	0.58	1.49	2.99
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.31	0.30	0.70	0.82	0.15	0.15	0.78	0.26	0.26	0.46	0.60
d, Delay for Lane Group [s/veh]	48.88	48.87	52.74	53.40	6.49	6.50	64.18	10.08	10.14	52.68	54.48
Lane Group LOS	D	D	D	D	A	A	E	B	B	D	D
Critical Lane Group	No	No	Yes	Yes	No	No	No	No	Yes	No	Yes
50th-Percentile Queue Length [veh/ln]	1.03	1.04	2.19	3.53	1.43	1.42	1.05	3.09	2.93	1.08	1.22
50th-Percentile Queue Length [ft/ln]	25.87	25.97	54.75	88.31	35.86	35.52	26.20	77.37	73.27	27.02	30.55
95th-Percentile Queue Length [veh/ln]	1.86	1.87	3.94	6.36	2.58	2.56	1.89	5.57	5.28	1.95	2.20
95th-Percentile Queue Length [ft/ln]	46.56	46.74	98.54	158.95	64.55	63.93	47.17	139.26	131.89	48.64	54.99

Movement, Approach, & Intersection Results

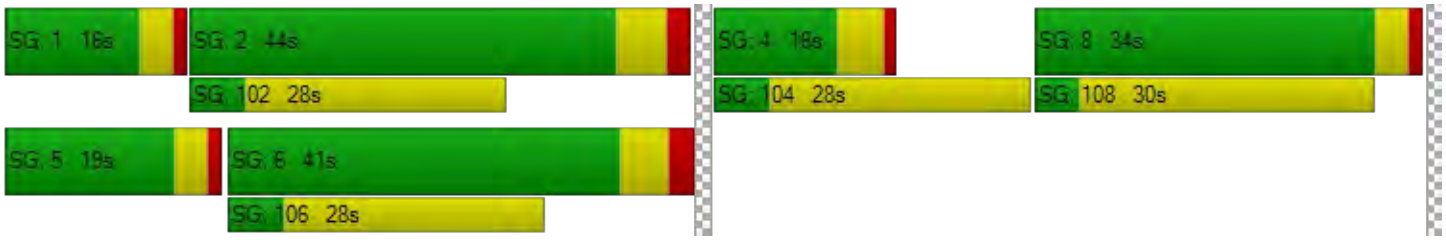
d_M, Delay for Movement [s/veh]	48.87	48.87	52.74	53.40	6.50	6.50	64.18	10.10	10.14	52.68	52.68	54.48
Movement LOS	D	D	D	D	A	A	E	B	B	D	D	D
d_A, Approach Delay [s/veh]	50.80			18.34			13.13			53.62		
Approach LOS	D			B			B			D		
d_I, Intersection Delay [s/veh]	21.89											
Intersection LOS	C											
Intersection V/C	0.309											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	8.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	3816.13	6948.99	2621.24
d_p, Pedestrian Delay [s]	46.37	46.37	47.29	46.37
l_p,int, Pedestrian LOS Score for Intersection	2.261	2.587	2.700	1.973
Crosswalk LOS	B	B	B	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	198	684	629	545
d_b, Bicycle Delay [s]	44.66	23.83	25.84	29.11
l_b,int, Bicycle LOS Score for Intersection	1.820	1.975	2.061	1.692
Bicycle LOS	A	A	B	A

Sequence

Ring 1	1	2	4	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 22: Neroly Rd/Oakley Rd

Control Type:	All-way stop	Delay (sec / veh):	10.2
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.323

Intersection Setup

Name	Neroly Rd			Neroly Rd			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	45.00			40.00			45.00			45.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	Neroly Rd			Neroly Rd			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	46	84	6	59	88	8	4	87	46	3	65	64
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	1	0
Total Hourly Volume [veh/h]	46	84	6	59	88	8	4	87	46	3	66	64
Peak Hour Factor	0.7700	0.7700	0.7700	0.7600	0.7600	0.7600	0.5900	0.5900	0.5900	0.8900	0.8900	0.8900
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	15	27	2	19	29	3	2	37	19	1	19	18
Total Analysis Volume [veh/h]	60	109	8	78	116	11	7	147	78	3	74	72
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	679	685	718	713
Degree of Utilization, x	0.26	0.30	0.32	0.21

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	1.04	1.26	1.40	0.78
95th-Percentile Queue Length [ft]	26.00	31.41	34.98	19.61
Approach Delay [s/veh]	10.16	10.49	10.38	9.38
Approach LOS	B	B	B	A
Intersection Delay [s/veh]	10.17			
Intersection LOS	B			

Intersection Level Of Service Report
Intersection 23: Neroly Rd/Live Oak Ave

Control Type:	All-way stop	Delay (sec / veh):	12.4
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.479

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Neroly Rd			Neroly Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	150.00	100.00	100.00	155.00	100.00	100.00
Speed [mph]	50.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			Yes			No			Yes		

Volumes

Name	Live Oak Ave			Live Oak Ave			Neroly Rd			Neroly Rd		
Base Volume Input [veh/h]	74	64	93	116	120	1	2	46	110	19	40	82
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	5	0	0	0	0	0	0	0	2
Total Hourly Volume [veh/h]	74	64	93	121	120	1	2	46	110	19	40	84
Peak Hour Factor	0.8500	0.8500	0.8500	0.8500	0.8500	0.8500	0.7900	0.7900	0.7900	0.7200	0.7200	0.7200
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	22	19	27	36	35	0	1	15	35	7	14	29
Total Analysis Volume [veh/h]	87	75	109	142	141	1	3	58	139	26	56	117
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	617	593	503	543	609	502	541	607
Degree of Utilization, x	0.44	0.48	0.01	0.11	0.23	0.05	0.10	0.19

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	2.24	2.58	0.02	0.36	0.87	0.16	0.34	0.71
95th-Percentile Queue Length [ft]	55.92	64.61	0.45	8.92	21.87	4.08	8.61	17.70
Approach Delay [s/veh]	13.34	14.52	10.28			10.09		
Approach LOS	B	B	B			B		
Intersection Delay [s/veh]	12.37							
Intersection LOS	B							

Intersection Level Of Service Report
Intersection 24: Live Oak Ave/Oakley Rd

Control Type:	All-way stop	Delay (sec / veh):	20.3
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.720

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	18	158	25	30	76	22	103	54	17	40	89	89
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	2	7	0	0	0	0	0	5	1	19
Total Hourly Volume [veh/h]	18	158	27	37	76	22	103	54	17	45	90	108
Peak Hour Factor	0.6100	0.6100	0.6100	0.6200	0.6200	0.6200	0.4500	0.4500	0.4500	0.8400	0.8400	0.8400
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	7	65	11	15	31	9	57	30	9	13	27	32
Total Analysis Volume [veh/h]	30	259	44	60	123	35	229	120	38	54	107	129
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	530	503	538	539
Degree of Utilization, x	0.63	0.43	0.72	0.54

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	4.32	2.17	5.88	3.17
95th-Percentile Queue Length [ft]	108.06	54.13	146.91	79.35
Approach Delay [s/veh]	20.62	15.53	25.04	17.20
Approach LOS	C	C	D	C
Intersection Delay [s/veh]	20.30			
Intersection LOS	C			

Intersection Level Of Service Report
Intersection 81: Live Oak Ave/El Lago Dr

Control Type:	Two-way stop	Delay (sec / veh):	13.3
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.084

Intersection Setup

Name	Live Oak Ave		Live Oak Ave		El Lago Dr	
Approach	Northbound		Southbound		Westbound	
Lane Configuration						
Turning Movement	Thru	Right	Left	Thru	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00		40.00		25.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Live Oak Ave		Live Oak Ave		El Lago Dr	
Base Volume Input [veh/h]	150	7	20	121	23	39
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	1.00	1.00	1.00	1.00	0.00	0.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	2	0	0	5	0	0
Total Hourly Volume [veh/h]	152	7	20	126	23	39
Peak Hour Factor	0.5400	0.5400	0.7300	0.7300	0.5300	0.5300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	70	3	7	43	11	18
Total Analysis Volume [veh/h]	281	13	27	173	43	74
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.02	0.00	0.08	0.10
d_M, Delay for Movement [s/veh]	0.00	0.00	7.89	0.00	13.28	11.00
Movement LOS	A	A	A	A	B	B
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.06	0.06	0.66	0.66
95th-Percentile Queue Length [ft/ln]	0.00	0.00	1.62	1.62	16.51	16.51
d_A, Approach Delay [s/veh]	0.00		1.06		11.84	
Approach LOS	A		A		B	
d_I, Intersection Delay [s/veh]	2.62					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 82: Oakley Rd/Project Access

Control Type:	Two-way stop	Delay (sec / veh):	12.5
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.127

Intersection Setup

Name	Project Access		Oakley Rd		Oakley Rd	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	15.00		35.00		35.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Project Access		Oakley Rd		Oakley Rd	
Base Volume Input [veh/h]	0	0	108	0	0	208
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	0.00	0.00	1.00	1.00	1.00	1.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	25	10	0	9	3	0
Total Hourly Volume [veh/h]	25	10	108	9	3	208
Peak Hour Factor	0.3500	0.3500	0.7500	0.7500	0.6800	0.6800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	18	7	36	3	1	76
Total Analysis Volume [veh/h]	71	29	144	12	4	306
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.13	0.03	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	12.53	10.08	0.00	0.00	7.52	0.00
Movement LOS	B	B	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.56	0.56	0.00	0.00	0.01	0.01
95th-Percentile Queue Length [ft/ln]	14.10	14.10	0.00	0.00	0.21	0.21
d_A, Approach Delay [s/veh]	11.82		0.00		0.10	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	2.14					
Intersection LOS	B					

The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Existing plus Project Conditions_AM.pdf

Scenario 2 Existing Plus Project Conditions AM
5/3/2019

Turning Movement Volume: Summary

ID	Intersection Name	Northbound		Eastbound		Westbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
2	Live Oak Rd/Main St	235	85	483	151	37	820	1811

ID	Intersection Name	Eastbound			Northeastbound			Southwestbound			Northwestbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
14	Empire Ave/Oakley Rd	56	5	61	104	296	12	25	336	83	16	13	32	1039

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
22	Neroly Rd/Oakley Rd	46	84	6	59	88	8	4	87	46	3	66	64	561

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
23	Neroly Rd/Live Oak Ave	74	64	93	121	120	1	2	46	110	19	40	84	774

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	18	158	27	37	76	22	103	54	17	45	90	108	755

ID	Intersection Name	Northbound		Southbound		Westbound		Total Volume
		Thru	Right	Left	Thru	Left	Right	
81	Live Oak Ave/El Lago Dr	152	7	20	126	23	39	367

ID	Intersection Name	Northbound		Eastbound		Westbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
82	Oakley Rd/Project Access	25	10	108	9	3	208	363

The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Existing plus Project Conditions_AM.pdf

Scenario 2 Existing Plus Project Conditions AM
5/3/2019

Turning Movement Volume: Detail

ID	Intersection Name	Volume Type	Northbound		Eastbound		Westbound		Total Volume
			Left	Right	Thru	Right	Left	Thru	
2	Live Oak Rd/Main St	Final Base	217	85	483	145	37	820	1787
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0
		Other	18	0	0	6	0	0	24
		Future Total	**235**	**85**	**483**	**151**	**37**	**820**	**1811**

ID	Intersection Name	Volume Type	Eastbound			Northeastbound			Southwestbound			Northwestbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
14	Empire Ave/Oakley Rd	Final Base	48	5	59	103	296	12	25	336	81	16	13	32	1026
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other	8	0	2	1	0	0	0	0	2	0	0	0	13
		Future Total	**56**	**5**	**61**	**104**	**296**	**12**	**25**	**336**	**83**	**16**	**13**	**32**	**1039**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
22	Neroly Rd/Oakley Rd	Final Base	46	84	6	59	88	8	4	87	46	3	65	64	560
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0	0	0	0	1	0	1
		Future Total	**46**	**84**	**6**	**59**	**88**	**8**	**4**	**87**	**46**	**3**	**66**	**64**	**561**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
23	Neroly Rd/Live Oak Ave	Final Base	74	64	93	116	120	1	2	46	110	19	40	82	767
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other	0	0	0	5	0	0	0	0	0	0	0	2	7
		Future Total	**74**	**64**	**93**	**121**	**120**	**1**	**2**	**46**	**110**	**19**	**40**	**84**	**774**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	Final Base	18	158	25	30	76	22	103	54	17	40	89	89	721
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other	0	0	2	7	0	0	0	0	0	5	1	19	34
		Future Total	**18**	**158**	**27**	**37**	**76**	**22**	**103**	**54**	**17**	**45**	**90**	**108**	**755**

ID	Intersection Name	Volume Type	Northbound		Southbound		Westbound		Total Volume
			Thru	Right	Left	Thru	Left	Right	
81	Live Oak Ave/El Lago Dr	Final Base	150	7	20	121	23	39	360
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0
		Other	2	0	0	5	0	0	7
		Future Total	**152**	**7**	**20**	**126**	**23**	**39**	**367**

ID	Intersection Name	Volume Type	Northbound		Eastbound		Westbound		Total Volume
			Left	Right	Thru	Right	Left	Thru	
82	Oakley Rd/Project Access	Final Base	0	0	108	0	0	208	316
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0
		Other	25	10	0	9	3	0	47
		Future Total	**25**	**10**	**108**	**9**	**3**	**208**	**363**

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The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Existing plus Project Conditions_PM.pdf

Scenario 4 Existing Plus Project Conditions PM
5/3/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
2	Live Oak Rd/Main St	Signalized	HCM 6th Edition	WB Left	0.377	7.5	A
14	Empire Ave/Oakley Rd	Signalized	HCM 6th Edition	SWB Left	0.317	27.9	C
22	Neroly Rd/Oakley Rd	All-way stop	HCM 6th Edition	SB Thru	0.385	9.6	A
23	Neroly Rd/Live Oak Ave	All-way stop	HCM 6th Edition	NB Thru	0.357	10.3	B
24	Live Oak Ave/Oakley Rd	All-way stop	HCM 6th Edition	WB Thru	0.264	9.3	A
81	Live Oak Ave/El Lago Dr	Two-way stop	HCM 6th Edition	WB Left	0.022	10.6	B
82	Oakley Rd/Project Access	Two-way stop	HCM 6th Edition	NB Left	0.062	12.2	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 2: Live Oak Rd/Main St

Control Type:	Signalized	Delay (sec / veh):	7.5
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.377

Intersection Setup

Name	Live Oak Avenue		Main St		Main St	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	1	1	1	1	0
Pocket Length [ft]	100.00	260.00	100.00	160.00	255.00	100.00
Speed [mph]	35.00		45.00		45.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		No		No	

Volumes

Name	Live Oak Avenue		Main St		Main St	
Base Volume Input [veh/h]	38	34	1074	98	22	652
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	4.30	4.30	4.30	4.30	4.30	4.30
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	11	0	0	20	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	49	34	1074	118	22	652
Peak Hour Factor	0.8600	0.8600	0.9300	0.9300	0.9300	0.9300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	14	10	289	32	6	175
Total Analysis Volume [veh/h]	57	40	1155	127	24	701
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		1		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	61.0
Offset Reference	LagFO
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Protected	Permissive
Signal group	8	0	2	0	1	6
Auxiliary Signal Groups						
Lead / Lag	Lag	-	-	-	Lead	-
Minimum Green [s]	8	0	10	0	6	10
Maximum Green [s]	47	0	44	0	11	61
Amber [s]	4.7	0.0	5.0	0.0	5.0	5.0
All red [s]	1.0	0.0	1.0	0.0	1.0	1.0
Split [s]	53	0	50	0	17	67
Vehicle Extension [s]	4.0	0.0	4.0	0.0	3.0	4.0
Walk [s]	0	0	7	0	0	0
Pedestrian Clearance [s]	0	0	26	0	0	0
Rest In Walk	No		No			No
I1, Start-Up Lost Time [s]	2.0	0.0	2.0	0.0	2.0	2.0
I2, Clearance Lost Time [s]	3.7	0.0	4.0	0.0	4.0	4.0
Minimum Recall	No		No		No	No
Maximum Recall	No		No		No	No
Pedestrian Recall	No		No		No	No
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	R	C	R	L	C
C, Cycle Length [s]	120	120	120	120	120	120
L, Total Lost Time per Cycle [s]	5.70	5.70	6.00	6.00	6.00	6.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.70	3.70	4.00	4.00	4.00	4.00
g_i, Effective Green Time [s]	8	8	91	91	3	101
g / C, Green / Cycle	0.06	0.06	0.76	0.76	0.03	0.84
(v / s)_i Volume / Saturation Flow Rate	0.03	0.03	0.33	0.08	0.01	0.20
s, saturation flow rate [veh/h]	1748	1560	3495	1528	1748	3495
c, Capacity [veh/h]	114	102	2654	1160	49	2926
d1, Uniform Delay [s]	54.18	53.80	5.19	3.78	57.50	1.99
k, delay calibration	0.15	0.15	0.50	0.50	0.11	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	4.74	3.47	0.52	0.19	7.57	0.19
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.50	0.39	0.44	0.11	0.49	0.24
d, Delay for Lane Group [s/veh]	58.92	57.27	5.71	3.97	65.07	2.18
Lane Group LOS	E	E	A	A	E	A
Critical Lane Group	Yes	No	Yes	No	Yes	No
50th-Percentile Queue Length [veh/ln]	1.80	1.25	4.01	0.67	0.80	0.89
50th-Percentile Queue Length [ft/ln]	45.10	31.26	100.33	16.85	20.10	22.15
95th-Percentile Queue Length [veh/ln]	3.25	2.25	7.22	1.21	1.45	1.59
95th-Percentile Queue Length [ft/ln]	81.18	56.27	180.59	30.32	36.18	39.86

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	58.92	57.27	5.71	3.97	65.07	2.18
Movement LOS	E	E	A	A	E	A
d_A, Approach Delay [s/veh]	58.24		5.54		4.27	
Approach LOS	E		A		A	
d_I, Intersection Delay [s/veh]	7.53					
Intersection LOS	A					
Intersection V/C	0.377					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	0.0	0.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	49.50	0.00	0.00
l_p,int, Pedestrian LOS Score for Intersection	2.048	0.000	0.000
Crosswalk LOS	B	F	F
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	60.00	60.00	60.00
l_b,int, Bicycle LOS Score for Intersection	4.132	5.190	4.731
Bicycle LOS	D	F	E

Sequence

Ring 1	1	2	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 14: Empire Ave/Oakley Rd

Control Type:	Signalized	Delay (sec / veh):	27.9
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.317

Intersection Setup

Name	Oakley Rd			Empire Ave			Empire Ave			Driveway		
Approach	Eastbound			Northeastbound			Southwestbound			Northwestbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	1	0	0	0	0	0
Pocket Length [ft]	315.00	100.00	100.00	110.00	100.00	100.00	140.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	35.00			40.00			40.00			15.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Oakley Rd			Empire Ave			Empire Ave			Driveway		
Base Volume Input [veh/h]	64	38	90	88	334	12	71	363	60	68	32	54
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	7	0	2	3	0	0	0	0	9	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	71	38	92	91	334	12	71	363	69	68	32	54
Peak Hour Factor	0.8500	0.8500	0.8500	0.9200	0.9200	0.9200	0.9300	0.9300	0.9300	0.8900	0.8900	0.8900
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	21	11	27	25	91	3	19	98	19	19	9	15
Total Analysis Volume [veh/h]	84	45	108	99	363	13	76	390	74	76	36	61
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	1			2			2			1		
v_di, Inbound Pedestrian Volume crossing m	2			1			1			2		
v_co, Outbound Pedestrian Volume crossing	0			1			0			1		
v_ci, Inbound Pedestrian Volume crossing mi	0			1			0			1		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	2			0			1			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	110
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	1.0
Offset Reference	LagFO
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Split	Split	Split	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Split	Split	Split
Signal group	0	4	0	5	2	0	1	6	0	0	8	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	Lead	-	-	Lead	-	-	-	-	-
Minimum Green [s]	0	4	0	4	4	0	4	4	0	0	4	0
Maximum Green [s]	0	13	0	13	38	0	10	35	0	0	30	0
Amber [s]	0.0	4.1	0.0	3.0	4.4	0.0	3.0	4.4	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	1.0	2.0	0.0	1.0	2.0	0.0	0.0	1.0	0.0
Split [s]	0	18	0	17	43	0	14	40	0	0	35	0
Vehicle Extension [s]	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0
Walk [s]	0	5	0	0	5	0	0	5	0	0	4	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	23	0	0	26	0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.1	0.0	2.0	4.4	0.0	2.0	4.4	0.0	0.0	2.0	0.0
Minimum Recall		No		No	No		No	No			No	
Maximum Recall		No		No	Yes		No	Yes			No	
Pedestrian Recall		No		No	No		No	No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	R	L	C	C	L	C	C	C	R
C, Cycle Length [s]	110	110	110	110	110	110	110	110	110	110	110
L, Total Lost Time per Cycle [s]	5.10	5.10	5.10	4.00	6.40	6.40	4.00	6.40	6.40	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.10	3.10	3.10	2.00	4.40	4.40	2.00	4.40	4.40	2.00	2.00
g_i, Effective Green Time [s]	10	10	10	8	64	64	6	63	63	10	10
g / C, Green / Cycle	0.09	0.09	0.09	0.07	0.59	0.59	0.05	0.57	0.57	0.09	0.09
(v / s)_i Volume / Saturation Flow Rate	0.04	0.04	0.07	0.06	0.10	0.10	0.04	0.13	0.13	0.06	0.04
s, saturation flow rate [veh/h]	1781	1841	1548	1781	1870	1847	1781	1870	1755	1809	1573
c, Capacity [veh/h]	166	171	144	125	1095	1081	98	1066	1001	162	141
d1, Uniform Delay [s]	46.92	46.91	48.54	50.38	10.51	10.52	51.33	11.63	11.66	48.62	47.42
k, delay calibration	0.04	0.04	0.04	0.04	0.50	0.50	0.04	0.50	0.50	0.04	0.04
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.54	0.52	2.93	4.29	0.34	0.35	4.97	0.48	0.53	1.98	0.78
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.38	0.38	0.75	0.79	0.17	0.17	0.78	0.22	0.23	0.69	0.43
d, Delay for Lane Group [s/veh]	47.46	47.42	51.47	54.66	10.86	10.86	56.30	12.11	12.19	50.60	48.21
Lane Group LOS	D	D	D	D	B	B	E	B	B	D	D
Critical Lane Group	No	No	Yes	Yes	No	No	No	No	Yes	Yes	No
50th-Percentile Queue Length [veh/ln]	1.65	1.69	2.97	2.78	2.06	2.04	2.16	2.80	2.69	3.15	1.66
50th-Percentile Queue Length [ft/ln]	41.26	42.26	74.21	69.45	51.48	51.07	54.07	69.93	67.26	78.73	41.41
95th-Percentile Queue Length [veh/ln]	2.97	3.04	5.34	5.00	3.71	3.68	3.89	5.04	4.84	5.67	2.98
95th-Percentile Queue Length [ft/ln]	74.27	76.07	133.57	125.01	92.66	91.92	97.33	125.88	121.07	141.71	74.54

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	47.45	47.42	51.47	54.66	10.86	10.86	56.30	12.14	12.19	50.60	50.60	48.21
Movement LOS	D	D	D	D	B	B	E	B	B	D	D	D
d_A, Approach Delay [s/veh]	49.28			19.99			18.36			49.75		
Approach LOS	D			B			B			D		
d_I, Intersection Delay [s/veh]	27.86											
Intersection LOS	C											
Intersection V/C	0.317											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	8.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	2409.22	2212.70	3893.60
d_p, Pedestrian Delay [s]	46.37	46.37	47.29	46.37
l_p,int, Pedestrian LOS Score for Intersection	2.269	2.584	2.692	2.001
Crosswalk LOS	B	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	235	665	611	564
d_b, Bicycle Delay [s]	42.90	24.49	26.54	28.37
l_b,int, Bicycle LOS Score for Intersection	1.951	1.951	2.005	1.845
Bicycle LOS	A	A	B	A

Sequence

Ring 1	1	2	4	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 22: Neroly Rd/Oakley Rd

Control Type:	All-way stop	Delay (sec / veh):	9.6
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.385

Intersection Setup

Name	Neroly Rd			Neroly Rd			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	45.00			40.00			45.00			45.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	Neroly Rd			Neroly Rd			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	27	53	0	95	139	12	6	59	35	7	44	44
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	1	0	0	0	0
Total Hourly Volume [veh/h]	27	53	0	95	139	12	6	60	35	7	44	44
Peak Hour Factor	0.8300	0.8300	0.8300	0.8300	0.8300	0.8300	0.8100	0.8100	0.8100	0.8800	0.8800	0.8800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	8	16	0	29	42	4	2	19	11	2	13	13
Total Analysis Volume [veh/h]	33	64	0	114	167	14	7	74	43	8	50	50
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	725	766	741	747
Degree of Utilization, x	0.13	0.39	0.17	0.14

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	0.46	1.82	0.60	0.50
95th-Percentile Queue Length [ft]	11.53	45.61	14.97	12.60
Approach Delay [s/veh]	8.74	10.62	8.84	8.63
Approach LOS	A	B	A	A
Intersection Delay [s/veh]	9.63			
Intersection LOS	A			

Intersection Level Of Service Report
Intersection 23: Neroly Rd/Live Oak Ave

Control Type:	All-way stop	Delay (sec / veh):	10.3
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.357

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Neroly Rd			Neroly Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	150.00	100.00	100.00	155.00	100.00	100.00
Speed [mph]	50.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			Yes			No			Yes		

Volumes

Name	Live Oak Ave			Live Oak Ave			Neroly Rd			Neroly Rd		
Base Volume Input [veh/h]	68	81	40	71	52	4	2	2	78	37	51	128
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	3	0	0	0	0	0	0	0	6
Total Hourly Volume [veh/h]	68	81	40	74	52	4	2	2	78	37	51	134
Peak Hour Factor	0.8300	0.8300	0.8300	0.8800	0.8800	0.8800	0.7100	0.7100	0.7100	0.7800	0.7800	0.7800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	20	24	12	21	15	1	1	1	27	12	16	43
Total Analysis Volume [veh/h]	82	98	48	84	59	5	3	3	110	47	65	172
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	639	611	547	592	671	565	614	699
Degree of Utilization, x	0.36	0.24	0.01	0.01	0.16	0.08	0.11	0.25

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	1.61	0.94	0.02	0.02	0.58	0.27	0.35	0.97
95th-Percentile Queue Length [ft]	40.35	23.60	0.41	0.38	14.58	6.78	8.84	24.14
Approach Delay [s/veh]	11.73	10.77	9.11			9.49		
Approach LOS	B	B	A			A		
Intersection Delay [s/veh]	10.33							
Intersection LOS	B							

Intersection Level Of Service Report
Intersection 24: Live Oak Ave/Oakley Rd

Control Type:	All-way stop	Delay (sec / veh):	9.3
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.264

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	10	44	46	37	39	5	3	124	41	40	89	19
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	6	20	0	0	0	1	0	3	0	11
Total Hourly Volume [veh/h]	10	44	52	57	39	5	3	125	41	43	89	30
Peak Hour Factor	0.8100	0.8100	0.8100	0.7800	0.7800	0.7800	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	3	14	16	18	13	2	1	37	12	13	26	9
Total Analysis Volume [veh/h]	12	54	64	73	50	6	4	149	49	51	106	36
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	748	697	764	750
Degree of Utilization, x	0.17	0.19	0.26	0.26

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	0.63	0.68	1.06	1.03
95th-Percentile Queue Length [ft]	15.65	16.88	26.57	25.64
Approach Delay [s/veh]	8.82	9.34	9.40	9.46
Approach LOS	A	A	A	A
Intersection Delay [s/veh]	9.29			
Intersection LOS	A			

Intersection Level Of Service Report
Intersection 81: Live Oak Ave/El Lago Dr

Control Type:	Two-way stop	Delay (sec / veh):	10.6
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.022

Intersection Setup

Name	Live Oak Ave		Live Oak Ave		El Lago Dr	
Approach	Northbound		Southbound		Westbound	
Lane Configuration						
Turning Movement	Thru	Right	Left	Thru	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00		40.00		25.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Live Oak Ave		Live Oak Ave		El Lago Dr	
Base Volume Input [veh/h]	88	28	32	83	12	13
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	3.00	3.00	1.00	1.00	0.00	0.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	6	0	0	3	0	0
Total Hourly Volume [veh/h]	94	28	32	86	12	13
Peak Hour Factor	0.8400	0.8400	0.8500	0.8500	0.7800	0.7800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	28	8	9	25	4	4
Total Analysis Volume [veh/h]	112	33	38	101	15	17
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.03	0.00	0.02	0.02
d_M, Delay for Movement [s/veh]	0.00	0.00	7.56	0.00	10.56	9.08
Movement LOS	A	A	A	A	B	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.08	0.08	0.13	0.13
95th-Percentile Queue Length [ft/ln]	0.00	0.00	2.03	2.03	3.18	3.18
d_A, Approach Delay [s/veh]	0.00		2.07		9.77	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	1.90					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 82: Oakley Rd/Project Access

Control Type:	Two-way stop	Delay (sec / veh):	12.2
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.062

Intersection Setup

Name	Project Access		Oakley Rd		Oakley Rd	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	15.00		35.00		35.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Project Access		Oakley Rd		Oakley Rd	
Base Volume Input [veh/h]	0	0	227	0	0	160
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	1.00	1.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	14	9	0	27	12	0
Total Hourly Volume [veh/h]	14	9	227	27	12	160
Peak Hour Factor	0.4100	0.4100	0.9000	0.9000	0.8900	0.8900
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	9	5	63	8	3	45
Total Analysis Volume [veh/h]	34	22	252	30	13	180
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.06	0.03	0.00	0.00	0.01	0.00
d_M, Delay for Movement [s/veh]	12.16	10.21	0.00	0.00	7.83	0.00
Movement LOS	B	B	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.30	0.30	0.00	0.00	0.03	0.03
95th-Percentile Queue Length [ft/ln]	7.43	7.43	0.00	0.00	0.77	0.77
d_A, Approach Delay [s/veh]	11.39		0.00		0.53	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	1.39					
Intersection LOS	B					

The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Existing plus Project Conditions_PM.pdf

Scenario 4 Existing Plus Project Conditions PM
5/3/2019

Turning Movement Volume: Summary

ID	Intersection Name	Northbound		Eastbound		Westbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
2	Live Oak Rd/Main St	49	34	1074	118	22	652	1949

ID	Intersection Name	Eastbound			Northeastbound			Southwestbound			Northwestbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
14	Empire Ave/Oakley Rd	71	38	92	91	334	12	71	363	69	68	32	54	1295

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
22	Neroly Rd/Oakley Rd	27	53	0	95	139	12	6	60	35	7	44	44	522

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
23	Neroly Rd/Live Oak Ave	68	81	40	74	52	4	2	2	78	37	51	134	623

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	10	44	52	57	39	5	3	125	41	43	89	30	538

ID	Intersection Name	Northbound		Southbound		Westbound		Total Volume
		Thru	Right	Left	Thru	Left	Right	
81	Live Oak Ave/El Lago Dr	94	28	32	86	12	13	265

ID	Intersection Name	Northbound		Eastbound		Westbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
82	Oakley Rd/Project Access	14	9	227	27	12	160	449

The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Existing plus Project Conditions_PM.pdf

Scenario 4 Existing Plus Project Conditions PM
5/3/2019

Turning Movement Volume: Detail

ID	Intersection Name	Volume Type	Northbound		Eastbound		Westbound		Total Volume
			Left	Right	Thru	Right	Left	Thru	
2	Live Oak Rd/Main St	Final Base	38	34	1074	98	22	652	1918
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0
		Other	11	0	0	20	0	0	31
		Future Total	**49**	**34**	**1074**	**118**	**22**	**652**	**1949**

ID	Intersection Name	Volume Type	Eastbound			Northeastbound			Southwestbound			Northwestbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
14	Empire Ave/Oakley Rd	Final Base	64	38	90	88	334	12	71	363	60	68	32	54	1274
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other	7	0	2	3	0	0	0	0	9	0	0	0	21
		Future Total	**71**	**38**	**92**	**91**	**334**	**12**	**71**	**363**	**69**	**68**	**32**	**54**	**1295**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
22	Neroly Rd/Oakley Rd	Final Base	27	53	0	95	139	12	6	59	35	7	44	44	521
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0	1	0	0	0	0	1
		Future Total	**27**	**53**	**0**	**95**	**139**	**12**	**6**	**60**	**35**	**7**	**44**	**44**	**522**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
23	Neroly Rd/Live Oak Ave	Final Base	68	81	40	71	52	4	2	2	78	37	51	128	614
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other	0	0	0	3	0	0	0	0	0	0	0	6	9
		Future Total	**68**	**81**	**40**	**74**	**52**	**4**	**2**	**2**	**78**	**37**	**51**	**134**	**623**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	Final Base	10	44	46	37	39	5	3	124	41	40	89	19	497
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0	0	0	0	0	0	0
		Other	0	0	6	20	0	0	0	1	0	3	0	11	41
		Future Total	**10**	**44**	**52**	**57**	**39**	**5**	**3**	**125**	**41**	**43**	**89**	**30**	**538**

ID	Intersection Name	Volume Type	Northbound		Southbound		Westbound		Total Volume
			Thru	Right	Left	Thru	Left	Right	
81	Live Oak Ave/El Lago Dr	Final Base	88	28	32	83	12	13	256
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0
		Other	6	0	0	3	0	0	9
		Future Total	**94**	**28**	**32**	**86**	**12**	**13**	**265**

ID	Intersection Name	Volume Type	Northbound		Eastbound		Westbound		Total Volume
			Left	Right	Thru	Right	Left	Thru	
82	Oakley Rd/Project Access	Final Base	0	0	227	0	0	160	387
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	0	0	0	0	0	0	0
		Other	14	9	0	27	12	0	62
		Future Total	**14**	**9**	**227**	**27**	**12**	**160**	**449**

Appendix D

Background Conditions LOS Analysis

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The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Background Conditions_AM.pdf
Scenario 7 7 Background Conditions AM
5/1/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
2	Live Oak Rd/Main St	Signalized	HCM 6th Edition	WB Left	0.661	18.6	B
14	Empire Ave/Oakley Rd	Signalized	HCM 6th Edition	SWB Left	0.385	24.2	C
22	Neroly Rd/Oakley Rd	All-way stop	HCM 6th Edition	NB Thru	0.389	11.5	B
23	Neroly Rd/Live Oak Ave	All-way stop	HCM 6th Edition	SB Thru	0.666	16.8	C
24	Live Oak Ave/Oakley Rd	All-way stop	HCM 6th Edition	EB Left	0.851	31.6	D
81	Live Oak Ave/El Iago Dr	Two-way stop	HCM 6th Edition	WB Left	0.109	16.2	C
82	Oakley Rd/Project Access	Two-way stop	HCM 6th Edition	WB Thru	0.004	0.0	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 2: Live Oak Rd/Main St

Control Type:	Signalized	Delay (sec / veh):	18.6
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.661

Intersection Setup

Name	Live Oak Avenue		Main St		Main St	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	1	1	1	1	0
Pocket Length [ft]	100.00	260.00	100.00	160.00	255.00	100.00
Speed [mph]	35.00		45.00		45.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		No		No	

Volumes

Name	Live Oak Avenue		Main St		Main St	
Base Volume Input [veh/h]	217	85	483	145	37	820
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	4.30	4.30	4.30	4.30	4.30	4.30
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	6	0	187	2	0	570
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	223	85	670	147	37	1390
Peak Hour Factor	0.6800	0.6800	0.7900	0.7900	0.8400	0.8400
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	82	31	212	47	11	414
Total Analysis Volume [veh/h]	328	125	848	186	44	1655
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	61.0
Offset Reference	LagFO
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Protected	Permissive
Signal group	8	0	2	0	1	6
Auxiliary Signal Groups						
Lead / Lag	Lag	-	-	-	Lead	-
Minimum Green [s]	8	0	10	0	6	10
Maximum Green [s]	47	0	44	0	11	61
Amber [s]	4.7	0.0	5.0	0.0	5.0	5.0
All red [s]	1.0	0.0	1.0	0.0	1.0	1.0
Split [s]	53	0	50	0	17	67
Vehicle Extension [s]	3.0	0.0	4.0	0.0	3.0	4.0
Walk [s]	0	0	7	0	0	0
Pedestrian Clearance [s]	0	0	26	0	0	0
Rest In Walk	No		No			No
I1, Start-Up Lost Time [s]	2.0	0.0	2.0	0.0	2.0	2.0
I2, Clearance Lost Time [s]	3.7	0.0	4.0	0.0	4.0	4.0
Minimum Recall	No		No		No	No
Maximum Recall	No		No		No	No
Pedestrian Recall	No		No		No	No
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	R	C	R	L	C
C, Cycle Length [s]	120	120	120	120	120	120
L, Total Lost Time per Cycle [s]	5.70	5.70	6.00	6.00	6.00	6.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.70	3.70	4.00	4.00	4.00	4.00
g_i, Effective Green Time [s]	25	25	73	73	5	83
g / C, Green / Cycle	0.21	0.21	0.60	0.60	0.04	0.69
(v / s)_i Volume / Saturation Flow Rate	0.19	0.08	0.24	0.12	0.03	0.47
s, saturation flow rate [veh/h]	1748	1560	3495	1560	1748	3495
c, Capacity [veh/h]	366	326	2111	942	69	2423
d1, Uniform Delay [s]	46.19	40.79	12.42	10.68	56.80	10.72
k, delay calibration	0.11	0.11	0.50	0.50	0.11	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	7.91	0.74	0.57	0.47	9.53	1.58
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.90	0.38	0.40	0.20	0.64	0.68
d, Delay for Lane Group [s/veh]	54.09	41.53	12.99	11.15	66.33	12.30
Lane Group LOS	D	D	B	B	E	B
Critical Lane Group	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	10.19	3.23	5.55	2.15	1.47	10.98
50th-Percentile Queue Length [ft/ln]	254.87	80.69	138.68	53.80	36.67	274.51
95th-Percentile Queue Length [veh/ln]	15.43	5.81	9.41	3.87	2.64	16.41
95th-Percentile Queue Length [ft/ln]	385.78	145.25	235.24	96.84	66.01	410.37

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	54.09	41.53	12.99	11.15	66.33	12.30
Movement LOS	D	D	B	B	E	B
d_A, Approach Delay [s/veh]	50.62		12.66		13.70	
Approach LOS	D		B		B	
d_I, Intersection Delay [s/veh]	18.62					
Intersection LOS	B					
Intersection V/C	0.661					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	0.0	0.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	49.50	0.00	0.00
l_p,int, Pedestrian LOS Score for Intersection	2.213	0.000	0.000
Crosswalk LOS	B	F	F
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	60.00	60.00	60.00
l_b,int, Bicycle LOS Score for Intersection	4.132	4.985	5.534
Bicycle LOS	D	E	F

Sequence

Ring 1	1	2	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 14: Empire Ave/Oakley Rd

Control Type:	Signalized	Delay (sec / veh):	24.2
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.385

Intersection Setup

Name	Oakley Rd			Empire Ave			Empire Ave			Driveway		
Approach	Eastbound			Northeastbound			Southwestbound			Northwestbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	1	0	0	0	0	0
Pocket Length [ft]	315.00	100.00	100.00	110.00	100.00	100.00	140.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	35.00			40.00			40.00			15.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Oakley Rd			Empire Ave			Empire Ave			Driveway		
Base Volume Input [veh/h]	48	5	59	103	296	12	25	336	81	16	13	32
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	22	0	37	21	76	0	0	66	25	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	70	5	96	124	372	12	25	402	106	16	13	32
Peak Hour Factor	0.7700	0.7700	0.7700	0.8200	0.8200	0.8200	0.7300	0.7300	0.7300	0.7700	0.7700	0.7700
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	23	2	31	38	113	4	9	138	36	5	4	10
Total Analysis Volume [veh/h]	91	6	125	151	454	15	34	551	145	21	17	42
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	1			1			1			0		
v_di, Inbound Pedestrian Volume crossing m	1			1			0			1		
v_co, Outbound Pedestrian Volume crossing	0			1			0			2		
v_ci, Inbound Pedestrian Volume crossing mi	0			2			0			1		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	1			0			0			1		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	110
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	1.0
Offset Reference	LagFO
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Split	Split	Split	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Split	Split	Split
Signal group	0	4	0	5	2	0	1	6	0	0	8	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	Lead	-	-	Lead	-	-	-	-	-
Minimum Green [s]	0	4	0	4	4	0	4	4	0	0	4	0
Maximum Green [s]	0	11	0	15	38	0	12	35	0	0	30	0
Amber [s]	0.0	4.1	0.0	3.0	4.4	0.0	3.0	4.4	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	1.0	2.0	0.0	1.0	2.0	0.0	0.0	1.0	0.0
Split [s]	0	16	0	19	44	0	16	41	0	0	34	0
Vehicle Extension [s]	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0
Walk [s]	0	5	0	0	5	0	0	5	0	0	4	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	23	0	0	26	0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.1	0.0	2.0	4.4	0.0	2.0	4.4	0.0	0.0	2.0	0.0
Minimum Recall		No		No	No		No	No			No	
Maximum Recall		No		No	Yes		No	Yes			No	
Pedestrian Recall		No		No	No		No	No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	R	L	C	C	L	C	C	C	R
C, Cycle Length [s]	110	110	110	110	110	110	110	110	110	110	110
L, Total Lost Time per Cycle [s]	5.10	5.10	5.10	4.00	6.40	6.40	4.00	6.40	6.40	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.10	3.10	3.10	2.00	4.40	4.40	2.00	4.40	4.40	2.00	2.00
g_i, Effective Green Time [s]	11	11	11	11	72	72	3	64	64	5	5
g / C, Green / Cycle	0.10	0.10	0.10	0.10	0.65	0.65	0.02	0.58	0.58	0.04	0.04
(v / s)_i Volume / Saturation Flow Rate	0.03	0.03	0.08	0.08	0.13	0.13	0.02	0.19	0.19	0.02	0.03
s, saturation flow rate [veh/h]	1781	1791	1557	1781	1870	1849	1781	1870	1738	1820	1552
c, Capacity [veh/h]	176	178	154	180	1223	1209	43	1080	1003	82	70
d1, Uniform Delay [s]	45.89	45.89	48.45	48.57	7.54	7.54	53.37	12.17	12.18	51.20	51.49
k, delay calibration	0.04	0.04	0.16	0.08	0.50	0.50	0.04	0.50	0.50	0.04	0.04
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.31	0.31	13.42	8.00	0.35	0.36	10.81	0.83	0.90	1.49	2.99
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.27	0.27	0.81	0.84	0.19	0.19	0.78	0.33	0.33	0.46	0.60
d, Delay for Lane Group [s/veh]	46.20	46.19	61.87	56.57	7.89	7.89	64.18	13.00	13.08	52.68	54.48
Lane Group LOS	D	D	E	E	A	A	E	B	B	D	D
Critical Lane Group	No	No	Yes	Yes	No	No	No	No	Yes	No	Yes
50th-Percentile Queue Length [veh/ln]	1.23	1.23	3.89	4.38	2.07	2.05	1.05	4.51	4.24	1.08	1.22
50th-Percentile Queue Length [ft/ln]	30.75	30.87	97.20	109.54	51.65	51.19	26.20	112.84	105.88	27.02	30.55
95th-Percentile Queue Length [veh/ln]	2.21	2.22	7.00	7.81	3.72	3.69	1.89	8.00	7.61	1.95	2.20
95th-Percentile Queue Length [ft/ln]	55.35	55.57	174.95	195.36	92.97	92.15	47.17	199.94	190.25	48.64	55.00

Movement, Approach, & Intersection Results

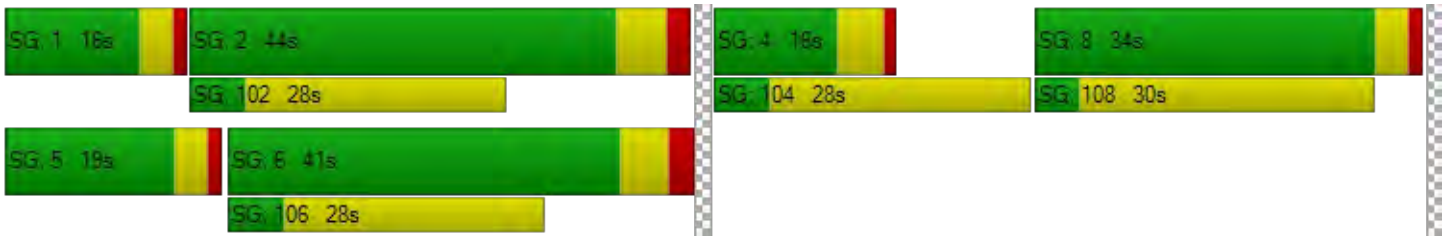
d_M, Delay for Movement [s/veh]	46.19	46.19	61.87	56.57	7.89	7.89	64.18	13.03	13.08	52.68	52.68	54.48
Movement LOS	D	D	E	E	A	A	E	B	B	D	D	D
d_A, Approach Delay [s/veh]	55.02			19.75			15.42			53.63		
Approach LOS	E			B			B			D		
d_I, Intersection Delay [s/veh]	24.22											
Intersection LOS	C											
Intersection V/C	0.385											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	8.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	3578.39	6948.99	2621.24
d_p, Pedestrian Delay [s]	46.37	46.37	47.29	46.37
l_p,int, Pedestrian LOS Score for Intersection	2.294	2.653	2.750	1.973
Crosswalk LOS	B	B	C	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	198	684	629	545
d_b, Bicycle Delay [s]	44.66	23.83	25.84	29.11
l_b,int, Bicycle LOS Score for Intersection	1.926	2.071	2.162	1.692
Bicycle LOS	A	B	B	A

Sequence

Ring 1	1	2	4	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 22: Neroly Rd/Oakley Rd

Control Type:	All-way stop	Delay (sec / veh):	11.5
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.389

Intersection Setup

Name	Neroly Rd			Neroly Rd			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	45.00			40.00			45.00			45.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	Neroly Rd			Neroly Rd			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	46	84	6	59	88	8	4	87	46	3	65	64
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	55	3	9	16	0	0	0	0	5	0	26
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	46	139	9	68	104	8	4	87	46	8	65	90
Peak Hour Factor	0.7700	0.7700	0.7700	0.7600	0.7600	0.7600	0.5900	0.5900	0.5900	0.8900	0.8900	0.8900
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	15	45	3	22	34	3	2	37	19	2	18	25
Total Analysis Volume [veh/h]	60	181	12	89	137	11	7	147	78	9	73	101
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	650	644	659	663
Degree of Utilization, x	0.39	0.37	0.35	0.28

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	1.84	1.69	1.58	1.12
95th-Percentile Queue Length [ft]	46.11	42.31	39.55	28.08
Approach Delay [s/veh]	12.03	11.82	11.40	10.49
Approach LOS	B	B	B	B
Intersection Delay [s/veh]	11.50			
Intersection LOS	B			

Intersection Level Of Service Report
Intersection 23: Neroly Rd/Live Oak Ave

Control Type:	All-way stop	Delay (sec / veh):	16.8
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.666

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Neroly Rd			Neroly Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	150.00	100.00	100.00	155.00	100.00	100.00
Speed [mph]	50.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			Yes			No			Yes		

Volumes

Name	Live Oak Ave			Live Oak Ave			Neroly Rd			Neroly Rd		
Base Volume Input [veh/h]	74	64	93	116	120	1	2	46	110	19	40	82
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	7	34	0	21	39	5	1	21	2	0	45	38
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	81	98	93	137	159	6	3	67	112	19	85	120
Peak Hour Factor	0.8500	0.8500	0.8500	0.8500	0.8500	0.8500	0.7900	0.7900	0.7900	0.7200	0.7200	0.7200
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	24	29	27	40	47	2	1	21	35	7	30	42
Total Analysis Volume [veh/h]	95	115	109	161	187	7	4	85	142	26	118	167
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	543	534	444	475	526	452	484	536
Degree of Utilization, x	0.59	0.67	0.01	0.18	0.27	0.06	0.24	0.31

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	3.77	4.90	0.03	0.65	1.09	0.18	0.95	1.32
95th-Percentile Queue Length [ft]	94.16	122.42	0.68	16.13	27.13	4.56	23.70	32.93
Approach Delay [s/veh]	18.64	22.16	11.99			12.34		
Approach LOS	C	C	B			B		
Intersection Delay [s/veh]	16.79							
Intersection LOS	C							

Intersection Level Of Service Report
Intersection 24: Live Oak Ave/Oakley Rd

Control Type:	All-way stop	Delay (sec / veh):	31.6
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.851

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	18	158	25	30	76	22	103	54	17	40	89	89
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	2	1	46	2	0	0	0	11	2	15	26	5
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	20	159	71	32	76	22	103	65	19	55	115	94
Peak Hour Factor	0.6100	0.6100	0.6100	0.6200	0.6200	0.6200	0.4500	0.4500	0.4500	0.8400	0.8400	0.8400
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	8	65	29	13	31	9	57	36	11	16	34	28
Total Analysis Volume [veh/h]	33	261	116	52	123	35	229	144	42	65	137	112
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	496	446	488	480
Degree of Utilization, x	0.83	0.47	0.85	0.65

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	8.15	2.47	8.74	4.64
95th-Percentile Queue Length [ft]	203.67	61.76	218.60	116.09
Approach Delay [s/veh]	36.27	18.10	39.78	23.62
Approach LOS	E	C	E	C
Intersection Delay [s/veh]	31.58			
Intersection LOS	D			

Intersection Level Of Service Report
Intersection 81: Live Oak Ave/El lago Dr

Control Type:	Two-way stop	Delay (sec / veh):	16.2
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.109

Intersection Setup

Name	Live Oak Ave		Live Oak Ave		El Lago Dr	
Approach	Northbound		Southbound		Westbound	
Lane Configuration						
Turning Movement	Thru	Right	Left	Thru	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00		40.00		25.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Live Oak Ave		Live Oak Ave		El Lago Dr	
Base Volume Input [veh/h]	150	7	20	121	23	39
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	1.00	1.00	1.00	1.00	0.00	0.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	73	0	0	50	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	223	7	20	171	23	39
Peak Hour Factor	0.5400	0.5400	0.7300	0.7300	0.5300	0.5300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	103	3	7	59	11	18
Total Analysis Volume [veh/h]	413	13	27	234	43	74
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.02	0.00	0.11	0.12
d_M, Delay for Movement [s/veh]	0.00	0.00	8.24	0.00	16.16	12.65
Movement LOS	A	A	A	A	C	B
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.07	0.07	0.86	0.86
95th-Percentile Queue Length [ft/ln]	0.00	0.00	1.82	1.82	21.44	21.44
d_A, Approach Delay [s/veh]	0.00		0.85		13.94	
Approach LOS	A		A		B	
d_I, Intersection Delay [s/veh]	2.30					
Intersection LOS	C					

Intersection Level Of Service Report
Intersection 82: Oakley Rd/Project Access

Control Type:	Two-way stop	Delay (sec / veh):	0.0
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.004

Intersection Setup

Name	Project Access		Oakley Rd		Oakley Rd	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	15.00		35.00		35.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Project Access		Oakley Rd		Oakley Rd	
Base Volume Input [veh/h]	0	0	108	0	0	208
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	0.00	0.00	1.00	1.00	1.00	1.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	58	0	0	46
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	0	0	166	0	0	254
Peak Hour Factor	0.2500	0.2500	0.7500	0.2500	0.2500	0.6800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	0	55	0	0	93
Total Analysis Volume [veh/h]	0	0	221	0	0	374
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	12.65	9.37	0.00	0.00	7.66	0.00
Movement LOS	B	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	11.01		0.00		0.00	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	0.00					
Intersection LOS	A					

The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Background Conditions_AM.pdf

Scenario 7 7 Background Conditions AM
5/1/2019

Turning Movement Volume: Summary

ID	Intersection Name	Northbound		Eastbound		Westbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
2	Live Oak Rd/Main St	223	85	670	147	37	1390	2552

ID	Intersection Name	Eastbound			Northeastbound			Southwestbound			Northwestbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
14	Empire Ave/Oakley Rd	70	5	96	124	372	12	25	402	106	16	13	32	1273

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
22	Neroly Rd/Oakley Rd	46	139	9	68	104	8	4	87	46	8	65	90	674

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
23	Neroly Rd/Live Oak Ave	81	98	93	137	159	6	3	67	112	19	85	120	980

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	20	159	71	32	76	22	103	65	19	55	115	94	831

ID	Intersection Name	Northbound		Southbound		Westbound		Total Volume
		Thru	Right	Left	Thru	Left	Right	
81	Live Oak Ave/El Iago Dr	223	7	20	171	23	39	483

ID	Intersection Name	Northbound		Eastbound		Westbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
82	Oakley Rd/Project Access	0	0	166	0	0	254	420

The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Background Conditions_AM.pdf

Scenario 7 7 Background Conditions AM
5/1/2019

Turning Movement Volume: Detail

ID	Intersection Name	Volume Type	Northbound		Eastbound		Westbound		Total Volume
			Left	Right	Thru	Right	Left	Thru	
2	Live Oak Rd/Main St	Final Base	217	85	483	145	37	820	1787
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	6	0	187	2	0	570	765
		Other	0	0	0	0	0	0	0
		Future Total	**223**	**85**	**670**	**147**	**37**	**1390**	**2552**

ID	Intersection Name	Volume Type	Eastbound			Northeastbound			Southwestbound			Northwestbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
14	Empire Ave/Oakley Rd	Final Base	48	5	59	103	296	12	25	336	81	16	13	32	1026
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	22	0	37	21	76	0	0	66	25	0	0	0	247
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	**70**	**5**	**96**	**124**	**372**	**12**	**25**	**402**	**106**	**16**	**13**	**32**	**1273**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
22	Neroly Rd/Oakley Rd	Final Base	46	84	6	59	88	8	4	87	46	3	65	64	560
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	55	3	9	16	0	0	0	0	5	0	26	114
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	**46**	**139**	**9**	**68**	**104**	**8**	**4**	**87**	**46**	**8**	**65**	**90**	**674**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
23	Neroly Rd/Live Oak Ave	Final Base	74	64	93	116	120	1	2	46	110	19	40	82	767
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	7	34	0	21	39	5	1	21	2	0	45	38	213
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	**81**	**98**	**93**	**137**	**159**	**6**	**3**	**67**	**112**	**19**	**85**	**120**	**980**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	Final Base	18	158	25	30	76	22	103	54	17	40	89	89	721
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	2	1	46	2	0	0	0	11	2	15	26	5	110
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	**20**	**159**	**71**	**32**	**76**	**22**	**103**	**65**	**19**	**55**	**115**	**94**	**831**

ID	Intersection Name	Volume Type	Northbound		Southbound		Westbound		Total Volume
			Thru	Right	Left	Thru	Left	Right	
81	Live Oak Ave/El Iago Dr	Final Base	150	7	20	121	23	39	360
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	73	0	0	50	0	0	123
		Other	0	0	0	0	0	0	0
		Future Total	**223**	**7**	**20**	**171**	**23**	**39**	**483**

ID	Intersection Name	Volume Type	Northbound		Eastbound		Westbound		Total Volume
			Left	Right	Thru	Right	Left	Thru	
82	Oakley Rd/Project Access	Final Base	0	0	108	0	0	208	316
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	0	0	58	0	0	46	104
		Other	0	0	0	0	0	0	0
		Future Total	**0**	**0**	**166**	**0**	**0**	**254**	**420**

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The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Background Conditions_PM.pdf

Scenario 6 6 6 Background Conditions PM
5/1/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
2	Live Oak Rd/Main St	Signalized	HCM 6th Edition	WB Left	0.567	8.2	A
14	Empire Ave/Oakley Rd	Signalized	HCM 6th Edition	EB Right	0.398	33.5	C
22	Neroly Rd/Oakley Rd	All-way stop	HCM 6th Edition	SB Thru	0.559	11.8	B
23	Neroly Rd/Live Oak Ave	All-way stop	HCM 6th Edition	NB Thru	0.486	12.8	B
24	Live Oak Ave/Oakley Rd	All-way stop	HCM 6th Edition	WB Thru	0.337	10.3	B
81	Live Oak Ave/El Lago Dr	Two-way stop	HCM 6th Edition	WB Left	0.028	11.9	B
82	Oakley Rd/Project Access	Two-way stop	HCM 6th Edition	EB Thru	0.004	0.0	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 2: Live Oak Rd/Main St

Control Type:	Signalized	Delay (sec / veh):	8.2
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.567

Intersection Setup

Name	Live Oak Avenue		Main St		Main St	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	1	1	1	1	0
Pocket Length [ft]	100.00	260.00	100.00	160.00	255.00	100.00
Speed [mph]	35.00		45.00		45.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		No		No	

Volumes

Name	Live Oak Avenue		Main St		Main St	
Base Volume Input [veh/h]	38	34	1074	98	22	652
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	4.30	4.30	4.30	4.30	4.30	4.30
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	4	0	633	5	0	374
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	42	34	1707	103	22	1026
Peak Hour Factor	0.8600	0.8600	0.9300	0.9300	0.9300	0.9300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	12	10	459	28	6	276
Total Analysis Volume [veh/h]	49	40	1835	111	24	1103
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		1		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	61.0
Offset Reference	LagFO
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Protected	Permissive
Signal group	8	0	2	0	1	6
Auxiliary Signal Groups						
Lead / Lag	Lag	-	-	-	Lead	-
Minimum Green [s]	8	0	10	0	6	10
Maximum Green [s]	47	0	44	0	11	61
Amber [s]	4.7	0.0	5.0	0.0	5.0	5.0
All red [s]	1.0	0.0	1.0	0.0	1.0	1.0
Split [s]	53	0	50	0	17	67
Vehicle Extension [s]	3.0	0.0	3.0	0.0	3.0	3.0
Walk [s]	0	0	7	0	0	0
Pedestrian Clearance [s]	0	0	26	0	0	0
Rest In Walk	No		No			No
I1, Start-Up Lost Time [s]	2.0	0.0	2.0	0.0	2.0	2.0
I2, Clearance Lost Time [s]	3.7	0.0	4.0	0.0	4.0	4.0
Minimum Recall	No		No		No	No
Maximum Recall	No		No		No	No
Pedestrian Recall	No		No		No	No
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	R	C	R	L	C
C, Cycle Length [s]	120	120	120	120	120	120
L, Total Lost Time per Cycle [s]	5.70	5.70	6.00	6.00	6.00	6.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.70	3.70	4.00	4.00	4.00	4.00
g_i, Effective Green Time [s]	8	8	91	91	3	101
g / C, Green / Cycle	0.06	0.06	0.76	0.76	0.03	0.84
(v / s)_i Volume / Saturation Flow Rate	0.03	0.03	0.53	0.07	0.01	0.32
s, saturation flow rate [veh/h]	1748	1560	3495	1528	1748	3495
c, Capacity [veh/h]	113	101	2657	1162	49	2929
d1, Uniform Delay [s]	54.02	53.89	7.26	3.71	57.50	2.30
k, delay calibration	0.11	0.11	0.50	0.50	0.11	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	2.62	2.52	1.50	0.16	7.57	0.37
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.43	0.40	0.69	0.10	0.49	0.38
d, Delay for Lane Group [s/veh]	56.64	56.41	8.76	3.88	65.07	2.67
Lane Group LOS	E	E	A	A	E	A
Critical Lane Group	Yes	No	Yes	No	Yes	No
50th-Percentile Queue Length [veh/ln]	1.50	1.22	9.06	0.58	0.80	1.61
50th-Percentile Queue Length [ft/ln]	37.46	30.60	226.45	14.47	20.10	40.32
95th-Percentile Queue Length [veh/ln]	2.70	2.20	13.99	1.04	1.45	2.90
95th-Percentile Queue Length [ft/ln]	67.43	55.07	349.85	26.05	36.18	72.57

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	56.64	56.41	8.76	3.88	65.07	2.67
Movement LOS	E	E	A	A	E	A
d_A, Approach Delay [s/veh]	56.54		8.48		4.00	
Approach LOS	E		A		A	
d_I, Intersection Delay [s/veh]	8.24					
Intersection LOS	A					
Intersection V/C	0.567					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	0.0	0.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	49.50	0.00	0.00
l_p,int, Pedestrian LOS Score for Intersection	2.039	0.000	0.000
Crosswalk LOS	B	F	F
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	60.00	60.00	60.00
l_b,int, Bicycle LOS Score for Intersection	4.132	5.738	5.062
Bicycle LOS	D	F	F

Sequence

Ring 1	1	2	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 14: Empire Ave/Oakley Rd

Control Type:	Signalized	Delay (sec / veh):	33.5
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.398

Intersection Setup

Name	Oakley Rd			Empire Ave			Empire Ave			Driveway		
Approach	Eastbound			Northeastbound			Southwestbound			Northwestbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	1	0	0	0	0	0
Pocket Length [ft]	315.00	100.00	100.00	110.00	100.00	100.00	140.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	35.00			40.00			40.00			15.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Oakley Rd			Empire Ave			Empire Ave			Driveway		
Base Volume Input [veh/h]	64	38	90	88	334	12	71	363	60	68	32	54
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	36	0	63	16	88	0	0	67	33	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	100	38	153	104	422	12	71	430	93	68	32	54
Peak Hour Factor	0.8500	0.8500	0.8500	0.9200	0.9200	0.9200	0.9300	0.9300	0.9300	0.8900	0.8900	0.8900
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	29	11	45	28	115	3	19	116	25	19	9	15
Total Analysis Volume [veh/h]	118	45	180	113	459	13	76	462	100	76	36	61
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	1			2			2			1		
v_di, Inbound Pedestrian Volume crossing m	2			1			1			2		
v_co, Outbound Pedestrian Volume crossing	0			1			0			1		
v_ci, Inbound Pedestrian Volume crossing mi	0			1			0			1		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	2			0			1			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	110
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	1.0
Offset Reference	LagFO
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Split	Split	Split	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Split	Split	Split
Signal group	0	4	0	5	2	0	1	6	0	0	8	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	Lead	-	-	Lead	-	-	-	-	-
Minimum Green [s]	0	4	0	4	4	0	4	4	0	0	4	0
Maximum Green [s]	0	13	0	13	38	0	10	35	0	0	30	0
Amber [s]	0.0	4.1	0.0	3.0	4.4	0.0	3.0	4.4	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	1.0	2.0	0.0	1.0	2.0	0.0	0.0	1.0	0.0
Split [s]	0	18	0	17	43	0	14	40	0	0	35	0
Vehicle Extension [s]	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0
Walk [s]	0	5	0	0	5	0	0	5	0	0	4	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	23	0	0	26	0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.1	0.0	2.0	4.4	0.0	2.0	4.4	0.0	0.0	2.0	0.0
Minimum Recall		No		No	No		No	No			No	
Maximum Recall		No		No	Yes		No	Yes			No	
Pedestrian Recall		No		No	No		No	No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	R	L	C	C	L	C	C	C	R
C, Cycle Length [s]	110	110	110	110	110	110	110	110	110	110	110
L, Total Lost Time per Cycle [s]	5.10	5.10	5.10	4.00	6.40	6.40	4.00	6.40	6.40	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.10	3.10	3.10	2.00	4.40	4.40	2.00	4.40	4.40	2.00	2.00
g_i, Effective Green Time [s]	13	13	13	9	62	62	6	59	59	10	10
g / C, Green / Cycle	0.12	0.12	0.12	0.08	0.56	0.56	0.05	0.54	0.54	0.09	0.09
(v / s)_i Volume / Saturation Flow Rate	0.05	0.05	0.12	0.06	0.13	0.13	0.04	0.15	0.16	0.06	0.04
s, saturation flow rate [veh/h]	1781	1828	1553	1781	1870	1852	1781	1870	1742	1809	1573
c, Capacity [veh/h]	209	214	182	140	1050	1039	98	1005	936	162	141
d1, Uniform Delay [s]	44.89	44.88	48.33	49.86	12.12	12.13	51.33	13.92	13.96	48.62	47.43
k, delay calibration	0.04	0.04	0.31	0.04	0.50	0.50	0.04	0.50	0.50	0.04	0.04
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.43	0.42	49.63	4.13	0.50	0.51	4.97	0.72	0.79	1.98	0.78
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.39	0.38	0.99	0.81	0.23	0.23	0.78	0.29	0.29	0.69	0.43
d, Delay for Lane Group [s/veh]	45.32	45.30	97.96	53.99	12.62	12.63	56.30	14.64	14.75	50.60	48.21
Lane Group LOS	D	D	F	D	B	B	E	B	B	D	D
Critical Lane Group	No	No	Yes	Yes	No	No	No	No	Yes	Yes	No
50th-Percentile Queue Length [veh/ln]	2.04	2.09	7.35	3.16	2.87	2.85	2.16	3.88	3.70	3.15	1.66
50th-Percentile Queue Length [ft/ln]	50.94	52.16	183.84	78.88	71.81	71.28	54.07	97.04	92.45	78.73	41.41
95th-Percentile Queue Length [veh/ln]	3.67	3.76	11.80	5.68	5.17	5.13	3.89	6.99	6.66	5.67	2.98
95th-Percentile Queue Length [ft/ln]	91.68	93.88	295.02	141.99	129.26	128.30	97.33	174.67	166.41	141.72	74.54

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	45.31	45.30	97.96	53.99	12.63	12.63	56.30	14.68	14.75	50.60	50.60	48.21
Movement LOS	D	D	F	D	B	B	E	B	B	D	D	D
d_A, Approach Delay [s/veh]	72.94			20.62			19.65			49.76		
Approach LOS	E			C			B			D		
d_I, Intersection Delay [s/veh]	33.48											
Intersection LOS	C											
Intersection V/C	0.398											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	8.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	2164.69	2212.70	3893.60
d_p, Pedestrian Delay [s]	46.37	46.37	47.29	46.37
l_p,int, Pedestrian LOS Score for Intersection	2.311	2.650	2.741	2.001
Crosswalk LOS	B	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	235	665	611	564
d_b, Bicycle Delay [s]	42.90	24.49	26.54	28.37
l_b,int, Bicycle LOS Score for Intersection	2.126	2.042	2.086	1.845
Bicycle LOS	B	B	B	A

Sequence

Ring 1	1	2	4	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 22: Neroly Rd/Oakley Rd

Control Type:	All-way stop	Delay (sec / veh):	11.8
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.559

Intersection Setup

Name	Neroly Rd			Neroly Rd			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	45.00			40.00			45.00			45.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	Neroly Rd			Neroly Rd			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	27	53	0	95	139	12	6	59	35	7	44	44
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	36	7	28	66	0	0	0	0	5	0	16
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	27	89	7	123	205	12	6	59	35	12	44	60
Peak Hour Factor	0.8300	0.8300	0.8300	0.8300	0.8300	0.8300	0.8100	0.8100	0.8100	0.8800	0.8800	0.8800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	8	27	2	37	62	4	2	18	11	3	13	17
Total Analysis Volume [veh/h]	33	107	8	148	247	14	7	73	43	14	50	68
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	688	731	666	679
Degree of Utilization, x	0.22	0.56	0.18	0.19

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	0.81	3.50	0.67	0.72
95th-Percentile Queue Length [ft]	20.32	87.49	16.82	17.91
Approach Delay [s/veh]	9.66	13.97	9.62	9.58
Approach LOS	A	B	A	A
Intersection Delay [s/veh]	11.81			
Intersection LOS	B			

Intersection Level Of Service Report
Intersection 23: Neroly Rd/Live Oak Ave

Control Type:	All-way stop	Delay (sec / veh):	12.8
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.486

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Neroly Rd			Neroly Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	150.00	100.00	100.00	155.00	100.00	100.00
Speed [mph]	50.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			Yes			No			Yes		

Volumes

Name	Live Oak Ave			Live Oak Ave			Neroly Rd			Neroly Rd		
Base Volume Input [veh/h]	68	81	40	71	52	4	2	2	78	37	51	128
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	5	35	0	23	32	4	6	55	10	0	33	66
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	73	116	40	94	84	8	8	57	88	37	84	194
Peak Hour Factor	0.8300	0.8300	0.8300	0.8800	0.8800	0.8800	0.7100	0.7100	0.7100	0.7800	0.7800	0.7800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	22	35	12	27	24	2	3	20	31	12	27	62
Total Analysis Volume [veh/h]	88	140	48	107	95	9	11	80	124	47	108	249
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	568	548	487	523	586	507	547	614
Degree of Utilization, x	0.49	0.39	0.02	0.15	0.21	0.09	0.20	0.41

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	2.64	1.80	0.07	0.54	0.80	0.30	0.73	1.96
95th-Percentile Queue Length [ft]	66.10	45.06	1.73	13.38	19.88	7.62	18.22	49.04
Approach Delay [s/veh]	15.18	13.63	10.60			11.84		
Approach LOS	C	B	B			B		
Intersection Delay [s/veh]	12.77							
Intersection LOS	B							

Intersection Level Of Service Report
Intersection 24: Live Oak Ave/Oakley Rd

Control Type:	All-way stop	Delay (sec / veh):	10.3
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.337

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	10	44	46	37	39	5	3	124	41	40	89	19
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	4	1	63	5	0	0	0	30	5	27	18	3
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	14	45	109	42	39	5	3	154	46	67	107	22
Peak Hour Factor	0.8100	0.8100	0.8100	0.7800	0.7800	0.7800	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	4	14	34	13	13	2	1	46	14	20	32	7
Total Analysis Volume [veh/h]	17	56	135	54	50	6	4	183	55	80	127	26
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	723	647	720	700
Degree of Utilization, x	0.29	0.17	0.34	0.33

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	1.19	0.61	1.48	1.46
95th-Percentile Queue Length [ft]	29.76	15.24	37.11	36.54
Approach Delay [s/veh]	9.98	9.71	10.52	10.69
Approach LOS	A	A	B	B
Intersection Delay [s/veh]	10.32			
Intersection LOS	B			

Intersection Level Of Service Report
Intersection 81: Live Oak Ave/El Lago Dr

Control Type:	Two-way stop	Delay (sec / veh):	11.9
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.028

Intersection Setup

Name	Live Oak Ave		Live Oak Ave		El lago Dr	
Approach	Northbound		Southbound		Westbound	
Lane Configuration						
Turning Movement	Thru	Right	Left	Thru	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00		40.00		25.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Live Oak Ave		Live Oak Ave		El lago Dr	
Base Volume Input [veh/h]	88	28	32	83	12	13
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	3.00	3.00	1.00	1.00	0.00	0.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	92	0	0	51	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	180	28	32	134	12	13
Peak Hour Factor	0.8400	0.8400	0.8500	0.8500	0.7800	0.7800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	54	8	9	39	4	4
Total Analysis Volume [veh/h]	214	33	38	158	15	17
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.03	0.00	0.03	0.02
d_M, Delay for Movement [s/veh]	0.00	0.00	7.80	0.00	11.92	9.70
Movement LOS	A	A	A	A	B	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.09	0.09	0.15	0.15
95th-Percentile Queue Length [ft/ln]	0.00	0.00	2.21	2.21	3.82	3.82
d_A, Approach Delay [s/veh]	0.00		1.51		10.74	
Approach LOS	A		A		B	
d_I, Intersection Delay [s/veh]	1.35					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 82: Oakley Rd/Project Access

Control Type:	Two-way stop	Delay (sec / veh):	0.0
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.004

Intersection Setup

Name	Project Access		Oakley Rd		Oakley Rd	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	15.00		35.00		35.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Project Access		Oakley Rd		Oakley Rd	
Base Volume Input [veh/h]	0	0	227	0	0	160
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	1.00	1.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	98	0	0	48
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	0	0	325	0	0	208
Peak Hour Factor	0.2500	0.2500	0.9000	0.2500	0.2500	0.8900
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	0	90	0	0	58
Total Analysis Volume [veh/h]	0	0	361	0	0	234
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	12.65	10.23	0.00	0.00	7.99	0.00
Movement LOS	B	B	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	11.44		0.00		0.00	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	0.00					
Intersection LOS	A					

The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Background Conditions_PM.pdf

Scenario 6 6 6 Background Conditions PM
5/1/2019

Turning Movement Volume: Summary

ID	Intersection Name	Northbound		Eastbound		Westbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
2	Live Oak Rd/Main St	42	34	1707	103	22	1026	2934

ID	Intersection Name	Eastbound			Northeastbound			Southwestbound			Northwestbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
14	Empire Ave/Oakley Rd	100	38	153	104	422	12	71	430	93	68	32	54	1577

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
22	Neroly Rd/Oakley Rd	27	89	7	123	205	12	6	59	35	12	44	60	679

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
23	Neroly Rd/Live Oak Ave	73	116	40	94	84	8	8	57	88	37	84	194	883

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	14	45	109	42	39	5	3	154	46	67	107	22	653

ID	Intersection Name	Northbound		Southbound		Westbound		Total Volume
		Thru	Right	Left	Thru	Left	Right	
81	Live Oak Ave/El Lago Dr	180	28	32	134	12	13	399

ID	Intersection Name	Northbound		Eastbound		Westbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
82	Oakley Rd/Project Access	0	0	325	0	0	208	533

The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Background Conditions_PM.pdf

Scenario 6 6 6 Background Conditions PM
5/1/2019

Turning Movement Volume: Detail

ID	Intersection Name	Volume Type	Northbound		Eastbound		Westbound		Total Volume
			Left	Right	Thru	Right	Left	Thru	
2	Live Oak Rd/Main St	Final Base	38	34	1074	98	22	652	1918
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	4	0	633	5	0	374	1016
		Other	0	0	0	0	0	0	0
		Future Total	**42**	**34**	**1707**	**103**	**22**	**1026**	**2934**

ID	Intersection Name	Volume Type	Eastbound			Northeastbound			Southwestbound			Northwestbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
14	Empire Ave/Oakley Rd	Final Base	64	38	90	88	334	12	71	363	60	68	32	54	1274
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	36	0	63	16	88	0	0	67	33	0	0	0	303
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	**100**	**38**	**153**	**104**	**422**	**12**	**71**	**430**	**93**	**68**	**32**	**54**	**1577**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
22	Neroly Rd/Oakley Rd	Final Base	27	53	0	95	139	12	6	59	35	7	44	44	521
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	36	7	28	66	0	0	0	0	5	0	16	158
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	**27**	**89**	**7**	**123**	**205**	**12**	**6**	**59**	**35**	**12**	**44**	**60**	**679**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
23	Neroly Rd/Live Oak Ave	Final Base	68	81	40	71	52	4	2	2	78	37	51	128	614
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	5	35	0	23	32	4	6	55	10	0	33	66	269
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	**73**	**116**	**40**	**94**	**84**	**8**	**8**	**57**	**88**	**37**	**84**	**194**	**883**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	Final Base	10	44	46	37	39	5	3	124	41	40	89	19	497
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	4	1	63	5	0	0	0	30	5	27	18	3	156
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	**14**	**45**	**109**	**42**	**39**	**5**	**3**	**154**	**46**	**67**	**107**	**22**	**653**

ID	Intersection Name	Volume Type	Northbound		Southbound		Westbound		Total Volume
			Thru	Right	Left	Thru	Left	Right	
81	Live Oak Ave/El Lago Dr	Final Base	88	28	32	83	12	13	256
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	92	0	0	51	0	0	143
		Other	0	0	0	0	0	0	0
		Future Total	**180**	**28**	**32**	**134**	**12**	**13**	**399**

ID	Intersection Name	Volume Type	Northbound		Eastbound		Westbound		Total Volume
			Left	Right	Thru	Right	Left	Thru	
82	Oakley Rd/Project Access	Final Base	0	0	227	0	0	160	387
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	0	0	98	0	0	48	146
		Other	0	0	0	0	0	0	0
		Future Total	**0**	**0**	**325**	**0**	**0**	**208**	**533**

Appendix E

Background plus Project Conditions LOS Analysis

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The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Background plus Project Conditions_AM.pdf
Scenario 8 8 Background plus Project Conditions AM
5/3/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
2	Live Oak Rd/Main St	Signalized	HCM 6th Edition	WB Left	0.676	19.7	B
14	Empire Ave/Oakley Rd	Signalized	HCM 6th Edition	SWB Left	0.388	24.6	C
22	Neroly Rd/Oakley Rd	All-way stop	HCM 6th Edition	NB Thru	0.390	11.5	B
23	Neroly Rd/Live Oak Ave	All-way stop	HCM 6th Edition	SB Thru	0.679	17.1	C
24	Live Oak Ave/Oakley Rd	All-way stop	HCM 6th Edition	EB Left	0.900	38.8	E
81	Live Oak Ave/El Iago Dr	Two-way stop	HCM 6th Edition	WB Left	0.111	16.3	C
82	Oakley Rd/Project Access	Two-way stop	HCM 6th Edition	NB Left	0.154	14.4	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 2: Live Oak Rd/Main St

Control Type:	Signalized	Delay (sec / veh):	19.7
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.676

Intersection Setup

Name	Live Oak Avenue		Main St		Main St	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	1	1	1	1	0
Pocket Length [ft]	100.00	260.00	100.00	160.00	255.00	100.00
Speed [mph]	35.00		45.00		45.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		No		No	

Volumes

Name	Live Oak Avenue		Main St		Main St	
Base Volume Input [veh/h]	217	85	483	145	37	820
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	4.30	4.30	4.30	4.30	4.30	4.30
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	6	0	187	2	0	570
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	18	0	0	6	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	241	85	670	153	37	1390
Peak Hour Factor	0.6800	0.6800	0.7900	0.7900	0.8400	0.8400
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	89	31	212	48	11	414
Total Analysis Volume [veh/h]	354	125	848	194	44	1655
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	61.0
Offset Reference	LagFO
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Protected	Permissive
Signal group	8	0	2	0	1	6
Auxiliary Signal Groups						
Lead / Lag	Lag	-	-	-	Lead	-
Minimum Green [s]	8	0	10	0	6	10
Maximum Green [s]	47	0	44	0	11	61
Amber [s]	4.7	0.0	5.0	0.0	5.0	5.0
All red [s]	1.0	0.0	1.0	0.0	1.0	1.0
Split [s]	53	0	50	0	17	67
Vehicle Extension [s]	3.0	0.0	4.0	0.0	3.0	4.0
Walk [s]	0	0	7	0	0	0
Pedestrian Clearance [s]	0	0	26	0	0	0
Rest In Walk	No		No			No
I1, Start-Up Lost Time [s]	2.0	0.0	2.0	0.0	2.0	2.0
I2, Clearance Lost Time [s]	3.7	0.0	4.0	0.0	4.0	4.0
Minimum Recall	No		No		No	No
Maximum Recall	No		No		No	No
Pedestrian Recall	No		No		No	No
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	R	C	R	L	C
C, Cycle Length [s]	120	120	120	120	120	120
L, Total Lost Time per Cycle [s]	5.70	5.70	6.00	6.00	6.00	6.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.70	3.70	4.00	4.00	4.00	4.00
g_i, Effective Green Time [s]	27	27	71	71	5	81
g / C, Green / Cycle	0.22	0.22	0.59	0.59	0.04	0.68
(v / s)_i Volume / Saturation Flow Rate	0.20	0.08	0.24	0.12	0.03	0.47
s, saturation flow rate [veh/h]	1748	1560	3495	1560	1748	3495
c, Capacity [veh/h]	391	349	2059	919	69	2371
d1, Uniform Delay [s]	45.31	39.28	13.37	11.56	56.80	11.78
k, delay calibration	0.11	0.11	0.50	0.50	0.11	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	7.92	0.62	0.61	0.52	9.53	1.73
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.90	0.36	0.41	0.21	0.64	0.70
d, Delay for Lane Group [s/veh]	53.23	39.90	13.98	12.08	66.33	13.51
Lane Group LOS	D	D	B	B	E	B
Critical Lane Group	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	10.97	3.15	5.83	2.37	1.47	11.80
50th-Percentile Queue Length [ft/ln]	274.18	78.84	145.78	59.30	36.67	294.88
95th-Percentile Queue Length [veh/ln]	16.40	5.68	9.79	4.27	2.64	17.43
95th-Percentile Queue Length [ft/ln]	409.96	141.91	244.78	106.74	66.01	435.69

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	53.23	39.90	13.98	12.08	66.33	13.51
Movement LOS	D	D	B	B	E	B
d_A, Approach Delay [s/veh]	49.75		13.62		14.88	
Approach LOS	D		B		B	
d_I, Intersection Delay [s/veh]	19.66					
Intersection LOS	B					
Intersection V/C	0.676					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	0.0	0.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	49.50	0.00	0.00
l_p,int, Pedestrian LOS Score for Intersection	2.226	0.000	0.000
Crosswalk LOS	B	F	F
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	60.00	60.00	60.00
l_b,int, Bicycle LOS Score for Intersection	4.132	4.992	5.534
Bicycle LOS	D	E	F

Sequence

Ring 1	1	2	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 14: Empire Ave/Oakley Rd

Control Type:	Signalized	Delay (sec / veh):	24.6
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.388

Intersection Setup

Name	Oakley Rd			Empire Ave			Empire Ave			Driveway		
Approach	Eastbound			Northeastbound			Southwestbound			Northwestbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	1	0	0	0	0	0
Pocket Length [ft]	315.00	100.00	100.00	110.00	100.00	100.00	140.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	35.00			40.00			40.00			15.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Oakley Rd			Empire Ave			Empire Ave			Driveway		
Base Volume Input [veh/h]	48	5	59	103	296	12	25	336	81	16	13	32
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	22	0	37	21	76	0	0	66	25	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	8	0	2	1	0	0	0	0	2	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	78	5	98	125	372	12	25	402	108	16	13	32
Peak Hour Factor	0.7700	0.7700	0.7700	0.8200	0.8200	0.8200	0.7300	0.7300	0.7300	0.7700	0.7700	0.7700
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	25	2	32	38	113	4	9	138	37	5	4	10
Total Analysis Volume [veh/h]	101	6	127	152	454	15	34	551	148	21	17	42
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	1			1			1			0		
v_di, Inbound Pedestrian Volume crossing m	1			1			0			1		
v_co, Outbound Pedestrian Volume crossing	0			1			0			2		
v_ci, Inbound Pedestrian Volume crossing mi	0			2			0			1		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	1			0			0			1		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	110
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	1.0
Offset Reference	LagFO
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Split	Split	Split	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Split	Split	Split
Signal group	0	4	0	5	2	0	1	6	0	0	8	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	Lead	-	-	Lead	-	-	-	-	-
Minimum Green [s]	0	4	0	4	4	0	4	4	0	0	4	0
Maximum Green [s]	0	11	0	15	38	0	12	35	0	0	30	0
Amber [s]	0.0	4.1	0.0	3.0	4.4	0.0	3.0	4.4	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	1.0	2.0	0.0	1.0	2.0	0.0	0.0	1.0	0.0
Split [s]	0	16	0	19	44	0	16	41	0	0	34	0
Vehicle Extension [s]	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0
Walk [s]	0	5	0	0	5	0	0	5	0	0	4	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	23	0	0	26	0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.1	0.0	2.0	4.4	0.0	2.0	4.4	0.0	0.0	2.0	0.0
Minimum Recall		No		No	No		No	No			No	
Maximum Recall		No		No	Yes		No	Yes			No	
Pedestrian Recall		No		No	No		No	No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	R	L	C	C	L	C	C	C	R
C, Cycle Length [s]	110	110	110	110	110	110	110	110	110	110	110
L, Total Lost Time per Cycle [s]	5.10	5.10	5.10	4.00	6.40	6.40	4.00	6.40	6.40	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.10	3.10	3.10	2.00	4.40	4.40	2.00	4.40	4.40	2.00	2.00
g_i, Effective Green Time [s]	11	11	11	11	72	72	3	63	63	5	5
g / C, Green / Cycle	0.10	0.10	0.10	0.10	0.65	0.65	0.02	0.58	0.58	0.04	0.04
(v / s)_i Volume / Saturation Flow Rate	0.03	0.03	0.08	0.09	0.13	0.13	0.02	0.19	0.19	0.02	0.03
s, saturation flow rate [veh/h]	1781	1790	1557	1781	1870	1849	1781	1870	1736	1820	1552
c, Capacity [veh/h]	176	177	154	181	1223	1209	43	1079	1001	82	70
d1, Uniform Delay [s]	46.02	46.02	48.52	48.54	7.54	7.54	53.37	12.22	12.23	51.20	51.49
k, delay calibration	0.04	0.04	0.17	0.09	0.50	0.50	0.04	0.50	0.50	0.04	0.04
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.35	0.35	15.07	8.28	0.35	0.36	10.81	0.84	0.91	1.49	2.99
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.30	0.30	0.82	0.84	0.19	0.19	0.78	0.34	0.34	0.46	0.60
d, Delay for Lane Group [s/veh]	46.38	46.37	63.59	56.82	7.89	7.89	64.18	13.06	13.14	52.68	54.48
Lane Group LOS	D	D	E	E	A	A	E	B	B	D	D
Critical Lane Group	No	No	Yes	Yes	No	No	No	No	Yes	No	Yes
50th-Percentile Queue Length [veh/ln]	1.36	1.37	4.02	4.42	2.07	2.05	1.05	4.55	4.26	1.08	1.22
50th-Percentile Queue Length [ft/ln]	34.04	34.17	100.41	110.60	51.65	51.19	26.20	113.74	106.60	27.02	30.55
95th-Percentile Queue Length [veh/ln]	2.45	2.46	7.23	7.87	3.72	3.69	1.89	8.05	7.65	1.95	2.20
95th-Percentile Queue Length [ft/ln]	61.26	61.50	180.74	196.83	92.97	92.15	47.17	201.19	191.26	48.64	55.00

Movement, Approach, & Intersection Results

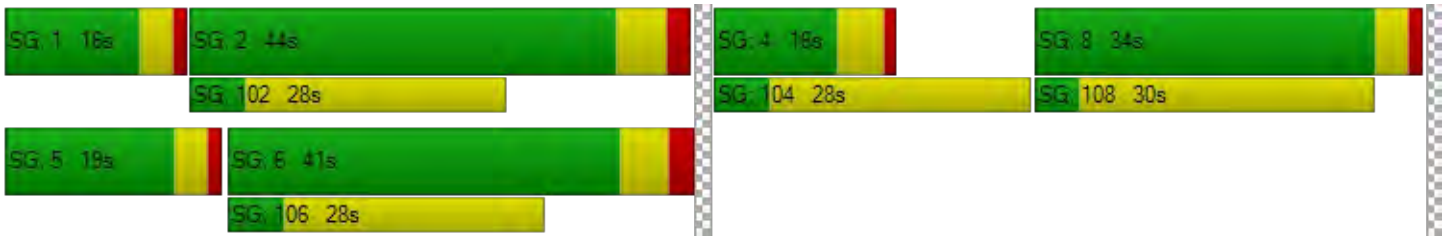
d_M, Delay for Movement [s/veh]	46.37	46.37	63.59	56.82	7.89	7.89	64.18	13.09	13.14	52.68	52.68	54.48
Movement LOS	D	D	E	E	A	A	E	B	B	D	D	D
d_A, Approach Delay [s/veh]	55.72			19.87			15.47			53.63		
Approach LOS	E			B			B			D		
d_I, Intersection Delay [s/veh]	24.58											
Intersection LOS	C											
Intersection V/C	0.388											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	8.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	3517.60	6851.82	2585.79
d_p, Pedestrian Delay [s]	46.37	46.37	47.29	46.37
l_p,int, Pedestrian LOS Score for Intersection	2.299	2.654	2.753	1.973
Crosswalk LOS	B	B	C	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	198	684	629	545
d_b, Bicycle Delay [s]	44.66	23.83	25.84	29.11
l_b,int, Bicycle LOS Score for Intersection	1.946	2.072	2.164	1.692
Bicycle LOS	A	B	B	A

Sequence

Ring 1	1	2	4	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 22: Neroly Rd/Oakley Rd

Control Type:	All-way stop	Delay (sec / veh):	11.5
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.390

Intersection Setup

Name	Neroly Rd			Neroly Rd			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	45.00			40.00			45.00			45.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	Neroly Rd			Neroly Rd			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	46	84	6	59	88	8	4	87	46	3	65	64
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	55	3	9	16	0	0	0	0	5	0	26
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	1	0
Total Hourly Volume [veh/h]	46	139	9	68	104	8	4	87	46	8	66	90
Peak Hour Factor	0.7700	0.7700	0.7700	0.7600	0.7600	0.7600	0.5900	0.5900	0.5900	0.8900	0.8900	0.8900
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	15	45	3	22	34	3	2	37	19	2	19	25
Total Analysis Volume [veh/h]	60	181	12	89	137	11	7	147	78	9	74	101
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	649	643	659	662
Degree of Utilization, x	0.39	0.37	0.35	0.28

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	1.85	1.69	1.58	1.13
95th-Percentile Queue Length [ft]	46.16	42.36	39.58	28.30
Approach Delay [s/veh]	12.04	11.83	11.40	10.51
Approach LOS	B	B	B	B
Intersection Delay [s/veh]	11.51			
Intersection LOS	B			

Intersection Level Of Service Report
Intersection 23: Neroly Rd/Live Oak Ave

Control Type:	All-way stop	Delay (sec / veh):	17.1
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.679

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Neroly Rd			Neroly Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	150.00	100.00	100.00	155.00	100.00	100.00
Speed [mph]	50.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			Yes			No			Yes		

Volumes

Name	Live Oak Ave			Live Oak Ave			Neroly Rd			Neroly Rd		
Base Volume Input [veh/h]	74	64	93	116	120	1	2	46	110	19	40	82
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	7	34	0	21	39	5	1	21	2	0	45	38
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	5	0	0	0	0	0	0	0	2
Total Hourly Volume [veh/h]	81	98	93	142	159	6	3	67	112	19	85	122
Peak Hour Factor	0.8500	0.8500	0.8500	0.8500	0.8500	0.8500	0.7900	0.7900	0.7900	0.7200	0.7200	0.7200
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	24	29	27	42	47	2	1	21	35	7	30	42
Total Analysis Volume [veh/h]	95	115	109	167	187	7	4	85	142	26	118	169
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	541	532	442	473	523	450	481	534
Degree of Utilization, x	0.59	0.68	0.01	0.18	0.27	0.06	0.24	0.32

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	3.80	5.11	0.03	0.65	1.09	0.18	0.95	1.35
95th-Percentile Queue Length [ft]	94.96	127.80	0.68	16.22	27.32	4.58	23.83	33.71
Approach Delay [s/veh]	18.80	22.87	12.05			12.43		
Approach LOS	C	C	B			B		
Intersection Delay [s/veh]	17.10							
Intersection LOS	C							

Intersection Level Of Service Report
Intersection 24: Live Oak Ave/Oakley Rd

Control Type:	All-way stop	Delay (sec / veh):	38.8
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.900

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	18	158	25	30	76	22	103	54	17	40	89	89
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	2	1	46	2	0	0	0	11	2	15	26	5
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	2	7	0	0	0	0	0	5	1	19
Total Hourly Volume [veh/h]	20	159	73	39	76	22	103	65	19	60	116	113
Peak Hour Factor	0.6100	0.6100	0.6100	0.6200	0.6200	0.6200	0.4500	0.4500	0.4500	0.8400	0.8400	0.8400
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	8	65	30	16	31	9	57	36	11	18	35	34
Total Analysis Volume [veh/h]	33	261	120	63	123	35	229	144	42	71	138	135
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	470	420	462	459
Degree of Utilization, x	0.88	0.53	0.90	0.75

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	9.44	2.97	9.92	6.24
95th-Percentile Queue Length [ft]	236.05	74.28	247.90	156.10
Approach Delay [s/veh]	45.13	20.67	48.83	30.72
Approach LOS	E	C	E	D
Intersection Delay [s/veh]	38.80			
Intersection LOS	E			

Intersection Level Of Service Report
Intersection 81: Live Oak Ave/El lago Dr

Control Type:	Two-way stop	Delay (sec / veh):	16.3
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.111

Intersection Setup

Name	Live Oak Ave		Live Oak Ave		El Lago Dr	
Approach	Northbound		Southbound		Westbound	
Lane Configuration						
Turning Movement	Thru	Right	Left	Thru	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00		40.00		25.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Live Oak Ave		Live Oak Ave		El Lago Dr	
Base Volume Input [veh/h]	150	7	20	121	23	39
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	1.00	1.00	1.00	1.00	0.00	0.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	73	0	0	50	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	2	0	0	5	0	0
Total Hourly Volume [veh/h]	225	7	20	176	23	39
Peak Hour Factor	0.5400	0.5400	0.7300	0.7300	0.5300	0.5300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	104	3	7	60	11	18
Total Analysis Volume [veh/h]	417	13	27	241	43	74
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.02	0.00	0.11	0.12
d_M, Delay for Movement [s/veh]	0.00	0.00	8.25	0.00	16.34	12.72
Movement LOS	A	A	A	A	C	B
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.07	0.07	0.87	0.87
95th-Percentile Queue Length [ft/ln]	0.00	0.00	1.83	1.83	21.71	21.71
d_A, Approach Delay [s/veh]	0.00		0.83		14.05	
Approach LOS	A		A		B	
d_I, Intersection Delay [s/veh]	2.29					
Intersection LOS	C					

Intersection Level Of Service Report
Intersection 82: Oakley Rd/Project Access

Control Type:	Two-way stop	Delay (sec / veh):	14.4
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.154

Intersection Setup

Name	Project Access		Oakley Rd		Oakley Rd	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	15.00		35.00		35.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Project Access		Oakley Rd		Oakley Rd	
Base Volume Input [veh/h]	0	0	108	0	0	208
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	0.00	0.00	1.00	1.00	1.00	1.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	58	0	0	46
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	25	10	0	9	3	0
Total Hourly Volume [veh/h]	25	10	166	9	3	254
Peak Hour Factor	0.3500	0.3500	0.7500	0.7500	0.6800	0.6800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	18	7	55	3	1	93
Total Analysis Volume [veh/h]	71	29	221	12	4	374
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.15	0.04	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	14.42	11.00	0.00	0.00	7.69	0.00
Movement LOS	B	B	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.69	0.69	0.00	0.00	0.01	0.01
95th-Percentile Queue Length [ft/ln]	17.35	17.35	0.00	0.00	0.22	0.22
d_A, Approach Delay [s/veh]	13.43		0.00		0.08	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	1.93					
Intersection LOS	B					

The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Background plus Project Conditions_AM.pdf
Scenario 8 8 Background plus Project Conditions AM
5/3/2019

Turning Movement Volume: Summary

ID	Intersection Name	Northbound		Eastbound		Westbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
2	Live Oak Rd/Main St	241	85	670	153	37	1390	2576

ID	Intersection Name	Eastbound			Northeastbound			Southwestbound			Northwestbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
14	Empire Ave/Oakley Rd	78	5	98	125	372	12	25	402	108	16	13	32	1286

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
22	Neroly Rd/Oakley Rd	46	139	9	68	104	8	4	87	46	8	66	90	675

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
23	Neroly Rd/Live Oak Ave	81	98	93	142	159	6	3	67	112	19	85	122	987

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	20	159	73	39	76	22	103	65	19	60	116	113	865

ID	Intersection Name	Northbound		Southbound		Westbound		Total Volume
		Thru	Right	Left	Thru	Left	Right	
81	Live Oak Ave/El Iago Dr	225	7	20	176	23	39	490

ID	Intersection Name	Northbound		Eastbound		Westbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
82	Oakley Rd/Project Access	25	10	166	9	3	254	467

The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Background plus Project Conditions_AM.pdf
Scenario 8 8 Background plus Project Conditions AM
5/3/2019

Turning Movement Volume: Detail

ID	Intersection Name	Volume Type	Northbound		Eastbound		Westbound		Total Volume
			Left	Right	Thru	Right	Left	Thru	
2	Live Oak Rd/Main St	Final Base	217	85	483	145	37	820	1787
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	6	0	187	2	0	570	765
		Other	18	0	0	6	0	0	24
		Future Total	**241**	**85**	**670**	**153**	**37**	**1390**	**2576**

ID	Intersection Name	Volume Type	Eastbound			Northeastbound			Southwestbound			Northwestbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
14	Empire Ave/Oakley Rd	Final Base	48	5	59	103	296	12	25	336	81	16	13	32	1026
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	22	0	37	21	76	0	0	66	25	0	0	0	247
		Other	8	0	2	1	0	0	0	0	2	0	0	0	13
		Future Total	**78**	**5**	**98**	**125**	**372**	**12**	**25**	**402**	**108**	**16**	**13**	**32**	**1286**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
22	Neroly Rd/Oakley Rd	Final Base	46	84	6	59	88	8	4	87	46	3	65	64	560
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	55	3	9	16	0	0	0	0	5	0	26	114
		Other	0	0	0	0	0	0	0	0	0	0	1	0	1
		Future Total	**46**	**139**	**9**	**68**	**104**	**8**	**4**	**87**	**46**	**8**	**66**	**90**	**675**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
23	Neroly Rd/Live Oak Ave	Final Base	74	64	93	116	120	1	2	46	110	19	40	82	767
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	7	34	0	21	39	5	1	21	2	0	45	38	213
		Other	0	0	0	5	0	0	0	0	0	0	0	2	7
		Future Total	**81**	**98**	**93**	**142**	**159**	**6**	**3**	**67**	**112**	**19**	**85**	**122**	**987**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	Final Base	18	158	25	30	76	22	103	54	17	40	89	89	721
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	2	1	46	2	0	0	0	11	2	15	26	5	110
		Other	0	0	2	7	0	0	0	0	0	5	1	19	34
		Future Total	**20**	**159**	**73**	**39**	**76**	**22**	**103**	**65**	**19**	**60**	**116**	**113**	**865**

ID	Intersection Name	Volume Type	Northbound		Southbound		Westbound		Total Volume
			Thru	Right	Left	Thru	Left	Right	
81	Live Oak Ave/El Iago Dr	Final Base	150	7	20	121	23	39	360
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	73	0	0	50	0	0	123
		Other	2	0	0	5	0	0	7
		Future Total	**225**	**7**	**20**	**176**	**23**	**39**	**490**

ID	Intersection Name	Volume Type	Northbound		Eastbound		Westbound		Total Volume
			Left	Right	Thru	Right	Left	Thru	
82	Oakley Rd/Project Access	Final Base	0	0	108	0	0	208	316
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	0	0	58	0	0	46	104
		Other	25	10	0	9	3	0	47
		Future Total	**25**	**10**	**166**	**9**	**3**	**254**	**467**

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The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Background plus Project Conditions_PM.pdf
Scenario 9 9 Background plus Project Conditions PM
5/3/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
2	Live Oak Rd/Main St	Signalized	HCM 6th Edition	WB Left	0.574	8.5	A
14	Empire Ave/Oakley Rd	Signalized	HCM 6th Edition	EB Right	0.404	34.0	C
22	Neroly Rd/Oakley Rd	All-way stop	HCM 6th Edition	SB Thru	0.558	11.8	B
23	Neroly Rd/Live Oak Ave	All-way stop	HCM 6th Edition	NB Thru	0.488	12.9	B
24	Live Oak Ave/Oakley Rd	All-way stop	HCM 6th Edition	WB Thru	0.363	10.7	B
81	Live Oak Ave/El Lago Dr	Two-way stop	HCM 6th Edition	WB Left	0.028	12.0	B
82	Oakley Rd/Project Access	Two-way stop	HCM 6th Edition	NB Left	0.077	14.1	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 2: Live Oak Rd/Main St

Control Type:	Signalized	Delay (sec / veh):	8.5
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.574

Intersection Setup

Name	Live Oak Avenue		Main St		Main St	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	1	1	1	1	0
Pocket Length [ft]	100.00	260.00	100.00	160.00	255.00	100.00
Speed [mph]	35.00		45.00		45.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		No		No	

Volumes

Name	Live Oak Avenue		Main St		Main St	
Base Volume Input [veh/h]	38	34	1074	98	22	652
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	4.30	4.30	4.30	4.30	4.30	4.30
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	4	0	633	5	0	374
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	11	0	0	20	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	53	34	1707	123	22	1026
Peak Hour Factor	0.8600	0.8600	0.9300	0.9300	0.9300	0.9300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	15	10	459	33	6	276
Total Analysis Volume [veh/h]	62	40	1835	132	24	1103
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		1		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	61.0
Offset Reference	LagFO
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Protected	Permissive
Signal group	8	0	2	0	1	6
Auxiliary Signal Groups						
Lead / Lag	Lag	-	-	-	Lead	-
Minimum Green [s]	8	0	10	0	6	10
Maximum Green [s]	47	0	44	0	11	61
Amber [s]	4.7	0.0	5.0	0.0	5.0	5.0
All red [s]	1.0	0.0	1.0	0.0	1.0	1.0
Split [s]	53	0	50	0	17	67
Vehicle Extension [s]	4.0	0.0	4.0	0.0	3.0	4.0
Walk [s]	0	0	7	0	0	0
Pedestrian Clearance [s]	0	0	26	0	0	0
Rest In Walk	No		No			No
I1, Start-Up Lost Time [s]	2.0	0.0	2.0	0.0	2.0	2.0
I2, Clearance Lost Time [s]	3.7	0.0	4.0	0.0	4.0	4.0
Minimum Recall	No		No		No	No
Maximum Recall	No		No		No	No
Pedestrian Recall	No		No		No	No
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	R	C	R	L	C
C, Cycle Length [s]	120	120	120	120	120	120
L, Total Lost Time per Cycle [s]	5.70	5.70	6.00	6.00	6.00	6.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.70	3.70	4.00	4.00	4.00	4.00
g_i, Effective Green Time [s]	8	8	91	91	3	100
g / C, Green / Cycle	0.07	0.07	0.76	0.76	0.03	0.84
(v / s)_i Volume / Saturation Flow Rate	0.04	0.03	0.53	0.09	0.01	0.32
s, saturation flow rate [veh/h]	1748	1560	3495	1528	1748	3495
c, Capacity [veh/h]	115	103	2652	1160	49	2924
d1, Uniform Delay [s]	54.30	53.75	7.34	3.81	57.50	2.34
k, delay calibration	0.15	0.15	0.50	0.50	0.11	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	5.51	3.42	1.51	0.20	7.57	0.37
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.54	0.39	0.69	0.11	0.49	0.38
d, Delay for Lane Group [s/veh]	59.81	57.17	8.84	4.01	65.07	2.71
Lane Group LOS	E	E	A	A	E	A
Critical Lane Group	Yes	No	Yes	No	Yes	No
50th-Percentile Queue Length [veh/ln]	1.98	1.25	9.14	0.70	0.80	1.65
50th-Percentile Queue Length [ft/ln]	49.48	31.22	228.46	17.62	20.10	41.14
95th-Percentile Queue Length [veh/ln]	3.56	2.25	14.10	1.27	1.45	2.96
95th-Percentile Queue Length [ft/ln]	89.06	56.20	352.40	31.72	36.18	74.04

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	59.81	57.17	8.84	4.01	65.07	2.71
Movement LOS	E	E	A	A	E	A
d_A, Approach Delay [s/veh]	58.77		8.52		4.04	
Approach LOS	E		A		A	
d_I, Intersection Delay [s/veh]	8.54					
Intersection LOS	A					
Intersection V/C	0.574					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	0.0	0.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	49.50	0.00	0.00
I_p,int, Pedestrian LOS Score for Intersection	2.052	0.000	0.000
Crosswalk LOS	B	F	F
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	60.00	60.00	60.00
I_b,int, Bicycle LOS Score for Intersection	4.132	5.755	5.062
Bicycle LOS	D	F	F

Sequence

Ring 1	1	2	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 14: Empire Ave/Oakley Rd

Control Type:	Signalized	Delay (sec / veh):	34.0
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.404

Intersection Setup

Name	Oakley Rd			Empire Ave			Empire Ave			Driveway		
Approach	Eastbound			Northeastbound			Southwestbound			Northwestbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	1	0	0	0	0	0
Pocket Length [ft]	315.00	100.00	100.00	110.00	100.00	100.00	140.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	35.00			40.00			40.00			15.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Oakley Rd			Empire Ave			Empire Ave			Driveway		
Base Volume Input [veh/h]	64	38	90	88	334	12	71	363	60	68	32	54
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	36	0	63	16	88	0	0	67	33	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	7	0	2	3	0	0	0	0	9	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	107	38	155	107	422	12	71	430	102	68	32	54
Peak Hour Factor	0.8500	0.8500	0.8500	0.9200	0.9200	0.9200	0.9300	0.9300	0.9300	0.8900	0.8900	0.8900
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	31	11	46	29	115	3	19	116	27	19	9	15
Total Analysis Volume [veh/h]	126	45	182	116	459	13	76	462	110	76	36	61
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	1			2			2			1		
v_di, Inbound Pedestrian Volume crossing m	2			1			1			2		
v_co, Outbound Pedestrian Volume crossing	0			1			0			1		
v_ci, Inbound Pedestrian Volume crossing mi	0			1			0			1		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	2			0			1			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	110
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	1.0
Offset Reference	LagFO
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Split	Split	Split	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Split	Split	Split
Signal group	0	4	0	5	2	0	1	6	0	0	8	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	Lead	-	-	Lead	-	-	-	-	-
Minimum Green [s]	0	4	0	4	4	0	4	4	0	0	4	0
Maximum Green [s]	0	13	0	13	38	0	10	35	0	0	30	0
Amber [s]	0.0	4.1	0.0	3.0	4.4	0.0	3.0	4.4	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	1.0	2.0	0.0	1.0	2.0	0.0	0.0	1.0	0.0
Split [s]	0	18	0	17	43	0	14	40	0	0	35	0
Vehicle Extension [s]	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0
Walk [s]	0	5	0	0	5	0	0	5	0	0	4	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	23	0	0	26	0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.1	0.0	2.0	4.4	0.0	2.0	4.4	0.0	0.0	2.0	0.0
Minimum Recall		No		No	No		No	No			No	
Maximum Recall		No		No	Yes		No	Yes			No	
Pedestrian Recall		No		No	No		No	No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	R	L	C	C	L	C	C	C	R
C, Cycle Length [s]	110	110	110	110	110	110	110	110	110	110	110
L, Total Lost Time per Cycle [s]	5.10	5.10	5.10	4.00	6.40	6.40	4.00	6.40	6.40	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.10	3.10	3.10	2.00	4.40	4.40	2.00	4.40	4.40	2.00	2.00
g_i, Effective Green Time [s]	13	13	13	9	62	62	6	59	59	10	10
g / C, Green / Cycle	0.12	0.12	0.12	0.08	0.56	0.56	0.05	0.54	0.54	0.09	0.09
(v / s)_i Volume / Saturation Flow Rate	0.05	0.05	0.12	0.07	0.13	0.13	0.04	0.16	0.16	0.06	0.04
s, saturation flow rate [veh/h]	1781	1826	1553	1781	1870	1852	1781	1870	1732	1809	1573
c, Capacity [veh/h]	209	214	182	143	1050	1039	98	1002	928	162	141
d1, Uniform Delay [s]	44.99	44.99	48.40	49.75	12.12	12.13	51.33	14.08	14.12	48.62	47.43
k, delay calibration	0.04	0.04	0.32	0.04	0.50	0.50	0.04	0.50	0.50	0.04	0.04
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.47	0.46	53.01	4.10	0.50	0.51	4.97	0.75	0.83	1.98	0.78
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.40	0.40	1.00	0.81	0.23	0.23	0.78	0.29	0.30	0.69	0.43
d, Delay for Lane Group [s/veh]	45.46	45.44	101.41	53.86	12.62	12.63	56.30	14.83	14.95	50.60	48.21
Lane Group LOS	D	D	F	D	B	B	E	B	B	D	D
Critical Lane Group	No	No	Yes	Yes	No	No	No	No	Yes	Yes	No
50th-Percentile Queue Length [veh/ln]	2.14	2.19	7.59	3.24	2.87	2.85	2.16	4.00	3.79	3.15	1.66
50th-Percentile Queue Length [ft/ln]	53.60	54.84	189.63	80.90	71.81	71.28	54.07	99.90	94.76	78.73	41.41
95th-Percentile Queue Length [veh/ln]	3.86	3.95	12.10	5.83	5.17	5.13	3.89	7.19	6.82	5.67	2.98
95th-Percentile Queue Length [ft/ln]	96.49	98.72	302.55	145.63	129.26	128.30	97.33	179.83	170.57	141.72	74.54

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	45.46	45.44	101.41	53.86	12.63	12.63	56.30	14.87	14.95	50.60	50.60	48.21
Movement LOS	D	D	F	D	B	B	E	B	B	D	D	D
d_A, Approach Delay [s/veh]	74.30			20.76			19.74			49.76		
Approach LOS	E			C			B			D		
d_I, Intersection Delay [s/veh]	33.96											
Intersection LOS	C											
Intersection V/C	0.404											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	8.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	2188.84	2244.07	3947.00
d_p, Pedestrian Delay [s]	46.37	46.37	47.29	46.37
l_p,int, Pedestrian LOS Score for Intersection	2.317	2.651	2.745	2.001
Crosswalk LOS	B	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	235	665	611	564
d_b, Bicycle Delay [s]	42.90	24.49	26.54	28.37
l_b,int, Bicycle LOS Score for Intersection	2.142	2.045	2.094	1.845
Bicycle LOS	B	B	B	A

Sequence

Ring 1	1	2	4	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 22: Neroly Rd/Oakley Rd

Control Type:	All-way stop	Delay (sec / veh):	11.8
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.558

Intersection Setup

Name	Neroly Rd			Neroly Rd			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	45.00			40.00			45.00			45.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	Neroly Rd			Neroly Rd			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	27	53	0	95	139	12	6	59	35	7	44	44
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	36	7	28	66	0	0	0	0	5	0	16
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	1	0	0	0	0
Total Hourly Volume [veh/h]	27	89	7	123	205	12	6	60	35	12	44	60
Peak Hour Factor	0.8300	0.8300	0.8300	0.8300	0.8300	0.8300	0.8100	0.8100	0.8100	0.8900	0.8900	0.8900
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	8	27	2	37	62	4	2	19	11	3	12	17
Total Analysis Volume [veh/h]	33	107	8	148	247	14	7	74	43	13	49	67
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	689	733	667	680
Degree of Utilization, x	0.21	0.56	0.19	0.19

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	0.81	3.49	0.68	0.70
95th-Percentile Queue Length [ft]	20.28	87.26	16.96	17.40
Approach Delay [s/veh]	9.65	13.94	9.63	9.53
Approach LOS	A	B	A	A
Intersection Delay [s/veh]	11.80			
Intersection LOS	B			

Intersection Level Of Service Report
Intersection 23: Neroly Rd/Live Oak Ave

Control Type:	All-way stop	Delay (sec / veh):	12.9
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.488

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Neroly Rd			Neroly Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	150.00	100.00	100.00	155.00	100.00	100.00
Speed [mph]	50.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			Yes			No			Yes		

Volumes

Name	Live Oak Ave			Live Oak Ave			Neroly Rd			Neroly Rd		
Base Volume Input [veh/h]	68	81	40	71	52	4	2	2	78	37	51	128
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	5	35	0	23	32	4	6	55	10	0	33	66
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	3	0	0	0	0	0	0	0	6
Total Hourly Volume [veh/h]	73	116	40	97	84	8	8	57	88	37	84	200
Peak Hour Factor	0.8300	0.8300	0.8300	0.8800	0.8800	0.8800	0.7100	0.7100	0.7100	0.7800	0.7800	0.7800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	22	35	12	28	24	2	3	20	31	12	27	64
Total Analysis Volume [veh/h]	88	140	48	110	95	9	11	80	124	47	108	256
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	566	546	485	521	583	506	546	612
Degree of Utilization, x	0.49	0.39	0.02	0.15	0.21	0.09	0.20	0.42

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	2.66	1.85	0.07	0.54	0.80	0.31	0.73	2.06
95th-Percentile Queue Length [ft]	66.59	46.31	1.74	13.45	20.00	7.64	18.28	51.53
Approach Delay [s/veh]	15.28	13.79	10.64			12.01		
Approach LOS	C	B	B			B		
Intersection Delay [s/veh]	12.90							
Intersection LOS	B							

Intersection Level Of Service Report
Intersection 24: Live Oak Ave/Oakley Rd

Control Type:	All-way stop	Delay (sec / veh):	10.7
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.363

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	10	44	46	37	39	5	3	124	41	40	89	19
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	4	1	63	5	0	0	0	30	5	27	18	3
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	6	20	0	0	0	1	0	3	0	11
Total Hourly Volume [veh/h]	14	45	115	62	39	5	3	155	46	70	107	33
Peak Hour Factor	0.8100	0.8100	0.8100	0.7800	0.7800	0.7800	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	4	14	35	20	13	2	1	46	14	21	32	10
Total Analysis Volume [veh/h]	17	56	142	79	50	6	4	185	55	83	127	39
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	706	632	698	686
Degree of Utilization, x	0.30	0.21	0.35	0.36

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	1.29	0.80	1.57	1.66
95th-Percentile Queue Length [ft]	32.22	20.12	39.23	41.49
Approach Delay [s/veh]	10.33	10.24	10.91	11.21
Approach LOS	B	B	B	B
Intersection Delay [s/veh]	10.74			
Intersection LOS	B			

Intersection Level Of Service Report
Intersection 81: Live Oak Ave/El Lago Dr

Control Type:	Two-way stop	Delay (sec / veh):	12.0
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.028

Intersection Setup

Name	Live Oak Ave		Live Oak Ave		El lago Dr	
Approach	Northbound		Southbound		Westbound	
Lane Configuration						
Turning Movement	Thru	Right	Left	Thru	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00		40.00		25.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Live Oak Ave		Live Oak Ave		El lago Dr	
Base Volume Input [veh/h]	88	28	32	83	12	13
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	3.00	3.00	1.00	1.00	0.00	0.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	92	0	0	51	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	6	0	0	3	0	0
Total Hourly Volume [veh/h]	186	28	32	137	12	13
Peak Hour Factor	0.8400	0.8400	0.8500	0.8500	0.7800	0.7800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	55	8	9	40	4	4
Total Analysis Volume [veh/h]	221	33	38	161	15	17
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.03	0.00	0.03	0.02
d_M, Delay for Movement [s/veh]	0.00	0.00	7.81	0.00	12.02	9.75
Movement LOS	A	A	A	A	B	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.09	0.09	0.15	0.15
95th-Percentile Queue Length [ft/ln]	0.00	0.00	2.23	2.23	3.87	3.87
d_A, Approach Delay [s/veh]	0.00		1.49		10.81	
Approach LOS	A		A		B	
d_I, Intersection Delay [s/veh]	1.33					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 82: Oakley Rd/Project Access

Control Type:	Two-way stop	Delay (sec / veh):	14.1
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.077

Intersection Setup

Name	Project Access		Oakley Rd		Oakley Rd	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	15.00		35.00		35.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Project Access		Oakley Rd		Oakley Rd	
Base Volume Input [veh/h]	0	0	227	0	0	160
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	1.00	1.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	98	0	0	48
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	14	9	0	27	12	0
Total Hourly Volume [veh/h]	14	9	325	27	12	208
Peak Hour Factor	0.4100	0.4100	0.9000	0.9000	0.8900	0.8900
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	9	5	90	8	3	58
Total Analysis Volume [veh/h]	34	22	361	30	13	234
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.08	0.03	0.00	0.00	0.01	0.00
d_M, Delay for Movement [s/veh]	14.06	11.21	0.00	0.00	8.10	0.00
Movement LOS	B	B	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.37	0.37	0.00	0.00	0.03	0.03
95th-Percentile Queue Length [ft/ln]	9.21	9.21	0.00	0.00	0.84	0.84
d_A, Approach Delay [s/veh]	12.94		0.00		0.43	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	1.20					
Intersection LOS	B					

The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Background plus Project Conditions_PM.pdf
Scenario 9 9 Background plus Project Conditions PM
5/3/2019

Turning Movement Volume: Summary

ID	Intersection Name	Northbound		Eastbound		Westbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
2	Live Oak Rd/Main St	53	34	1707	123	22	1026	2965

ID	Intersection Name	Eastbound			Northeastbound			Southwestbound			Northwestbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
14	Empire Ave/Oakley Rd	107	38	155	107	422	12	71	430	102	68	32	54	1598

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
22	Neroly Rd/Oakley Rd	27	89	7	123	205	12	6	60	35	12	44	60	680

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
23	Neroly Rd/Live Oak Ave	73	116	40	97	84	8	8	57	88	37	84	200	892

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	14	45	115	62	39	5	3	155	46	70	107	33	694

ID	Intersection Name	Northbound		Southbound		Westbound		Total Volume
		Thru	Right	Left	Thru	Left	Right	
81	Live Oak Ave/El Lago Dr	186	28	32	137	12	13	408

ID	Intersection Name	Northbound		Eastbound		Westbound		Total Volume
		Left	Right	Thru	Right	Left	Thru	
82	Oakley Rd/Project Access	14	9	325	27	12	208	595

The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Report File: J:\...\Background plus Project Conditions_PM.pdf
Scenario 9 9 Background plus Project Conditions PM
5/3/2019

Turning Movement Volume: Detail

ID	Intersection Name	Volume Type	Northbound		Eastbound		Westbound		Total Volume
			Left	Right	Thru	Right	Left	Thru	
2	Live Oak Rd/Main St	Final Base	38	34	1074	98	22	652	1918
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	4	0	633	5	0	374	1016
		Other	11	0	0	20	0	0	31
		Future Total	**53**	**34**	**1707**	**123**	**22**	**1026**	**2965**

ID	Intersection Name	Volume Type	Eastbound			Northeastbound			Southwestbound			Northwestbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
14	Empire Ave/Oakley Rd	Final Base	64	38	90	88	334	12	71	363	60	68	32	54	1274
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	36	0	63	16	88	0	0	67	33	0	0	0	303
		Other	7	0	2	3	0	0	0	0	9	0	0	0	21
		Future Total	**107**	**38**	**155**	**107**	**422**	**12**	**71**	**430**	**102**	**68**	**32**	**54**	**1598**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
22	Neroly Rd/Oakley Rd	Final Base	27	53	0	95	139	12	6	59	35	7	44	44	521
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	36	7	28	66	0	0	0	0	5	0	16	158
		Other	0	0	0	0	0	0	0	1	0	0	0	0	1
		Future Total	**27**	**89**	**7**	**123**	**205**	**12**	**6**	**60**	**35**	**12**	**44**	**60**	**680**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
23	Neroly Rd/Live Oak Ave	Final Base	68	81	40	71	52	4	2	2	78	37	51	128	614
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	5	35	0	23	32	4	6	55	10	0	33	66	269
		Other	0	0	0	3	0	0	0	0	0	0	0	6	9
		Future Total	**73**	**116**	**40**	**97**	**84**	**8**	**8**	**57**	**88**	**37**	**84**	**200**	**892**

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	Final Base	10	44	46	37	39	5	3	124	41	40	89	19	497
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	4	1	63	5	0	0	0	30	5	27	18	3	156
		Other	0	0	6	20	0	0	0	1	0	3	0	11	41
		Future Total	**14**	**45**	**115**	**62**	**39**	**5**	**3**	**155**	**46**	**70**	**107**	**33**	**694**

ID	Intersection Name	Volume Type	Northbound		Southbound		Westbound		Total Volume
			Thru	Right	Left	Thru	Left	Right	
81	Live Oak Ave/El Lago Dr	Final Base	88	28	32	83	12	13	256
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	92	0	0	51	0	0	143
		Other	6	0	0	3	0	0	9
		Future Total	**186**	**28**	**32**	**137**	**12**	**13**	**408**

ID	Intersection Name	Volume Type	Northbound		Eastbound		Westbound		Total Volume
			Left	Right	Thru	Right	Left	Thru	
82	Oakley Rd/Project Access	Final Base	0	0	227	0	0	160	387
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0
		Net New Trips	0	0	98	0	0	48	146
		Other	14	9	0	27	12	0	62
		Future Total	**14**	**9**	**325**	**27**	**12**	**208**	**595**

Appendix F

Background plus Project Mitigated LOS Analysis

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The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro
Scenario 10 10 10 Background plus Project Conditions AM_Mitigated

Report File: J:\...\Background plus Project Conditions_AM_Mitigated.pdf
5/3/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
24	Live Oak Ave/Oakley Rd	Signalized	HCM 6th Edition	NB Thru	0.597	11.4	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 24: Live Oak Ave/Oakley Rd

Control Type:	Signalized	Delay (sec / veh):	11.4
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.597

Intersection Setup

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	40.00			40.00			45.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	No			No			No			No		

Volumes

Name	Live Oak Ave			Live Oak Ave			Oakley Rd			Oakley Rd		
Base Volume Input [veh/h]	18	158	25	30	76	22	103	54	17	40	89	89
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	2	1	46	2	0	0	0	11	2	15	26	5
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	2	7	0	0	0	0	0	5	1	19
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	20	159	73	39	76	22	103	65	19	60	116	113
Peak Hour Factor	0.6100	0.6100	0.6100	0.6200	0.6200	0.6200	0.4500	0.4500	0.4500	0.8400	0.8400	0.8400
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	8	65	30	16	31	9	57	36	11	18	35	34
Total Analysis Volume [veh/h]	33	261	120	63	123	35	229	144	42	71	138	135
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing m	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing mi	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	90
Coordination Type	Free Running
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss
Signal group	0	2	0	0	6	0	0	4	0	0	8	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	7	0	0	7	0	0	10	0	0	7	0
Maximum Green [s]	0	30	0	0	30	0	0	30	0	0	30	0
Amber [s]	0.0	4.4	0.0	0.0	4.4	0.0	0.0	4.8	0.0	0.0	4.1	0.0
All red [s]	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0
Split [s]	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0
Walk [s]	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrian Clearance [s]	0	0	0	0	0	0	0	0	0	0	0	0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.4	0.0	0.0	3.4	0.0	0.0	3.8	0.0	0.0	3.1	0.0
Minimum Recall		No			No			No			No	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	C	C
C, Cycle Length [s]	38	38	38	38
L, Total Lost Time per Cycle [s]	5.40	5.40	5.80	5.10
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00	2.00
l2, Clearance Lost Time [s]	3.40	3.40	3.80	0.00
g_i, Effective Green Time [s]	12	12	14	15
g / C, Green / Cycle	0.32	0.32	0.38	0.40
(v / s)_i Volume / Saturation Flow Rate	0.26	0.15	0.33	0.22
s, saturation flow rate [veh/h]	1572	1455	1245	1541
c, Capacity [veh/h]	605	588	626	652
d1, Uniform Delay [s]	11.79	10.09	10.52	8.61
k, delay calibration	0.11	0.11	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	1.38	0.40	1.22	0.66
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.68	0.38	0.66	0.53
d, Delay for Lane Group [s/veh]	13.17	10.49	11.74	9.28
Lane Group LOS	B	B	B	A
Critical Lane Group	Yes	No	Yes	No
50th-Percentile Queue Length [veh/ln]	2.34	1.03	1.94	1.50
50th-Percentile Queue Length [ft/ln]	58.40	25.70	48.62	37.55
95th-Percentile Queue Length [veh/ln]	4.20	1.85	3.50	2.70
95th-Percentile Queue Length [ft/ln]	105.11	46.26	87.51	67.59

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	13.17	13.17	13.17	10.49	10.49	10.49	11.74	11.74	11.74	9.28	9.28	9.28
Movement LOS	B	B	B	B	B	B	B	B	B	A	A	A
d_A, Approach Delay [s/veh]	13.17			10.49			11.74			9.28		
Approach LOS	B			B			B			A		
d_I, Intersection Delay [s/veh]	11.36											
Intersection LOS	B											
Intersection V/C	0.597											

Other Modes

g_Walk,mi, Effective Walk Time [s]	0.0	0.0	0.0	0.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	0.00	0.00	0.00	0.00
l_p,int, Pedestrian LOS Score for Intersection	0.000	0.000	0.000	0.000
Crosswalk LOS	F	F	F	F
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	667	667	667	667
d_b, Bicycle Delay [s]	20.00	20.00	20.00	20.00
l_b,int, Bicycle LOS Score for Intersection	2.243	1.924	2.244	2.127
Bicycle LOS	B	A	B	B

Sequence

Ring 1	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	6	-	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



The Vines at Oakley TIS

Vistro File: J:\...\Oakley Citywide Model_Vines.vistro

Scenario 10 10 10 Background plus Project Conditions AM_Mitigated

Report File: J:\...\Background plus Project Conditions_AM_Mitigated.pdf

5/3/2019

Turning Movement Volume: Summary

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	20	159	73	39	76	22	103	65	19	60	116	113	865

The Vines at Oakley TIS

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Scenario 10 10 10 Background plus Project Conditions AM_Mitigated

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5/3/2019

Turning Movement Volume: Detail

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
24	Live Oak Ave/Oakley Rd	Final Base	18	158	25	30	76	22	103	54	17	40	89	89	721
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	2	1	46	2	0	0	0	11	2	15	26	5	110
		Other	0	0	2	7	0	0	0	0	0	5	1	19	34
		Future Total	**20**	**159**	**73**	**39**	**76**	**22**	**103**	**65**	**19**	**60**	**116**	**113**	**865**



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3. P-1A FINAL DEVELOPMENT PLAN - ALT

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5. TM-1A VESTING TENTATIVE MAP - ALT
6. TM-2 EXISTING CONDITIONS
7. TM-3 PRELIMINARY GRADING PLAN
8. TM-4 PRELIMINARY UTILITY PLAN
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OAKLEY
CALIFORNIA

JULY 2019

Kevin L. Crook Architect Inc
PLANNING + ARCHITECTURE

MLC Holdings, Inc.

DESIGN REVIEW & VESTING TENTATIVE MAP
THE VINES AT OAKLEY
SUBDIVISION 9507
OAKLEY, CALIFORNIA

VTA

cbg CIVIL ENGINEERS ▪ SURVEYORS ▪ PLANNERS
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MINIMUM SETBACKS

FRONT	10'
GARAGE	18'
SIDE	5'
REAR	10'

✱RV PARKING PROVIDED ALONG SIDE YARD (14 TOTAL)

LOT COVERAGE

PLAN NUMBER	BUILDING FOOTPRINT*	** TYP LOT COVERAGE
PLAN 1	2,050 SF	51.3%
PLAN 2	1,583 SF	40.0%
PLAN 3	1,699 SF	42.5%

* DOES NOT INCLUDE PORCH AREA
** PERCENT COVERAGE IS BASED ON MINIMUM LOT SIZE OF 50' X 80'

ABBREVATIONS:

SDE STORM DRAIN EASEMENT
SSE SANITARY SEWER EASEMENT

UNIT MIX SUMMARY

PLAN	ELEVATION A	ELEVATION B	ELEVATION C	UNIT COUNT	% MIX
PLAN 1	6	6	7	19	30%
PLAN 2	8	7	7	22	35%
PLAN 3	7	8	7	22	35%
TOTAL				63	100%

GENERAL NOTES

1. SUBDIVIDER: MLC HOLDINGS, INC.
2603 CAMINO RAMON, SUITE 140
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PHONE: (925) 543-4012
CONTACT: CHARLES MCKEAG

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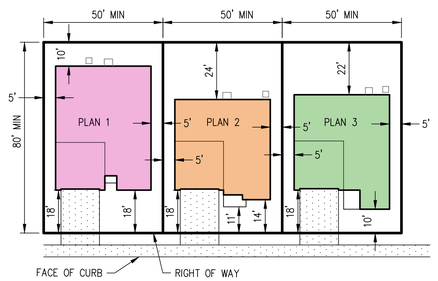
3. ACREAGE: GROSS: 9.87 AC±
NET: 9.62 AC±

4. LAND USE: EXISTING – VACANT LAND
PROPOSED – SINGLE FAMILY RESIDENTIAL

5. ZONING: R-6 (RESIDENTIAL 6,000 SF MIN)
PROPOSED – P-1 (PLANNED DEVELOPMENT) DISTRICT

6. SITE DENSITY: GROSS: 6.38 DU/AC
NET: 6.55 DU/AC

7. MINIMUM LOT AREA: 4,000 SF



TYPICAL 50' X 80' LOT SETBACKS

0' 40' 120' 160'
SCALE: 1" = 40'
DATE: JUNE 2019

OAKLEY CALIFORNIA

MLC Holdings, Inc.

FINAL DEVELOPMENT PLAN
THE VINES AT OAKLEY
SUBDIVISION 9507

CITY OF OAKLEY CONTRA COSTA COUNTY CALIFORNIA

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MINIMUM SETBACKS	
FRONT	10'
GARAGE	18'
SIDE	5'
REAR	10'

*RV PARKING PROVIDED ALONG SIDE YARD (7 TOTAL)

LOT COVERAGE

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ABBREVATIONS:

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SSE SANITARY SEWER EASEMENT

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PLAN 1	7	6	6	19	30%
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TOTAL				63	100%

GENERAL NOTES

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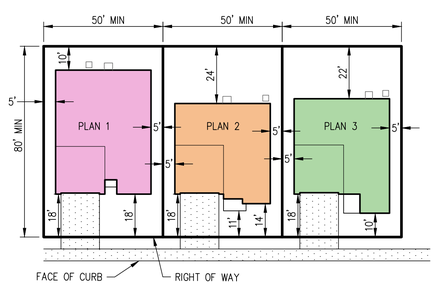
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TYPICAL 50' X 80' LOT SETBACKS

0' 40' 120' 160'
SCALE: 1" = 40' DATE: JUNE 2019

OAKLEY CALIFORNIA

MLC Holdings, Inc.

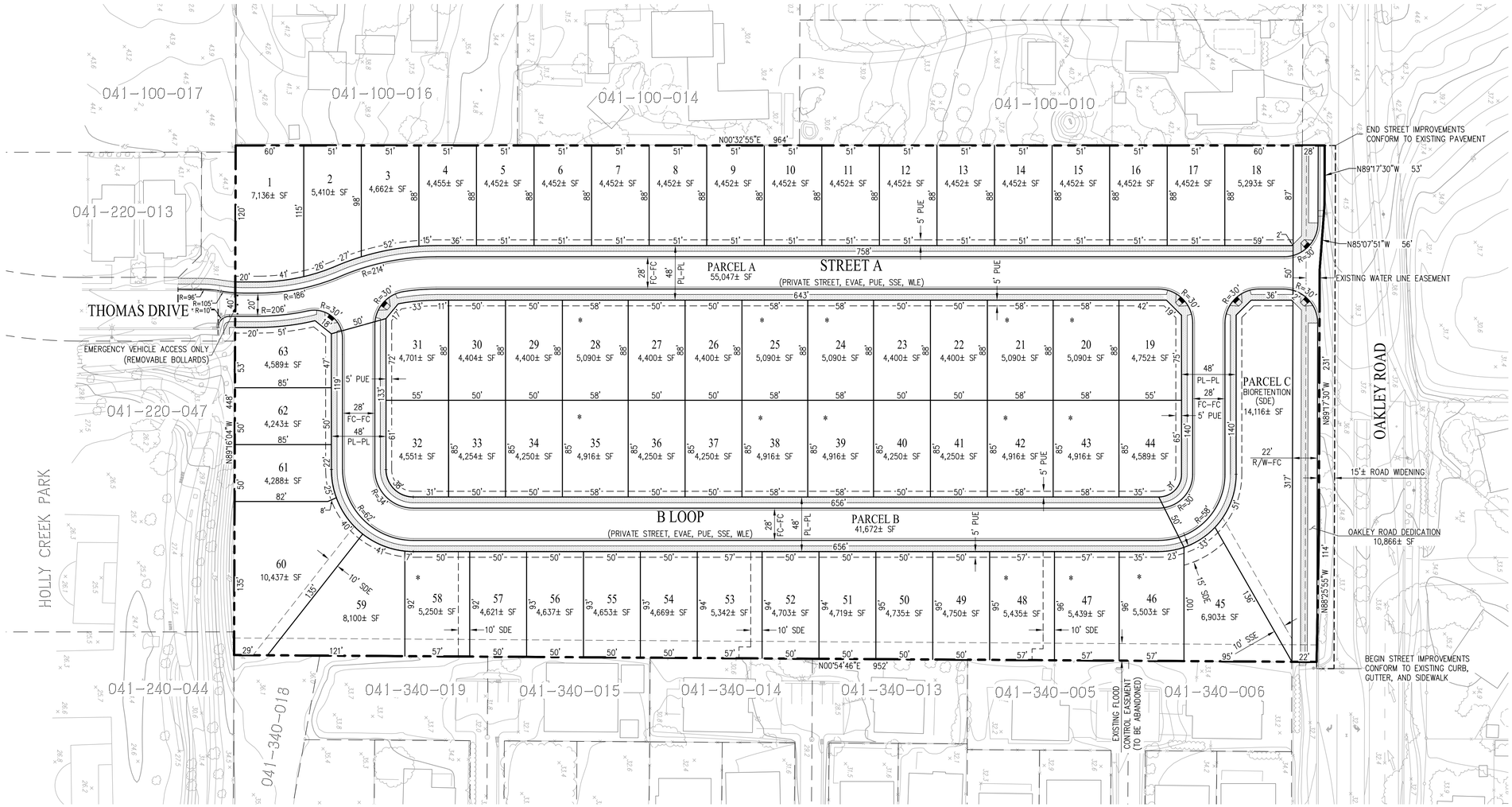
FINAL
DEVELOPMENT PLAN - ALTERNATE
THE VINES AT OAKLEY
SUBDIVISION 9507

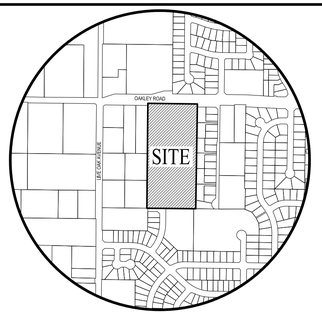
CITY OF OAKLEY CONTRA COSTA COUNTY CALIFORNIA

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VICINITY MAP

NOT TO SCALE

GENERAL NOTES

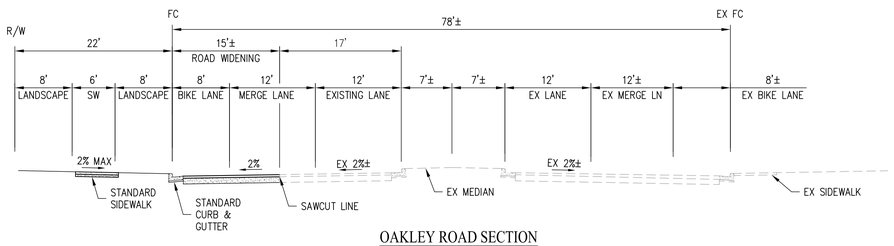
1. ASSESSORS PARCEL NO. 041-100-009
2. SITE AREA: GROSS: 9.87± ACRES
   NET: 9.62± ACRES (OAKLEY RD. DEDICATION AND PARCEL A)
3. LOTS: RESIDENTIAL: 63 (LOTS 1-63)
   PRIVATE STREETS: 2 (PARCEL A & B)
   WATER QUALITY: 1 (PARCEL C)
4. DWELLING UNITS: 63
5. SITE DENSITY: GROSS: 6.38 DU/AC
   NET: 6.55 DU/AC
6. EXISTING GENERAL PLAN: SINGLE FAMILY RESIDENTIAL-HIGH
   PROPOSED GENERAL PLAN: SINGLE FAMILY RESIDENTIAL-HIGH (7.67 AC)
   MULTI-FAMILY RESIDENTIAL-LOW (2.20 AC)
7. EXISTING ZONING: R-6 (RESIDENTIAL 6,000 SF MIN)
   PROPOSED ZONING: PROPOSED - P-1 (PLANNED DEVELOPMENT) DISTRICT
8. EXISTING LAND USE: VACANT LAND
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10. BASIS OF BEARINGS: THE BASIS OF BEARINGS FOR THIS SURVEY IS BETWEEN FOUND NGS MONUMENTS, HAVING PID NO. AA3821 AND JS4835, EPOCH 2010, THE BEARING BEING N70°45'54"E (CALCULATED AND MEASURED)
11. FLOOD ZONE: ZONE X: AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN
    SOURCE: FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), FLOOD INSURANCE RATE MAP, MAP NUMBER 06013C0355G
    DATE: MARCH 21, 2017
12. UTILITIES:
    WATER: DIABLO WATER DISTRICT
    SEWER: IRONHOUSE SANITARY DISTRICT
    STORM DRAIN: CITY OF OAKLEY
    GAS & ELECTRIC: PG&E
    TELEPHONE: AT&T
13. DIMENSIONS: ALL DIMENSIONS ARE PRELIMINARY AND SUBJECT TO FINAL MAP
14. GRADING: GRADING SHOWN IS PRELIMINARY AND SUBJECT TO CHANGE DURING FINAL DESIGN. PAD GRADES SHOWN ON SITE DEVELOPMENT PERMIT PLANS MUST BE IN SUBSTANTIAL CONFORMANCE WITH THOSE DEPICTED ON THE APPROVED TENTATIVE MAP.
15. PHASING: PROJECT MAY BE CONSTRUCTED IN PHASES
16. FINAL MAP: THIS PROJECT MAY BE PHASED. MULTIPLE FINAL MAPS MAY BE FILED UPON APPROVAL OF THE VESTING TENTATIVE SUBDIVISION MAP.

CONTACTS

1. OWNER/DEVELOPER: MLC HOLDINGS, INC.
   2603 CAMINO RAMON, SUITE 140
   SAN RAMON, CA 94583
   (925) 543-4012
   CHARLES MCKEAG
2. ENGINEER: CARLSON, BARBEE & GIBSON, INC.
   2633 CAMINO RAMON, SUITE 350
   SAN RAMON, CALIFORNIA 94583
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   COLT ALVERNAZ, RCE 75740
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   CROW CANYON PLACE, SUITE 250
   SAN RAMON, CA 94583
   (925) 866-9000
   ROBERT BOECHE

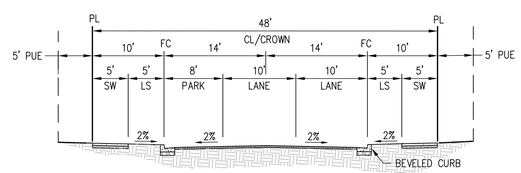
LEGEND

25	LOT NUMBER
100'	LOT DIMENSION
	PROJECT BOUNDARY
	PROPOSED RIGHT OF WAY
	PROPOSED LOT LINE
	PROPOSED FACE OF CURB
	EXISTING EASEMENT
	PROPOSED SAWCUT LINE
*	RV PARKING (14 TOTAL)
EVAE	EMERGENCY VEHICLE ACCESS EASEMENT
PAE	PUBLIC ACCESS EASEMENT
PUE	PUBLIC UTILITY EASEMENT
SSE	SANITARY SEWER EASEMENT
WLE	WATER LINE EASEMENT
SDE	STORM DRAIN EASEMENT



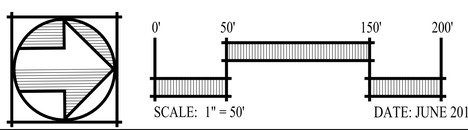
OAKLEY ROAD SECTION

NOT TO SCALE



TYPICAL STREET SECTION

NOT TO SCALE



SCALE: 1" = 50'

DATE: JUNE 2019

OAKLEY CALIFORNIA

VESTING TENTATIVE MAP

THE VINES AT OAKLEY

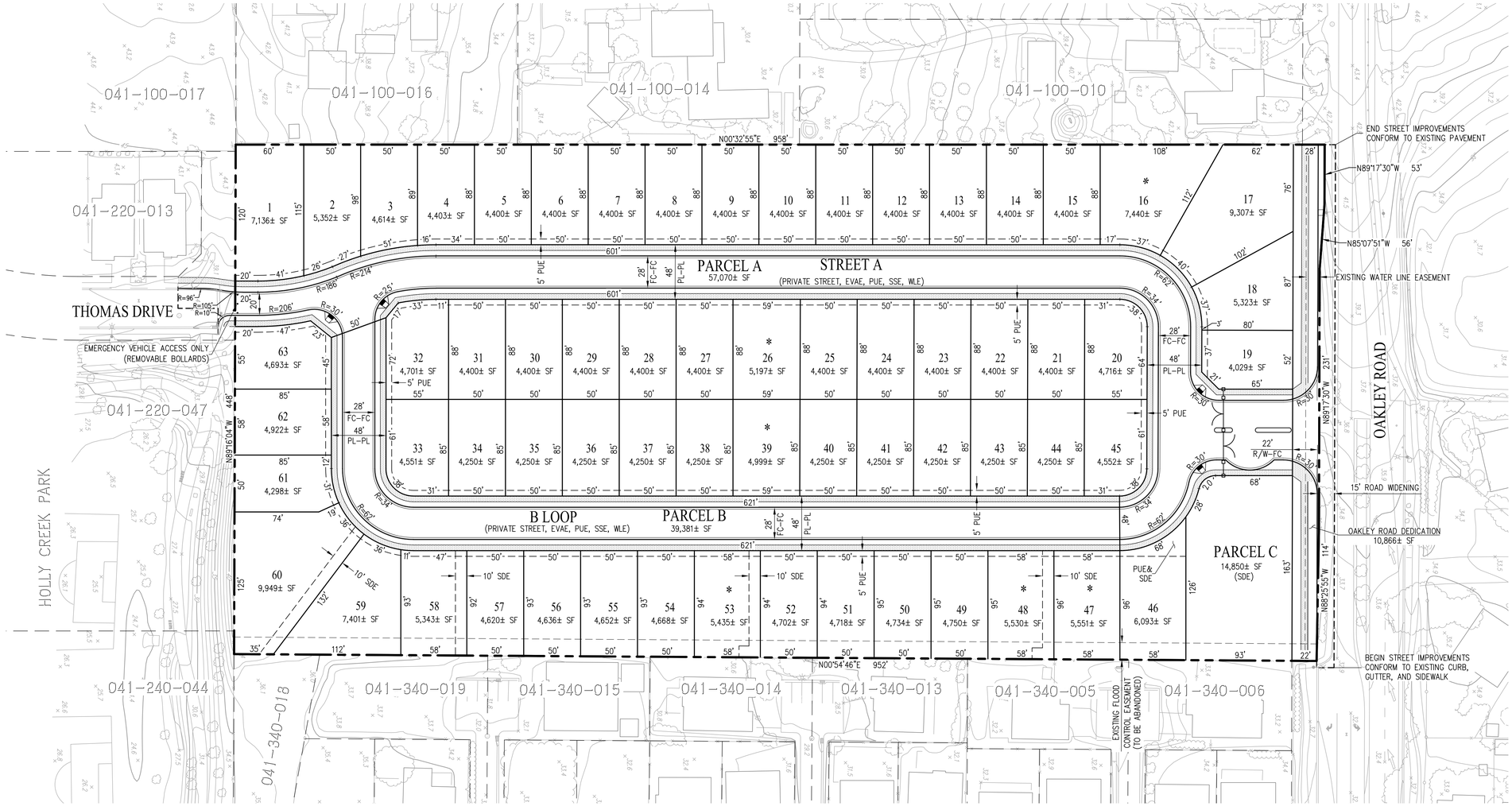
SUBDIVISION 9507

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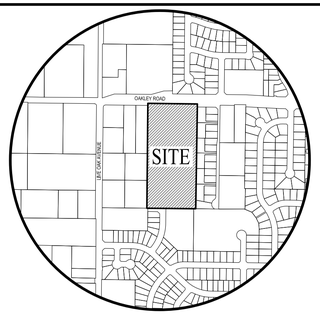
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VICINITY MAP

NOT TO SCALE

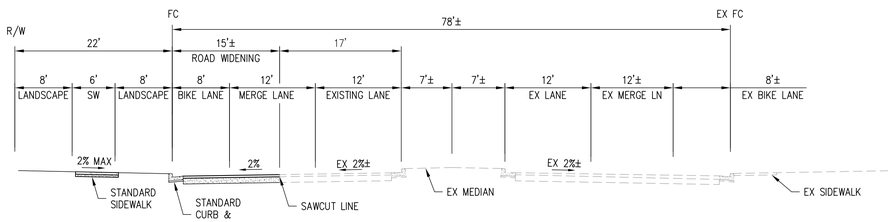


GENERAL NOTES

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    SOURCE: FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), FLOOD INSURANCE RATE MAP, MAP NUMBER 06013C0355G
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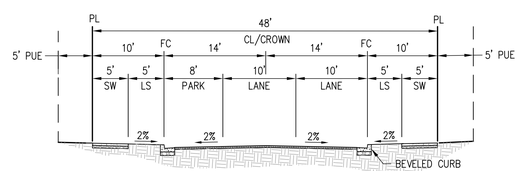
LEGEND

25	LOT NUMBER
100'	LOT DIMENSION
	PROJECT BOUNDARY
	PROPOSED RIGHT OF WAY
	PROPOSED LOT LINE
	PROPOSED FACE OF CURB
	EXISTING EASEMENT
	PROPOSED SAWCUT LINE
*	RV PARKING (6 TOTAL)
EVAE	EMERGENCY VEHICLE ACCESS EASEMENT
PAE	PUBLIC ACCESS EASEMENT
PUE	PUBLIC UTILITY EASEMENT
SSE	SANITARY SEWER EASEMENT
WLE	WATER LINE EASEMENT
SDE	STORM DRAIN EASEMENT



OAKLEY ROAD SECTION

NOT TO SCALE



TYPICAL STREET SECTION

NOT TO SCALE

CONTACTS

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3. SOILS ENGINEER: ENGEO
   CROW CANYON PLACE, SUITE 250
   SAN RAMON, CA 94583
   (925) 866-9000
   ROBERT BOECHE

0' 50' 150' 200'

SCALE: 1" = 50'

DATE: JUNE 2019

OAKLEY CALIFORNIA

VESTING TENTATIVE MAP - ALTERNATE

THE VINES AT OAKLEY

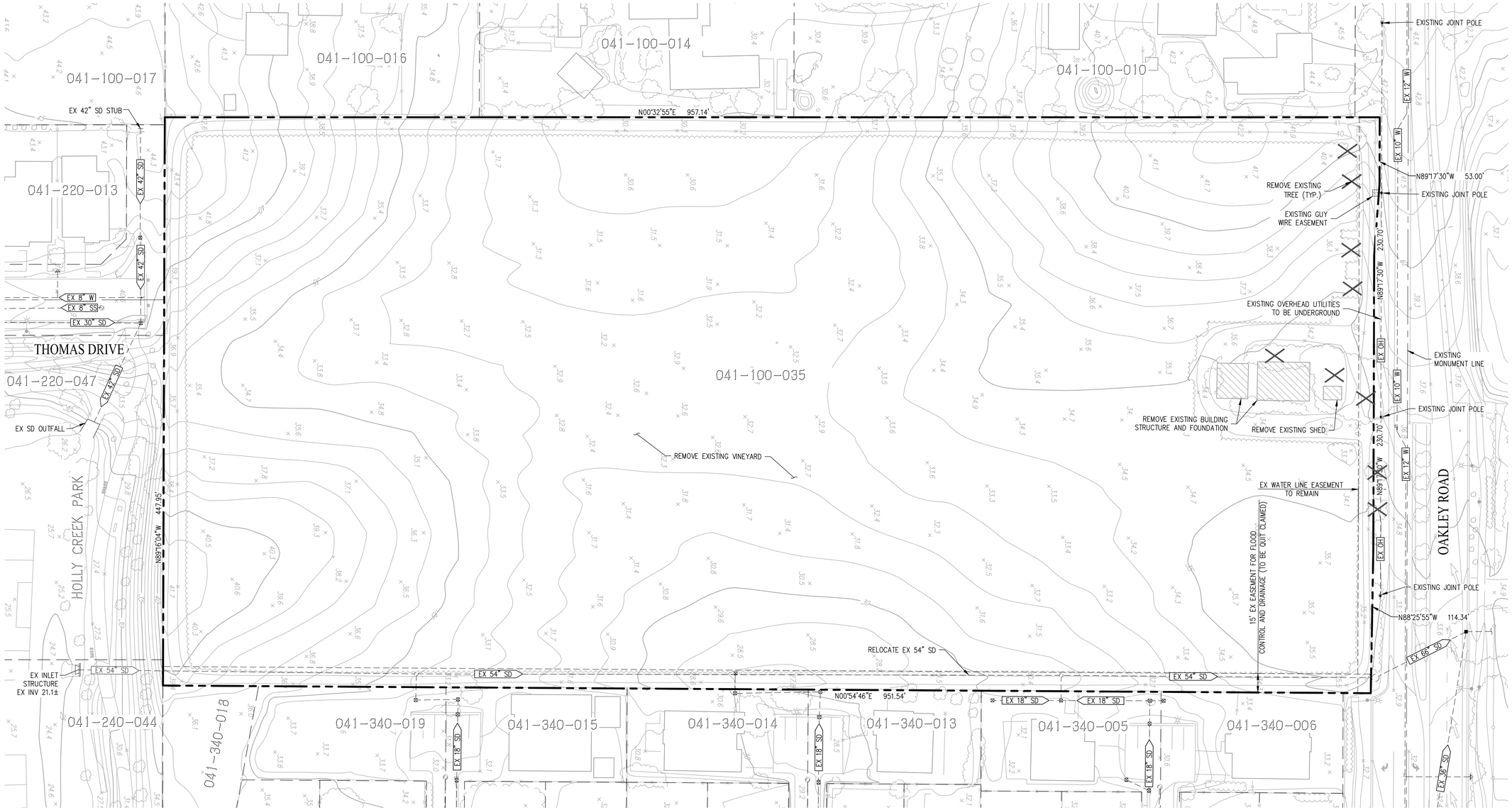
SUBDIVISION 9507

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ABBREVIATIONS

OH	OVERHEAD
SD	STORM DRAIN
SS	SANITARY SEWER
W	WATER

FLOOD ZONE:

ZONE X:	AREAS OF MINIMAL FLOOD HAZARD
SOURCE:	FLOOD INSURANCE RATE MAP PANEL 06013C0163G
DATED:	SEPTEMBER 30, 2015

LEGEND

- PROJECT BOUNDARY
- EXISTING EASEMENT
- EXISTING CATCH BASIN
- EXISTING FIRE HYDRANT
- EXISTING MANHOLE
- EXISTING STREET LIGHT
- EX SD — EXISTING STORM DRAIN
- EX SS — EXISTING SANITARY SEWER
- EX W — EXISTING WATER LINE
- EX GAS — EXISTING GAS
- EX OH — EXISTING OVERHEAD LINE
- EXISTING BUILDING TO BE DEMOLISHED
- EXISTING TREE TO BE REMOVED

0' 40' 120' 160'

SCALE: 1" = 40' DATE: JUNE 2019

OAKLEY CALIFORNIA

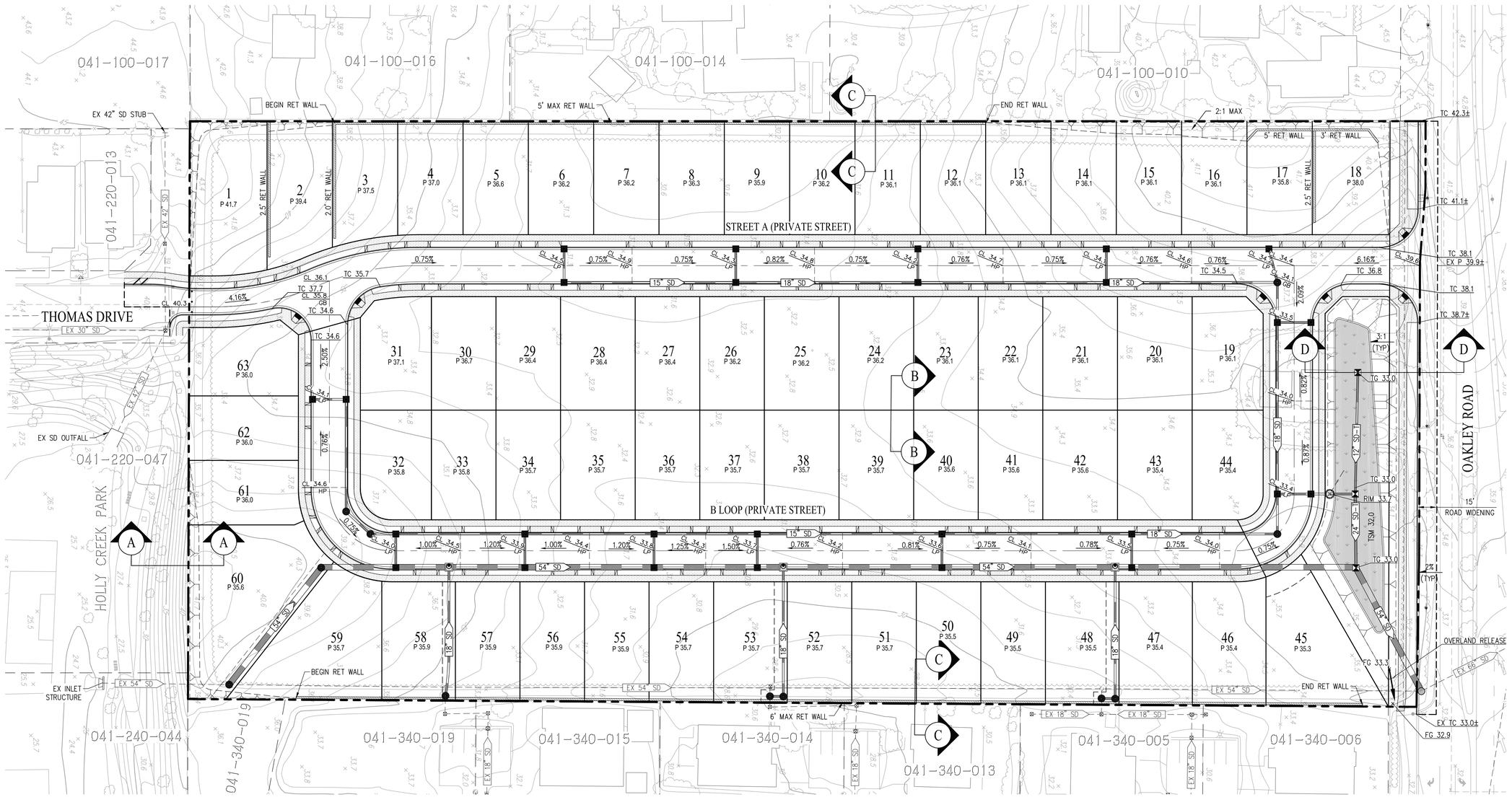
EXISTING CONDITIONS
THE VINES AT OAKLEY
SUBDIVISION 9507

CITY OF OAKLEY CONTRA COSTA COUNTY CALIFORNIA

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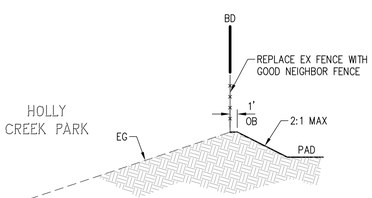
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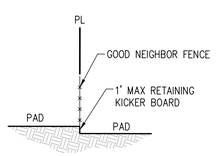


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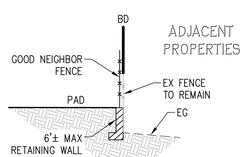
- PROJECT BOUNDARY
- PROPOSED LOT LINE
- PROPOSED FACE OF CURB
- P 7.6 — APPROXIMATE PAD ELEVATION
- 8.0 — EXISTING CONTOUR LINE
- 10.0 — EXISTING SPOT GRADE
- SD — STORM DRAIN
- MANHOLE
- CATCH BASIN
- TEMPORARY SWALE
- RETAINING WALL



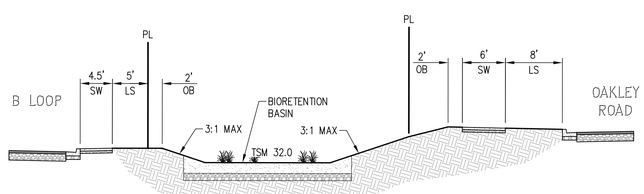
SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE



SECTION C-C
NOT TO SCALE



SECTION D-D
NOT TO SCALE

0' 40' 120' 160'

SCALE: 1" = 40'

DATE: JUNE 2019

OAKLEY CALIFORNIA

PRELIMINARY GRADING PLAN

THE VINES AT OAKLEY

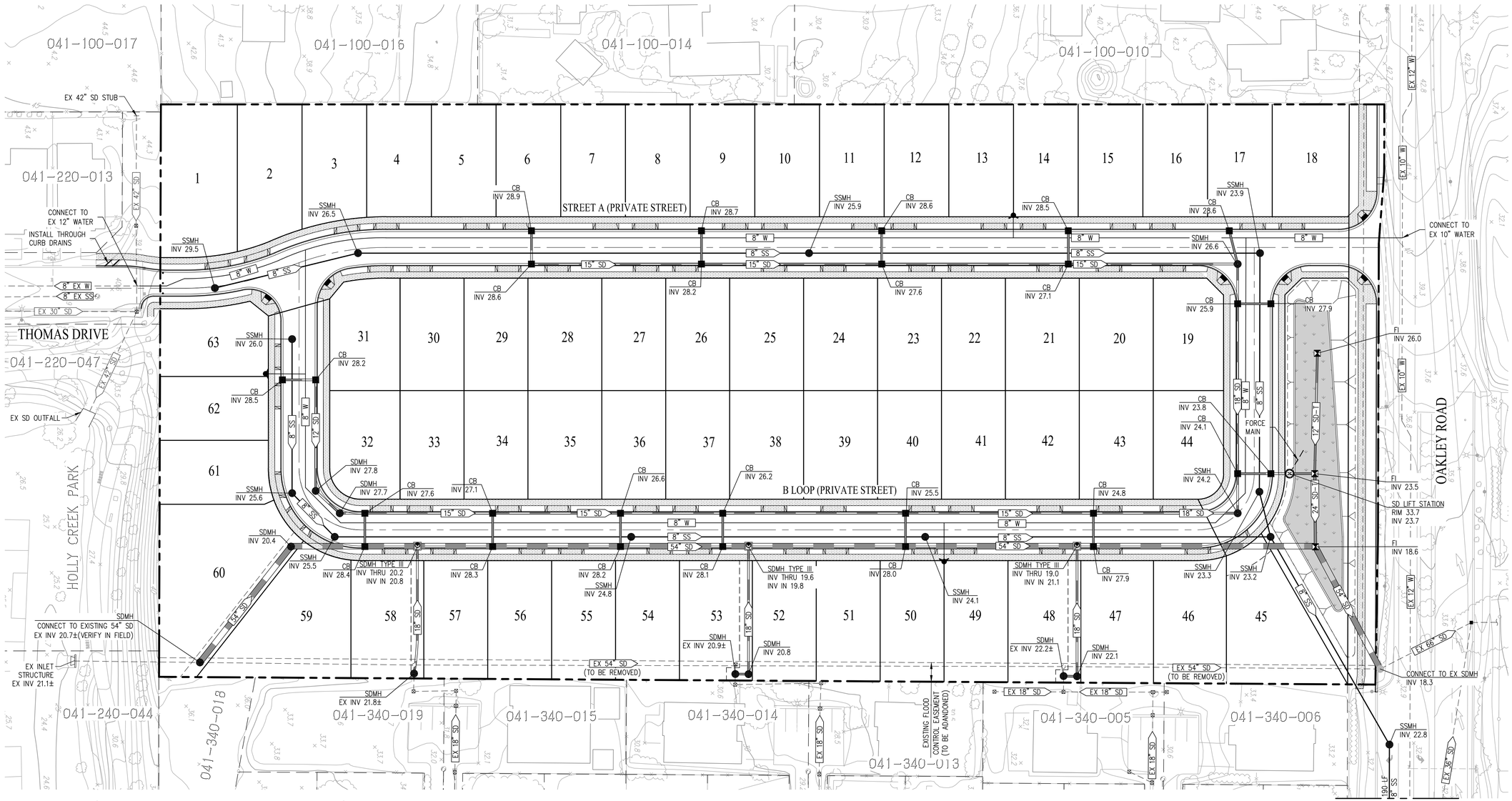
SUBDIVISION 9507

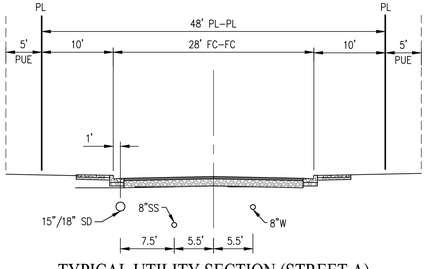
CITY OF OAKLEY CONTRA COSTA COUNTY CALIFORNIA

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SHEET NO.
TM-3

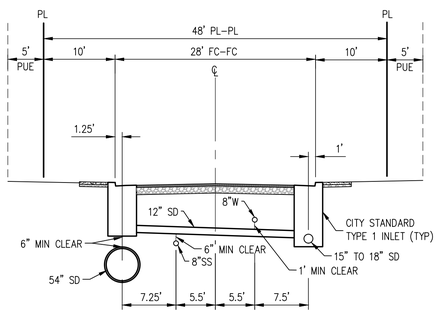
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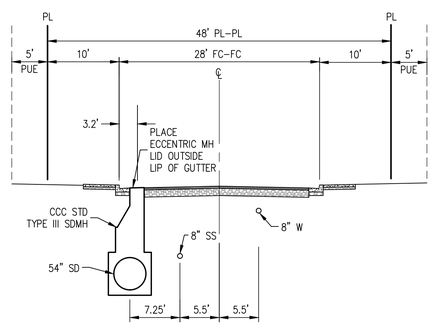
TYPICAL UTILITY SECTION (STREET A)

(LOOKING SOUTH)
NOT TO SCALE



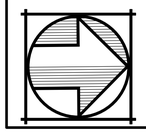
TYPICAL UTILITY SECTION
AT STORM DRAIN CROSSINGS

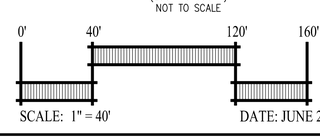
(LOOKING SOUTH)
NOT TO SCALE



TYPICAL UTILITY SECTION
AT SMDH TYPE III (54" SD PIPE)

(LOOKING SOUTH)
NOT TO SCALE





SCALE: 1" = 40'

DATE: JUNE 2019

OAKLEY
CALIFORNIA

PRELIMINARY UTILITY PLAN

THE VINES AT OAKLEY

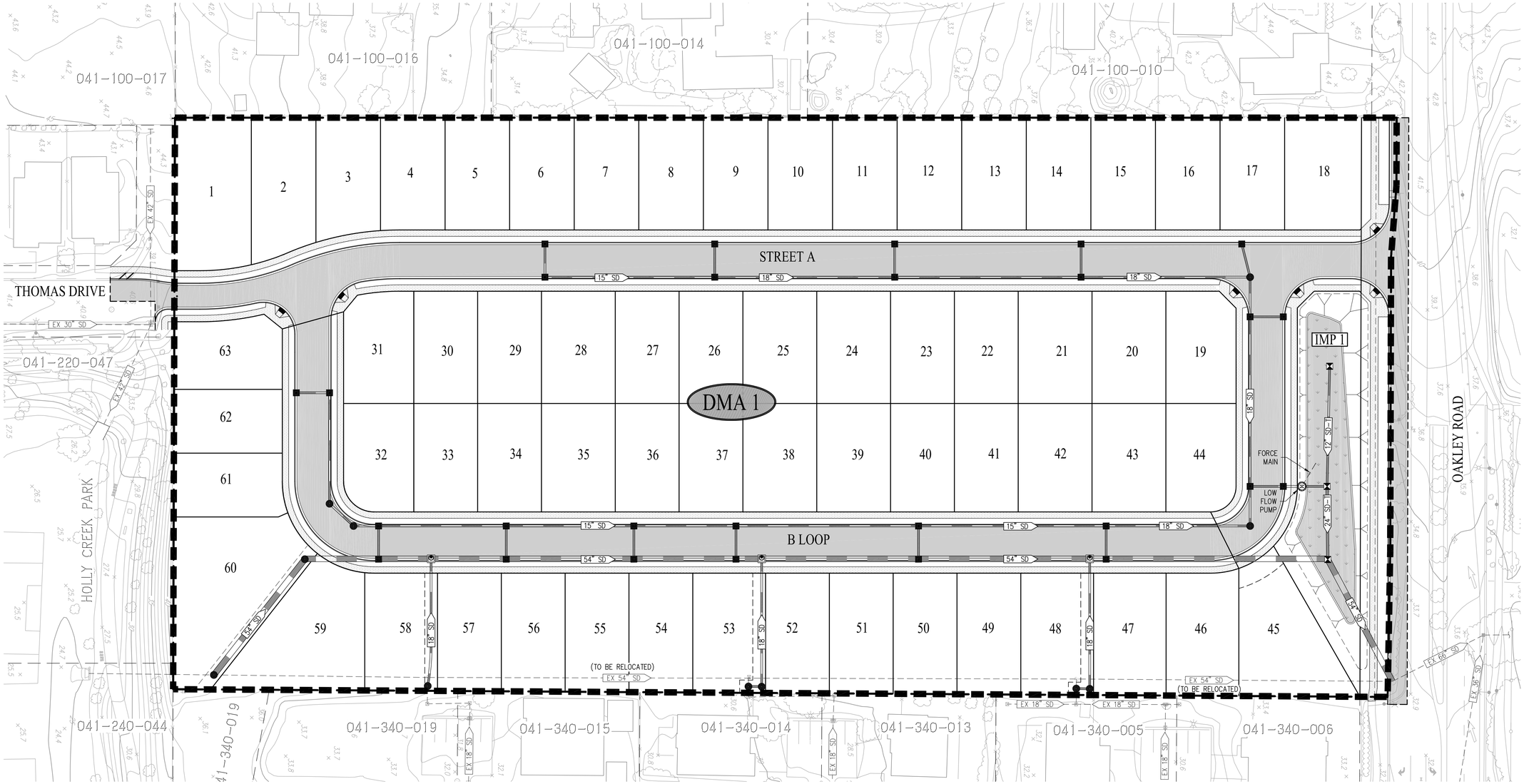
SUBDIVISION 9507

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TM-4

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DRAINAGE MANAGEMENT AREA SUMMARY

AREA ID	IMPERVIOUS AREA (SF)	PERVIOUS AREA (SF)	REQUIRED (SF)	PROVIDED (SF)
DMA 1	225,378	204,708	9,834	9,834

NOTES

- VALUES IN THE TABLE ABOVE ARE ESTIMATED BASED UPON THE AVAILABLE INFORMATION AT THE TIME OF THIS TENTATIVE MAP.
- CALCULATIONS ASSUME FRONT AND BACKYARDS WILL HAVE A C-VALUE OF 0.3 (30% HARDSCAPE & 70% LANDSCAPE).
- REQUIRED TREATMENT AREAS CALCULATED USING THE 4% RULE WITH A FACTOR OF 1.0 FOR IMPERVIOUS AREAS AND 0.1 FOR PERVIOUS AREAS (CONTRA COSTA COUNTY IMP SIZING TOOL).

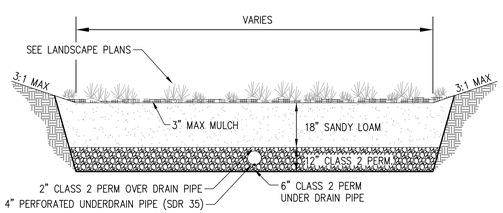
0' 40' 120' 160'

SCALE: 1" = 40' DATE: JUNE 2019

OAKLEY CALIFORNIA

LEGEND

25	LOT NUMBER
	PROPOSED RIGHT OF WAY
	PROPOSED LOT LINE
	PROPOSED FACE OF CURB
	DMA BOUNDARY
	BIORETENTION AREA
DMA 1	DRAINAGE MANAGEMENT AREA
IMP 1	INTEGRATED MANAGEMENT PRACTICE – BIORETENTION AREA



LANDSCAPE & BIO RETENTION AREA DETAIL

NOT TO SCALE

NOTE:

SANDY LOAM SOIL MIX SHALL HAVE MINIMUM LONG TERM PERCOLATION RATE OF 5"/HOUR.

PRELIMINARY STORMWATER MANAGEMENT PLAN

THE VINES AT OAKLEY

SUBDIVISION 9507

CITY OF OAKLEY CONTRA COSTA COUNTY CALIFORNIA

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7/18/2019 8:58 AM

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MLC Holdings, Inc.
2603 CAMINO RAMON, STE. 140
SAN RAMON, CA 94583
(925) 543-4004

THE VINES AT OAKLEY

Oakley, California

OVERALL LANDSCAPE PLAN

CONCEPTUAL LANDSCAPE PLAN
JUNE 2019

vanderToolen Associates
855 Bordeaux Way
Suite 240
Napa, CA 94558
tel: 707.224.2299
www.vandertoolen.com

SCALE: 1" = 30'-0" (0' 15' 30' 60')

NORTH

L-1

Project No. 10618

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PROPOSED PLANT PALLETE

BOTANICAL NAME	COMMON NAME	MIN. SIZE	WUCOLS*
TREES			
LAGERSTROEMIA INDICA `TUSCARORA`	CRAPE MYRTLE	15 GAL	L
OLEA EUROPAEA 'SWAN HILL' TM	SWAN HILL OLIVE	24"BOX	VL
QUERCUS AGRIFOLIA	COAST LIVE OAK	24"BOX	VL
QUERCUS LOBATA	VALLEY OAK	48"BOX	L
QUERCUS SUBER	CORK OAK	24"BOX	L
X CHITALPA TASHKENTENSIS	CHITALPA	24"BOX	L
SHRUBS			
ARCTOSTAPHYLOS SPP.	MANZANITA	5 GAL	L
CALLISTEMON 'LITTLE JOHN'	DWARF BOTTLEBRUSH	5 GAL	L
CARPENTERIA CALIFORNICA	BUSH ANEMONE	5 GAL	L
CEANOTHUS SPP.	WILD LILAC	5 GAL	L
CISTUS SPP.	ROCK ROSE	5 GAL	L
DIETES SPP.	FORTNIGHT LILY	1 GAL	L
GALVEZIA SPECIOSA	ISLAND SNAPDRAGON	5 GAL	L
GREVILLEA SPP.	GREVILLEA	5 GAL	L
LOROPETALUM SPP.	CHINESE FRINGE FLOWER	5 GAL	M
PHORMIUM SPP.	NEW ZEALAND FLAX	5 GAL	M
PITTOSPORUM SPP.	PITTOSPORUM	5 GAL	M
RHAMNUS CALFORNICA	COFFEE BERRY	5 GAL	L
RHAPHIOLEPIS SPP.	INDIA HAWTHORN	5 GAL	M
ROSA SPP.	LANDSCAPE ROSES	2 GAL	M
SALVIA SPP.	SAGE	1 GAL	L
SOLLYA HETEROPHYLLA	AUSTRALIAN BLUEBELL CREEPER	1 GAL	L
TEUCRIUM SPP.	GERMANDER	5 GAL	L
WESTRINGIA FRUTICOSA	COAST ROSEMARY	5 GAL	L
ACCENTS			
ACACIA C. 'COUSIN ITT'	LITTLE RIVER WATTLE	1 GAL	L
ACHILLEA MILLEFOLIUM	YARROW	1 GAL	L
AGAVE SPP.	AGAVE	1 GAL	L
ALOE SPP.	ALOE	1 GAL	L
ANIGOZANTHOS SPP.	KANGAROO PAW	1 GAL	L
BOUTELOUA G. 'BLONDE AMBITION'	BLUE GRAMA GRASS	1 GAL	L
CALAMGROSTIS A. 'KARL FOERSTER'	FEATHER REED GRASS	1 GAL	L
CALANDRINIA GRANDIFLORA	ROCK PURSLANE	1 GAL	L
ERIOGONUM GRANDE RUBESCENS	SAN MIGUEL ISLAND BUCKWHEAT	1 GAL	L
HELICTOTRICHON SEMPERVIRENS	BLUE OAT GRASS	1 GAL	L
LOMANDRA SPP.	DWARF MAT RUSH	1 GAL	L
NANDINA D. 'LEMON LIME'	HEAVENLY BAMBOO	1 GAL	L
NEPETA X FAASSENII	CATMINT	1 GAL	L
PENSTEMON HETEROPHYLLUS	BEARDTONGUE	1 GAL	L
VERBENA LILACINA 'DE LA MINA'	CEDROS ISLAND VERBENA	1 GAL	L
ZAUSCHNERIA CALIFORNICA	CALIFORNIA FUCHSIA	1 GAL	L
BIO-RETENTION BASINS & SWALES			
DESCHAMPSIA CESPITOSA	TUFTED HAIRGRASS	PLUGS	L
FESTUCA IDAHOENSIS	IDAHO FESCUE	PLUGS	L
JUNCUS PATENS	BLUE RUSH	PLUGS	M
LEYMUS TRITICOIDES 'GREY DAWN'	CREEPING WILD RYE	PLUGS	L
MIMULUS AURANTIACUS	STICKY MONKEYFLOWER	1 GAL	L
MUHLENBERGIA RIGENS	DEERGRASS	1 GAL	L
PRUNELLA VULGARIS	SELFHEAL	1 GAL	M
ROSA CALIFORNICA	CALIFORNIA ROSE	2 GAL	L
SISYRINCHIUM BELLUM	BLUE-EYED GRASS	1 GAL	L
GROUNDCOVERS			
CAREX DIVULSA	BERKELEY SEDGE	1 GAL	L
COTONEASTER D. LOWFAST	BEARBERRY COTONEASTER	1 GAL	L
ERIGERON KARVINSKIANUS	SANTA BARBARA DAISY	1 GAL	L
FRAGARIA CHILOENSIS	BEACH STRAWBERRY	1 GAL	M
HELIANTHEMUM NUMMULARIUM	SUNROSE	1 GAL	M
MYOPORUM P. 'PROSTRATUM'	CREEPING MYOPORUM	1 GAL	L
SCAEVOLA ' MAUVE CLUSTER'	FAIRY FAN FLOWER	1 GAL	L
STACHYS BYZANTINA	LAMBS' EARS	1 GAL	L
WESTRINGIA FRUTICOSA `MUNDI` TM	LOW COAST ROSEMARY	1 GAL	L

* WATER NEEDS BASED ON THE WATER USE CLASSIFICATION OF LANDSCAPE SPECIES (WUCOLS) BY THE UNIVERSITY OF CALIFORNIA COOPERATIVE EXTENSION.



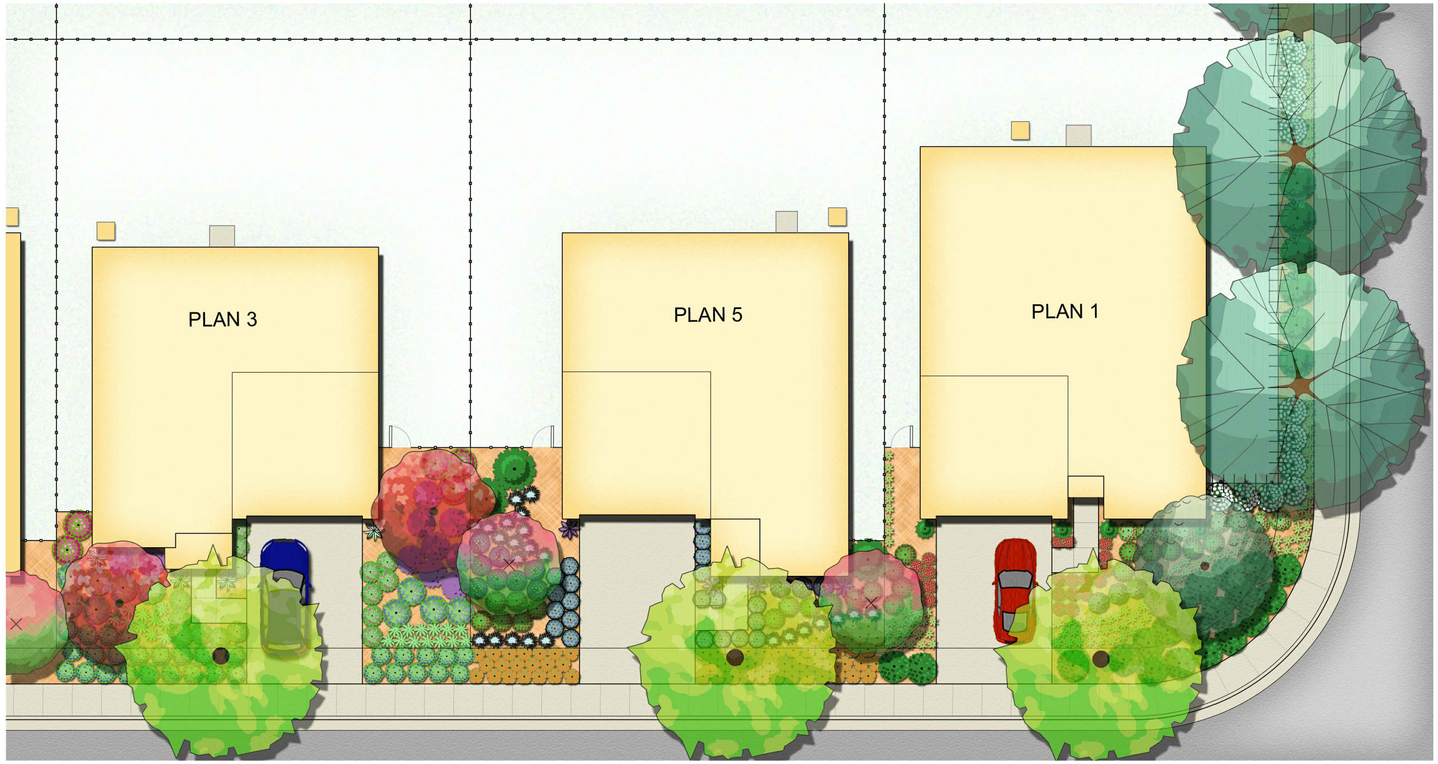
OLEA E. 'SWAN HILL'



QUERCUS AGRIFOLIA



LAGERSTOEMIA I. 'TUSCARORA'





QUERCUS SUBER



CARPENTERIA CALIFORNICA



CEANOTHUS SPP.



GALVEZIA SPECIOSA



LOROPETALUM SPP.



SALVIA SPP.



TEUCRIUM SPP.



ALOE SPP.



ANIGOZANTHOS SPP.



BOUTELOUA G. 'BLONDE AMBITION'



CALANDRINIA GRANDIFLORA



NEPETA X FAASSENII



VERBENA LILACINA 'DE LAMINA'



HELIANTHEMUM NUMMULARIUM



FESTUCA IDAHOENSIS



JUNCUS PATENS



SISYRINCHIUM BELLUM

MLC Holdings, Inc.
2603 CAMINO RAMON, STE. 140
SAN RAMON, CA 94583
(925) 543-4004

THE VINES AT OAKLEY

Oakley, California

TYPICALS LANDSCAPE PLAN

CONCEPTUAL LANDSCAPE PLAN
JUNE 2019

vanderToolen Associates
855 Bordeaux Way
Suite 240
Napa, CA 94558
tel: 707.224.2299
www.vandertoolen.com

0' 5' 10' 20'
SCALE: 1" = 10'-0"

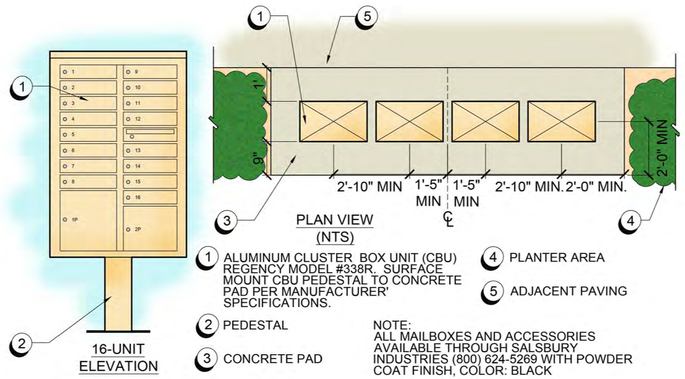
L-2

Project No. 10618

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A ENHANCED PAVING

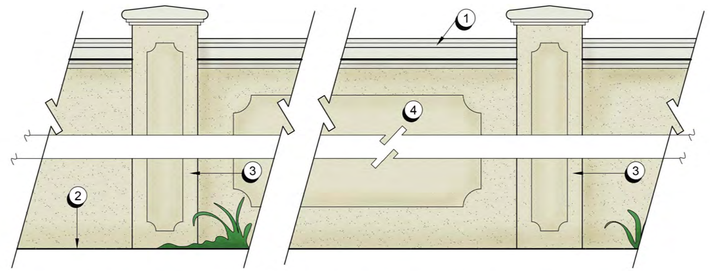


1. ALUMINUM CLUSTER BOX UNIT (CBU) REGENCY MODEL #338R, SURFACE MOUNT CBU PEDESTAL TO CONCRETE PAD PER MANUFACTURER' SPECIFICATIONS.
2. PEDESTAL
3. CONCRETE PAD
4. PLANTER AREA
5. ADJACENT PAVING

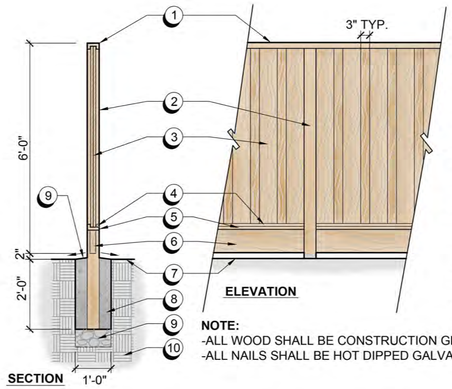
NOTE:
ALL MAILBOXES AND ACCESSORIES AVAILABLE THROUGH SALSBURY INDUSTRIES (800) 624-5269 WITH POWDER COAT FINISH, COLOR: BLACK

B CBU MAILBOX
N.T.S.

1. SOUNDWALL TO BE 'MARINA' STYLE AS MANUFACTURED BY SIERRA PRECAST INC. (408)-779-1000.
2. FINISH GRADE
3. PILASTERS AT CORNERS AND EVERY 25'-10¾" O.C. MAX.
4. 2" RAISED HALO.



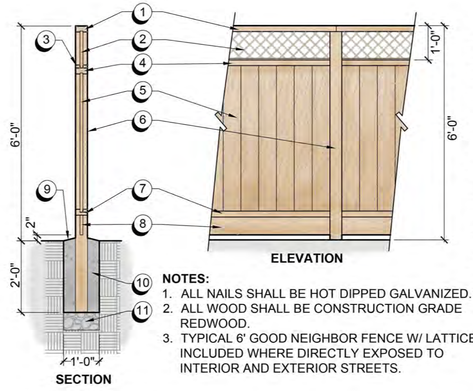
C PRE-CAST BOUNDARY WALL
SCALE: 1/2" = 1'-0"



1. 2 x 4 TOP RAIL WITH DADO.
2. 4 x 4 POSTS @ 8' 0.C.
3. 3/4 x 6 FENCE BOARDS.
4. 1 x 1 CLEAT.
5. 2 x 4 BOTTOM RAIL W/ DADO.
6. 2 x 8 KICKBOARD.
7. FINISH GRADE.
8. CONCRETE FOOTING.
9. TOP OF FOOTING AT TOP OF GRADE.
10. 6" DRAIN ROCK.
11. COMPACTED SUBGRADE OR ENGINEERED FILL.

NOTE:
-ALL WOOD SHALL BE CONSTRUCTION GRADE REDWOOD.
-ALL NAILS SHALL BE HOT DIPPED GALVANIZED.

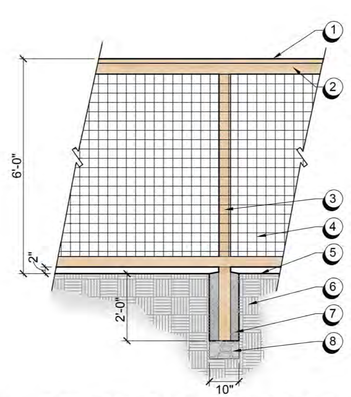
D GOOD NEIGHBOR FENCE
SCALE: 1/2" = 1'-0 "



1. 2 x 4 TOP RAIL DADO.
2. DIAGONAL WOOD LATTICE.
3. (2) 1 x 1 CLEATS.
4. 2 x 4 MIDDLE RAIL DADO.
5. 1 x 6 FENCE BOARDS.
6. 4 x 4 POST @ 8' O.C.
7. 2 x 4 BOTTOM L RAIL WITH 1 X 1 CLEAT.
8. 2 x 8 KICKBOARD.
9. SLOPE TOP OF FOOTING AT GRADE.
10. CONCRETE FOOTING.
11. 6" DEEP AGGREGATE DRAIN ROCK.

NOTES:
1. ALL NAILS SHALL BE HOT DIPPED GALVANIZED.
2. ALL WOOD SHALL BE CONSTRUCTION GRADE REDWOOD.
3. TYPICAL 6' GOOD NEIGHBOR FENCE W/ LATTICE INCLUDED WHERE DIRECTLY EXPOSED TO INTERIOR AND EXTERIOR STREETS.

E GOOD NEIGHBOR FENCE W/ LATTICE
SCALE: 1/2" = 1'-0 "



1. 2 x 6 TOP RAIL
2. 2 x 4 RAIL LAP OVER FENCING ATTACH FENCING TO BACK OF 2 X 4 WITH STAPLES
3. 4 X 4 POST @ 6' 0N CENTER, TYPICAL
4. 4 X 4 WOVEN WIRE FENCING ATTACH TO 4 X 4 POSTS WITH HEAVY DUTY WIRE STAPLES
5. FINISH GRADE
6. COMPACTED SUBGRADE OR ENGINEERED FILL.
7. CONCRETE FOOTING
8. 6" DRAIN ROCK

NOTE:
- ALL WOOD TO BE REDWOOD CONSTRUCTION GRADE.
- ALL NAILS TO BE HOT-DIPPED GALVANIZED.

F 6' HIGH VIEW FENCE
SCALE: 1/2" = 1'-0 "

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(925) 543-4004

THE VINES AT OAKLEY
Oakley, California

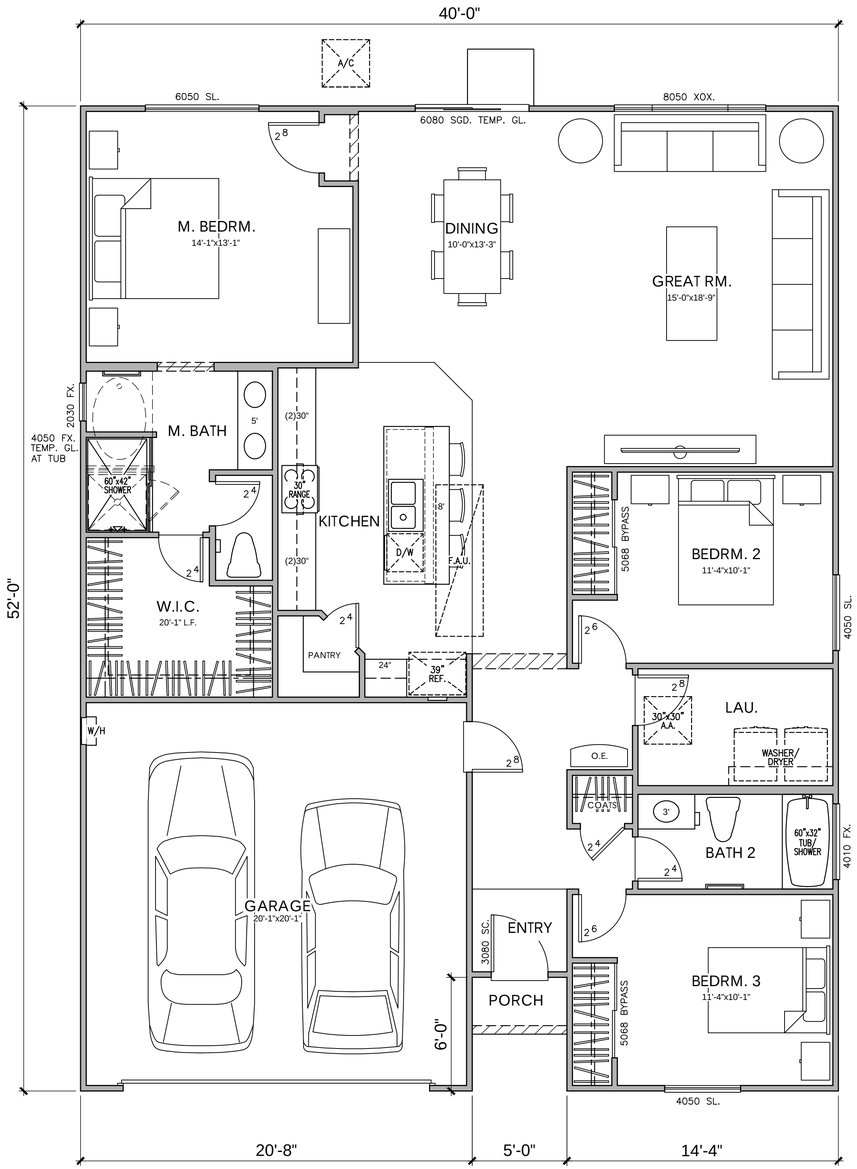
LANDSCAPE IMAGERY & DETAILS
CONCEPTUAL LANDSCAPE PLAN
JUNE 2019

vanderToolen Associates
855 Bordeaux Way
Suite 240
Napa, CA 94558

tel: 707.224.2299
www.vandertoolen.com

L-3
Project No. 10618

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FLOOR PLAN

PLAN 1

3 BEDROOM, 2 BATH

PLAN 1-40R
AREA TABULATION

CONDITIONED SPACE	
FLOOR AREA	1,631 SQ. FT.
TOTAL DWELLING	1,631 SQ. FT.
UNCONDITIONED SPACE	
GARAGE	419 SQ. FT.
PORCH	15 SQ. FT.
PORCH "E"	30 SQ. FT.

0 2 4 8 12

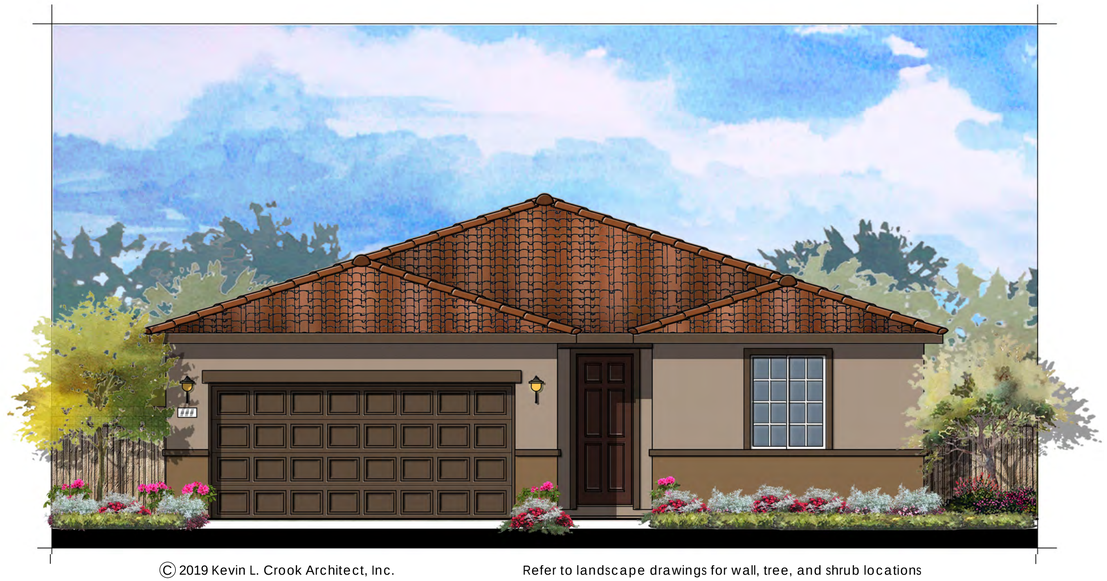
Meritage Homes LIVE.NOW. MOVE SOONER. LIVE BETTER. WHY WAIT?

the Vines at oakley
OAKLEY, CA

#18103
07/15/19

A-2

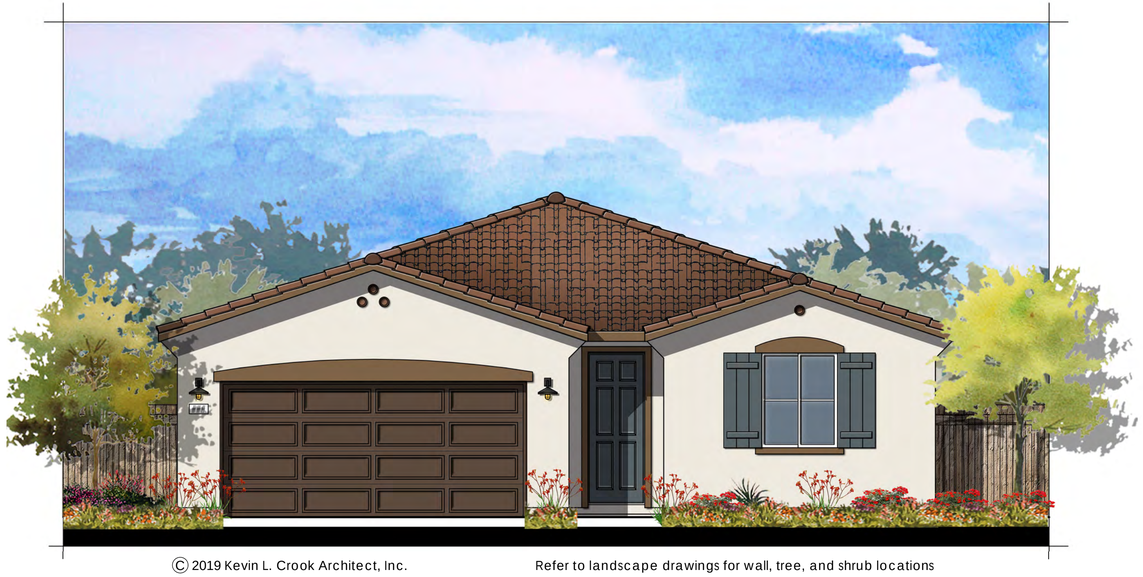
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PLANNING + ARCHITECTURE



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"A" - SPANISH

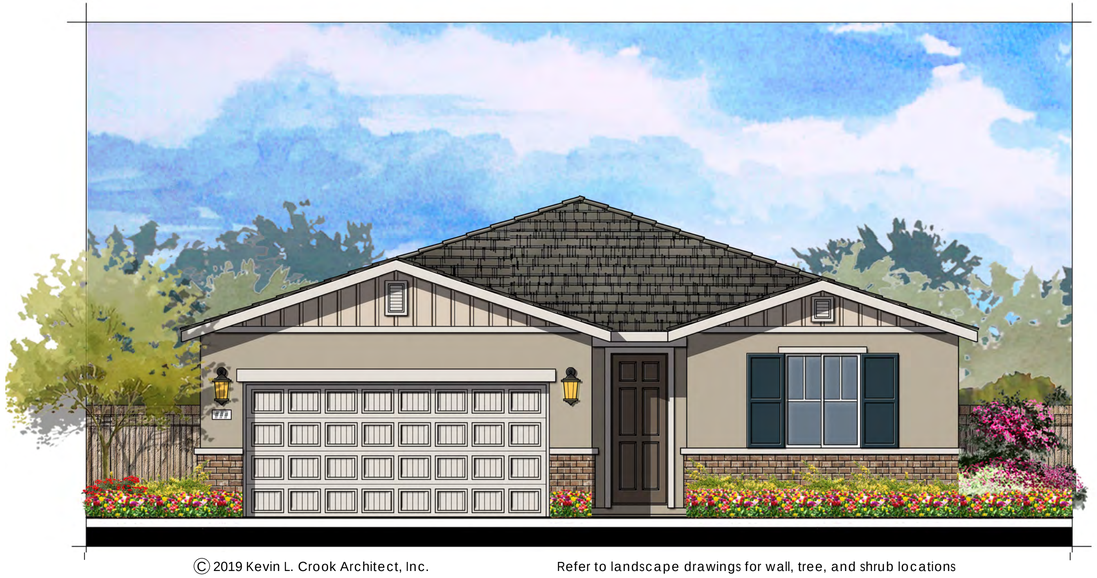
COLOR SCHEME 9



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"B" - SANTA BARBARA

COLOR SCHEME 1



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"C" - FARMHOUSE

COLOR SCHEME 5

PLAN 1

FRONT ELEVATIONS

Meritage Homes

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the Vines at oakley

OAKLEY, CA

0 2 4 8 12

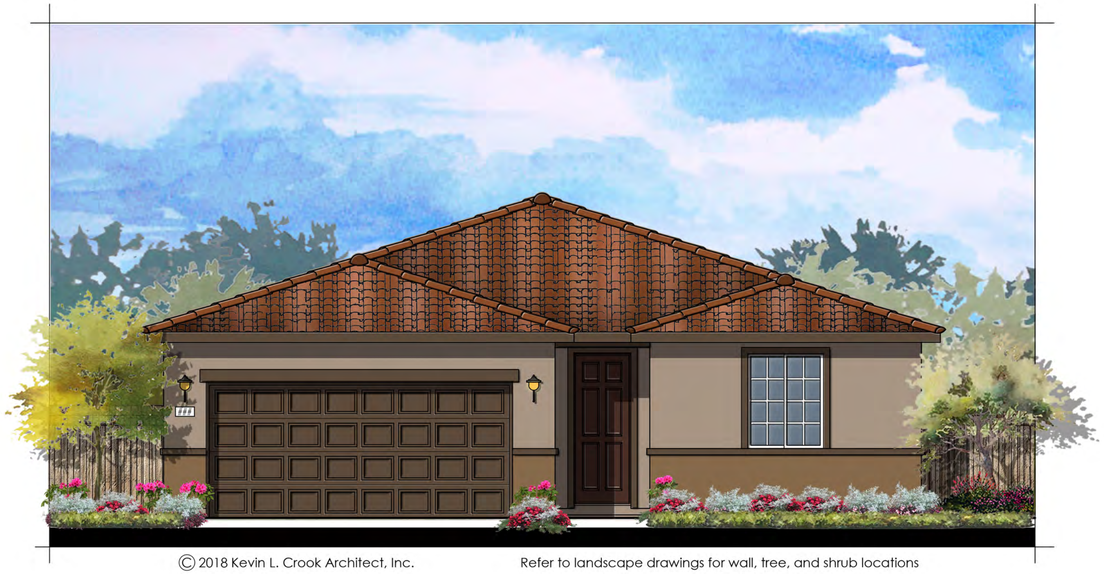
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A-3

Kevin L. Crook Architect Inc 1048

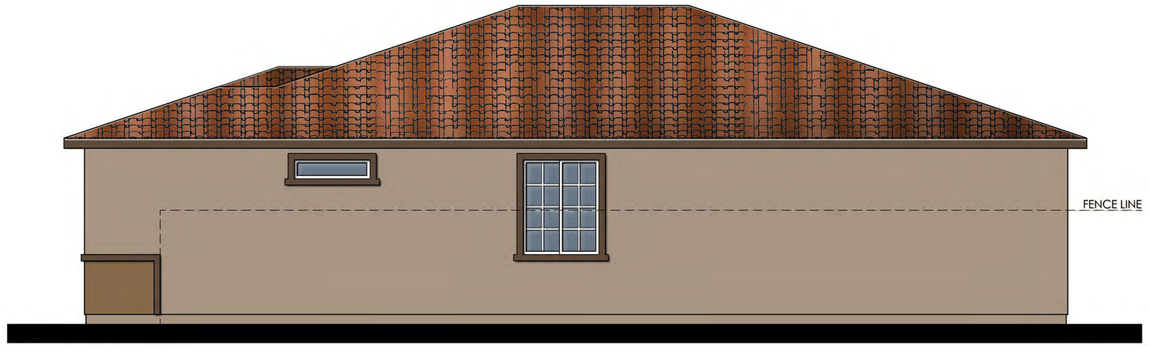
PLANNING + ARCHITECTURE



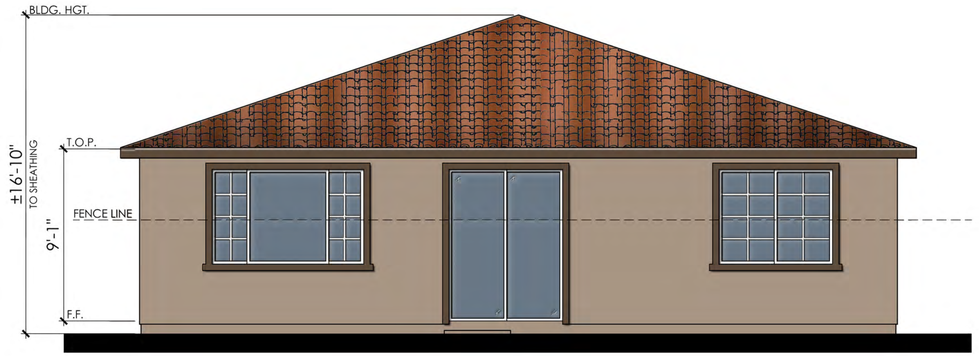
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Refer to landscape drawings for wall, tree, and shrub locations

FRONT



RIGHT

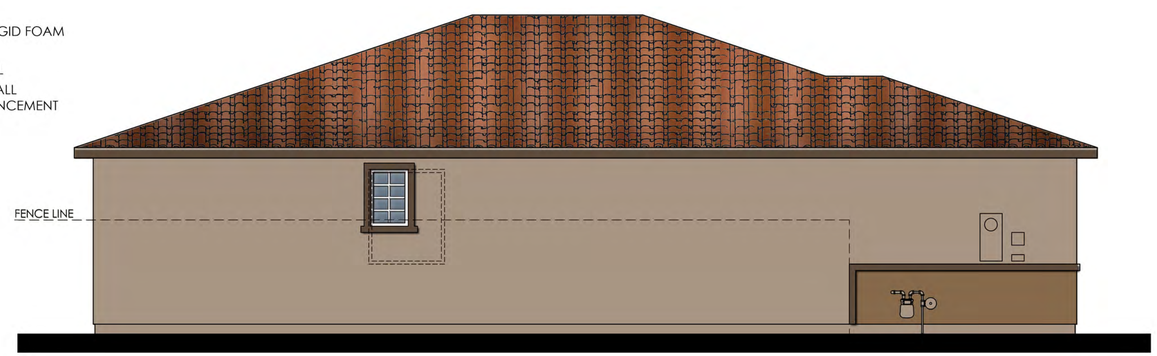


REAR

MATERIALS LEGEND

ROOF:	CONCRETE "S" TILE
FASCIA:	2x6 WOOD
BARGE:	2x6 WOOD
WALL:	STUCCO
WINDOWS:	VINYL
TRIM:	STUCCO OVER RIGID FOAM
FRONT DOOR:	FIBERGLASS
GARAGE DOOR:	METAL SECTIONAL

WINDOW TRIM SHOWN DASHED SHALL OCCUR ON LOTS REQUIRING ENHANCEMENT



LEFT

COLOR SCHEME 1

PLAN 1-"A"

SPANISH ELEVATION

0 2 4 8 12

Meritage Homes

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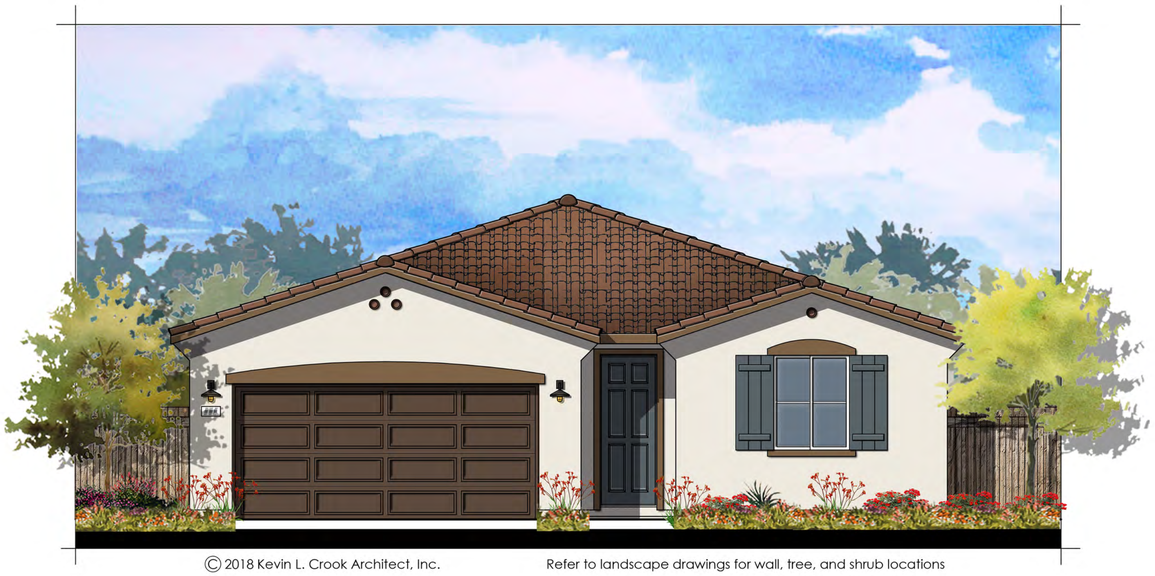
the Vines at oakley

OAKLEY, CA

#18103
07/15/19

A-4

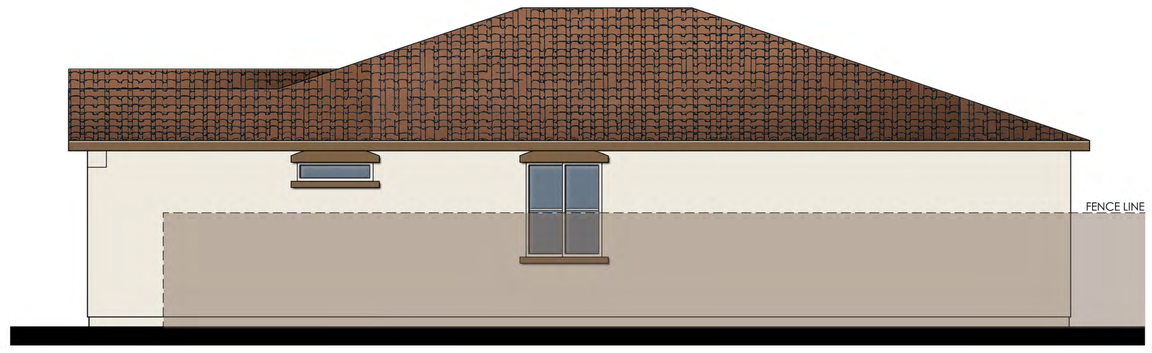
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PLANNING + ARCHITECTURE



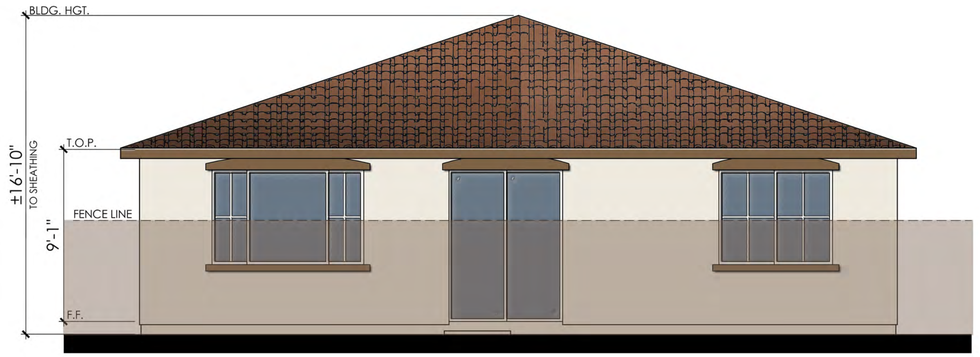
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Refer to landscape drawings for wall, tree, and shrub locations

FRONT



RIGHT

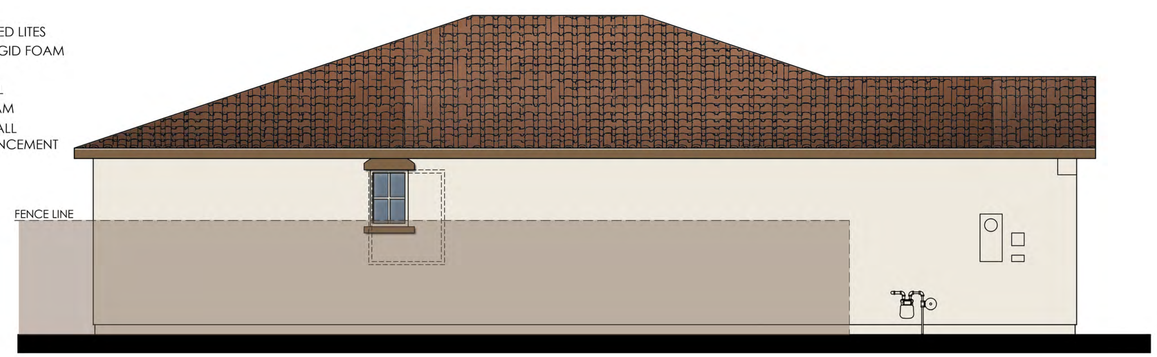


REAR

MATERIALS LEGEND

ROOF:	CONCRETE "S" TILE
FASCIA:	2x6 WOOD
BARGE:	2x6 WOOD
GABLE:	CLAY PIPES
WALL:	STUCCO
WINDOWS:	VINYL WITH DIVIDED LITES
TRIM:	STUCCO OVER RIGID FOAM
FRONT DOOR:	FIBERGLASS
GARAGE DOOR:	METAL SECTIONAL
SHUTTERS:	DECORATIVE FOAM

WINDOW TRIM SHOWN DASHED SHALL OCCUR ON LOTS REQUIRING ENHANCEMENT



LEFT

COLOR SCHEME 5

PLAN 1-"B"

SANTA BARBARA ELEVATION

0 2 4 8 12

Meritage Homes

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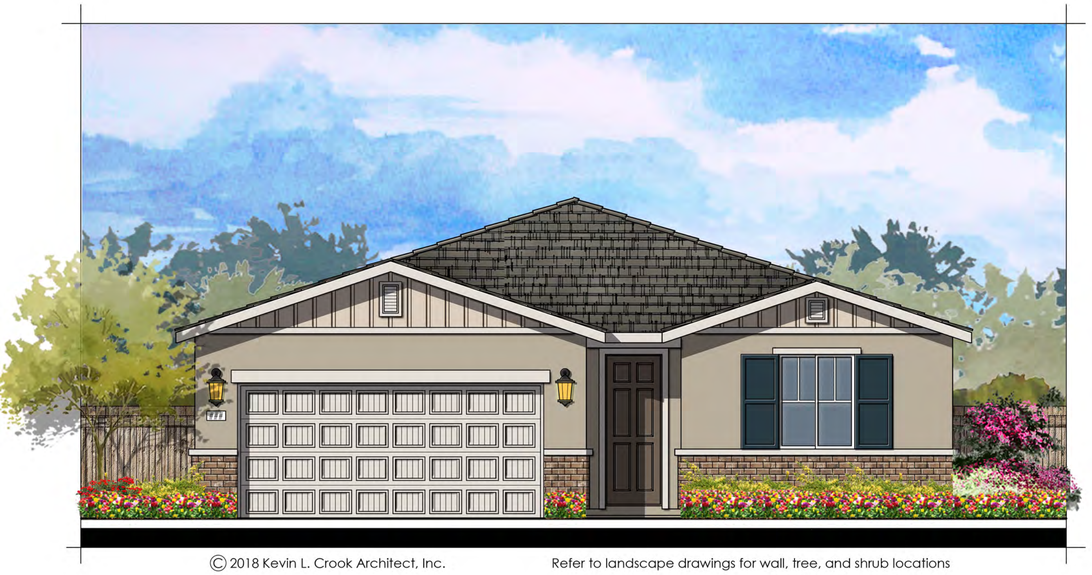
the Vines at oakley

OAKLEY, CA

#18103
07/15/19

A-5

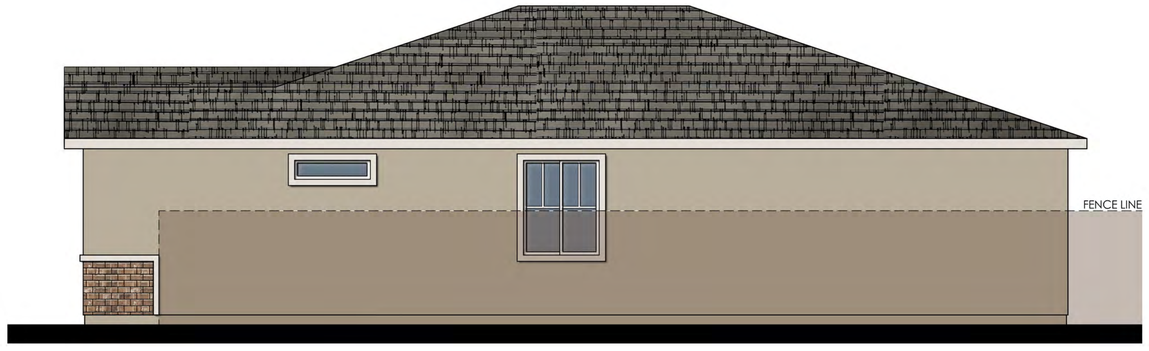
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Refer to landscape drawings for wall, tree, and shrub locations

FRONT



RIGHT

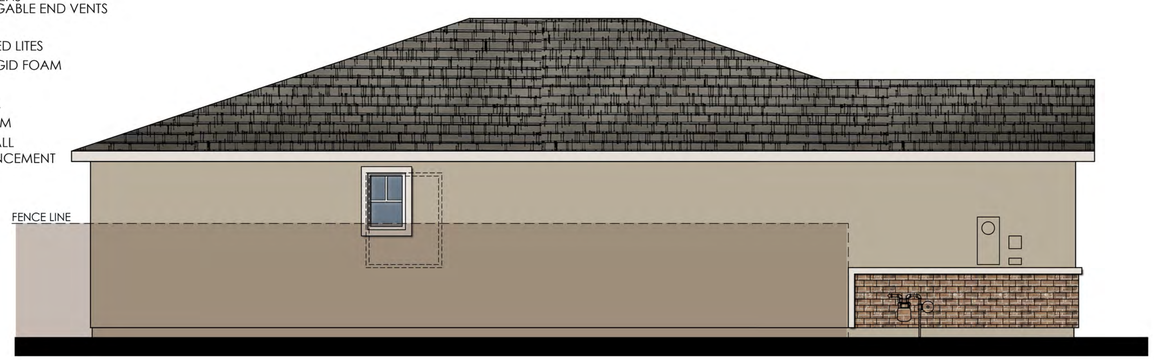


REAR

MATERIALS LEGEND

ROOF:	CONCRETE FLAT TILE
FASCIA:	2x6 WOOD
BARGE:	2x6 WOOD
GABLE:	BOARD AND BATTENS W/ DECORATIVE GABLE END VENTS
WALL:	STUCCO
WINDOWS:	VINYL WITH DIVIDED LITES
TRIM:	STUCCO OVER RIGID FOAM
FRONT DOOR:	FIBERGLASS
GARAGE DOOR:	METAL SECTIONAL
SHUTTERS:	DECORATIVE FOAM

WINDOW TRIM SHOWN DASHED SHALL OCCUR ON LOTS REQUIRING ENHANCEMENT



LEFT

COLOR SCHEME 9

PLAN 1-"C"

FARMHOUSE ELEVATION

0 2 4 8 12

Meritage Homes

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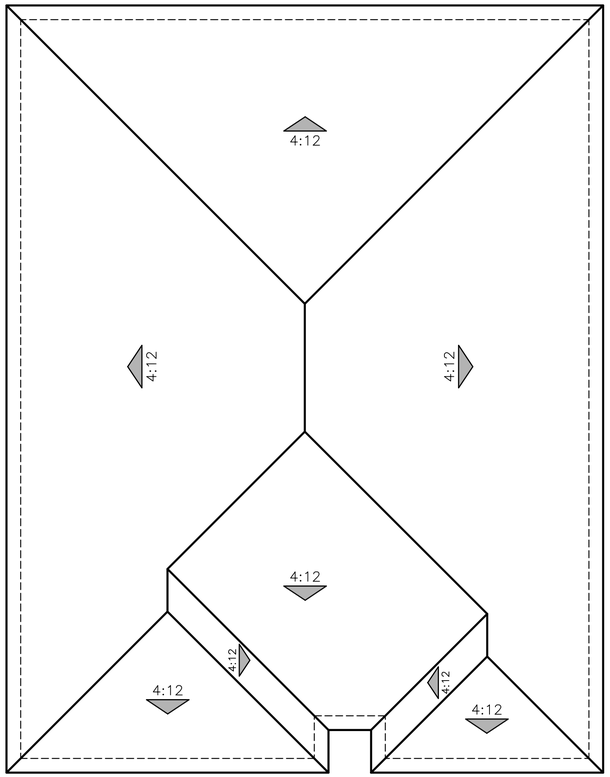
the Vines at oakley

OAKLEY, CA

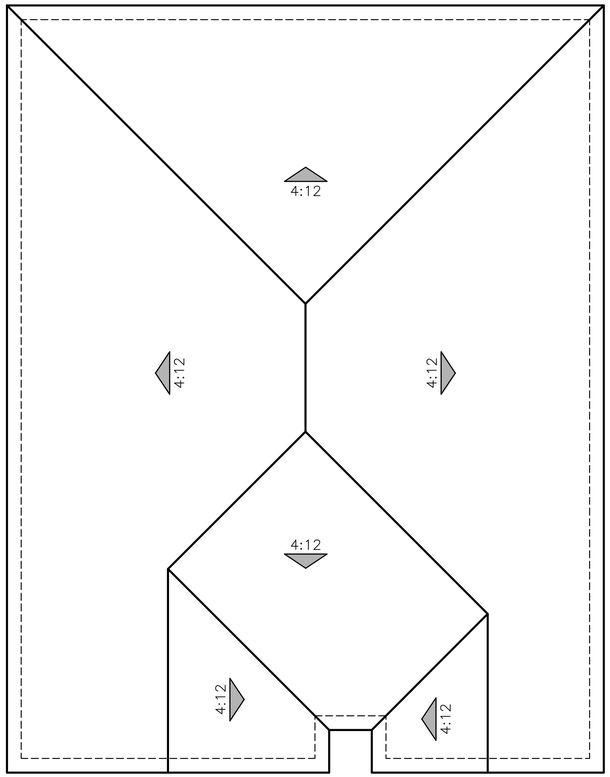
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07/15/19

A-6

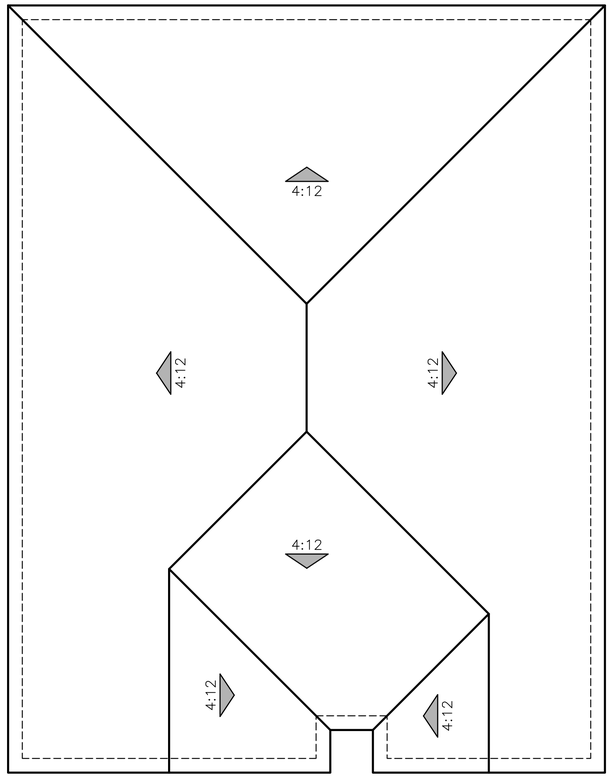
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PLANNING + ARCHITECTURE



"A" - SPANISH



"B" - SANTA BARBARA



"C" - FARMHOUSE

ROOF PLANS

PLAN 1

0 2 4 8 12

Meritage Homes LiVE.NOW. MOVE SOONER. LIVE BETTER. WHY WAIT?

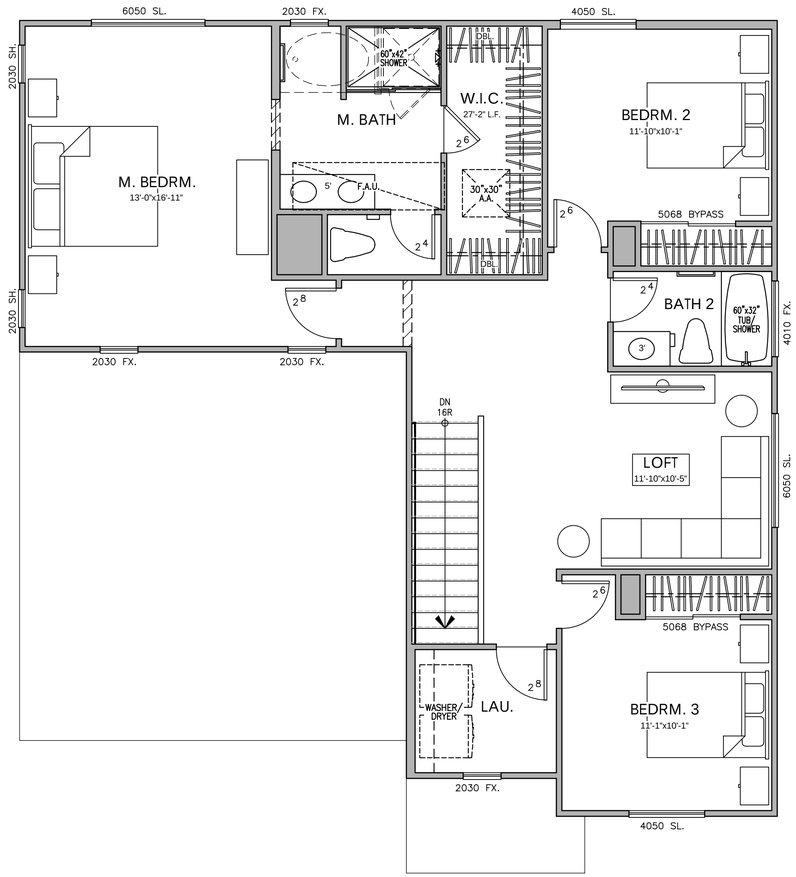
the Vines at oakley

OAKLEY, CA

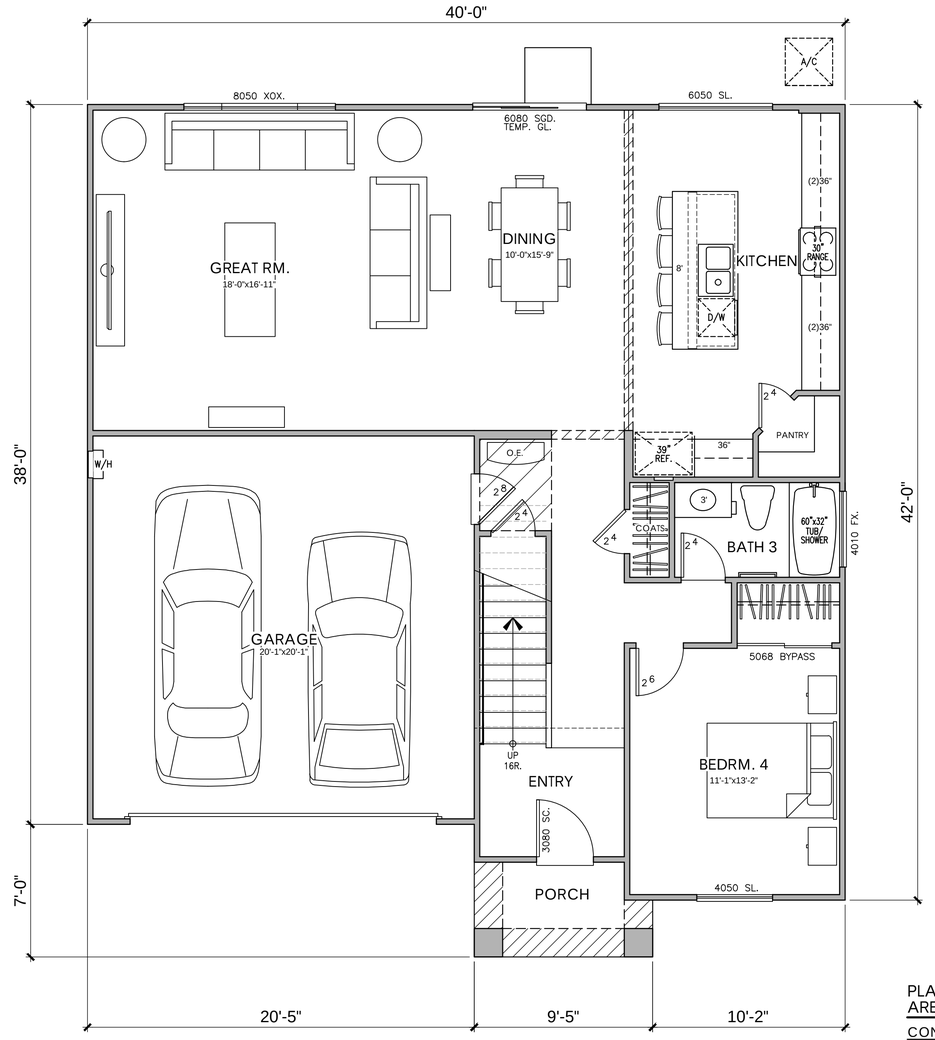
#18103
07/15/19

A-7

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PLANNING + ARCHITECTURE



SECOND FLOOR PLAN



FIRST FLOOR PLAN

PLAN 3-40T
AREA TABULATION

CONDITIONED SPACE	
FIRST FLOOR AREA	1,164 SQ. FT.
SECOND FLOOR AREA	1,119 SQ. FT.
TOTAL DWELLING	2,283 SQ. FT.
UNCONDITIONED SPACE	
GARAGE	419 SQ. FT.
PORCH	44 SQ. FT.

PLAN 2
4 BEDROOM, 3 BATH, LOFT

0 2 4 8 12

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A-8

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"A" - SPANISH

COLOR SCHEME 3

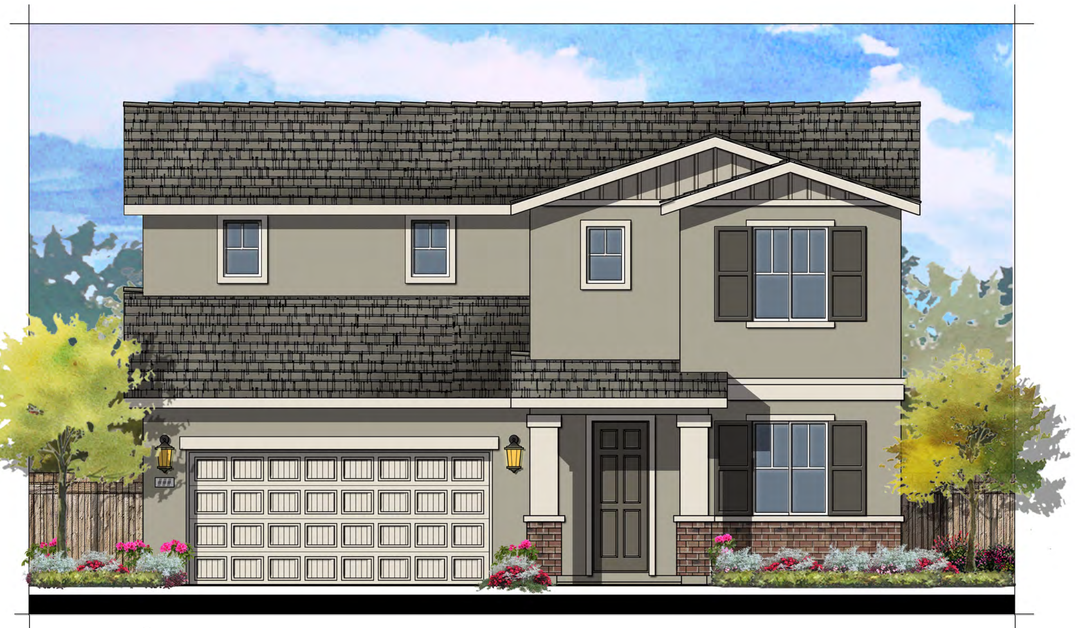


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Refer to landscape drawings for wall, tree, and shrub locations

"B" - SANTA BARBARA

COLOR SCHEME 4



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Refer to landscape drawings for wall, tree, and shrub locations

"C" - FARMHOUSE

COLOR SCHEME 7

PLAN 2

FRONT ELEVATIONS

the Vines at oakley

OAKLEY, CA

Meritage Homes

LIVE.NOW. MOVE SOONER. LIVE BETTER. WHY WAIT?

0 2 4 8 12

#18103

07/15/19

A-9

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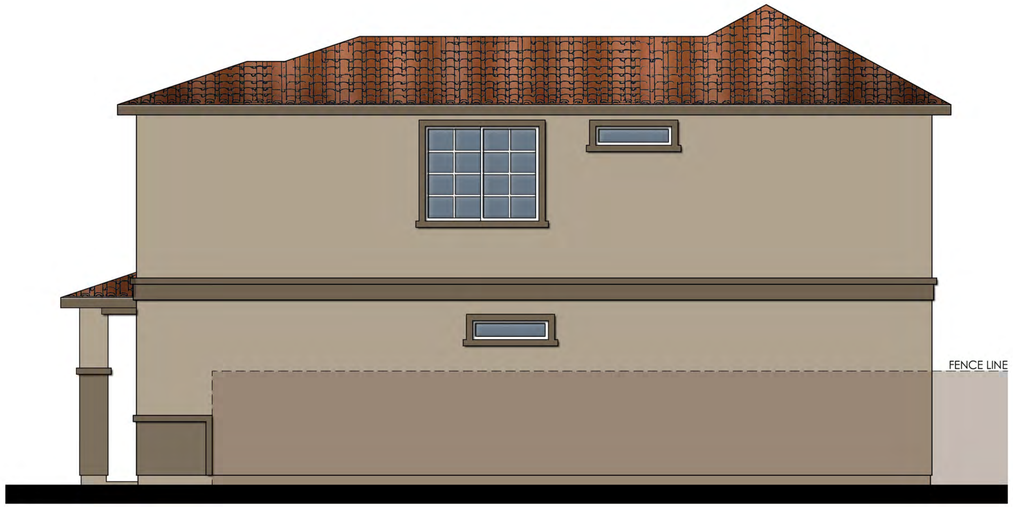
1054



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Refer to landscape drawings for wall, tree, and shrub locations

FRONT



RIGHT



REAR

MATERIALS LEGEND

ROOF:	CONCRETE "S" TILE
FASCIA:	2x6 WOOD
BARGE:	2x6 WOOD
WALL:	STUCCO
WINDOWS:	VINYL
TRIM:	STUCCO OVER RIGID FOAM
FRONT DOOR:	FIBERGLASS
GARAGE DOOR:	METAL SECTIONAL

WINDOW TRIM SHOWN DASHED SHALL OCCUR ON LOTS REQUIRING ENHANCEMENT



LEFT

COLOR SCHEME 3

PLAN 2-"A"

SPANISH ELEVATION

0 2 4 8 12

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the Vines at oakley

OAKLEY, CA

#18103
07/15/19

A-10

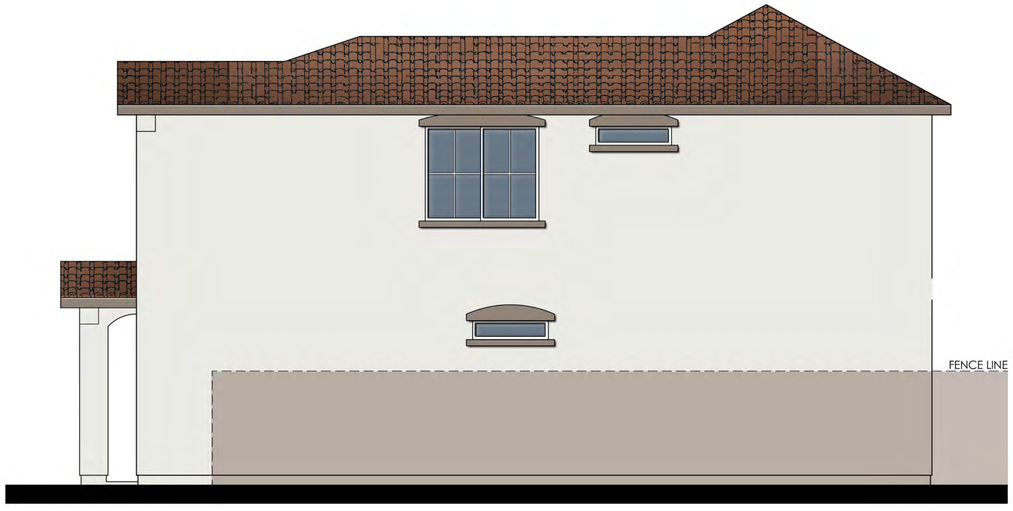
Kevin L. Crook Architect Inc 1055
PLANNING + ARCHITECTURE



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Refer to landscape drawings for wall, tree, and shrub locations

FRONT



RIGHT



REAR

MATERIALS LEGEND

ROOF:	CONCRETE "S" TILE
FASCIA:	2x6 WOOD
BARGE:	2x6 WOOD
GABLE:	CLAY PIPES
WALL:	STUCCO
WINDOWS:	VINYL WITH DIVIDED LITES
TRIM:	STUCCO OVER RIGID FOAM
FRONT DOOR:	FIBERGLASS
GARAGE DOOR:	METAL SECTIONAL
SHUTTERS:	DECORATIVE FOAM

WINDOW TRIM SHOWN DASHED SHALL OCCUR ON LOTS REQUIRING ENHANCEMENT



LEFT

COLOR SCHEME 4

PLAN 2-"B"

SANTA BARBARA ELEVATION

0 2 4 8 12

Meritage Homes

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the Vines at oakley

OAKLEY, CA

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07/15/19

A-11

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Refer to landscape drawings for wall, tree, and shrub locations

FRONT



RIGHT

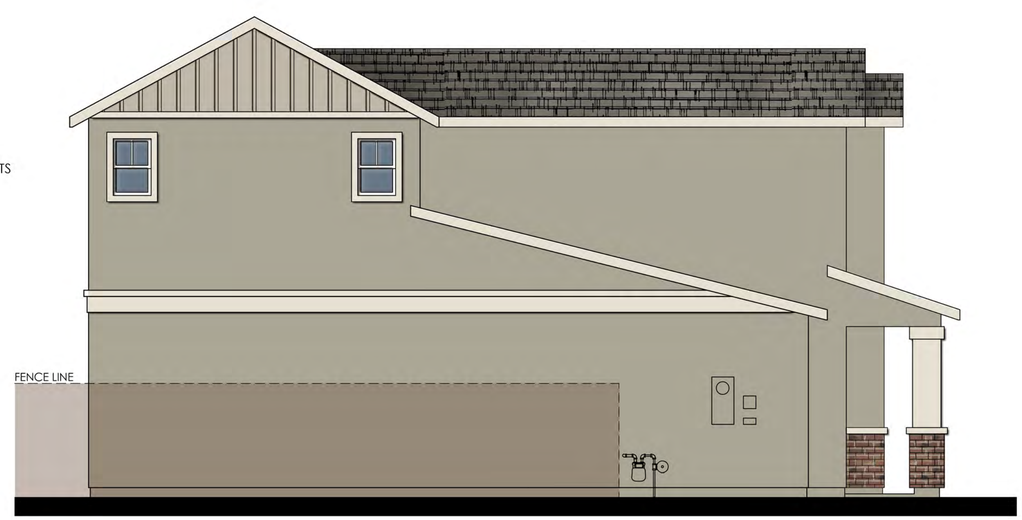


REAR

MATERIALS LEGEND

ROOF:	CONCRETE FLAT TILE
FASCIA:	2x6 WOOD
BARGE:	2x6 WOOD
GABLE:	BOARD AND BATTENS W/ DECORATIVE GABLE END VENTS
WALL:	STUCCO
WINDOWS:	VINYL WITH DIVIDED LITES
TRIM:	STUCCO OVER RIGID FOAM
FRONT DOOR:	FIBERGLASS
GARAGE DOOR:	METAL SECTIONAL
SHUTTERS:	DECORATIVE FOAM

WINDOW TRIM SHOWN DASHED SHALL OCCUR ON LOTS REQUIRING ENHANCEMENT



LEFT

COLOR SCHEME 7

PLAN 2-"C"

FARMHOUSE ELEVATION

0 2 4 8 12

Meritage Homes

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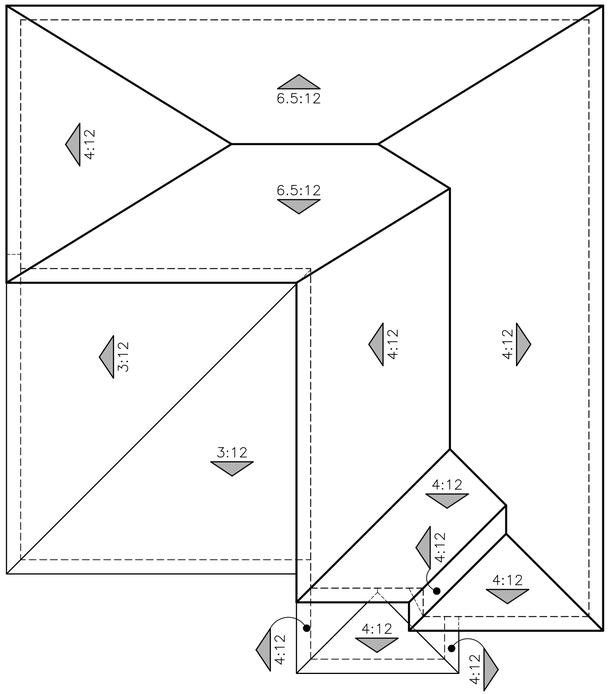
the Vines at oakley

OAKLEY, CA

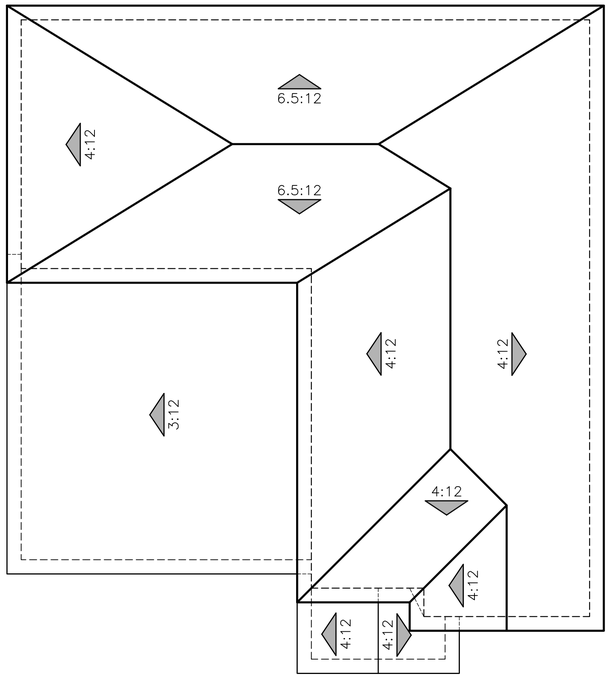
#18103
07/15/19

A-12

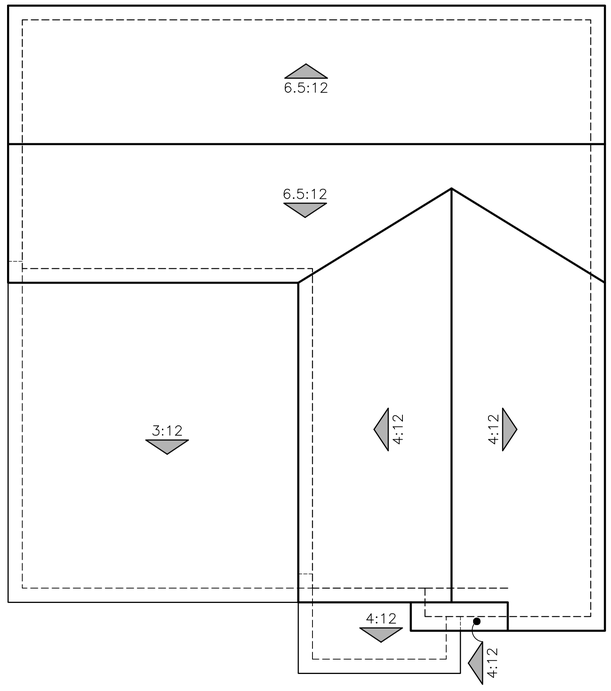
Kevin L. Crook Architect Inc 1057
PLANNING + ARCHITECTURE



"A" - SPANISH



"B" - SANTA BARBARA



"C" - FARMHOUSE

ROOF PLANS

PLAN 2

0 2 4 8 12

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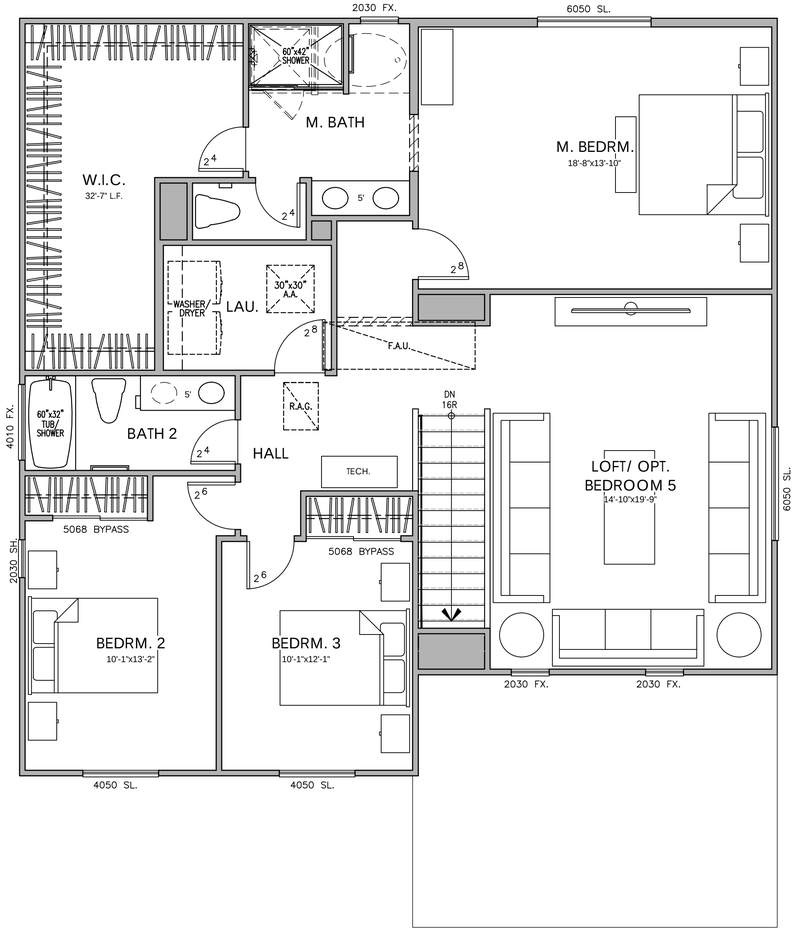
the Vines at oakley

OAKLEY, CA

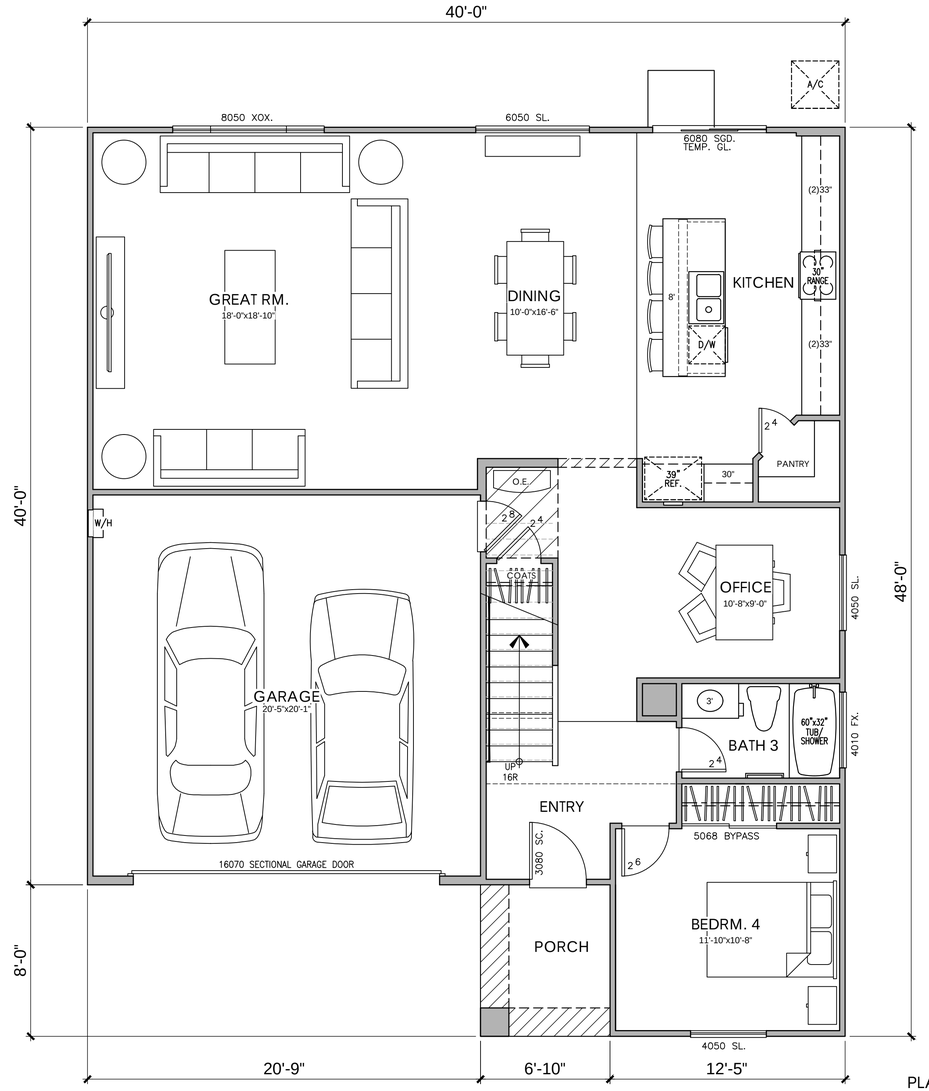
#18103
07/15/19

A-13

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SECOND FLOOR PLAN



FIRST FLOOR PLAN

PLAN 5-40T
AREA TABULATION

CONDITIONED SPACE	
FIRST FLOOR AREA	1,272 SQ. FT.
SECOND FLOOR AREA	1,449 SQ. FT.
TOTAL DWELLING	2,721 SQ. FT.
UNCONDITIONED SPACE	
GARAGE	427 SQ. FT.
PORCH	55 SQ. FT.

PLAN 3

4 BEDROOM, 3 BATH, OFFICE, OPT. BEDROOM 5

0 2 4 8 12

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07/15/19

A-14

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Refer to landscape drawings for wall, tree, and shrub locations

"A" - SPANISH

COLOR SCHEME 2



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Refer to landscape drawings for wall, tree, and shrub locations

"B" - SANTA BARBARA

COLOR SCHEME 6



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Refer to landscape drawings for wall, tree, and shrub locations

"C" - FARMHOUSE

COLOR SCHEME 8

PLAN 3

FRONT ELEVATIONS

the Vines at oakley

OAKLEY, CA

Meritage Homes

LiVE.NOW.

MOVE SOONER. LIVE BETTER. WHY WAIT?

0 2 4 8 12

#18103

07/15/19

A-15

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PLANNING + ARCHITECTURE



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Refer to landscape drawings for wall, tree, and shrub locations

FRONT



RIGHT



REAR

MATERIALS LEGEND

ROOF:	CONCRETE "S" TILE
FASCIA:	2x6 WOOD
BARGE:	2x6 WOOD
WALL:	STUCCO
WINDOWS:	VINYL
TRIM:	STUCCO OVER RIGID FOAM
FRONT DOOR:	FIBERGLASS
GARAGE DOOR:	METAL SECTIONAL

WINDOW TRIM SHOWN DASHED SHALL OCCUR ON LOTS REQUIRING ENHANCEMENT



LEFT

COLOR SCHEME 2

PLAN 3-"A"

SPANISH ELEVATION

0 2 4 8 12

Meritage Homes

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the Vines at oakley

OAKLEY, CA

#18103
07/15/19

A-16

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PLANNING + ARCHITECTURE



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Refer to landscape drawings for wall, tree, and shrub locations

FRONT



RIGHT



REAR

MATERIALS LEGEND

ROOF:	CONCRETE "S" TILE
FASCIA:	2x6 WOOD
BARGE:	2x6 WOOD
GABLE:	CLAY PIPES
WALL:	STUCCO
WINDOWS:	VINYL WITH DIVIDED LITES
TRIM:	STUCCO OVER RIGID FOAM
FRONT DOOR:	FIBERGLASS
GARAGE DOOR:	METAL SECTIONAL
SHUTTERS:	DECORATIVE FOAM

WINDOW TRIM SHOWN DASHED SHALL OCCUR ON LOTS REQUIRING ENHANCEMENT



LEFT

COLOR SCHEME 6

PLAN 3-"B"

SANTA BARBARA ELEVATION

0 2 4 8 12

Meritage Homes

LiVE.NOW. MOVE SOONER. LIVE BETTER. WHY WAIT?

the Vines at oakley

OAKLEY, CA

#18103
07/15/19

A-17

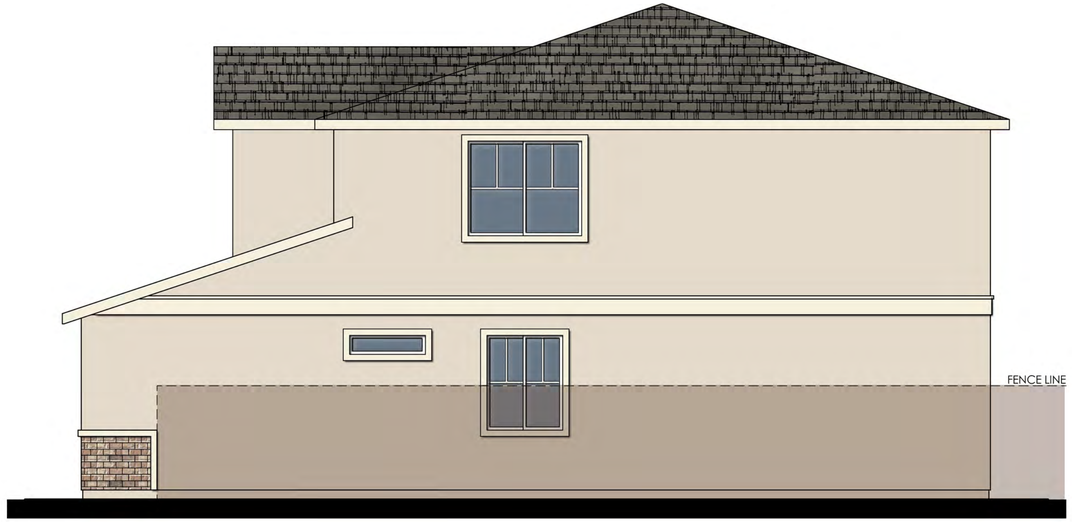
Kevin L. Crook Architect Inc 1062
PLANNING + ARCHITECTURE



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Refer to landscape drawings for wall, tree, and shrub locations

FRONT



RIGHT

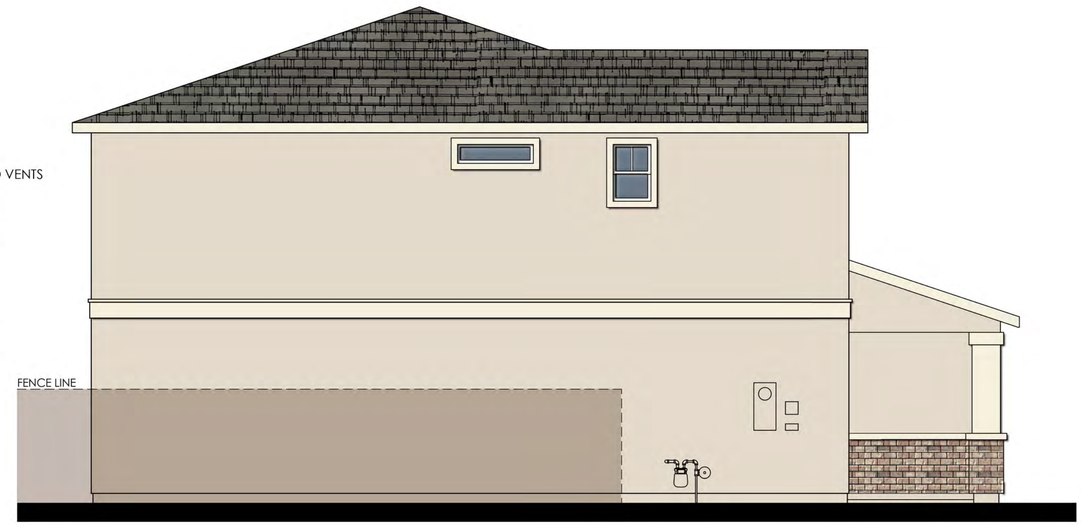


REAR

MATERIALS LEGEND

ROOF:	CONCRETE FLAT TILE
FASCIA:	2x6 WOOD
BARGE:	2x6 WOOD
GABLE:	BOARD AND BATTENS W/ DECORATIVE GABLE END VENTS
WALL:	STUCCO
WINDOWS:	VINYL WITH DIVIDED LITES
TRIM:	STUCCO OVER RIGID FOAM
FRONT DOOR:	FIBERGLASS
GARAGE DOOR:	METAL SECTIONAL
SHUTTERS:	DECORATIVE FOAM

WINDOW TRIM SHOWN DASHED SHALL OCCUR ON LOTS REQUIRING ENHANCEMENT



LEFT

COLOR SCHEME 8

PLAN 3-"C"

FARMHOUSE ELEVATION

0 2 4 8 12

Meritage Homes

LiVE.NOW. MOVE SOONER. LIVE BETTER. WHY WAIT?

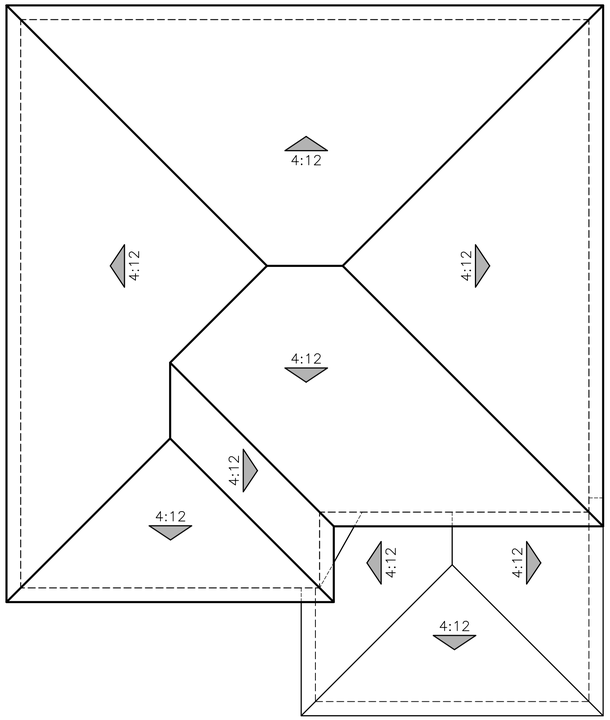
the Vines at oakley

OAKLEY, CA

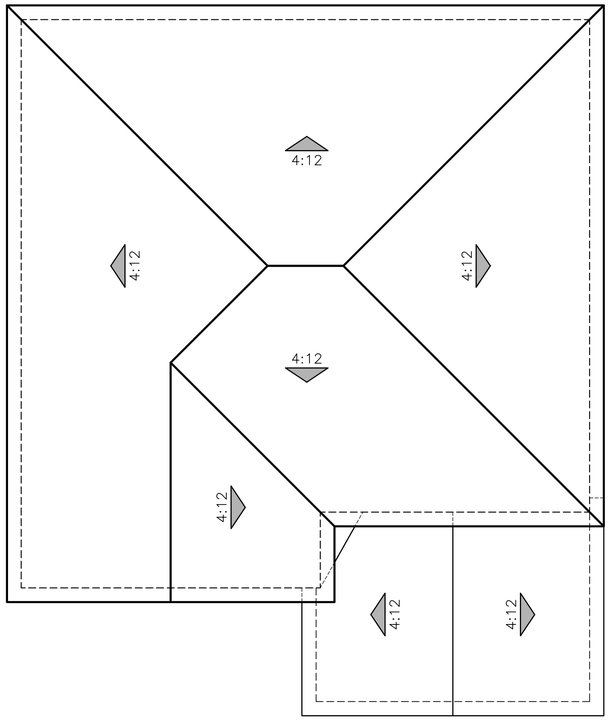
#18103
07/15/19

A-18

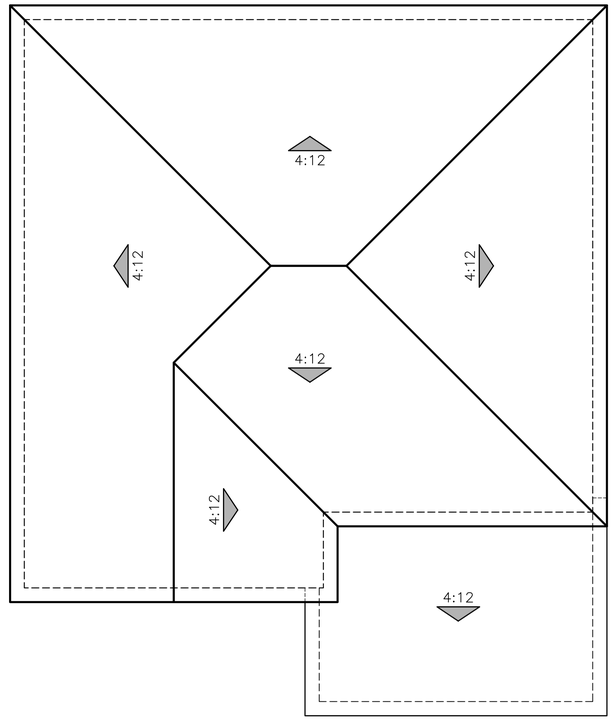
Kevin L. Crook Architect Inc 1063
PLANNING + ARCHITECTURE



"A" - SPANISH



"B" - SANTA BARBARA



"C" - FARMHOUSE

ROOF PLANS

PLAN 3

0 2 4 8 12

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the Vines at oakley

OAKLEY, CA

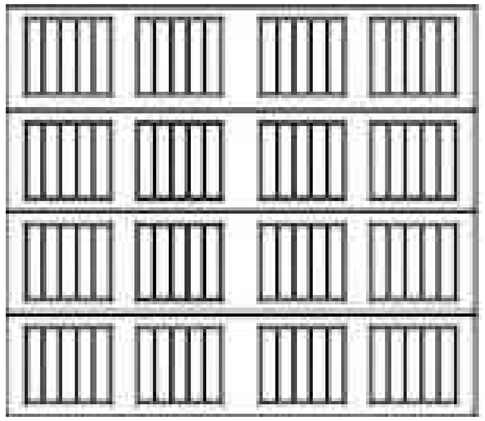
#18103
07/15/19

A-19

Kevin L. Crook Architect Inc 1064
PLANNING + ARCHITECTURE



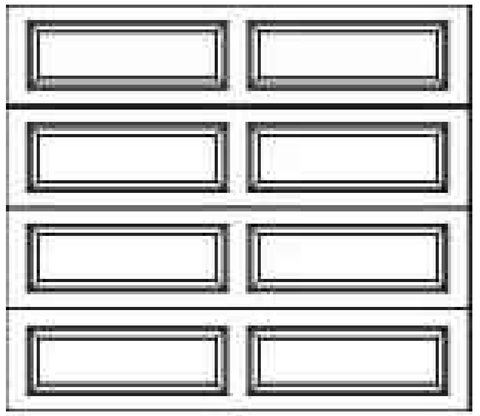
ELEVATION "C"



ELEVATION "C"



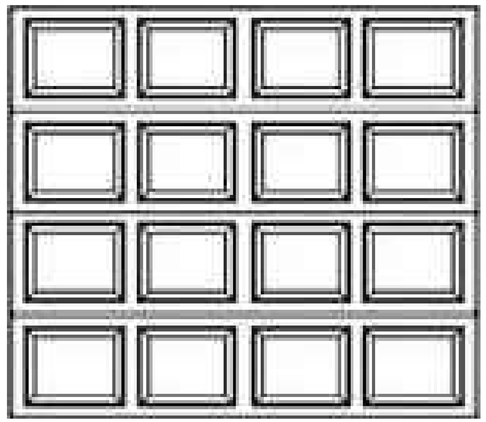
ELEVATION "B"



ELEVATION "B"



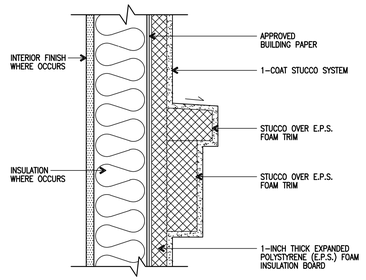
ELEVATION "A"
EXTERIOR LIGHTING



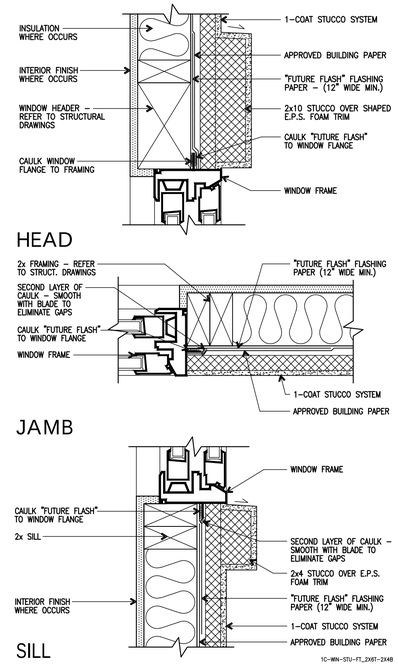
ELEVATION "A"
GARAGE DOORS



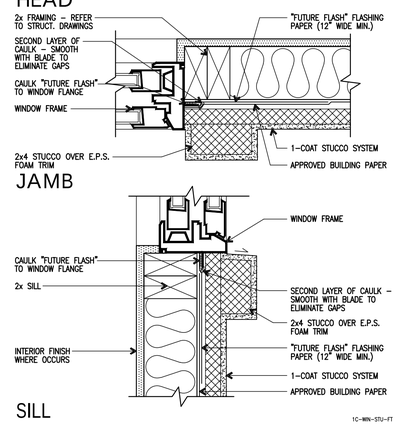
ALL ELEVATIONS
FRONT DOORS



STUCCO TRIM BAND
TYPICAL BELLY BAND



WINDOW W/ FOAM TRIM
TYPICAL "B" WINDOW TRIM



WINDOW W/ FOAM TRIM
TYPICAL "A" & "C" WINDOW TRIM

THE VINES AT OAKLEY II

OAKLEY, CA

PROJECT	#18103
CREATED	12/5/2018
Roof Double Spec per Client	12/12/2018
Client Revisions	4/24/2019

STUCCO:	OMEGA
PAINT:	SHERWIN WILLIAMS
ROOF:	EAGLE
ROOF ALT:	BORAL
BRICK:	BORAL

"A" ELEVATIONS SPANISH COLONIAL		SCHEME 1	SCHEME 2	SCHEME 3
STUCCO PAINT BODY		1617	1605	1627
STUCCO PAINT MATCH***		SW6087 - TRUSTY TAN	SW9173 - SHIITAKE	SW7038 - TONY TAUPE
SECONDARY STUCCO		SW6095 TOASTY	SW7032 WARM STONE	SW7039 VIRTUAL TAUPE
FASCIA / TRIM		SW6083 SABLE	SW7054 SUITABLE BROWN	SW7040 SMOKEHOUSE
GARAGE DOOR		SW6083 SABLE	SW7026 GRIFFIN	SW7041 VAN DYKE BROWN
FRONT DOOR / SHUTTERS		SW9182 ROJO MARRON	SW7625 MOUNT ETNA	SW2846 ROYCROFT BRNZ GRN
ROOF: "S" TILE MALIBU		2645 SUNRISE BLEND	2645 SUNRISE BLEND	SW2645 SUNRISE BLEND
BORAL MATCH: LOW PROF "S" VILLA		1VICS6169 CASA GRANDE BLEND	1VICS6169 CASA GRANDE BLEND	1VICS6169 CASA GRANDE BLEND

"B" ELEVATIONS SANTA BARBARA		SCHEME 4	SCHEME 5	SCHEME 6
STUCCO PAINT BODY		1572	5/8 A 668	1627
STUCCO PAINT MATCH***		SW7757 HIGH REFLECTIVE WT	SW7001 MARSHMALLOW	SW7038 TONY TAUPE
FASCIA / TRIM		SW6074 SPALDING GRAY	SW2806 ROOKWOOD BROWN	SW7040 SMOKEHOUSE
GARAGE DOOR		SW6075 GARRET GRAY	SW2808 RKWD DARK BROWN	SW7040 SMOKEHOUSE
FRONT DOOR / SHUTTERS		SW9125 OLIVIA OSCURO	SW6236 GRAY'S HARBOR	SW2839 ROYCROFT COPPER RED
GABLE END DETAIL		SW6061 TANBARK	SW6061 TANBARK	SW6061 TANBARK
ROOF: "S" TILE MALIBU		SMM8816 SAN GABRIEL BLEND	SMM8816 SAN GABRIEL BLEND	SMM8816 SAN GABRIEL BLEND
BORAL MATCH: LOW PROF "S" VILLA		1VICS5537 PUEBLO SIENNA BLD	1VICS5537 PUEBLO SIENNA BLD	1VICS5537 PUEBLO SIENNA BLD

"C" ELEVATIONS FARMHOUSE		SCHEME 7	SCHEME 8	SCHEME 9
STUCCO PAINT BODY		1577	1502	1527
STUCCO PAINT MATCH***		SW7052 - GRAY AREA	SW7571 - CASA BLANCA	SW7037 - BALANCED BEIGE
BOARD & BATTEN SIDING		SW7044 AMAZING GRAY	SW9117 URBAN JUNGLE	SW7517 CHINA DOLL
FASCIA / TRIM / GARAGE DOOR		SW7042 SOJI WHITE	SW7105 PAPERWHITE	SW7028 INCREDIBLE WHITE
FRONT DOOR		SW7047 PORPOISE	SW7054 SUITABLE BROWN	SW7515 HOMESTEAD BROWN
SHUTTERS		SW7645 THUNDER GRAY	SW7061 NIGHT OWL	SW6237 DARK NIGHT
ROOF: FLAT SHAKE PONDEROSA		SCP 8802 NANTUCKET BLEND	SCP 8802 NANTUCKET BLEND	SCP 8802 NANTUCKET BLEND
BORAL MATCH: (FLAT) SHAKE		1FBCF5225 DARK ASH	1FBCF5225 DARK ASH	1FBCF5225 DARK ASH
BRICK:		OLD GUIGNARD	ALAMO	SANDY CREEK

*ACCENT TO BE USED ON FRONT DOORS, SHUTTERS.

Meritage Homes

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SPANISH COLONIAL

SCHEME #1



MLC Holdings, Inc.
#18103
APR. 25, 2019

THE VINES AT OAKLEY II
OAKLEY, CA

Kevin L. Crook Architect Inc
PLANNING + ARCHITECTURE

SPANISH COLONIAL

SCHEME #2



MLC Holdings, Inc.
#18103
APR. 25, 2019

THE VINES AT OAKLEY II
OAKLEY, CA

Kevin L. Crook Architect Inc
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SPANISH COLONIAL

SCHEME #3



MLC Holdings, Inc.
#18103
APR. 25, 2019

THE VINES AT OAKLEY II
OAKLEY, CA

Kevin L. Crook Architect Inc
PLANNING + ARCHITECTURE

SANTA BARBARA

SCHEME #4



MLC Holdings, Inc.
#18103
APR. 25, 2019

THE VINES AT OAKLEY II
OAKLEY, CA

Kevin L. Crook Architect Inc
PLANNING + ARCHITECTURE

SANTA BARBARA

SCHEME #5



MLC Holdings, Inc.
#18103
APR. 25, 2019

THE VINES AT OAKLEY II
OAKLEY, CA

Kevin L. Crook Architect Inc
PLANNING + ARCHITECTURE

SANTA BARBARA

SCHEME #6



MLC Holdings, Inc.
#18103
APR. 25, 2019

THE VINES AT OAKLEY II
OAKLEY, CA

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FARMHOUSE

SCHEME #7



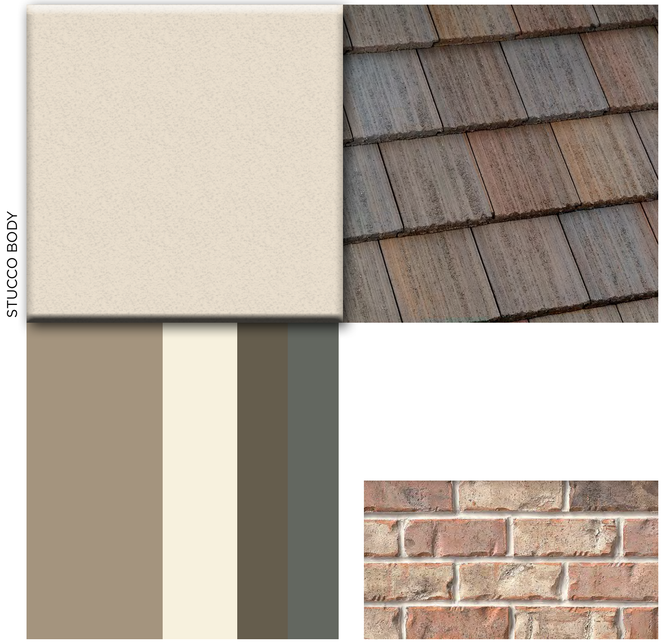
MLC Holdings, Inc.
#18103
APR. 25, 2019

THE VINES AT OAKLEY II
OAKLEY, CA

Kevin L. Crook Architect Inc
PLANNING + ARCHITECTURE

FARMHOUSE

SCHEME #8



MLC Holdings, Inc.
#18103
APR. 25, 2019

THE VINES AT OAKLEY II
OAKLEY, CA

Kevin L. Crook Architect Inc
PLANNING + ARCHITECTURE

FARMHOUSE

SCHEME #9



MLC Holdings, Inc.
#18103
APR. 25, 2019

THE VINES AT OAKLEY II
OAKLEY, CA

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PLANNING + ARCHITECTURE

Minutes of Oakley City Council/Oakley City Council Acting as the Successor Agency to the Oakley Redevelopment Agency and Special Meeting of the Oakley Public Financing Authority held September 25, 2018

1) OPENING MATTERS

1.1 Call to Order and Roll Call of the Oakley City Council/Oakley City Council Acting as the Successor Agency to the Oakley Redevelopment Agency/Oakley Public Financing Authority

Mayor Pope called the meeting to order at 6:30pm in the Oakley City Council Chambers located at 3231 Main Street, Oakley, California. In addition to Mayor Pope, Vice Mayor Claire Alaura and Councilmembers Doug Hardcastle, Kevin Romick and Sue Higgins were present.

1.2 Pledge of Allegiance to the Flag
(Dylan-Xavier Harris, Student at Vintage Parkway Elementary School)

Dylan-Xavier Harris, fourth grade student at Vintage Parkway Elementary School, led the Pledge of Allegiance.

The City Council thanked him.

1.3 Introduction and Swearing In Ceremony of Oakley Police Officer Tyler Horn
(Chris Thorsen, Chief of Police and Libby Vreonis, City Clerk)

Chief of Police Chris Thorsen introduced Officer Tyler Horn. He shared Officer Horn has served in the U.S. Marines, the Contra Costa Sheriff's Office and the City of Alameda Police Department.

City Clerk Libby Vreonis administered the Oath of Office to Officer Horn.

1.4 Proclamation Recognizing September 2018 as Suicide Prevention Month in Oakley
(Vanessa Perry)

On behalf of the City Council, Mayor Pope presented a proclamation recognizing September 2018 as Suicide Prevention Month in Oakley.

Members of the Out of the Darkness Walk, including former Councilmember Vanessa Perry, accepted the proclamation.

Mayor Pope mentioned the Out of the Darkness Walk will be held October 13, 2018, 9am-12pm (registration begins at 8am), at Cypress Grove Community Park in Oakley.

Not Applicable

ideas to share with staff. She also reported she attended the East Contra Costa Fire Protection District (ECCFPD) groundbreaking ceremony for the new fire station and questions regarding staffing being researched by ECCFPD. She also reported she attended the Freedom High School (FHS) homecoming parade and game; FHS won the game. She mentioned a player was injured and airlifted but she had heard by the next day the injury not very serious. She also reported she attended the freeway sign unveiling for Hayward Police Sergeant Scott Lunger who had ties to Oakley as a softball coach at FHS. She mentioned a portion of Highway 4 (from Laurel Road to Balfour Road) has been dedicated as a memorial in his memory.

Councilmember Hardcastle reported that the meeting he was supposed to attend was cancelled.

Councilmember Higgins reported that she attended almost all of the same events as Vice Mayor Alaura; however, she did not go to the ECCFPD groundbreaking ceremony due to work obligations. She mentioned she brought back a lapel pin from the League of California Cities' Annual Conference for the City Council.

Mayor Pope reported that he attended the ECCFPD groundbreaking, the honoring of fallen police Sergeant Scott Lunger, and the Heart of Oakley Festival.

(b) Requests for Future Agenda Items

Mayor Pope commented he would like to recognize a heroic act by a citizen at the next City Council meeting. He requested staff create a policy to recognize citizens. He also staff look into a CERT training program for Oakley residents only rather than a joint training with Brentwood.

Councilmember Higgins commented she requested a recognition program for citizens two months ago.

Councilmember Romick commented that there needs to be a set criteria for recognition of citizens. He suggested the Oakley Chamber of Commerce is more appropriate to identify people and businesses for Citizen of the Year as it is more involved with the business community; if the Chamber is interested in doing this as it has done in the past, the City could support it.

Councilmember Hardcastle commented that the new Oakley Recreation Center may provide a venue for a recognition event.

7) WORK SESSION

7.1 The Vines at Oakley Preliminary General Plan Amendment (PA 03-18) – Work Session to Discuss the Merits of a Potential Project to Amend the General Plan Land Use Designation on an approximately 9.74 acre site from SH to ML for the Purposes of a Single Family Residential Development (Kenneth Strelo, Principal Planner)

Principal Planner Ken Strelo presented the staff report.

Not Applicable

Applicant Chris Zaballos with MLC Holdings, Inc., shared his presentation. He mentioned they plan for 63 single-family homes on the 10-acre site. He mentioned they have another project in Oakley, Village at Main, in progress. He shared that Meritage Homes is MLC's parent company; the 7th largest homebuilder in the country and they have built other projects in Oakley and local surrounding cities. He thanked the City Council for allowing a preliminary review process before they spend any money. He mentioned they believe the single-story homes are marketable to first-time home buyers, first move-up home buyers or buyers looking to downsize. He shared they are proposing to build 20 parking stalls in a lot on site, connect a walking path to Holly Creek Park; provide a landscape buffer, and provide additional amenities at Holly Creek Park such as a restroom or other needed items. He mentioned they envision access to the homes from Oakley Road and Thomas Drive; the size of lots are 4,200 sq. ft. to 7,000 sq. ft., and the design will be 1,800 sq. ft. to 2,600 sq. ft. ranch or country style homes with 3 to 5 bedrooms.

Councilmember Higgins inquired if 10 homes would have to be lost to get to the lower density.

Mr. Strelo commented that 10 homes would have to be lost to get to the current density.

Councilmember Higgins inquired if the homes would have curb, gutter and sidewalk and if owners would park in their own driveways.

Mr. Zaballos responded that the homes will have a 2 car garage and driveway, with 4 dedicated parking spaces per home.

Councilmember Higgins requested clarification that 10 homes would be lost to stay in the current density and that the parking lot could be used by residents rather than Holly Creek Park because there will be access from both sides.

Mr. Zaballos confirmed that is correct.

Councilmember Hardcastle inquired if MLC has considered senior living homes.

Mr. Zaballos responded that MLC does construct 55+ senior home communities and although these homes are not dedicated for that purpose, they could work for seniors.

Councilmember Hardcastle commented it is something that might be considered since shopping is located nearby.

Vice Mayor Alaura thanked him for his presentation. She commented she is not a fan of changing the density; it is only 10 homes and 53 is a good number. She mentioned she is not sure why parking would be placed across the street as opposed to next to the park. She mentioned Oakley residents may wish to park RV's on their property which may place their vehicles on the street and the 20 proposed parking stalls might be used by residents to park their vehicles rather than park users, especially if the lot is not located next to the park. She also mentioned if the homes are kept at 53 that restrooms or a dog park would free up the area at Holly Creek Park right now. She expressed her preference is to keep the density where it is now.

Mr. Zaballos explained that the project has to work with the amount they have to pay the landowner and 63 lots is what works for that equation.

Vice Mayor Alaura commented that she is concerned this is not a final map and it would have potential to go to 94 dwelling units if transferred to the hands of another developer.

Mr. Zaballos commented he understands her concerns and although the map could indicate that, he understands it is not Oakley's desire.

Councilmember Romick commented that regardless if the City Council decides to change the density, it would still have to come back to the City Council for approval if the lots increased. He suggested with 63 units; maybe one unit is lost to shift parking to the east and place a restroom there which is much needed for the community and soccer leagues that play there now. He shared that the property has been owned by the family for 40 years; it would be great to save and reuse some of the vines and include them in the landscaping of some of the homes to remind residents what the land once was. He expressed concern with Thomas Drive to Oakley Road becoming a racetrack and would like to see traffic mitigation on both streets, especially Thomas Drive. He added that he does not have a problem with the rezone.

Mr. Zaballos mentioned there a number of traffic calming mechanisms they can put in place to pinch people to slow down.

Councilmember Romick commented he wants to keep traffic off of existing neighborhoods and keep it on Oakley Road.

Mayor Pope commented he has the same concerns his colleagues have raised and also regarding the loss of vines; he suggested if the vines can be saved, they could be replanted or new vines could planted symbolically. He suggested that traffic mitigation include a bottleneck design or environmental engineering instead of a straight shot through for the people who live there or who are going to the park, but not to use for a short cut. He mentioned the park has a trail system which leads up to where the parking lot is proposed; he suggested with development west of it, he would like to see the path continue so it interconnects. He mentioned he is not comfortable with multi-low. He expressed that allowing for additional units and smaller lots is an "ask" and the exchange for the City to make this sacrifice would be things to enhance the project, i.e., a restroom for the park or replanting vines in the landscape of the homes. He commented he would prefer an overlay to allow the project to move forward, but wouldn't allow another developer to go with multi-low or a project that the City Council really does not want. He inquired if the lots would be big enough for RV side access.

Mr. Zaballos responded that some lots will be big enough for RV side access.

Mayor Pope inquired if houses could be shifted to allow for RV side access.

Mr. Zaballos confirmed the lots could be shifted to accommodate RV side yard access.

Mayor Pope suggested that signage be included to indicate no storage of RVs in the parking lot. He mentioned he is willing to negotiate amenities in exchange for multi-low.

Mr. Zaballos inquired if they can come back with a more detailed plan for the City Council to review. He mentioned if they are at 53-54 units, it doesn't seem like to add 9 more would be a big deal, but 53 could be the number where the deal doesn't work; it is something they will need to examine.

Councilmember Higgins inquired if there will be a sound wall around the project.

Mr. Zaballos responded it will be a good neighbor fence.

Mayor Pope commented that Oakley Road provides a buffer of landscape.

Vice Mayor Alaura commented that there may be instances where a good neighbor fence needs to be enhanced for privacy or Frisbees going over the fence, for example, with houses facing the park.

Councilmember Romick commented that the trail is 5-6 feet below the fences facing the park; someone would have to deliberately throw something for it to go over a fence.

Mayor Pope commented that a resident may want the view by means of a lattice or wrought iron fence instead of a solid fence.

Councilmember Romick commented that on the other side of the park, houses back up to the park; there are no homes facing the fence. He mentioned a good neighbor fence with a cyclone fence on park side may more likely be what residents would want for privacy.

Mr. Zaballos commented there is a 12-foot grade difference.

Mayor Pope commented he would like to see more detail.

Public Comment

Mayor Pope apologized that some speaker cards had been overlooked. He called upon persons who submitted comment cards (below).

Item 7.1

Romano Marchetti inquired how many homes will be built for the project.

Mayor Pope responded 53-63 homes are proposed.

Mr. Marchetti commented that is too many homes; people have more cars than people living in homes now and this will result in too many cars. He inquired what happened to the plan less than two years ago to build seven houses per acre. He expressed his concern is traffic.

Item 5.3

CJ Sveen mentioned his comment was for item 5.3 regarding the eminent domain action and train station. He mentioned the realignment on Main Street has increased traffic and he has concern that the train station will further increase traffic. He shared that he

doesn't go through downtown any longer due to traffic and others may be doing same. He mentioned he attended meetings about the downtown and there was no mention of the train. He commented on the Scheer property, that if possible, if a counteroffer is proposed, the general public could approve the price. He mentioned he was concerned the property owner didn't have a say in the matter and is glad to hear they have due process.

Item 7.1

Scott Hobbs, property owner on Oakley Road, commented that his property will be impacted most by the project development; he has lived in his home for 30 years. He mentioned he is strongly opposed to more than 53 homes because someone else could develop condominiums or duplexes. He also mentioned he has a long, healthy relationship with the property owner and doesn't want to halt his plans, but he will have 9 neighbors that he doesn't have now if the project is approved; he doesn't want to lose the privacy he has now and a good neighbor fence would require him to maintain it jointly. He expressed concern with 4 vehicles per home and street parking, but shared his main concern is the fence; he wants to see a concrete structured fence. He commented that it was mentioned that the property is surrounded by high density properties which is inaccurate. He concluded if they want to transplant the vines, he will take all that they can give and transplant the vines on his 1.5 acres.

Councilmember Romick commented that they have successfully transplanted vines in Oakley and the sand is conducive to the vines.

Mayor Pope encouraged MLC to be good neighbors.

8) CLOSED SESSIONS

9) ADJOURN

There being no further business, the meeting was adjourned at 8:58 p.m.

Respectively Submitted,

for Libby Vreonis
City Clerk

The Vines at Oakley Subdivision 9507
Citizen Planning Advisors
Summary of Comments

- Is the 17 stall parking area accessible to visitors to Holly Park? Street A and B are indicated as private; will that hinder access to these designated parking spots?
- I like the variety of structure plans and the relatively even mix.
- Currently, traffic is onerous at the intersection of Oakley Road and Live Oak at the beginning and ending of school periods at Orchard Park School. This residential development has the potential to adversely affect this condition.
- This project looks like it meets all the design guidelines. I am also happy that there are also single story houses planned in this subdivision.
- My only comment on this one is that all the rear, left, and right elevations of the various plans lack any sort of architectural features, and are noticeably blank. Not a lot of aesthetic appeal. I don't think these are very in line with the 360 degree architecture I believe the city is trying to achieve.

CITY OF OAKLEY

RESOLUTION NO. XX-19

A RESOLUTION OF THE CITY OF OAKLEY CITY COUNCIL MAKING FINDINGS TO ADOPT A MITIGATED NEGATIVE DECLARATION AND APPROVE A GENERAL PLAN AMENDMENT TO RE-DESIGNATE THE NORTHERN MOST 2.20 ACRES OF ONE 9.87 ACRE PARCEL LOCATED AT 2371 OAKLEY ROAD (APN 041-100-035) FROM SINGLE FAMILY RESIDENTIAL, HIGH DENSITY (SH) TO MULTI FAMILY RESIDENTIAL, LOW DENSITY (ML) FOR THE PROJECT TITLED "THE VINES AT OAKLEY SUBDIVISION 9507 (GPA 05-18)"

FINDINGS

WHEREAS, on July 1, 1999, the incorporation of the City of Oakley took effect; and

WHEREAS, after incorporation, the City adopted the Contra Costa County General Plan for the Oakley Area as its general plan, the County's subdivision ordinance as its subdivision ordinance, and the County's zoning ordinance as its zoning ordinance (Ordinance Nos. 1-99, 17-99, 22-99). Since that time, the City has prepared its own general plan, as required by Government Code Section 65360; and

WHEREAS, in December 2002, the Oakley City Council adopted the Oakley 2020 General Plan; and

WHEREAS, on December 19, 2018, MLC Holdings, Inc. ("Applicant") filed an application requesting approval of the following four entitlements ("Project"):

1) a General Plan Amendment to re-designate 2.20 acres of the 9.87 acre site (gross acreage) from SH (Single Family Residential, High Density) to ML (Multi Family Residential, Low Density) (GPA 05-18);

2) a Rezone from Single Family Residential (R-6) District to Planned Unit Development (P-1) District (RZ 09-18);

3) a Vesting Tentative Map to subdivide approximately 9.87 acres into 63 single family residential lots, a storm water treatment bio-retention area, and right of way dedication and frontage improvements along Oakley Road (TM 06-18); and

4) Design Review for home designs consisting of three floor plans (one 1-story and two 2-stories) ranging from 1,631 sf. to 2,721 sf (DR 13-18).

The project site is located at 2371 Oakley Road and is zoned Single Family Residential (R-6) District. APN: 041-100-035; and

WHEREAS, the Applicant has initiated a project to change the General Plan Land Use Designation for the northern most 2.20 acres of the property from Single-Family Residential, High Density (SH) to Multi Family Residential, Low Density (ML); and

WHEREAS, pursuant to the requirements of the California Environmental Quality Act ("CEQA"), the City prepared a Draft Initial Study/Mitigated Negative Declaration ("IS/MND") dated July 16, 2019, which was circulated for public review and comment from July 17, 2019 to August 16 2019. The Notice of Intent to Adopt a Negative Declaration ("NOI") and Draft IS/MND were filed with the Governor's Office of Planning and Research State Clearinghouse and the County Clerk, on July 17, 2019; and

WHEREAS, on August 30, 2019, the Notice of Public Hearing for the Project was duly noticed in the Contra Costa Times, a newspaper of general distribution. On or before August 20, 2019, the Notice of Public Hearing was posted at Oakley City Hall located at 3231 Main Street, outside the gym at Delta Vista Middle School located at 4901 Frank Hengel Way, outside the library at Freedom High School located at 1050 Neroly Road, and the notice was mailed out to all owners of property within a 500-foot radius of the subject property's boundaries, to parties requesting such notice, and to outside agencies; and

WHEREAS, on August 30, 2019, the Final IS/MND, which includes the Draft IS/MND, the Response to Comments to the Draft IS/MND, and the Mitigation, Monitoring, and Reporting Program were posted on the City website and emailed electronically to all parties that submitted timely comments on the Draft IS/MND; and

WHEREAS, on September 10, 2019, the City Council opened the public hearing at which it received a report from City Staff, oral and written testimony from the public, and deliberated on the project. At the conclusion of its deliberations, the City Council took a vote and adopted this resolution to approve the project, as revised by the City Council during its deliberations; and

WHEREAS, these Findings are based on the City's General Plan and the City's Zoning Ordinance, and the information submitted to the City Council at its September 10, 2019 meeting, both written and oral, as reflected in the minutes of such meetings, together with the documents contained in the file for the Project (hereafter the "Record").

NOW, THEREFORE, on the basis of the above findings of fact and the entire Record, the City Council makes the following findings regarding the General Plan Amendment as shown in "Exhibit A" of this resolution in support of the recommended approvals:

A. The Draft Initial Study/Mitigated Negative Declaration and Notice of Intent to Adopt a Mitigated Negative Declaration ("MND") have been prepared and made available for public comment, pursuant to the California Environmental Quality Act (CEQA) Guidelines. Public comments received in a timely manner have been responded to as found in the Response to Comments portion of the Final IS/MND. The Initial Study found that the project will have a less than significant effect on the

environment, and the City Council hereby adopts the project MND (Attachment to the September 10, 2019 Staff Report).

B. The change in Land Use Designation will provide for the orderly, well planned and balanced growth within the City in that:

1. Only a 2.20 acre portion of the site would be re-designated to ML, which allows for single-family residential uses, such as the proposed project, and only re-designating a portion of the site ensure the maximum density would only allow up to 63 dwelling units when combined with the remaining portion of SH designated land, which is in line with the proposed project and associated Planned Unit Development (P-1) District and Final Development Plan; and

2. It would serve to result in an infill single family residential development project surrounded by other single family residential uses and a public park, and is located on a minor arterial road near several commercial uses, and in combination with the associated Design Review application will result in a balanced, attractive, and well-maintained (due to Home Owner's Association) development along Oakley Road.

BE IT FURTHER RESOLVED THAT, on the basis of the foregoing Findings and the entire Record, the City Council hereby approves the amendment to the General Plan as shown in "Exhibit A" of this resolution.

PASSED AND ADOPTED by the City Council of the City of Oakley at a meeting held on the 10th day of September, 2019 by the following vote:

AYES:

NOES:

ABSTENTIONS:

ABSENT:

APPROVED:

_____

Claire Alaura, Mayor Date

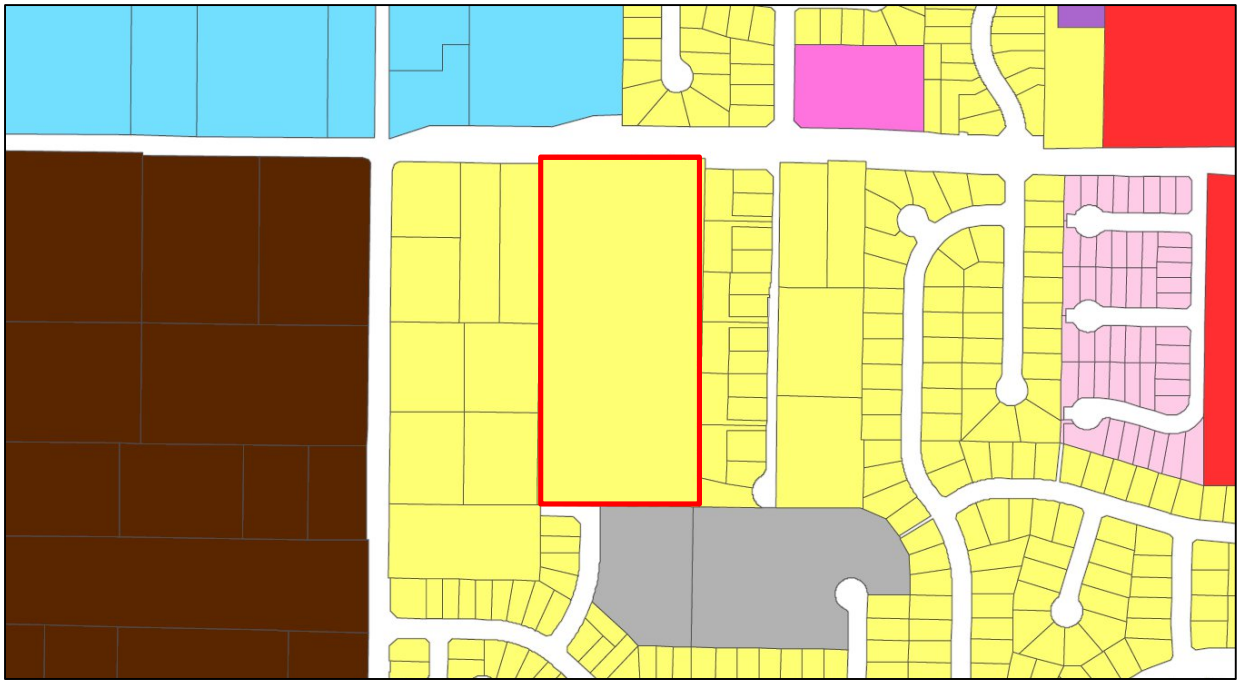
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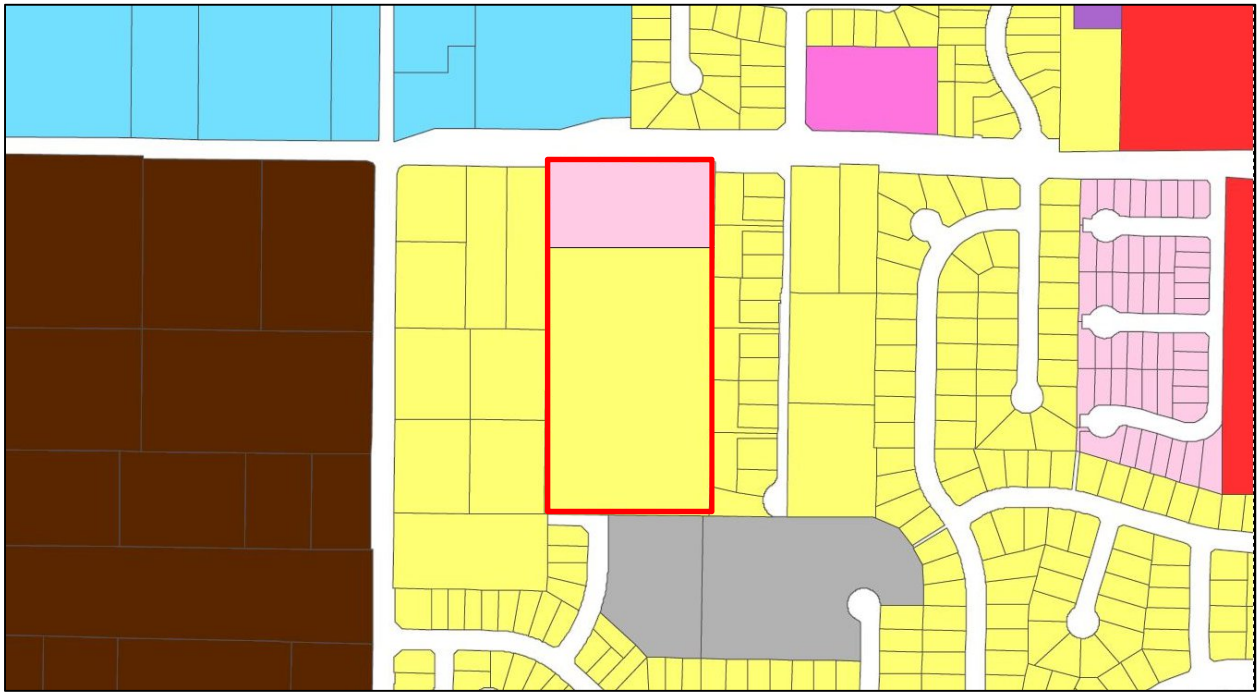
Libby Vreonis, City Clerk Date

The Vines at Oakley Subdivision 9507 General Plan Amendment (GPA 05-18)

Existing General Plan Land Use Designation: Single Family Residential, High Density (SH) - 9.87 Acres



Proposed General Plan Land Use Designation: Single Family Residential, High Density (SH) - 7.67 Acres; Multi Family Residential, Low Density (ML) – 2.20 Acres



CITY OF OAKLEY

ORDINANCE NO. XX-19

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF OAKLEY REZONING ONE PARCEL COMPRISED OF 9.87 ACRES LOCATED AT 2371 OAKLEY ROAD (APN 041-100-035) FROM SINGLE FAMILY RESIDENTIAL (R-6) DISTRICT TO PLANNED UNIT DEVELOPMENT (P-1) DISTRICT FOR THE PROJECT TITLED "THE VINES AT OAKLEY SUBDIVISION 9507" (RZ 09-18)

WHEREAS, on December 19, 2018, MLC Holdings, Inc. ("Applicant") filed an application requesting approval of the following four entitlements ("Project"):

1) a General Plan Amendment to re-designate 2.20 acres of the 9.87 acre site (gross acreage) from SH (Single Family Residential, High Density) to ML (Multi Family Residential, Low Density) (GPA 05-18);

2) a Rezone from Single Family Residential (R-6) District to Planned Unit Development (P-1) District (RZ 09-18);

3) a Vesting Tentative Map to subdivide approximately 9.87 acres into 63 single family residential lots, a storm water treatment bio-retention area, and right of way dedication and frontage improvements along Oakley Road (TM 06-18); and

4) Design Review for home designs consisting of three floor plans (one 1-story and two 2-stories) ranging from 1,631 sf. to 2,721 sf (DR 13-18).

The project site is located at 2371 Oakley Road and is zoned Single Family Residential (R-6) District. APN: 041-100-035; and

WHEREAS, the proposal complies with the requirements of the rezoning application requirements of Section 2.4.012 (a) of the Oakley Municipal Code; and

WHEREAS, the Applicant has initiated a project to change the zoning for the property from Single Family Residential (R-6) District to Planned Unit Development (P-1) District; and

WHEREAS, pursuant to the requirements of the California Environmental Quality Act ("CEQA"), the City prepared a Draft Initial Study/Mitigated Negative Declaration ("IS/MND") dated July 16, 2019, which was circulated for public review and comment from July 17, 2019 to August 16 2019. The Notice of Intent to Adopt a Negative Declaration ("NOI") and Draft IS/MND were filed with the Governor's Office of Planning and Research State Clearinghouse and the County Clerk, on July 17, 2019; and

WHEREAS, on August 30, 2019, the Notice of Public Hearing for the Project was duly noticed in the Contra Costa Times, a newspaper of general distribution. On or before August 20, 2019, the Notice of Public Hearing was posted at Oakley City Hall located at

3231 Main Street, outside the gym at Delta Vista Middle School located at 4901 Frank Hengel Way, outside the library at Freedom High School located at 1050 Neroly Road, and the notice was mailed out to all owners of property within a 500-foot radius of the subject property's boundaries, to parties requesting such notice, and to outside agencies; and

WHEREAS, on September 10, 2019, the City Council adopted Resolution XX-19 adopting the Negative Declaration and approving the associated General Plan Amendment; and

The City Council of the City of Oakley does ordain as follows:

SECTION 1. FINDINGS. Pursuant to Chapter 2.4.012 of the Oakley Municipal Code, the City Council of the City of Oakley hereby finds and determines as follows:

a. The change proposed will substantially comply with the General Plan:

The proposed rezone to the Planned Unit Development (P-1) District in conjunction with the approved General Plan Amendment where a 2.20 acre portion of the site was re-designated to Multi-Family, Low Density (ML) will provide for residentially zoned land with a combined maximum density of 6.38 dwelling units per gross acre, which will be adjacent to existing single family residential developments, which are zoned Agricultural Limited (AL) District, P-1 District, and R-6 District, and of which all are designated Single Family Residential, High Density (SH) in the General Plan. The P-1 District will allow the project to combine the SH and ML land use district and develop only to the combined allowable density as calculated per the respective acreage of each designation. In addition, the P-1 District will allow for private streets and no through traffic, which will alleviate maintenance responsibility from the City, and not result in additional traffic in the neighborhood to the south.

b. The uses authorized or proposed in the land use district are compatible within the district and to uses authorized in adjacent districts:

The proposed change in the Zoning from Single Family Residential (R-6) District to Planned Unit Development (P-1) District will not result in providing new uses not already permitted in the existing R-6 District, rather the proposed P-1 District is only permitting single family residential uses and auxiliary uses allowed in residential districts in the Oakley Municipal Code. Land to the west, south, and east is all single family residential, including a neighborhood park to the south, and the land to the north contains a single family residential neighborhood and some Light Industrial (LI) District zoned land, which consists of legal non-conforming single family residential uses and a vacant lot that has a current application to be re-designated to single family residential.

c. Community need, but not necessarily future financial success, has been demonstrated for the use proposed:

A community need has been demonstrated for the proposed use. The Project will result in the construction of additional housing units, which is necessary to meet demand in the community in that: The City of Oakley falls under the jurisdiction of the Association of Bay Area Governments (ABAG). ABAG uses a predominately demographic formula to allocate the regional housing needs among the incorporated cities and unincorporated county. This process results in a Regional Housing Needs Assessment (RHNA) and the number reflected in that assessment becomes part the City of Oakley's estimated housing needs. The development of this project will help the city meet its regional fair share housing goal.

SECTION 2. Property Defined and Rezoned.

Pursuant to Section 2.4.012 of the Oakley Municipal Code, the Oakley Zoning Map is amended to rezone the following property from Single Family Residential (R-6) District to Planned Unit Development (P-1) District:

A. Approximately 9.87 acres of real property located at 2371 Oakley Road, Oakley, CA 94561 (APN 041-100-035), as shown on the "Exhibit A" attached to this ordinance.

SECTION 3. Applicable Regulations and Standards.

A. Planned Unit Development (P-1) District – The P-1 District shall allow for Single Family Residential development consistent with The Vines at Oakley Subdivision 9507 project application consisting of 63 single family lots at a density of approximately 6.38 dwelling units per gross acre. The Development Standards of the P-1 District are contained within the Final Development Plan approved with the Project on September 10, 2019.

SECTION 4. California Environmental Quality Act (CEQA) Finding.

Pursuant to California State Law, an Initial Study was conducted by the Planning Division to evaluate the potential effects of this project upon the environment. The Initial Study analysis found there were no potentially significant impacts, and therefore a Mitigated Negative Declaration was prepared. Based upon the findings contained in the Initial Study it has been determined that this project will not have a significant impact upon the environment.

SECTION 5. Severability.

If any provision of this ordinance or the application thereof to any person or circumstance is held invalid, the remainder of the ordinance, including the application of such part or provision to other persons or circumstances shall not be affected thereby and shall continue in full force and effect. To this end, the provisions of this ordinance are

severable. The City Council hereby declares that it would have passed each section, subsection, subdivision, paragraph, sentence, clause, or phrase thereof, irrespective of the fact that any one or more sections, subsections, subdivisions, paragraphs, sentences, clauses or phrases may be held unconstitutional, invalid or unenforceable.

SECTION 6. Effective Date and Posting.

This ordinance shall take effect and be in force thirty (30) days from and after the date of its passage. The City Clerk shall cause the ordinance to be published within fifteen (15) days after its passage in a newspaper of general circulation, or by publishing a summary of the proposed ordinance, posting a certified copy of the proposed office in the City Clerk's Office at least five (5) days prior to the City Council meeting at which the ordinance is to be adopted, and within fifteen (15) days after its adoption, publishing a summary of the ordinance with the names of the Council Members voting for and against the ordinance.

The foregoing ordinance was adopted with the reading waived at a regular meeting of the Oakley City Council on _____, 2019 by the following vote:

AYES:

NOES:

ABSTENTIONS:

ABSENT:

APPROVED:

_____

Claire Alaura, Mayor Date

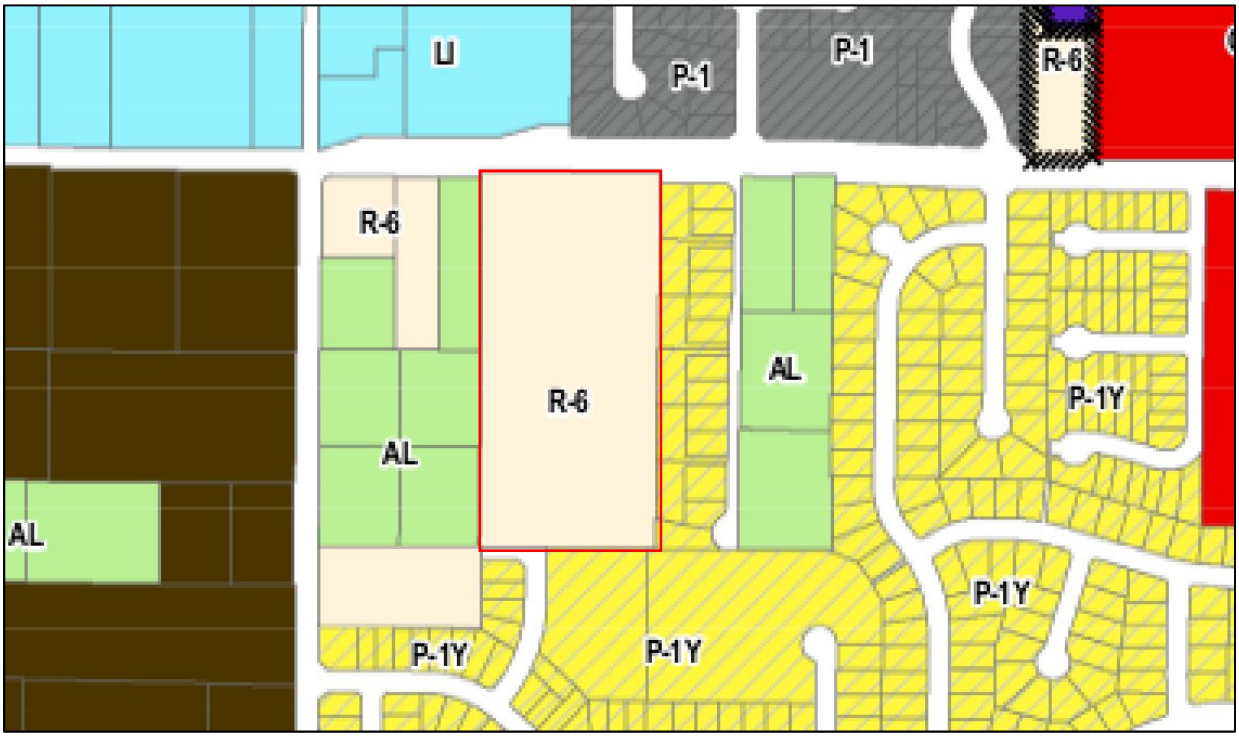
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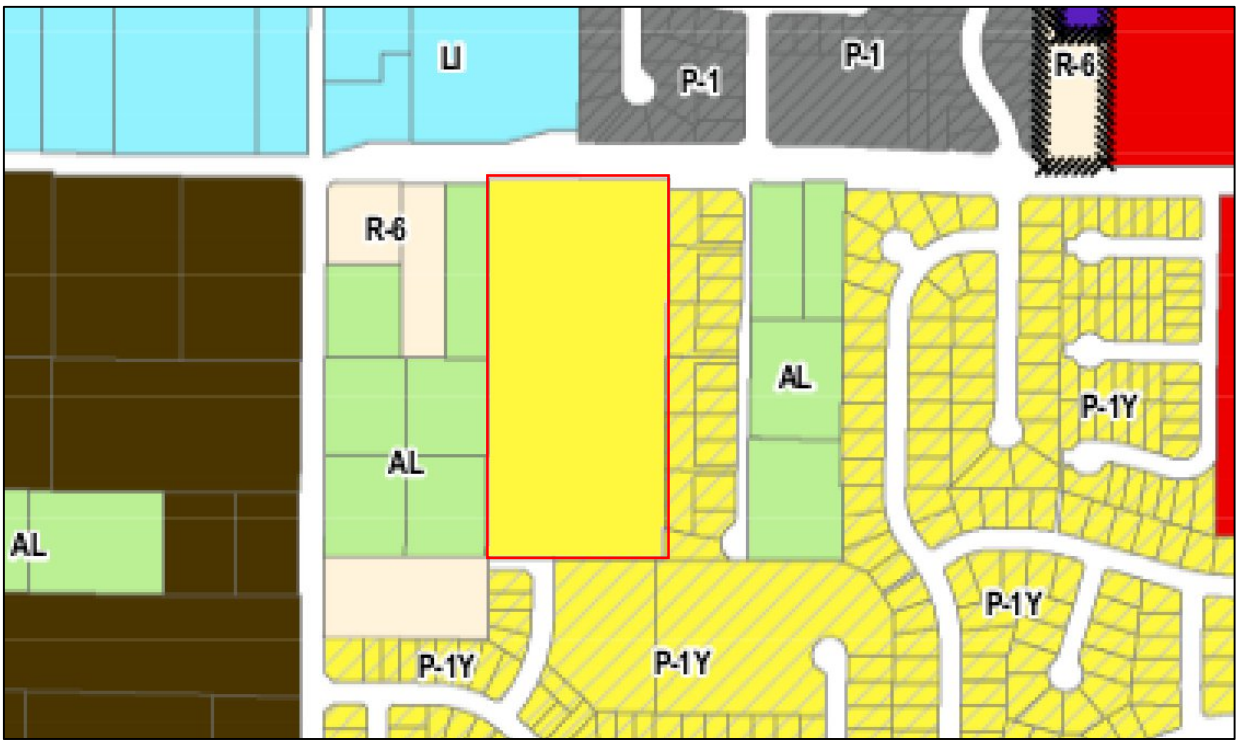
Libby Vreonis, City Clerk Date

The Vines at Oakley Subdivision 9507 Rezone (RZ 09-18)

Existing Zoning District: Single Family Residential (R-6) District



Proposed Zoning District: Planned Unit Development (P-1) District



RESOLUTION NO. XX-19

A RESOLUTION OF THE CITY OF OAKLEY CITY COUNCIL MAKING FINDINGS AND APPROVING A VESTING TENTATIVE MAP (TM 06-18) AND DESIGN REVIEW (DR 13-18) ON A 9.87 ACRE SITE LOCATED AT 2371 OAKLEY ROAD (APN 041-100-035) FOR THE PROJECT KNOWN AS "THE VINES AT OAKLEY SUBDIVISION 9507"

WHEREAS, on December 19, 2018, MLC Holdings, Inc. ("Applicant") filed an application requesting approval of the following four entitlements ("Project"):

1) a General Plan Amendment to re-designate 2.20 acres of the 9.87 acre site (gross acreage) from SH (Single Family Residential, High Density) to ML (Multi Family Residential, Low Density) (GPA 05-18);

2) a Rezone from Single Family Residential (R-6) District to Planned Unit Development (P-1) District (RZ 09-18);

3) a Vesting Tentative Map to subdivide approximately 9.87 acres into 63 single family residential lots, a storm water treatment bio-retention area, and right of way dedication and frontage improvements along Oakley Road (TM 06-18); and

4) Design Review for home designs consisting of three floor plans (one 1-story and two 2-stories) ranging from 1,631 sf. to 2,721 sf (DR 13-18).

The project site is located at 2371 Oakley Road and is zoned Single Family Residential (R-6) District. APN: 041-100-035; and

WHEREAS, on April 8, 2019, the project application was deemed complete per Government Code section 65920 et. seq; and

WHEREAS, the project is designated as Multi-Family, Low Density (ML) (2.20 acres) and Single Family Residential, High Density (SH) (7.67 acres) in the Oakley 2020 General Plan per City Council Resolution No. ____ and zoned Planned Development (P-1) District per Ordinance No. ____; and

WHEREAS, pursuant to the requirements of the California Environmental Quality Act ("CEQA"), the City prepared a Draft Initial Study/Mitigated Negative Declaration ("IS/MND") dated July 16, 2019, which was circulated for public review and comment from July 17, 2019 to August 16 2019. The Notice of Intent to Adopt a Negative Declaration ("NOI") and Draft IS/MND were filed with the Governor's Office of Planning and Research State Clearinghouse and the County Clerk, on July 17, 2019; and

WHEREAS, on August 30, 2019, the Notice of Public Hearing for the Project was duly noticed in the Contra Costa Times, a newspaper of general distribution. On or before

August 20, 2019, the Notice of Public Hearing was posted at Oakley City Hall located at 3231 Main Street, outside the gym at Delta Vista Middle School located at 4901 Frank Hengel Way, outside the library at Freedom High School located at 1050 Neroly Road, and the notice was mailed out to all owners of property within a 500-foot radius of the subject property's boundaries, to parties requesting such notice, and to outside agencies; and

WHEREAS, on August 30, 2019, the Final IS/MND, which includes the Draft IS/MND, the Response to Comments to the Draft IS/MND, and the Mitigation, Monitoring, and Reporting Program were posted on the City website and emailed electronically to all parties that submitted timely comments on the Draft IS/MND; and

WHEREAS, on September 10, 2019, the City Council opened the public hearing at which it received a report from City Staff, oral and written testimony from the public, and deliberated on the project. At the conclusion of its deliberations, the City Council took a vote and adopted this resolution to approve the project, as revised by the City Council during its deliberations; and

WHEREAS, these Findings are based on the City's General Plan and the City's Zoning Ordinance, and the information submitted to the City Council at its September 10, 2019 meeting, both written and oral, as reflected in the minutes of such meetings, together with the documents contained in the file for the Project (hereafter the "Record").

NOW, THEREFORE, BE IT RESOLVED THAT, on the basis of the above findings of fact and the entire Record, the City Council makes the following additional findings in support of the approvals:

A. In regards to the application requesting approval of Vesting Tentative Map 9507 (TM 06-18) to subdivide the 9.87 acre site into 63 single family residential lots, a storm water treatment bio-retention area, and right of way dedication and frontage improvements along Oakley Road, the City Council finds that:

1. The proposed Vesting Tentative Map, together with the provisions of its design and improvements, is consistent with the Zoning Ordinance, and applicable portions of the ML and SH General Plan Land Use Designations, as approved by City Council for the Project, in that it allows for orderly residential development in a residential area and meets the maximum combined General Plan gross density allowance (proposed at 6.38; maximum allowable at 6.41 dwelling units per gross acre) and complies with the minimum lot size, lot width, and lot depth and all other applicable regulations set forth in the project's Planned Development (P-1) District; and

2. The site is physically suitable for the type of development in that the proposed Vesting Tentative Map meets all of the applicable development standards in the project's Planned Development (P-1) District and is compatible with surrounding residential land uses; and

3. The site is physically suitable for the proposed density and number of dwelling units; and

4. The Project's Final Initial Study and Mitigated Negative Declaration were prepared in accordance with CEQA Guidelines. The Mitigation and Monitoring Plan is attached hereto as Exhibit "A"; and

5. The design of the subdivision and type of improvements are not likely to cause serious public health problems in that the proposed subdivision consists of 63 single family residential lots. Construction and grading of the project are subject to building or grading permits, and violations of any such permits are subject to appropriate enforcement; and

6. The design of the subdivision includes the construction of improvements within public right-of-way that are consistent with major subdivisions and the City's design standards. The improvements consist of widening and improving the project frontage along Oakley Road, with additional roadway, sidewalks, curbs and gutters, improvements to the median, and landscaping adjacent to the projects frontage. The remainder of the subdivision will contain privately owned and maintained roadways; and

7. The design of the subdivision and the type of improvements will not conflict with easements, acquired by the public at large, for access through or use of, property within the proposed subdivision. In this connection, the governing body may approve a map if it finds that alternate easements, for access or for use, will be provided, and that these will be substantially equivalent to ones previously acquired by the public. This subsection shall apply only to easements of record or to easements established by judgment of a court of competent jurisdiction and no authority is hereby granted to a legislative body to determine that the public at large has acquired easements for access through or use of property within the proposed subdivision. The Vesting Tentative Map does not conflict with easements acquired by the public for access and utilities.

A. In regards to the application requesting Design Review approval for (DR 13-18) for The Vines at Oakley Subdivision 9507 project, the City Council finds that:

1. The proposed Design Review plans are substantially consistent with the applicable General Plan designations and approved Vesting Tentative Map. The proposed use is allowed for by the project's approved General Plan Amendment and Rezone applications; and

2. The proposed Design Review plans comply with all applicable Planned Development (P-1) District regulations as set forth in the approval of the projects Rezone application; and

3. The proposed design and materials of the single-family homes and the conceptual front yard landscaping are compatible with the applicable adopted City of Oakley Residential Design Guidelines standards, subject to the approved Final Development Plan.

C. The project complies with Measure J Growth Management requirements.

D. The Project's Final Initial Study/Mitigated Negative Declaration was adopted by the City Council in conjunction with the Project's General Plan Amendment (GPA 05-18) approval. Development of the project is subject to all adopted mitigation measures as included in the Final IS/MND's Mitigation, Monitoring, and Reporting Program unless modified pursuant CEQA Guidelines and adopted by the City Council.

BE IT FURTHER RESOLVED THAT, on the basis of the above Findings and the Record, the City Council approves of the Applicant's request for **Tentative Map (TM 06-18) and Design Review (DR 13-18)** subject to the following Conditions of Approval:

Conditions of Approval

Applicant shall comply with the requirements of the Oakley Municipal Code. Any exceptions must be stipulated in these Conditions of Approval. Conditions of Approval are based on the application received by the Planning Division dated **December 19, 2018**, as well as additional information acquired since that time and made part of the project file.

THE FOLLOWING CONDITIONS OF APPROVAL SHALL BE SATISFIED PRIOR TO THE CONSTRUCTION OF THE BUILDING'S ON EITHER PARCEL UNLESS OTHERWISE NOTED:

PLANNING DIVISION CONDITIONS OF APPROVAL

General:

1. This **Tentative Map (TM 06-18) and Design Review (DR 13-18)** application is approved, as shown on the plans, date stamped by the Planning Division on **July 18, 2019**, and as modified by the following conditions of approval, subject to final review and approval by the Community Development Director.

2. This approval for **Tentative Map (TM 06-18) and Design Review (DR 13-18)** shall be effectuated within a period of three (3) years from the effective date of this resolution by pulling a building permit and if not effectuated shall expire on **September 10, 2022**. Prior to said expiration date, the applicant may apply for an extension of time pursuant to the provisions of the Zoning Code.

3. All construction drawings submitted for plan check shall be in substantial compliance with the plans presented to and approved by the City Council on **September 10, 2019**.

4. All conditions of approval shall be satisfied by the owner/developer. All costs associated with compliance with the conditions shall be at the owner/developer's expense.

5. Noise generating construction activities, including such things as power generators, shall be limited to the hours of 7:30 a.m. to 5:30 p.m. Monday through Friday, and shall be prohibited on City, State and Federal Holidays. The restrictions on allowed working days and times may be modified on prior written approval by the Community Development Director.

6. Should archaeological materials be uncovered during grading, trenching or other on- site excavation(s), earthwork within 30 yards of these materials shall be stopped until a professional archaeologist who is certified by the Society of Professional Archaeology (SOPA) has had an opportunity to evaluate the significance of the find and suggest appropriate mitigation(s), if deemed necessary. If the remains are determined to be that of Native American origin, procedures will be guided by California PRC 5097 through California's Native American Heritage Commission.

7. The applicant shall defend, indemnify, and hold harmless the city or any of its boards, commissions, agents, officers, and employees from any claim, action or proceeding against the city, its boards, commissions, agents, officers, or employees to attack, set aside, void, or annul, the approval of the project. The city shall promptly notify the applicant of any such claim, action or proceeding. The city shall have the option of coordinating the defense. Nothing contained in this condition shall prohibit the city from participating in a defense of any claim, action, or proceeding if the city bears its own attorney's fees and costs, and the city defends the action in good faith.

Parks and Landscaping:

8. This project is not proposing to construct any parkland. The applicant will be required to pay in-lieu park impact fees on each lot based on the net acreage of the project after right of way dedication as indicated on the recorded Final Map.

9. The applicant shall submit final landscape plans for all portions of the project, including any improvements to public right of way, that are substantially consistent with the conceptual plans included with the approved project plans. Final approval of plant species selection and location shall be subject to the review and approval of the Community Development Director and/or Public Works Director or their designees.

10. A landscaping and irrigation plan for all front yard, right-of-way, parks, open space,

and trail landscaping shall conform to the Oakley Water Efficient Landscape Ordinance and the Guidelines for Implementation of the City of Oakley Water Efficient Landscape Ordinance and shall be installed prior to final occupancy. The plan shall be prepared by a licensed landscape architect and shall be certified to be in compliance with the City's Water Conservation Ordinance by adding a statement as to such with the preparer's signature.

11. California native drought tolerant plants shall be used as much as possible. All trees shall be a mix of fifteen-gallon and 24" box or larger if indicated on the approved plans; all shrubs shall be a minimum five-gallon size, except as otherwise noted.

12. All landscaped areas not covered by shrubs or groundcover shall be covered with a physical weed barrier underneath bark or acceptable alternative as reviewed and approved by the Community Development Director. On slopes greater than 3 to 1, the applicant shall use an alternative to bark per the review and approval of the Community Development Director. Areas covered with bark shall use a weed barrier.

13. Each residential lot shall include street and accent trees as indicated on he approved plans, unless otherwise modified due to comments receive from City Staff on the Final Landscape Plan review in relation to final locations of trees and utilities. All final decision are subject to the review and approval of the City Engineer and/or Community Development Director

14. The applicant shall maintain all private landscaping until occupancy.

15. A street tree plan shall be submitted for review prior to issuance of Building Permits. The street trees shall be inter-mixed throughout the subdivision, so there are a variety of trees on every street, per review of the Community Development Department.

16. A total of 16 mature trees are proposed to be removed in conjunction with the proposed project. There is at least one mature coast live oak tree near the existing home, which would require mitigation per the Oakley Municipal Code Tree Preservation Ordinance (OMC section 9.1.1114). The proposed tree planting plan includes 61 24" box coast live oaks, 17 24" box cork oaks, and 12 48" box valley oaks, for a total of 90 oak replacement trees. Tree replacement mitigation allows for replacement at a 3:1 ratio when replacement trees are 24" box or larger. The proposed tree planting plan satisfies the tree mitigation per OMC Section 9.1.1112(g)(11)(a).

17. The landscape plan shall detail the relocated grape vines that will be located along the projects Oakley Road frontage, including the number of vines and rows of vines, and the structures to which they will be attached, if any, to the satisfaction of the Community Development Director.

Fences and Walls:

18. Within the subdivision good neighbor fences shall be constructed as shown on the proposed landscape plans, but with metal posts surrounded by a wood exterior or acceptable alternative, rather than wooden posts, as reviewed and approved by the Community Development Director. Lots along Oakley Road may opt for a more vertical solid fence rather than the lattice option to ensure more privacy from the public right of way. Corner lots or any good neighbor fence facing a street shall provide a fence or wall constructed of a durable material such as, but not limited to, masonry, vinyl, enhanced wood, composite or other durable material as approved by the Community Development Director. All wood fencing visible from the street shall be stained or painted on both sides to prevent water damage to the satisfaction of the Community Development Director.

19. Anti-graffiti techniques shall be used on masonry walls.

Subdivision Design:

20. The neighborhood entry and EVA at the terminus of Thomas Drive (shall be identified by accent paving, project monument signage and accent planting per the review and approval of the Community Development Director.

21. Driveway openings shall be a maximum 18' in width or up to 25% of a lot's frontage (except on cul de sacs).

22. The street names shall be approved by the Community Development Department and the East Contra Costa Fire Protection District.

23. The project shall be constructed as a Home Owner Association ("HOA") governed community. The applicant shall submit preliminary information prior to forming the HOA that details what minimum standards the development will be held to in order to avoid conflict with any applicable City regulations.

Subdivision Disclosures:

24. The model home complex shall have a copy of the City of Oakley's General Plan land use map posted within the sales office or included with the informational material provided to prospective home buyers.

25. The following statement shall be recorded at the County Recorder's Office for each parcel to notify the future owners of the parcel that they are within the Antioch School District and shall be prominently displayed in sales office's for the public to view:

> "This document shall serve as notification that you have purchased land within the Antioch Unified School District. Properties located within Antioch Unified School District

boundaries may be subject to Mello Roos tax. Potential property owners should be fully aware of this at the time of purchase."

Design Review:

26. All windows and doors shall be trimmed on all four sides.

27. The use of stone or brick veneer shall be carried to the fence line or change in wall plane per the review of the Community Development Director.

28. All houses that side or back onto a road shall have additional architectural embellishments on the side and rear elevations.

29. Increase the front yard setback to the garage by at least two and a half feet (2.5') and up to five feet (5') on lots with rear yard setbacks that would allow this variation, subject to final review and approval by the Community Development Director.

Energy Efficiency:

30. Water heaters shall provide an energy efficiency factor of 0.62 or better.

31. Dual zone air conditioning shall be provided on all two-story residential units.

32. Air conditioning condenser units shall be located to take advantage of natural shade. Condensers should not be placed on the west or south elevation of a home, unless shade is provided. The location of the condenser shall be added to all plot plans for review and approval of the Community Development Director.

33. Design and site units so as to take advantage of natural heating and cooling, sin and wind exposure, and solar energy opportunities.

Mitigation Measures

34. All mitigation measures addressed in the project's Final Initial Study/Mitigated Negative Declaration (summarized in the Mitigation Monitoring and Reporting Program) dated **August 30, 2019** shall be complied with and addressed as outlined in the Mitigation Monitoring and Reporting Plan, per the review and approval of the Community Development Director.

35. All mitigation measures contained within the HCP Planning Survey Report received **December 18, 2018** shall be complied with, per the review and approval of the Community Development Director.

Waste Management Plan:

36. The applicant shall submit a Waste Management Plan that complies with the City of Oakley Construction and Demolition Debris Recycling Ordinance.

BUILDING DIVISION CONDITIONS OF APPROVAL

37. Plans shall meet the currently adopted Uniform Codes as well as the newest T-24 Energy Requirements per the State of California Energy Commission. To confirm the most recent adopted codes please contact the Building Division at (925) 625 – 7005.

38. An Automatic Life Safety Sprinkler System shall be required in all new construction pursuant to Ordinance 22-06. The Automatic Life Safety Sprinkler Systems in commercial and industrial buildings shall be designed and installed to the standards and requirements found in the most recent version of the NFPA (National Fire Protection Association). Automatic Life Safety Sprinkler Systems in hotels and apartments shall be installed to the stands and requirements found in the most recent version of the NFPA, Standard 13R.

39. Prior to requesting a Certificate of Occupancy from the Building Division all Conditions of Approval required to occupancy must be completed.

PUBLIC WORKS AND ENGINEERING CONDITIONS OF APPROVAL

THE FOLLOWING SHALL BE SATISFIED PRIOR TO THE ISSUANCE OF AN ENCROACHMENT AND/OR GRADING PERMIT:

40. GENERAL. All public improvements shall be made according to the latest adopted City Standard Drawings and Specifications. All work shall conform to the applicable City ordinances. The adjacent public right-of-way shall be kept clear of all job-related dirt and debris at the end of the day. Dirt and debris shall not be washed into storm drainage facilities. The storing of goods and materials on the sidewalk and/or the street will not be allowed unless a special permit is issued. The developer's representative in charge shall be at the job site during all working hours. Failure to maintain the public right-of-way according to this condition may result in the City performing the required maintenance at the developer's expense.

41. ENCROACHMENT PERMIT. All work in the public right-of-way, including any blockage or partial closure of sidewalks will require an Encroachment Permit. Special provisions such as limitations on works hours, protective enclosures, or other means to facilitate public access in a safe manner may be required.

42. GRADING PERMIT. All earthwork must comply with the City's Grading Ordinance. A Grading Permit must be issued by the public works department prior to site disturbance.

43. PUBLIC WORKS INSPECTIONS. The developer or their representative shall notify the Engineering Inspector at least forty-eight (48) hours before starting any work pertaining to on-site drainage facilities, grading or paving, and all improvements in approved plans. Failure to do so will result in rejection of work that was completed without inspection.

44. NEIGHBOR CONSENT. Letters of consent or construction agreements for right of entry to construct from the owners of impacted properties shall be provided prior to issuance of any permit. The letters shall address any impacts to property as well as potential utility relocations.

45. PRECONSTRUCTION MEETING. Prior to issuance of any permit or the commencement of any site work, the general contractor shall:

    A. Along with the project applicant, attend a pre-construction meeting with the City Engineer to discuss the project conditions of approval, working hours, site maintenance and other construction matters;

    B. Acknowledge in writing that they have read and understand the project conditions of approval and will make certain that all project sub-contractors have read and understand them prior to commencing work and that a copy of the project conditions of approval will be posted on site at all times during construction.

46. CONSTRUCTION STREET PARKING. No vehicle having a manufacturer's rated gross vehicle weight exceeding ten thousand (10,000) pounds shall be allowed to park on the portion of a street which abuts property in a residential zone without prior approval from the City Engineer.

47. EROSION CONTROL. Interim and final erosion control plans shall be prepared and submitted to the Public Works Department. A Notice of Intent (NOI) and Storm Water Pollution Prevention Plan (SWPPP) shall be submitted to the State SMARTS system for projects disturbing more than one acre and obtain a WDID number. A maximum of two weeks is allowed between clearing of an area and stabilizing/building on an area if grading is allowed during the rainy season. Interim erosion control measures, to be carried out during construction and before installation of the final landscaping shall be included. Interim erosion control method shall include, but are not limited to: silt fences, fiber rolls (with locations and details), erosion control blankets, City standard seeding specification, filter berms, check dams, retention basins, etc. Provide erosion control measures as needed to protect downstream water quality during winter months. The grading, drainage, erosion control plans and SWPPP shall be in compliance with applicable measures contained in the City of Oakley's NPDES Permit.

48. DUST CONTROL. Blowing dust shall be reduced by timing construction activities so that paving and building construction begin as soon as possible after completion of grading, and by landscaping disturbed soils as soon as possible. Further, water trucks shall be present and in use at the construction site. All portions of the site subject to blowing dust shall be watered as often as deemed necessary by the City, or a minimum of three times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas, and staging areas at construction sites in order to insure proper control of blowing dust for the duration of the project. Watering on public streets shall not occur. Streets will be cleaned by street sweepers or by hand as often as deemed necessary by the City Engineer, or at least once a day. Watering associated with on-site construction activity shall take place between the hours of 8 a.m. and 5 p.m. and shall include at least one late-afternoon watering to minimize the effects of blowing dust. All public streets soiled or littered due to this construction activity shall be cleaned and swept daily during the workweek to the satisfaction of the City. Demolition or earthwork activities shall be halted when wind speeds (instantaneous gusts) exceed 25 MPH. All trucks hauling soil, sand, or other loose debris shall be covered.

49. SILT AND MUD IN PUBLIC RIGHT-OF-WAY. It is the responsibility of contractor and homeowner to make sure that all dirt tracked into the public right-of-way is cleaned up daily. Mud, silt, concrete and other construction debris SHALL NOT be washed into the City's storm drains. Construction entrances must be in place per the Erosion Control Plan.

50. TRAFFIC CONTROL PLAN. The project sponsor will be required to work with the Public Works Department to develop a traffic control plan per the current California MUTCD. This plan will include, but not be limited to, the following measures:

    A. Construction activities shall be strategically timed and coordinated to minimize traffic disruption for schools, residents, businesses, and special events. The schools located on the haul route shall be contacted to help with the coordination of the trucking operation to minimize traffic disruption.

    B. Flag persons shall be placed at locations necessary to control one-way traffic flow, if required. All flag persons shall have the capability of communicating with each other to coordinate the operation.

    C. Prior to construction, advance notification of all affected residents and emergency services shall be made regarding one-way operation, specifying dates and hours of operation and lane closures on main arterial and collector streets and will be permitted only between the hours of 8:30AM to 2:30PM on M, T, TH & F. 8:30AM to 12:00PM on W.

    D. The traffic control plan shall be reviewed for compliance to the project's Haul Route, approved by the City of Oakley.

E. A full road closure will require a detour plan and a road closure permit issued by the Public Works Department.

51. CONSTRUCTION MANAGEMENT PLAN. The Applicant shall submit a construction management plan that shall incorporate at a minimum the Earth Movement Plan, Traffic Control Plan, Project Schedule, site security fencing, employee parking, construction staging area, construction trailer, and proposed outhouse locations.

52. RESTORATION OF PUBLIC IMPROVEMENTS. The developer shall repair or replace all existing improvements not designated for removal that are damaged or removed because of developer's operations. Improvements such as, but not limited to: curbs, gutters, sidewalks, driveways, signs, pavements, raised pavement markers, thermoplastic pavement markings, etc. shall be repaired and replaced to a condition equal to or better than the original condition. Existing improvement to be repaired or replaced shall be at the direction of the Public Works & Engineering Inspector and shall comply with all Title 24 Disabled Access provisions. Developer shall request a walk-through with the Engineering Construction Inspector before the start of construction to verify existing conditions.

53. SIDEWALK REPAIR. The developer shall repair and replace to existing City standards any sidewalk damaged now or during construction of this project. Sidewalk repair shall match existing color, texture and design, and shall be constructed per City Standard Details. The limits of sidewalk repair will be determined by the Public Works Inspector during the construction phase of the project.

54. CURB AND GUTTER. The developer shall repair and replace to existing City standards any curb and gutter damaged now or during construction of this project. New curb and gutter shall be constructed per City Standard Details. The limits of curb and gutter repair will be determined by the Public Works Inspector during the construction phase of the project.

55. CONSTRUCTION NOISE. Between the hours of 7:30 a.m. to 5:30 p.m., weekdays and 9:00 a.m. to 5:30 p.m. weekends and holidays, construction, alteration or repair activities shall be allowed. No individual piece of equipment shall produce a noise level exceeding eighty-five (85) dBA at twenty-five (25) feet. If the device is located within a structure on the property, the measurement shall be made at distances as close to twenty-five (25) feet from the device as possible. The noise level at any point outside of the property plane shall not exceed eighty-five (85) dBA. Pickup and delivery of materials and equipment is restricted to the hours listed above unless prior written approval is obtained by the Public Works Department.

56. GOOD HOUSEKEEPING. Good housekeeping practices shall be observed at all times during the course of construction. Superintendence of construction shall be

diligently performed by a person or persons authorized to do so at all times during working hours. The storing of goods and/or materials on the sidewalk and/or the street will not be allowed unless a special permit is issued by the Engineering Division. The adjacent public right-of-way shall be kept clear of all job-related dirt and debris at the end of the day. Dirt and debris shall not be washed into storm drainage facilities. The storing of goods and materials on the sidewalk and/or the street will not be allowed unless a special permit is issued. The developer's representative in charge shall be at the job site during all working hours. Failure to maintain the public right-of-way according to this condition may result in the City performing the required maintenance at the developer's expense.

THE FOLLOWING SHALL BE SATISFIED PRIOR TO THE APPROVAL OF THE GRADING PLAN:

57. GEOLOGY AND SOIL MITIGATION MEASURES. A geotechnical investigation shall be conducted for the project to determine the surface and sub-surface conditions at the site and to determine the potential for surface fault rupture on the site. The geotechnical study shall provide recommendations for site grading as well as the design of foundations, retaining walls, concrete slab-on-grade construction, excavation, drainage, on-site utility trenching and pavement sections. The soils report shall include specific criteria and standards governing site grading, drainage, pavement design, retaining wall design, and erosion control. All recommendations of the investigation shall be incorporated into project plans. One copy of the geologic report shall be submitted with the grading permit and public improvement application. Prior to issuance of any permit, the applicant's soils engineer shall review the final grading and drainage plans to ensure that designs for foundations, retaining walls, site grading, and site drainage are in accordance with their recommendations. The applicant's soils engineer's approval shall then be conveyed to the City either by letter or by signing the plans.

58. GRADING.

    A. Grade all pads so that they drain directly to the public street at a minimum of one percent without the use of private drainage systems through rear and side yards.

    B. Grade any slopes with a vertical height of four (4) feet or more at a slope of 3H to 1V. Retaining walls that may be installed to reduce the slope must be masonry and comply with the City's building code.

    C. At least one week prior to commencement of grading, the applicant shall post the site and mail to the owners of property within 300 feet to the exterior boundary of the project site notice that construction work will commence. The notice shall include a list of contact persons with the name, title, phone number and area of responsibility. The person responsible for maintaining the list shall be included. The list shall always be kept current and shall consist of persons

with authority to indicate and implement corrective action in their area of responsibility. The names of the individual responsible for noise and litter control shall be expressly identified in the notice. The notice shall be reissued with each phase of major grading activity. A copy of the notice shall be concurrently transmitted to the City Engineer. The notice shall be accompanied by a list of the names and addresses of the property owners noticed, and a map identifying the area noticed.

D. Submit a Haul Route Plan to the City Engineer for review and approval prior to importing or exporting any material from the site. The plan shall include the location of the borrow or fill area, the proposed haul routes, the estimated number and frequency of trips, and the proposed schedule of hauling. Based on this plan, the City Engineering shall determine whether pavement condition surveys must be conducted along the proposed haul routes to determine what impacts the trucking activities may have. The project proponents shall be responsible to repair to their pre-construction condition any roads along the utilized routes.

E. Prior to commencement of any site work that will be result in a land disturbance of one acre or more, the applicant shall provide evidence to the City Engineer that the requirements for obtaining a State General Construction Permit have been met. Such evidence may be a copy of the Notice of Intent Letter sent by the State Water Resources Control Board. The WDID Number shall be shown on the grading plan prior to approval by the City Engineer.

F. The burying of any construction debris is prohibited on construction sites

59. NPDES – NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM. Comply with all rules, regulations and procedures of the NPDES for municipal, construction and industrial activities as promulgated by the California State Water Resources Control Board, the Regional Water Quality Control Board (Central Valley – Region IV), including the Stormwater C.3 requirements as detailed in the Guidebook available at www.cccleanwater.org

Compliance shall include developing long-term best management practices (BMP's) for the reduction or elimination of storm water pollutants. The project design shall incorporate wherever feasible, the following long-term BMP's in accordance with the Contra Costa Clean Water Program for the site's storm water drainage.

- Offer pavers for household driveways and/or walkways as an option to buyers.
- Minimize the amount of directly connected impervious surface area.
- Delineate all storm drains with "No Dumping, Drains to the Delta" permanent metal markers per City Standards.

- Construct concrete driveway weakened plane joints at angles to assist in directing run-off to landscaped/pervious areas prior to entering the street curb and gutter.
- Distribute public information items regarding the Clean Water Program to buyers.
- Other alternatives as approved by the City Engineer.
- Prepare an Operations and Maintenance Manual for the project's storm water control measures.

THE FOLLOWING SHALL BE SATISFIED PRIOR TO THE APPROVAL OF THE IMPROVEMENT PLAN:

60. ROADWAY IMPROVEMENTS. Construct the project streets to City public road standards and as shown on the Tentative Map with the following exceptions:

    A. The minimum street grade may be lowered from the standard 1% to 0.75% provided that the project proponent demonstrates that the City's drainage standards can be achieved.

    B. Submit a turning radius exhibit to the City Engineer for review and approval to illustrate that the ninety-degree turns of project streets can accommodate the largest expected vehicle to use the streets without the inclusion of City standard elbows. If the exhibit illustrates that elbows are necessary to accommodate the expected traffic, then they shall be included in the improvement plans.

        1. The street end of the public street, Thomas Drive, shall be evaluated to meet Fire District requirements for a turn around that meets City of Oakley Standards for a street end layout.

    C. The following improvements shall be installed by the developer. Plans for those improvements shall be prepared by a California registered civil engineer, reviewed and approved by the City.

        1. Oakley Road frontage improvements within project limits shall include curb, gutter, sidewalk, street lights, hard median with landscaping, tie-in paving, signing, striping, and storm drainage as required. Roadway improvements shall meet taper requirements for the posted 35 miles per hour.

        2. Signalization of Oakley Road & Live Oak Avenue. Developer shall enter into a reimbursement agreement with the City of Oakley to construct the necessary improvements at this intersection.

61. DRAINAGE IMPROVEMENTS.

    A. Provide Disclosure of the existing 54" storm drain line and easement to the future homeowners of applicable lots. The disclosure shall clearly state that no

structures requiring a building permit are to be constructed within the existing easement. The Home Owner's Association shall be responsible for any costs required for the replacement of any private improvements such as fencing, landscaping, and irrigation system if this existing 54" storm drain system needed to be replaced or repaired.

B. Collect and convey all stormwater entering and /or originating on this property, without diversion and within an adequate storm drainage facility, to an adequate natural watercourse having definable bed and banks, or to an existing adequate public storm drainage facility that conveys the storm waters to an adequate natural watercourse consistent with the plans for Drainage Zone Area 29H as prepared by the Contra Costa County Flood Control and Water Conservation District.

C. Submit a final hydrology and hydraulic report including 10-year and 100-year frequency event calculations for the proposed drainage system and stormwater pond to the city Engineer for review and approval.

D. Design and construct all storm drainage facilities in compliance with the Municipal Code and City design standards.

E. Prevent storm drainage from draining across the sidewalk(s) and driveway(s) in a concentrated manner.

F. Dedicate a public drainage easement over the drainage system that conveys storm water run-off from public streets.

62. SIGHT DISTANCE EXHIBIT. For the project driveways' ingress and egress, provide an exhibit that will analyze the sight distance required for the appropriate speed limit on Oakley Road and other public streets identified with this project as required by the City Engineer.

63. DESIGN CHANGES. The Applicant's registered Engineer shall notify the City Engineer, in writing, at least 72 hours in advance of all differences between the proposed work and the design indicated on the plans. Any proposed changes shall be subject to the approval of the City before altered work is started. A plan revision must be submitted for approval by the City Engineer.

64. JOINT TRENCH PLANS. The applicant shall submit Joint Trench Plans to the City for review prior to approval of improvement plans or recordation of the final map. The developer shall provide joint trench composite plans for the underground electrical, gas, telephone, cable television and communication conduits and cables including the size, location and details of all trenches, locations of building utility service stubs and meters and placements or arrangements of junction structures as a part of the improvement Plan submittals for the project. The composite drawings and/or utility improvement plans shall be signed by a licensed civil

engineer. The joint trench plans shall include street and/or site lighting and associated photometrics. A letter shall be provided by PG&E stating that public streetlight billing will be per Rule LS2A, and that private lights shall be metered with billing to the HOA. Pole numbers, assigned by PG&E, shall be clearly delineated on the plans.

65. UTILITIES & UNDERGROUNDING.

    A. Underground all new and existing utility distribution facilities per City of Oakley code section Title 6 Chapter 8 Underground Utility Districts.

    B. All utility boxes shall be installed underground, and all wires and cables must be installed in conduits. Compliance with this condition shall be at the discretion of the City Engineer.

    C. Above ground utility boxes shall be camouflaged per the review and approval of the City Engineer.

    D. A written approval from Diablo Water District and Iron House Sanitary District must be provided that all underground utility improvements have passed all testing requirements prior to commencement of paving a street.

66. STREET LIGHTS. Install streetlights along all project streets and the project's main frontage along Oakley Road. The City Engineer shall determine the final number and location of the lights, and the lights shall be on an LS2-A rate service. The lights on the project streets shall be decorative per City Standards and the lights along Oakley shall be spun aluminum "cobra head" style as required by the City of Oakley Standard Plans.

67. LANDSCAPING.

    A. Install public right-of-way landscaping along the project's frontages concurrently with the construction of the sound wall. Public right of way landscaping along the project streets shall be installed prior to occupancy of homes adjacent to that street.

    B. Maintain all landscaping within the public right-of-way until such time that the adjacent roadway improvements have been accepted for maintenance. Frontage landscaping shall be maintained by the HOA.

    C. Prior to the issuance of certificate of occupancy, an inspection will be performed to verify the health and location of the street trees per lot. Trees in poor health or those without adequate clearance from utilities will require replacement or relocation.

D. As part of the Community Benefit Program initiated through City Council adoption of Resolution 129-15, the Applicant has offered to pay for a prefabricated restroom to be installed at the adjacent Holly Creek Park and the necessary utility connections from Beldin Lane. Applicant shall contact the City Engineer for the cost of these improvements.

68. FENCING. Fencing and soundwalls shall be located on private property and maintained by the property owner or HOA.

THE FOLLOWING PUBLIC WORKS AND ENGINEERING CONDITIONS OF APPROVAL SHALL BE SATISFIED PRIOR TO THE APPROVAL OF THE FINAL MAP:

69. BONDS. The applicant shall supply suitable securities for all improvements that are a part of the development in a form acceptable to the City in the amount of 100% (performance) and 50% (labor and material) prior to issuance of any permit.

70. DRAINAGE FEES. Applicant shall comply with the drainage fee requirements for the designated Drainage Area as adopted by the County Board of Supervisors. The applicant shall pay the fee in effect at the time of final map approval. Certain improvements required by the Conditions of Approval for this development or the Code may be eligible for credit or reimbursement against the drainage area fee. The developer should contact the City Engineer to personally determine the extent of any credit or reimbursement for which they might be eligible. Any credit or reimbursements shall be determined prior to filing the final map or as approved by the Flood Control District

71. FINAL MAP. Submit a Final Map prepared by a Licensed Land Surveyor. The final map shall be recorded, and the subdivision agreement must be executed before any building permits for production homes are issued.

72. DEDICATIONS. The following shall be dedicated on the final map. The dedication shall be recorded before any permits are issued.

A. Oakley Road: Dedicate the required right-of-way along the project frontage to achieve a 40’ face of curb to centerline half street section plus 22’ for landscaping and sidewalk.

B. Public Utility Easement (PUE): 5’ PUE beyond Parcel A, B & C and as required.

C. Ingress-egress, storm drainage easements, as required.

D. Emergency Access Easement: Twenty (20) feet wide connecting Oakley Road and Thomas Drive.

Any necessary rights of way, rights of entry, permits and/or easements for the construction of off-site, temporary or permanent, public and private road, utility and drainage improvements shall be furnished to the City.

73. PRIVATE EASEMENTS. Agreements detailing rights, limitations, and responsibilities of involved parties shall accompany each private easement. The easements and associated agreements shall be recorded simultaneously with the final map.

74. UTILITY SETBACKS. House foundations shall be set back from utility lines a sufficient distance to allow excavation of the utility without undermining the house foundation. The City Engineer shall determine the appropriate setback based on the depth of the utility, input from the project soils engineer, and the type of foundation.

75. UTILITY EASEMENTS. Deed restrictions shall be placed on lots containing utility easements. The deed restrictions shall specify that no trees, fences, or hardscape are allowed within the easement boundaries, and that maintenance access must be provided. The City will prepare the deed language and the Applicant's surveyor shall prepare the legal description and plat. The Applicant shall pay any recordation costs.

76. MAINTENANCE ACCESS. Maintenance access agreement and easement need to be in place for any public improvements located within private property/lot.

THE FOLLOWING SHALL BE SATISFIED PRIOR TO THE ISSUANCE OF THE BUILDING PERMIT:

77. PAD CERTIFICATION. A letter from a licensed land surveyor stating that the building pad was constructed in accordance with the approved plans shall be provided prior to the issuance of the building permit.

78. SOILS ENGINEER CONSTRUCTION OBSERVATION. During construction, all excavations and grading shall be inspected by the applicant’s soils engineer prior to placement of concrete and/or backfill so they can verify that the actual conditions are as anticipated in the design-level geotechnical report and recommend appropriate changes in the recommendations contained in the report, if necessary. The results of the construction observation and testing should be documented in an “as-built” letter/report prepared by the applicants’ soils engineer and submitted to the City before any building permit is granted.

79. AGREEMENT FOR STORMWATER BEST MANAGEMENT PRACTICES INSPECTION AND MAINTENANCE OBLIGATIONS. The property owner/HOA shall enter into an agreement with the City for maintenance of the stormwater filtration devices required to be installed on this project. The agreement will specify that certain routine maintenance shall be performed by the property owner/HOA

and will specify device maintenance reporting requirements. The agreement will also specify routine inspection requirements, permits and payment of fees. The agreement shall be recorded prior to release of any occupancy permits.

80. AS-BUILT PLANS. After completion of the construction of all work, the original plans shall have all changes (change orders and field changes) clearly marked. The "as-built" plans shall again be signed and "wet-stamped" by the civil engineer who prepared the plans, attesting to the changes. The original "as-built" plans shall be review and approved the Engineering Inspector. A Mylar and AutoCAD disk of the approved "as-built" plans shall be provided to the City before acceptance of improvements.

81. IMPACT FEES

Comply with the requirements of the development impact fees listed below, in addition to those noticed by the City Council in Resolution 85-00 and 08-03. The applicant shall pay the fees in the amounts in effect at the time each building permit is issued.

A. Traffic Impact Fee (authorized by Ordinance No. 14-00, adopted by Resolution 49-03);

B. Regional Transportation Development Impact Mitigation Fee or any future alternative regional fee adopted by the City (authorized by Ordinance No. 14-00, adopted by Resolution No. 73-05);

C. Park Land Dedication In-Lieu Fee (adopted by Ordinance No. 03-03);

D. Park Impact Fee (authorized by Ordinance No. 05-00, adopted by Resolution No. 19-03);

E. Public Facilities Fee (authorized by Ordinance No. 05-00, adopted by Resolution No. 18-03);

F. Fire Facilities Impact Fee (adopted by Resolution No. 09-01);

G. General Plan Fee (adopted by Resolution No. 53-03);

The applicant should contact the City Engineer prior to constructing any public improvements to determine if any of the required improvements are eligible for credits or reimbursements against the applicable traffic benefit fees or from future developments.

82. ANNEXATIONS

A. Annex the property to the City of Oakley Community Facilities District No. 2018-1 Fire Protection Services (CFD) for funding certain services within the boundaries of the City of Oakley including fire protection services. The applicant shall apply for annexation and provide all information and documents required by the City to process the annexation. All costs of the annexations shall be paid by the applicant. The assessment shall be the per parcel annual amount set by CFD at the time of the annexation. Annexation shall be completed prior to filing of the final map.

B. Participate in the provision of funding to maintain police services by voting to approve a special tax for the parcels created by the subdivision approval. The tax shall be the per parcel annual amount (with appropriate future cost of living adjustment) as established at the time of voting by the City Council. The election to provide for the tax shall be completed prior to filing of the final map. If the homes are occupied prior to the City receiving the first disbursement from the tax bill, the project proponent shall be responsible for paying the pro-rate share for the remainder of the tax year prior to the City conducting a final inspection.

C. Annex the property to the City of Oakley Community Facilities District No. 2015-2 (CFD) for funding the maintenance and operation costs associated with regional, community and neighborhood parks, public area landscaping, street lights and storm water facilities. The applicant shall apply for annexation and provide all information and documents required by the City to process the annexation. All costs of the annexations shall be paid by Applicant. The assessment shall be the per parcel annual amount set by CFD at the time of annexation. Annexation shall be completed prior to filing of the final map.

ADVISORY NOTES

The following Advisory Notes are provided to the applicant as a courtesy but are not a part of the conditions of approval. Advisory Notes are provided for the purpose of informing the applicant of additional ordinance requirements that must be met in order to proceed with development.

A. The applicant/owner should be aware of the expiration dates and renewing requirements prior to requesting building or grading permits.

B. The project will require a grading permit pursuant to the Ordinance Code.

C. Applicant shall comply with the requirements of Iron House Sanitary District.

D. The applicant shall comply with the requirements of the Diablo Water District.

E. Comply with the requirements of the East Contra Costa Fire Protection District.

F. Comply with the requirements of the Building Inspection Division. Building permits are required prior to the construction of most structures.

G. This project may be subject to the requirements of the Department of Fish and Game. It is the applicant's responsibility to notify the Department of Fish and Game, P.O. Box 47, Yountville, California 94599, of any proposed construction within this development that may affect any fish and wildlife resources, per the Fish and Game Code.

H. The applicant shall be responsible for paying the County Recorder's Fee for the Notice of Determination as well as the State Department of Fish and Game's Filing Fee.

I. East Contra Costa County Habitat Conservation Plan Fee (adopted by Resolution No. 112-07 & 124-07).

PASSED AND ADOPTED by the City Council of the City of Oakley at a meeting held on the 10th day of September, 2019 by the following vote:

AYES:

NOES:

ABSENT:

ABSTENTIONS:

APPROVED:

_____
Claire Alaura, Mayor Date

ATTEST:

_____
Libby Vreonis, City Clerk Date

STAFF REPORT

DATE: September 10, 2019

TO: Bryan Montgomery, City Manager *Approved and Forwarded to the City Council*

FROM: Kenneth W. Strelo, Principal Planner

SUBJECT: **Subdivision 9015 Tentative Map Extension (TME 02-19) – Request for an additional three year extension to the expiration of Tentative Map 9015 (known as "Cosetti and Creson Subdivision") located at 4219 Machado Lane.**

Summary

This is an application by Doris Cosetti ("applicant") requesting to extend the approval of Tentative Map 9015 (known as "Cosetti and Creson Subdivision") for an additional three (3) years establishing a validity expiration date of September 11, 2022. The approved Tentative Map consists of approximately 28 acres subdivided into 98 detached single family residential lots, a 2.5 acre storm water pond, and a 1.3 acre park planned to be part of a future 2.6 acre park. The project site is zoned P-1 (Planned Unit Development) District. The project site is located at 4219 Machado Lane and zoned P-1 (Planned Unit Development) District. APNs 033-160-041, 033-190-003, and 033-190-004.

Staff Recommendation

Staff recommends the City Council adopt the resolution approving Subdivision 9015 Tentative Map Extension (TME 02-19), as conditioned.

Background and Project Description

General Plan and Zoning

The General Plan Land Use Designation for the project site is *Single Family Residential, Medium Density* ("SFM") as depicted in the Oakley 2020 General Plan Figure 2-2 (Land Use Diagram). The site is zoned P-1 (Planned Unit Development) District. The P-1 District was adopted in conjunction with the Tentative Map, and both the P-1 District and Tentative Map were found to be compatible with the SFM land use designation per City Council Ordinance 14-06.

Previous Entitlements and Subdivision Extensions

Oakley City Council adopted the project's California Environmental Quality Act ("CEQA") Negative Declaration, Vesting Tentative Map, Tree Permit, and Development Plan on September 11, 2006 through the adoption of City Council Resolution 114-06. In conjunction with the project entitlements, the City Council also rezoned the project site to P-1 District through adoption of Ordinance No. 14-06 on September 11, 2006. The Tentative Map received a three year approval period from its effective date, and therefore, was set to expire on September 11, 2009. However, through multiple state-wide automatic map extensions[1] the Tentative Map expiration date was extended for an additional seven years, or September 11, 2016. On September 27, 2016, the City Council adopted Resolution 150-16, which approved an additional three year extension to the Tentative Map setting the validity expiration date to September 11, 2019.

Environmental Review

It can be seen with certainty that the request for an extension to the Tentative Map will not result in any new physical impacts to the project, and therefore not result in any new significant environmental impacts. The project falls within the scope of the original California Environmental Quality Act ("CEQA") analysis and no further environmental analysis is required.

Analysis

The Subdivision Map Act (Government Code 66452.6 (e)) allows the governing body with authority to approve a tentative map to extend that approval for a period not to exceed six additional years from the original expiration date. That original expiration date would include any automatic extensions, such as the additional seven years that applied to this project. The City Council may grant multiple approvals on the same map, so long as requests for extensions are submitted prior to expiration of the map, pursuant to the Subdivision Map Act. Once a request for extension is filed, the tentative map is automatically extended for a period of 60 days or until an extension is granted, whichever occurs first. This application was filed on August 6, 2019. If this extension were approved for three additional years, under current legislation, zero years of discretionary extensions would remain.

The owners of the parcels have provided their reason for requesting the additional three year extension, which is that they are working with a land broker, who is still researching market value and seeking potential buyers/developers. Essentially, the owners need more time to sell the properties. This potential modification would not result in any physical changes to the parcel lines, parcel sizes, or any other physical element of the approved project. Approval of this extension would ensure the Tentative Map would still be valid for an additional three years allowing more time to

[1] SB 1185 (2008) – 12 months, AB 333 (2009) – 24 months, AB 208 (2011) – 24 months, and AB 116 (2013) – 24 months.

market the properties and eventually have them developed as approved by the Oakley City Council.

Both owners of the properties have agreed to annex the project into Community Facilities District No. 2018-1 (CFD 2018-1) in order to finance the costs of certain fire protection services. A condition of approval has been added to the proposed resolution.

Findings

Complete draft findings are included in the attached resolution.

Recommendation

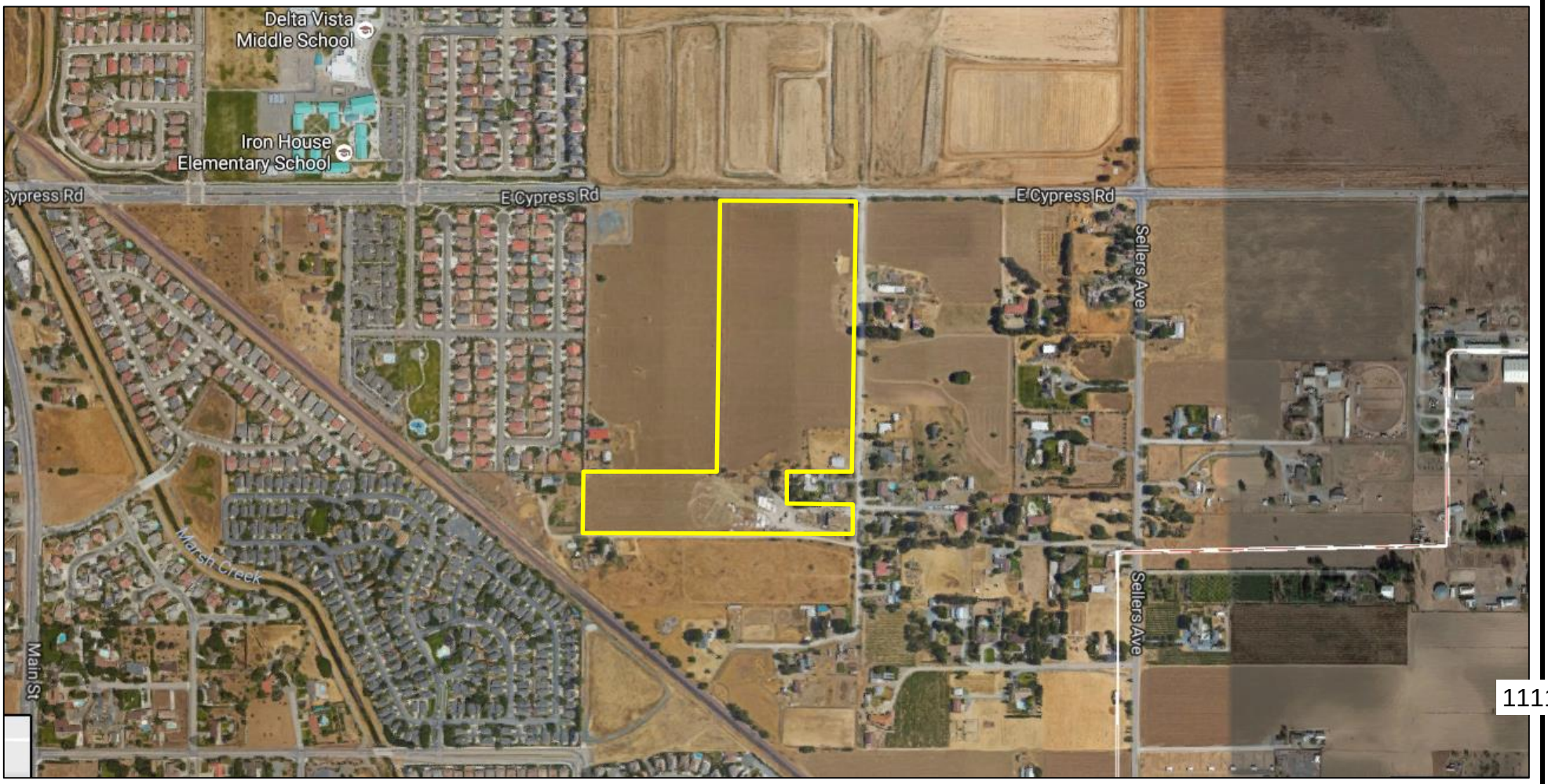
Staff recommends the City Council adopt the resolution approving Subdivision 9015 Tentative Map Extension (TME 02-19), as conditioned.

Attachments

1. Vicinity Map
2. Public Hearing Notice
3. Approved Tentative Map
4. Draft Resolution

Vicinity Map

Project: Subdivision 9015 Tentative Map Extension (TME 02-19)
Address: 4219 Machado Lane, Oakley, CA 94561; APNs 033-160-004, 033-190-003, and 033-190-004



City of Oakley
3231 Main Street
Oakley, CA 94561
www.oakleyinfo.com

NOTICE OF PUBLIC HEARING

Notice is hereby given that on **September 10, 2019** at 6:30 p.m., or as soon thereafter as the matter may be heard, the City Council of the City of Oakley will hold a Public Hearing at the Council Chambers located at 3231 Main Street, Oakley, CA 94561 for the purposes of considering an application for a **Tentative Map Extension**.

Project Name: Subdivision 9015 Tentative Map Extension (TME 02-19).

Project Location: 4219 Machado Lane, Oakley, CA 94561. APNs 033-160-041, 033-190-003, and 033-190-004.

Applicant: Doris Cosetti, private property owner.

Request: This is a public hearing on a request to extend the approval of Tentative Map 9015 (known as "Cosetti and Creson Subdivision") for an additional three (3) years establishing a validity expiration date of September 11, 2022. The approved Tentative Map consists of approximately 28 acres subdivided into 98 detached single family residential lots, a 2.5 acre storm water pond, and a 1.3 acre park planned to be part of a future 2.6 acre park. The project site is zoned P-1 (Planned Unit Development) District.

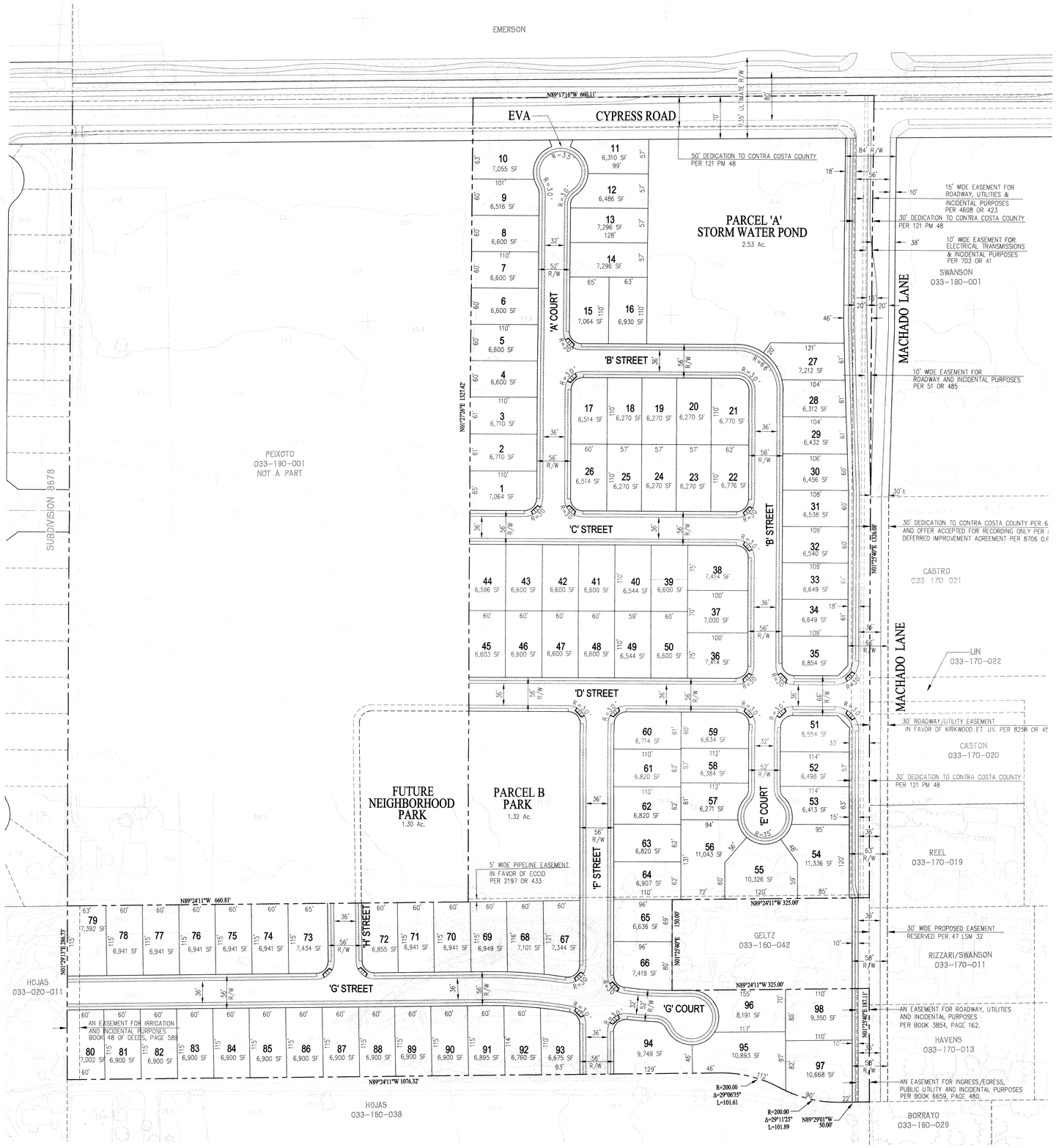
How to Review: The Staff Report and its attachments will be available for public review, on or before **September 5, 2019** at City Hall, 3231 Main Street, Oakley, CA 94561 or online at www.ci.oakley.ca.us/agendas-minutes-videos-archive/ by navigating to the **September 10, 2019** agenda and clicking the project title link. (Note: City Hall is closed on the 1st and 3rd Fridays of each month).

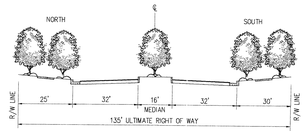
Interested persons are invited to submit written comments prior to and may testify at the public hearing. **Written comments may be submitted to Kenneth W. Strelo, Principal Planner at the City of Oakley, 3231 Main Street, Oakley, CA 94561 or by email to strelo@ci.oakley.ca.us.**

NOTICE IS ALSO GIVEN pursuant to Government Code Section 65009(b) that, if this matter is subsequently challenged in Court by you or others, you may be limited to raising only those issues you or someone else has raised at a Public Hearing described in this notice or in written correspondence delivered to the City of Oakley City Clerk at, or prior to, the Public Hearing.

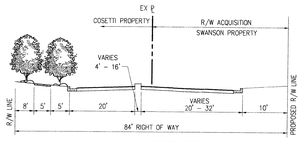
City of Oakley
Planning Division
3231 Main Street
Oakley, CA 94561

This is a Notice of Public Hearing

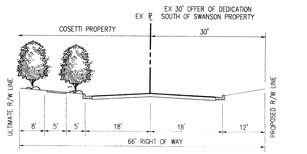




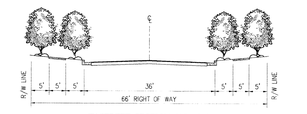
CYPRESS ROAD 4 LANE STREET SECTION (135' R/W)
NOT TO SCALE



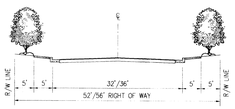
MACHADO LANE SECTION WITH MEDIAN (81' R/W)
NOT TO SCALE



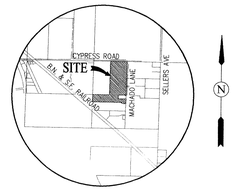
MACHADO LANE SECTION (WITHOUT MEDIAN)
NOT TO SCALE



'D' STREET SECTION (66' R/W)
NOT TO SCALE



TYPICAL IN-TRACT STREET SECTION (52'/56' R/W)
NOT TO SCALE



VICINITY MAP
NOT TO SCALE

GENERAL NOTES:

1. OWNER: DORIS COSETTI, 3325 FRASER ROAD, ANTIOCH, CA 94509; SHANNON & ANA CRESON, 4219 MACHADO LANE, OAKLEY, CA 94561
2. APPLICANT: GLOBAL INVESTMENT & DEVELOPMENT, LLC, 3470 WILSHIRE BOULEVARD, SUITE 1020, LOS ANGELES, CA 90010, PHONE: (213) 365-0005, CONTACT: JOSEPH RYANN
3. CIVIL ENGINEER: CARLSON, BARBEE & GIBSON, INC., 6111 BOLLINGER CANYON ROAD, SUITE 150, SAN RAMON, CA 94583, PHONE: (925) 866-0322
4. SOILS ENGINEER: ENGEO, INC., 2880 NORTH TRACY BOULEVARD, SUITE 3, TRACY, CA 95376, PHONE: (209) 835-0610
5. LAND AREA SUMMARY:

LOT AREA	= 15.83 Ac.
PARCEL A – STORM WATER POND	= 2.53 Ac.
PARCEL B – PARK	= 1.32 Ac.
MACHADO LANE	= 1.37 Ac.
CYPRESS ROAD	= 1.06 Ac.
IN-TRACT STREETS	= 5.76 Ac.
TOTAL AREA	= 27.87 Ac.

6. TOTAL NUMBER OF LOTS = 98
7. DENSITY = 3.5 D.U. / GROSS ACRE
8. LAND USE: EXISTING – AGRICULTURAL; PROPOSED – SINGLE FAMILY RESIDENTIAL
9. ZONING: PLANNED DEVELOPMENT
10. GENERAL PLAN: SINGLE FAMILY MEDIUM
11. UTILITIES: WATER: DIABLO WATER DISTRICT; SEWER: IRONHOUSE SANITARY DISTRICT; GAS & ELECTRIC: PACIFIC GAS & ELECTRIC COMPANY; TELEPHONE: SBC CALIFORNIA
12. PROJECT SITE APN'S: 033-190-003, 033-190-004 & 033-160-041
13. MULTIPLE FINAL MAPS MAY BE FILED ON THE LANDS SHOWN ON THIS MAP.
14. ALL TREES, FENCES, & BUILDINGS WITHIN DEVELOPED AREAS TO BE REMOVED.
15. FLOOD ZONE INFORMATION: ZONE X: AREAS OUTSIDE THE 100-YEAR FLOODPLAIN.

FLOOD ZONE INFORMATION FROM: FEMA FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 06078603E0A, EFFECTIVE DATE: FEBRUARY 2, 2002.

LOT SUMMARY

LOT AREA (SF)	# OF LOTS
6,000 – 6,999	75
7,000 – 7,999	15
8,000 – 8,999	1
9,000 – 9,999	2
10,000+	5
TOTAL	98

AVERAGE LOT SF = 7,037 SF

RECEIVED
JUL 14 2006
CITY OF OAKLEY
COMMUNITY DEVELOPMENT DEPT.

CITY OF OAKLEY

APPROVED
SEP 11 2006
COMMUNITY DEVELOPMENT DEPT.
C.C. Reso. 114-06

COSETTI AND CRESON PROPERTIES

VESTING TENTATIVE MAP & PLANNED DEVELOPMENT PLAN

SUBDIVISION 9015

CITY OF OAKLEY CONTRA COSTA COUNTY CALIFORNIA

SCALE: 1" = 60'
DATE: MARCH 20, 2005

Carlson, Barbee & Gibson, Inc.
CIVIL ENGINEERS • SURVEYORS • PLANNERS
6111 Bollinger Canyon Road, Suite 150 • San Ramon, CA 94583
925-866-0322 • fax 925-866-8575
www.cbandg.com

SHEET NO. 1 OF 2 SHEETS

G:\1340\ACAD\TM\TM01.DWG

EXHIBIT A

1114

RESOLUTION NO. XX-19

A RESOLUTION OF THE CITY OF OAKLEY CITY COUNCIL MAKING FINDINGS AND APPROVING A TENTATIVE MAP EXTENSION FOR SUBDIVISION 9015 TENTATIVE MAP EXTENSION (TME 02-19)

FINDINGS

WHEREAS, on August 6, 2019, Doris Cosetti ("applicant") filed an application requesting to extend the approval of Tentative Map 9015 (known as "Cosetti and Creson Subdivision") for an additional three (3) years establishing a validity expiration date of September 11, 2022. The approved Tentative Map consists of approximately 28 acres subdivided into 98 detached single family residential lots, a 2.5 acre storm water pond, and a 1.3 acre park planned to be part of a future 2.6 acre park. The project site is zoned P-1 (Planned Unit Development) District. The project site is located at 4219 Machado Lane and zoned P-1 (Planned Unit Development) District. APNs 033-160-041, 033-190-003, and 033-190-004; and

WHEREAS, the approved Tentative Map was set to expire on September 11, 2019; and

WHEREAS, the approved Tentative Map consists of approximately 28 acres subdivided into 98 detached single family residential lots, a 2.5 acre stormwater pond, and a 1.3 acre park planned to be part of a future 2.6 acre park; and

WHEREAS, the General Plan Land Use Designation for the project site is Single Family Residential, Medium Density ("SFM") as depicted in the Oakley 2020 General Plan Figure 2-2 (Land Use Diagram); and

WHEREAS, the Tentative Map was originally approved by the Oakley City Council on September 11, 2006 through adoption of Resolution 114-06. Approval of the rezone to P-1 District was also on September 11, 2006 adoption of Ordinance 14-06; and

WHEREAS, a three year Tentative Map Extension was approved by the Oakley City Council on September 27, 2016 through adoption of Resolution 150-16; and

WHEREAS, it can be seen with certainty that the request for an extension to the Tentative Map will not result in any new physical impacts to the project, and therefore not result in any new significant environmental impacts. The project falls within the scope of the original California Environmental Quality Act ("CEQA") analysis and no further environmental analysis is required; and

WHEREAS, on or before August 30, 2019, the Notice of Public Hearing for the project was published in the Contra Costa Times, posted at Oakley City Hall located at 3231 Main Street, outside the gym at Delta Vista Middle School located at 4901 Frank Hengel Way, and outside the library at Freedom High School located at 1050 Neroly

Road, and at the project location, and mailed out to all owners of property within 500 feet of the project boundaries, outside agencies, and parties requesting such notice; and

WHEREAS, on September 10, 2019, the City Council opened the public hearing and received a report from City Staff, oral and written testimony from the applicant and public, and deliberated on the project. At the conclusion of its deliberations, the City Council took a vote and adopted this resolution to approve the project, as revised by the City Council during its deliberations; and

WHEREAS, if any term, provision, or portion of these Findings or the application of these Findings to a particular situation is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remaining provisions of these Findings, or their application to other actions related to the Project, shall continue in full force and effect unless amended or modified by the City; and

WHEREAS, these Findings are based on the City's General Plan, the City's Zoning and Subdivision Ordinances, the Subdivision Map Act, Vesting Tentative Map 9015, the applicable P-1 District, and the information submitted to the City Council at its September 10, 2019 meeting, both written and oral, including oral information provided by the applicant, as reflected in the minutes of such meetings, together with the documents contained in the file for the Subdivision (hereafter the "Record").

NOW, THEREFORE, BE IT RESOLVED THAT, on the basis of the above Findings and the entire Record, the City Council makes the following additional findings in support of the recommended approvals:

A. Regarding the application requesting approval of Subdivision 9015 Tentative Map Extension (TME 02-19), the City Council finds that:

   1. The proposed Tentative Map Extension does not modify any of the original Tentative Map's design, and therefore, all of the findings made on the original Tentative Map (City Council Resolution 114-06) and original three year discretionary extension (City Council Resolution 150-16) are still valid and apply to this extension; and

   2. All conditions of approval in City Council Resolutions 114-06 and 150-16, not otherwise modified by this resolution, are still in effect.

B. The Project complies with Measure J Growth Management requirements.

BE IT FURTHER RESOLVED THAT, on the basis of the above Findings and the Record, the City Council approves the applicant's request for Subdivision 9015 Tentative Map Extension (TME 02-19), subject to the following conditions:

THE FOLLOWING CONDITIONS OF APPROVAL SHALL BE SATISFIED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT UNLESS OTHERWISE NOTED (BOLD CONDITIONS ADDED OR AMENDED AT PUBLIC HEARING):

Conditions of Approval

1. Applicant shall comply with the requirements of the Oakley Municipal Code and applicable Conditions of Approval from City Council Resolutions 114-06 and 150-16, and City Council Ordinance No. 14-06. Any exceptions must be stipulated in these Conditions of Approval.

2. This approval shall extend the period of the Tentative Map and related approvals for a period of three (3) additional years, resulting in Subdivision 9015 expiring on September 11, 2022, unless it is further extended pursuant to the Subdivision Map Act or other automatic extensions. In combination with the previous three year extension, this extension shall constitute six (6) years of the maximum six (6) years of discretionary extension(s) allowed under Government Code section 66452.6(e). (Replaces Condition No. 2 of City Council Resolution 150-16).

3. All conditions of approval shall be satisfied by the owner/developer. All costs associated with compliance with the conditions shall be at the owner/developer's expense.

4. The applicant shall indemnify, defend, and hold harmless the City of Oakley, the City Approving Authorities, and the officers, agents, and employees of the City from any and all claims, damages and liability (including, but not limited to, damages, attorney fees, expenses of litigation, costs of court).

Public Works and Engineering Conditions

5. Annex the property to the City of Oakley Community Facilities District No. 2018-1 (CFD 2018-1) in order to finance the costs of certain fire protection services. The applicant shall apply for annexation and provide all information and documents required by the City to process the annexation. All costs of the annexations shall be paid by Applicant. The assessment shall be the per parcel annual amount set by CFD at the time of annexation. Annexation shall be completed prior to filing of the final map.

Advisory Notes:

The following Advisory Notes are provided to the applicant as a courtesy but are not a part of the conditions of approval. Advisory Notes are provided for the purpose of informing the applicant of additional ordinance requirements that must be met in order to proceed with development.

A. The applicant/owner should be aware of the expiration dates and renewing requirements prior to requesting building or grading permits.
B. The project will require a grading permit pursuant to the Ordinance Code.
C. Applicant shall comply with the requirements of Ironhouse Sanitary District.
D. The applicant shall comply with the requirements of the Diablo Water District.

E. Comply with the requirements of the East Contra Costa Fire Protection District.
F. Comply with the requirements of the Building Inspection Division. Building permits are required prior to the construction of most structures.
G. This project may be subject to the requirements of the Department of Fish and Wildlife. It is the applicant's responsibility to notify the Department of Fish and Wildlife, P.O. Box 47, Yountville, California 94599, of any proposed construction within this development that may affect any fish and wildlife resources, per the Fish and Game Code.
H. This project may be subject to the requirements of the Army Corps of Engineers. It is the applicant's responsibility to notify the appropriate district of the Corps of Engineers to determine if a permit is required, and if it can be obtained.
I. The applicant shall obtain an encroachment permit for construction within existing City rights of way.

PASSED AND ADOPTED by the City Council of the City of Oakley at a meeting held on the September 10, 2019 by the following vote:

AYES:

NOES:

ABSENT:

ABSTENTIONS:

APPROVED:

_____
Claire Alaura, Mayor

ATTEST:

_____ _____
Libby Vreonis, City Clerk Date

STAFF REPORT

DATE: September 10, 2019

TO: Bryan Montgomery, City Manager *Approved and Forwarded to the City Council*

FROM: Joshua McMurray, Community Development Director

SUBJECT: **Oakley General Plan Update Work Session – Update on public input and next steps**

Background and Recommendation

The City of Oakley has initiated a targeted update to its existing General Plan. The City Council awarded the contract to De Novo Planning Group to assist in the preparation of the update. Over the past few months, the City and De Novo conducted two Visioning Workshops and hosted a web based community survey to gather information. The Visioning Workshops provided an opportunity for the public to offer their thoughts on what they value about their community and the City, and what important issues should be addressed in the focused update of the General Plan.

The focus of the City Council Work Session is to: 1) present the City Council with the results of the visioning process, 2) identify elements of the General Plan that we anticipate revising to address the priorities/concerns identified by the community, and 3) ask the City Council for their input and priorities for the General Plan Update.

Included with this Staff Report is the Visioning White Paper that discusses in detail the two Visioning Work Shops and the community input received thus far.

Recommendation

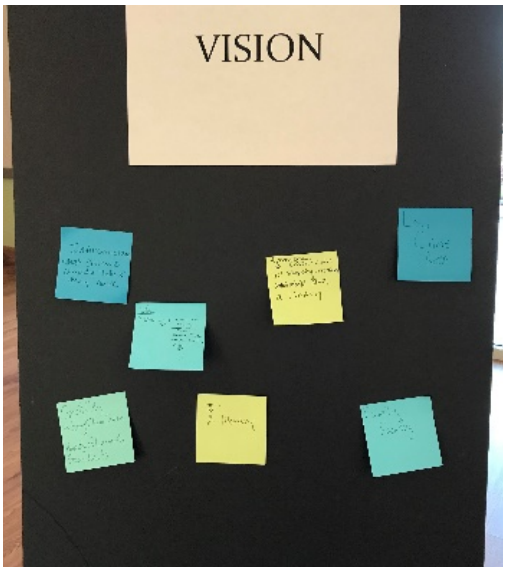
Staff recommends the City Council review the information provided, through the Staff Report and Power Point presentation, and provide Staff and De Novo Planning Group with comments and direction.

Attachments

1. White Paper – Visioning Work Shops

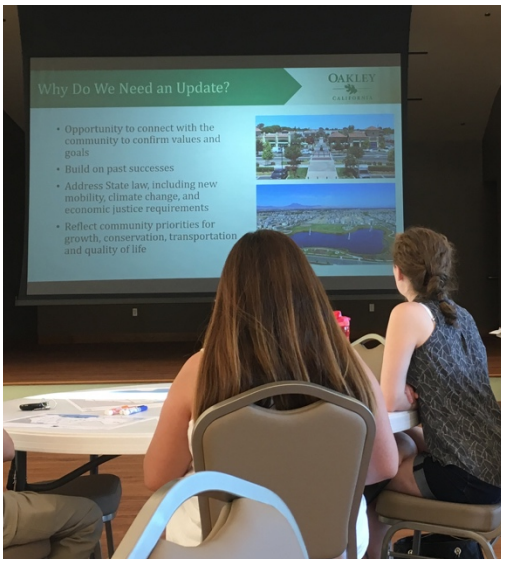
OAKLEY

General Plan Update









August 2019

VISIONING WHITE PAPER

City of Oakley Focused General Plan Update

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COMMUNITY SURVEY 22

Attachment A

Attachment B – Community Survey Results

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OVERVIEW

In June 2019, the City began an outreach program to engage community members in the General Plan Update. The General Plan Update team held two community-wide Visioning Workshops and gathered information via an online community survey. The outreach effort garnered input from City residents, members of the business community, property owners, and stakeholders. The outreach program for this project is designed to facilitate a meaningful conversation with the Oakley community about the issues and opportunities that are most important to them.

The Visioning Workshops provided an opportunity for the public to offer their thoughts on what they value about their community and the City, and what important issues should be addressed in the focused update of the General Plan. The survey was made available on-line and also encouraged input from community members that may not attend City meetings. The Visioning Workshops and the on-line survey were advertised on the City website (https://www.ci.oakley.ca.us/general-plan-update/), the City's social media platforms, including Twitter and Facebook, and at City Council meetings.

The General Plan update effort will continue to involve numerous opportunities for the community to learn about the project and provide their input, including traditional in-person workshops, open houses, and online surveys.

This Visioning White Paper memorializes what was discussed at two Visioning Workshops and the results from the June/July 2019 online survey.

This Visioning White Paper includes the following components:

Overview: This section describes the community outreach efforts and goals, as well as the approach to advertising the visioning events.

Core Values: This section summarizes the core values for the General Plan Update based on input from participants at the Visioning Workshops and the on-line survey.

Visioning Workshops: This section summarizes the input provided at each of the two Visioning Workshops.

On-Line Survey Results: This section summarizes the feedback provided via the on-line survey.

CORE VALUES

The feedback provided by the community provides the City with a broad overarching vision for the development of the General Plan Update, and identifies key community values and priorities that should be carefully considered in the General Plan Update process. As a result of the workshops and on-line survey, the following key themes have been identified:



Community Character: Residents value Oakley's small-town feel, family-oriented community, parks, schools, and its agricultural heritage. Oakley's distinctive and growing downtown area, the Delta and waterfront, and the rural and open space feel of the area are key assets that contribute to Oakley's character.

Mobility: Cars have traditionally been, and will continue to be a vital part of Oakley's transportation network. Addressing traffic continue to be a priority. However, as the city continues to grow, additional emphasis needs to be placed on alternative ways of getting around, including walking, bicycling, and public transit. Increasing the safety and functionality of the entire circulation system is a high priority for the City.

Economy: The community expressed the need for more local jobs and continuing to improve the City's economic/employment base, indicating that industrial uses, particularly in the technology-related sector, business parks, and commercial uses that provide high-quality, well-paid jobs for the City's workforce are a priority.

Shopping and Services: A desire for more shopping, particularly grocery and community-serving stores, restaurants, and social venues that provide entertainment and family-oriented recreation opportunities, grocery stores, was identified by community members.

Parks, Recreation, and Entertainment: The community's desire for healthy and active lifestyle options was demonstrated by the stated need for parks and continued improvements to parks, access to the waterfront, family-friendly events, and recreation and activity programs for all ages.

Community Services and Resources: Community safety and community-oriented facilities and services, including a local library, improvements to schools, and family- and youth-oriented activities, were key concerns identified during the Visioning process. An on-going commitment to a responsive police department and fire department and to proactive management of safety, homelessness, and crime is needed for residents to continue to feel safe.

Growth: Services and infrastructure must be planned to keep pace with growth, particularly housing, and new development should reflect the desired character of the community and respect the rural, open space, and agricultural nature of the area.

Attachment A summarizes how the core values expressed through the Visioning process will be addressed in the General Plan Update.

VISIONING WORKSHOPS

The City hosted two General Plan Update Visioning Workshops in June 2019. Each Workshop focused on addressing a different topic. Each Workshop included a brief overview of the General Plan, including why it's important and why the City is updating its Plan, some background information on the evening's topic, and a series of facilitated activities to solicit input on key topics or ideas. The topics explored in each Workshop along with summaries of what we heard from the community are provided in the following pages. The intent of this section of the Visioning White Paper is to present the information we received without making assumptions or recommendations. The feedback we received has been recorded here in order to memorialize the key themes and ideas, and it will be used to help inform future work tasks associated with the General Plan Update, including evaluation of opportunities and challenges, development of land use alternatives, and creation of new goals and policies.



Workshop 1

Community Vision

June 5, 2019

Workshop 2

Mobility & Environmental Justice

June 13, 2019

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Workshop #1: Vision, Values, and Focus Areas

This initial Visioning Workshop was the community kick off for the General Plan Update project. This Workshop provided an overview of the General Plan process and focused on identifying the overall vision and guiding principles for the General Plan Update. Four Oakley residents and other stakeholders attended the Workshop.

Following a brief presentation on the General Plan Update, the consultant team facilitated two activities to help open a dialogue with the community regarding the vision for the future and priority areas to be addressed. Each activity and the feedback provided by workshop attendees are summarized on the following pages.

Activity #1 – Vision, Assets, and Challenges Post-Its

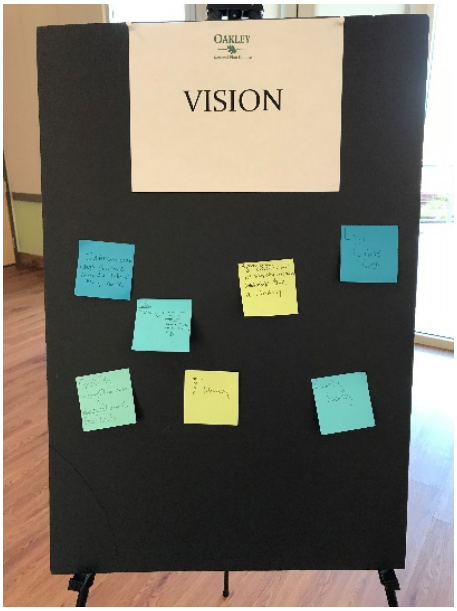
The first activity during Visioning Workshop #1 was a Post-It activity. Meeting attendees were provided stacks of blank Post-it notes and asked to write down what they think are Oakley's primary assets and challenges, along with their vision for the future of the City. Questions posed to the group for consideration included:

- What do you value most about Oakley?
- What are important aspects of the community's culture and traditions?
- What issues are facing the City?
- What obstacles or concerns are facing your neighborhood or community?
- What ideal or dream City look and feel like?
- What would you like to see accomplished by 2040?



The feedback from the meeting attendees for Activity #1 is listed below.

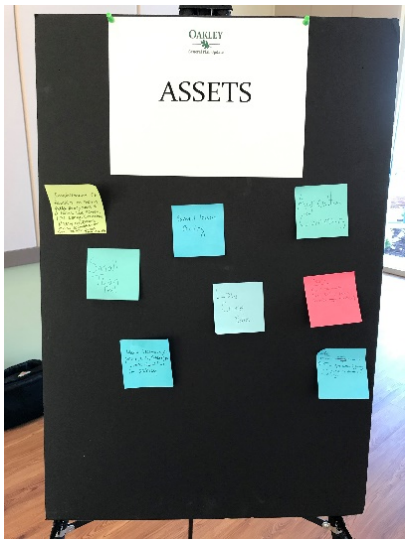
Vision



- Low crime rate
- Family friendly
- A library
- A walkable downtown with shopping, restaurants, and a library
- Dream city: active voiced community, festivals, creative Tiesto activities hosted in City
- Small City with small town charm and plenty of community spaces/events
- Infrastructure that citizens already "believe" they have
- Infrastructure – I realize the need for property tax revenue but we need to make sure that additional housing is actually accessible. Case in point – the new KB home development at Main and Simoni Ranch will only add to the terrible traffic jams caused by parents dropping their kids off at school. Has anyone from the city spent time parked at the side of the road and seen the horrible traffic?
- Oakley – "a place for families." Perhaps the younger generation doesn't want big yards and if that's the case, I'll not say anything else. However, I think most young families with children want a backyard. I think the City Council and Staff need to actually check out properties in addition to looking at plot layouts – I think folks would be surprised at the lack of yard space in new subdivisions. I suspect that most of us old-timers actually have some property and don't realize how small the plots are for these new houses. Check out the new houses on Laurel before Rose.
- Enough with the storage units and gas stations! Enough said on that one. Oakley shouldn't be known as the place to ditch your junk.

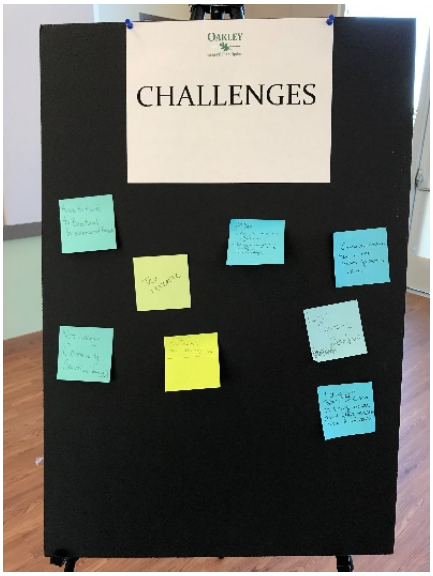
Assets

- Many teachers, police, fire, City staff, etc work and live in Oakley
- I value Council's involvement
- The community culture is growing constantly and it's nice to see visual progress
- Low crime rate
- Good community
- Low crime area
- Streets are maintained
- Agriculture community
- Small town feel
- Small town feeling
- Involvement of families in many programs and activities like schools, Little League, churches – many neighbors know each other or someone who knows someone else



Challenges

- Tax revenue
- Not enough community spaces (i.e., Library too small)
- Infrastructure
- More stores/plaza
- Empty plots without plans/delayed plans
- Not enough voicing out on what's happening around (not informative enough)
- Low economic development
- Lack of space/place in City to bring people and ideas together like a library
- Infrastructure not in line with growth rate
- Have to travel to Brentwood for entertainment, food, etc



Activity #2 – Focus Areas

The second activity during Visioning Workshop #1 was a mapping activity. Community members formed two groups of two people. Each group was provided one large map of the City of Oakley, an instruction sheet with nine various icon stickers (shown below), and worksheets in order to complete this activity. The large map included pre-designated focus areas (1 through 6). The community members were provided the following instructions in order to identify various concerns for each focus area on the City of Oakley map:

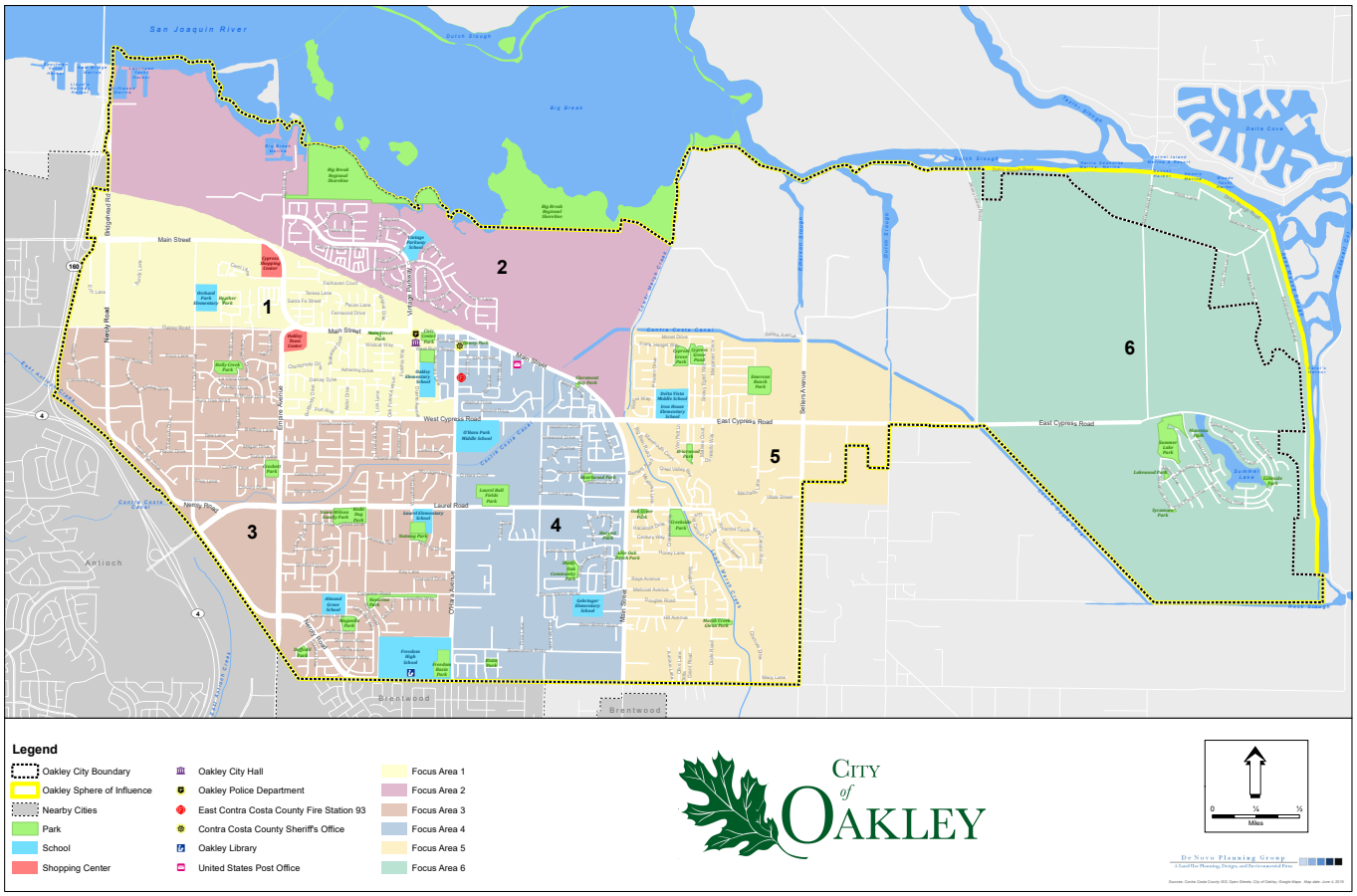
- Identify the top three concerns for each area:
  - Lack of services
  - Housing affordability
  - Pollution
  - Food access
  - Noise
  - Cultural/language barriers
- Identify the top four solutions and amenities needed for each area using the following stickers:

Solutions and Amenities	
	***Safe & Affordable Housing:*** *Housing affordable to the workforce and lower income groups and/or housing that addresses special needs (seniors, disabled, homeless) is needed in this area.*
	***Community Services:*** *Retail and service uses that are used by residents on a regular basis are needed in this area.*
	***Parks & Recreation:*** *More parks and recreation opportunities are needed in this area.*
	***Pedestrian & Bicycle Access:*** *Safe and well-connected pedestrian and/or bicycle routes are needed to connect this community to parks, community services, Downtown, and other destinations in the area.*
	***Nutritious & Fresh Foods:*** *Grocery stores, markets, restaurants, and farmers markets that have nutritious and fresh food options are needed.*
	***Maintenance & Renovation:*** *The uses in this area are appropriate, but buildings, landscaping, and facilities need to be renovated and/or improved to be safe and aesthetically pleasing.*
	***Public Facility:*** *Public facilities, such as schools, parks, recreation, and/or community centers, are needed in this area.*
	***Cultural & Language Access:*** *Opportunities for community involvement need to address more languages and cultures than traditional meeting and outreach approaches.*
	***Public Safety:*** *More attention is needed to public safety, including an increased law enforcement presence, ensuring parks and schools are safe, and providing safe streets and community areas.*

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- Each group filled out a worksheet or annotated their map to address the following questions for each focus area:
    - What are the top three concerns for this area?
    - What does this area need more of?

The six focus areas are shown in the figure below. The results of the Focus Areas Mapping Activity are summarized on the following pages.



Group #1 Map

Focus Area 2:

Top concerns for this area:

- Too many liquor and tobacco stores catering to promote alcohol and substances

Top needs for this area:

- Public safety
- Public facility
- Nutritious and fresh foods
- Community services

Additional input:

- More activity groups for teens (art groups, martial art classes, entertainment in general
- Beautification towards spread apart streets, more plants

Focus Area 4:

Top concerns for this area:

- Too many liquor and tobacco stores catering to promote alcohol and substances

Top needs for this area:

- Public safety
- Public facility
- Nutritious and fresh foods
- Community services

Additional input:

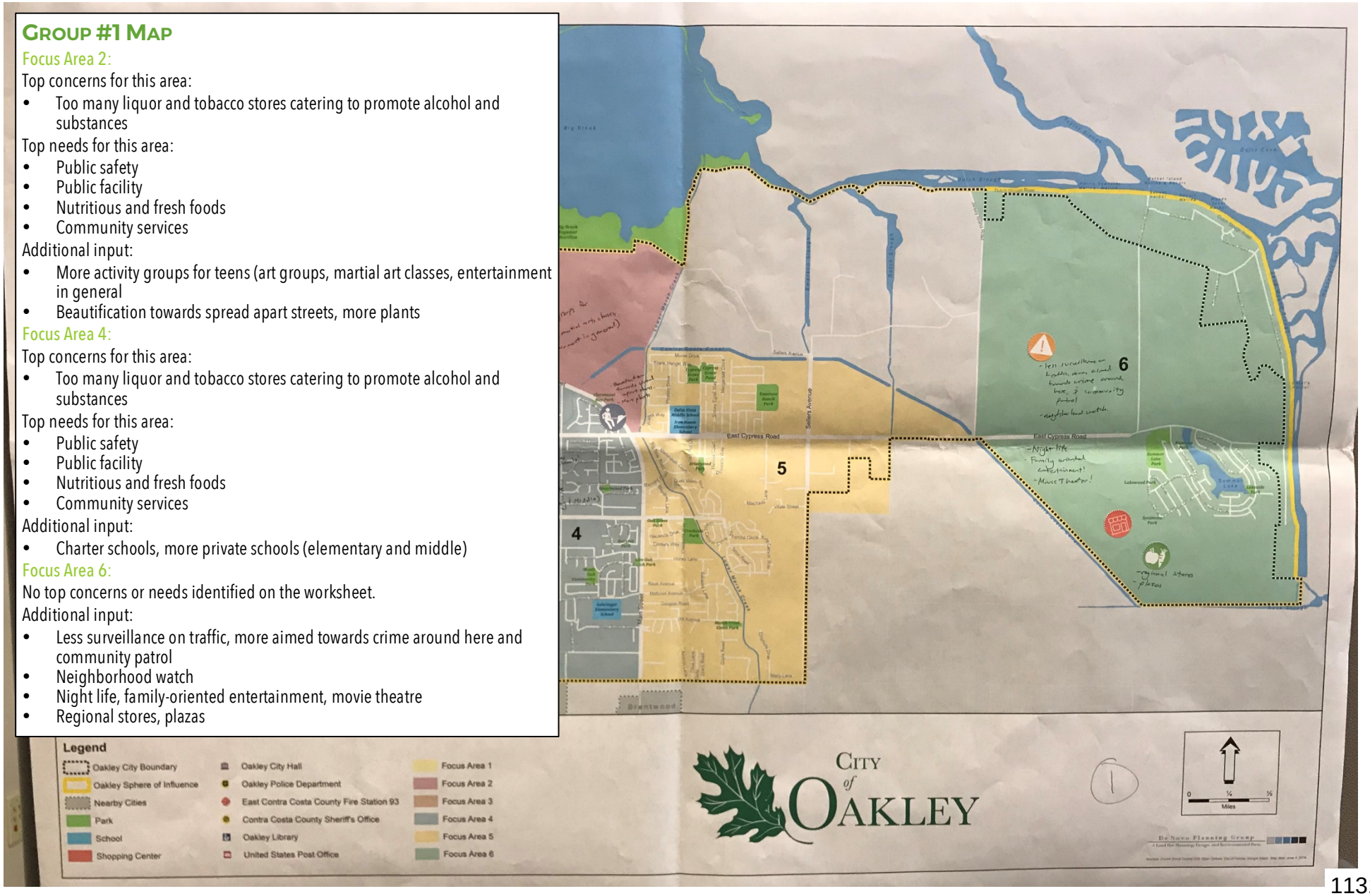
- Charter schools, more private schools (elementary and middle)

Focus Area 6:

No top concerns or needs identified on the worksheet.

Additional input:

- Less surveillance on traffic, more aimed towards crime around here and community patrol
- Neighborhood watch
- Night life, family-oriented entertainment, movie theatre
- Regional stores, plazas



Group #2 Map

Focus Area 1:

Top concerns for this area:

- Need of aesthetic improvements
- Lack of safe and affordable housing
- Disparity between one area of Empire and the other

Top needs for this area:

- Public facilities
- Parks and recreation
- Safe and affordable housing
- Maintenance and renovation

Focus Area 2:

Top concerns for this area:

- Lack of services
- Air pollution/bug problem – residents don't open doors at times because bugs are so bad
- Road access in and out of area

Top needs for this area:

- Public safety
- Maintenance and renovation
- Public facilities
- Safe and affordable housing

Focus Area 3:

Top concerns for this area:

- Lack services
- Poor roads/unsafe roads
- Food access

Top needs for this area:

- Community services
- Maintenance and renovation
- Nutritious and fresh foods
- Pedestrian/bicycle access

Focus Area 4:

Top concerns for this area:

- Lack of services
- Need of aesthetic improvements along Main St.
- Food access

Top needs for this area:

- Public facilities
- Community services
- Maintenance and renovation
- Nutritious and fresh foods

Focus Area 5:

Top concerns for this area:

- Lack of services
- Need of aesthetic improvements along Main St.
- Food access

Top needs for this area:

- Community services
- Maintenance and renovation
- Nutritious and fresh foods
- Public facilities

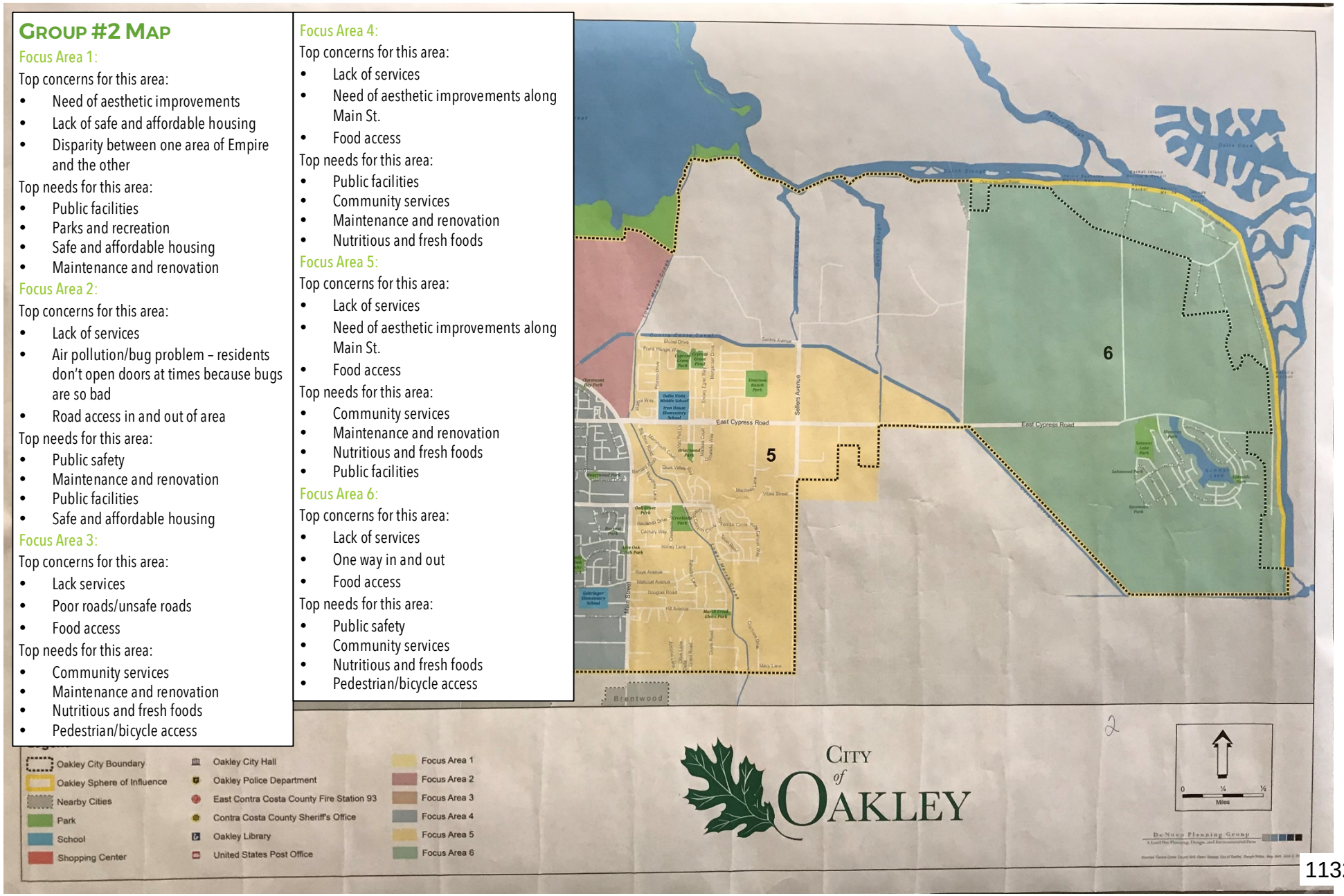
Focus Area 6:

Top concerns for this area:

- Lack of services
- One way in and out
- Food access

Top needs for this area:

- Public safety
- Community services
- Nutritious and fresh foods
- Pedestrian/bicycle access



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Workshop #2: Mobility

This second Visioning Workshop provided an overview of the General Plan process and focused on identifying the transportation and mobility issues and concerns in Oakley. Four Oakley residents, property owners, and other stakeholders attended the Workshop.

Visioning Workshop #2 included three activities: Mobility Barriers Mapping activity, a Mobility Vision activity, and a Prioritization activity. The feedback that was provided during the activities is summarized below.

Activity #1 – Mobility Barriers

The first activity during Visioning Workshop #2 was a mapping activity. Community members formed four groups of one to two people. Each group was provided one large map of the City of Oakley and a sheet with five various icons (shown below) in order to complete this activity. The community members were asked to identify barriers to mobility and access on the City of Oakley map using stickers and markers. The following stickers and topic areas were identified:



Automobile
e.g. constraints to motor vehicle circulation, such as traffic congestion, delays to motor vehicles, limited parking, site access restrictions, etc.



Bicycling
e.g. constraints to bicycle transportation, such as lack of bicycle lanes, paths or bicycle parking, and/or uncomfortable existing bike facilities, etc.



Walking
e.g. constraints to walking, such as difficult crossings, sidewalk gaps, uncomfortable walking environment, barriers limiting pedestrian access to specific destinations, etc.



Transit
e.g. constraints to transit use, such as destinations lacking transit service, barriers to accessing transit stops, service frequencies, , delays to buses, etc.



Safety-Related
e.g. safety concerns for motorists, bicyclists, pedestrians and transit riders; concerns about speeding or cut-through traffic, etc.

The results of the Barriers to Mobility and Access Mapping activity are summarized below.

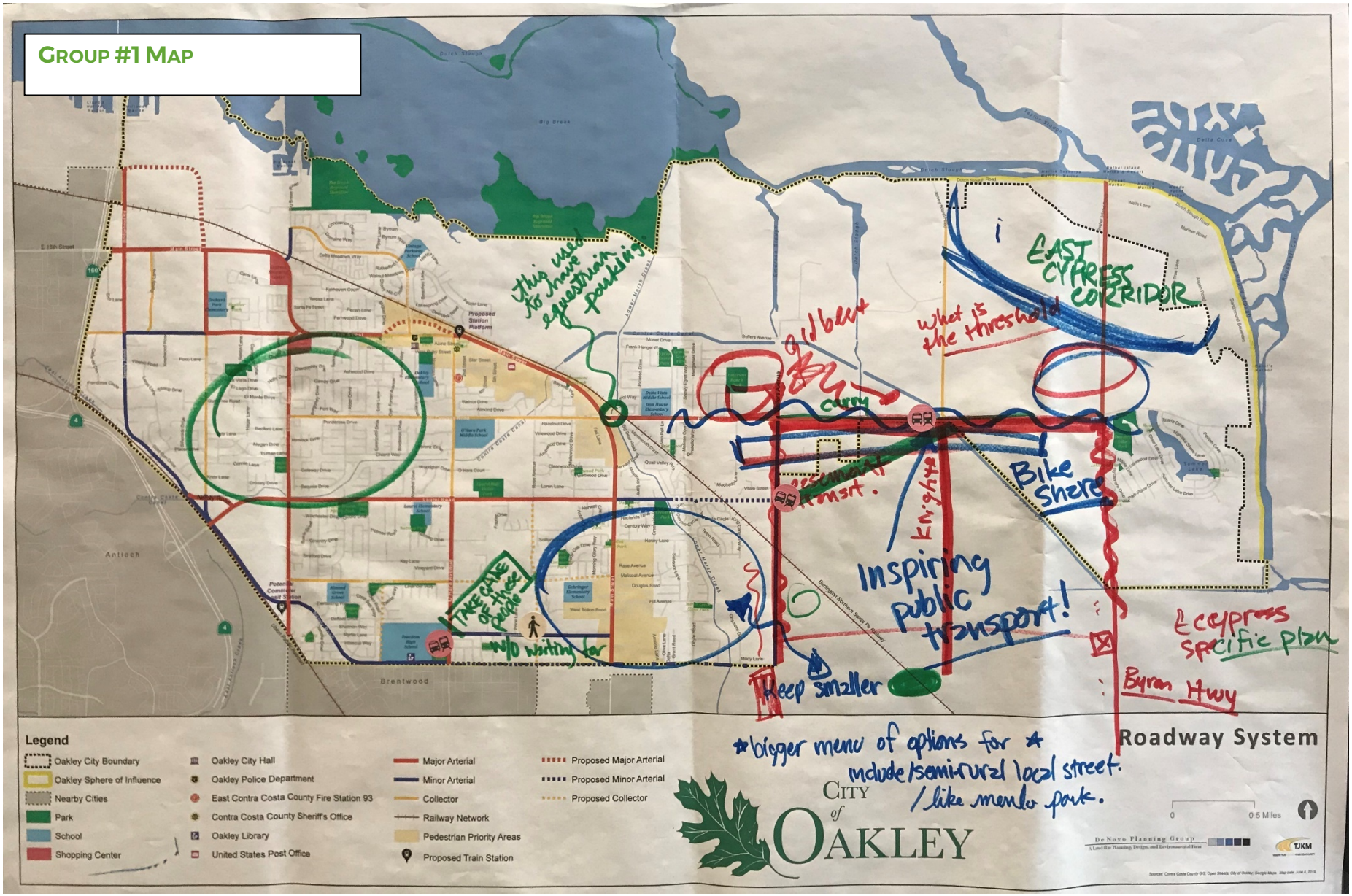
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Group #1 Map

Mobility Barriers

- **Bicycling**:
  - Bike share in eastern portion of City
- **Walking**:
  - Pedestrian opportunity at Brownstone/Rose
- **Transit**:
  - Inspiring public transport in eastern portion of City along Contra Costa Canal
  - Transit easement between Sellers Avenue and Contra Costa Canal
  - Transit opportunities at Freedom High School and eastern portion of City

Group #1 Map



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Group #2 Map

Mobility Barriers

- **Automobile**:
  - Widen East Cypress Road
  - Improve automobile circulation at Main Street / Laurel Road
  - Congestion downtown
  - Automobile access in western portion of City connecting to Antioch
  - Improve crossing at railroad near potential commuter transit station
- **Bicycling**:
  - Bike lane visibility improvements needed at East Cypress Road / Main Street
  - Consider separated bicycle network in eastern portion of City
  - Bike lane widening at O'Hara Avenue / Laurel Road
- **Walking**:
  - Consider separated trail network in eastern portion of City
  - Improve crossing at railroad near potential commuter transit station
  - Pedestrian mobility downtown
  - Add pedestrian access to Big Break
  - Pedestrians on west side of Empire Road
- **Transit**:
  - Improve bus service to downtown
  - Bus service to library near Freedom High School
- **Safety-Related**:
  - Provide alternative route to eastern side of City
  - Safety updated needed at East Cypress Road / Laurel Road
  - Repave at Empire Avenue / Laurel Road


GROUP #2 MAP
Ped access to Big Break
downtown congestion
ped mobility downtown.
Bike flow visibility imp.
Consider separated bike trail / network in East side of city.
Cypress widening
improve bus service to downtown
remove
more safety updates.
access to Antioch
Bike lane widening
Improve circulation
provide alternate route this side of city
signal
Bus service to Library
Legend
Oakley City Boundary
Oakley Sphere of Influence
Nearby Cities
Park
School
Shopping Center
Oakley City Hall
Oakley Police Department
East Contra Costa County Fire Station 93
Contra Costa County Sheriff's Office
Oakley Library
United States Post Office
Major Arterial
Minor Arterial
Collector
Railway Network
Pedestrian Priority Areas
Proposed Train Station
Proposed Major Arterial
Proposed Minor Arterial
Proposed Collector
Roadway System
CITY of OAKLEY
0
0.5 Miles

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Group #3 Map

Mobility Barriers

- **Automobile**:
  - Add a new road from the proposed station platform to Claremont Bay Park / Main Street in north-central portion of City
- **Bicycling**:
  - One way in, one way out in eastern portion of City at East Cypress – not safe
- **Walking**:
  - Unsafe/limited walkways for students to walk to and from school near Laurel Elementary
  - One way in, one way out in eastern portion of City at East Cypress – not safe
- **Transit**:
  - No transportation from Freedom High School and library on weekends and limited during the week – families cannot attend cultural and educational events
  - One way in, one way out in eastern portion of City at East Cypress – not safe
- **Safety-Related**:
  - One way in, one way out in eastern portion of City at East Cypress – not safe
  - Only two ways in and out at Vintage Parkway
  - Only one way in and one way out near Creekside Park


GROUP #3 MAP
Only 2 ways in/out Not safe
Road
Not safe only one way in one way out
One way in one way out – Not safe Evacuation
No transportation on weekend to Library. Families can't attend cultural and educational events.
limited during one block
Roadway System
Legend
Oakley City Boundary
Oakley Sphere of Influence
Nearby Cities
Park
School
Shopping Center
Oakley City Hall
Oakley Police Department
East Contra Costa County Fire Station 93
Contra Costa County Sheriff's Office
Oakley Library
United States Post Office
Major Arterial
Minor Arterial
Collector
Railway Network
Pedestrian Priority Areas
Proposed Train Station
Proposed Major Arterial
Proposed Minor Arterial
Proposed Collector
CITY of OAKLEY
0
0.5 Miles
De Novo Planning Group
TJKM

Group #4 Map

Mobility Barriers

- **Automobile**:
  - Auto congestion on Main Street
  - Automobile opportunities at Laurel Road / Empire Avenue
  - Automobile opportunities at East Cypress Road in eastern portion of City
  - Automobile opportunities near Vintage Parkway School
  - Live Oak Avenue is too small and cannot accommodate all modes of transport
- **Bicycling**:
  - Need bike lanes near Almond Grove School
  - Opportunities for improvements near Gehringer Elementary School
- **Walking**:
  - No pedestrian access to Summer Lake
  - Old area near Vintage Parkway – how is the lighting for walkability?
  - Opportunities for improvements near Gehringer Elementary School
- **Transit**:
  - No transit access to Summer Lake
  - Move proposed station platform to Contra Costa Canal / Main Street near Claremont Bay Park
- **Safety-Related**:
  - Opportunities for improvements near Gehringer Elementary School
  - Safety concerns near Gehringer Elementary School
  - Safety concerns near Creekside Park

Group #4 Map


Old area, How is it, why try? Walking
Proposed Station Platform
How get there
How get out
How get services
Need Need
Need Bike lane
Antioch
Brentwood
Legend
Oakley City Boundary
Oakley Sphere of Influence
Nearby Cities
Park
School
Shopping Center
Oakley City Hall
Oakley Police Department
East Contra Costa County Fire Station 93
Contra Costa County Sheriff's Office
Oakley Library
United States Post Office
Major Arterial
Minor Arterial
Collector
Railway Network
Pedestrian Priority Areas
Proposed Train Station
Proposed Major Arterial
Proposed Minor Arterial
Proposed Collector
Roadway System
City of Oakley
0
0.5 Miles
De Novo Planning Group
TJKM

Activity #2 – Vision for Transportation and Mobility

The second activity during Visioning Workshop #2 was a Transportation and Mobility Vision activity. The workshop attendees were asked to identify their vision and priorities for the City's future transportation system.

The following transportation- and mobility-related visions and priorities were described by the workshop participants:

- Provide improved access to BART (along Grant in Brentwood to Bethel Island Road crossing through City), shuttle system, or eBART to have access, ride share
- Build network of bike/ped trails to target destinations (downtown, library, Big Break, delta, to schools)
- Improved access for all (in all parts of Oakley)
- Inspiring public transit endeavor
    - East Cypress to Freedom
    - Freedom/East Cypress to downtown
- Bigger menu of options for new streetscape
    - Menlo Park encourages "semi-rural" local streetscapes → not for all of Oakley but available for folks like Brownstone, Oakley Road, and Live Oak Avenue
- Complete streets should include equestrian access trails (work/communicate with neighboring communities) where applicable
- Walkability to downtown destinations – restaurants, library, shopping, post office
- Safe bike paths- walking from schools and parks. Areas for people to walk ride bikes and enjoy the outdoors
- Major transportation – train/BART trolley/bus system to schools
- Trolley system downtown, catch to elementary schools
- Bike lanes, all streets, golf carts

Activity #3 –Transportation Improvements Priorities

The third activity during Visioning Workshop #2 was a prioritization activity. Each group was asked to prioritize the following transportation-related issues that their group thought should be addressed in order of importance from 1 to 5 (with 1 being the top priority):

- **Automobile Improvements:** reduce traffic delays and congestion, continue to increase motor vehicle traffic capacity, etc.
- **Bicycle Improvements:** expand/ improve the citywide bikeway network and supply of bicycle parking; attract bike share providers, etc.
- **Pedestrian Improvements:** provide new and/or improved pedestrian crossings, sidewalks and paths.
- **Transit Improvements:** enhance access to transit stops and stations; provide measures to reduce bus delay; and/or support the provision of new or enhanced transit service.
- **Safety Improvements:** measures to address safety issues and reduce collisions for all travel modes, etc.

As shown below, safety improvements were the top priority receiving most of the #1 priority votes, as highlighted below, followed by pedestrian improvements. The lowest priority area was automobile improvements.

	Votes by Priority				
Priority	**#1**	**#2**	**#3**	**#4**	**#5**
Automobile	0	0	1	0	2
Bicycle	0	1	1	1	0
Pedestrian	0	2	1	0	0
Transit	1	0	0	1	1
Safety	2	0	0	1	0

COMMUNITY SURVEY

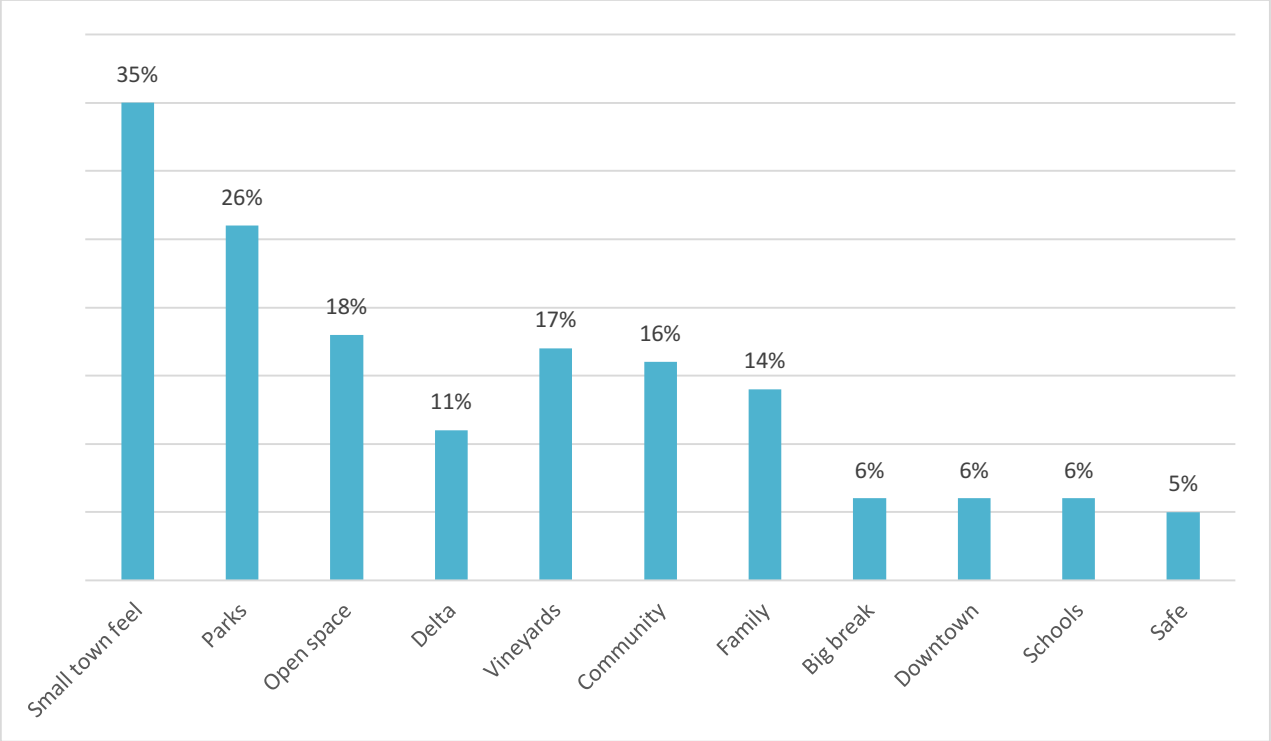
During the Visioning process, an on-line survey was distributed via the City's website, with links also advertised via an email blast, Twitter, and Facebook pages, to encourage additional community input. The survey received 204 responses. It included questions regarding residency, place of work, the overall vision for the community, and issues of concern and solutions for each focus area. The survey also had a series of questions to help identify what people love most about Oakley; their satisfaction with Oakley over a range of topic areas; and their priorities for the General Plan Update. The full survey report, including each survey question and responses to each question, is provided as Attachment B.

Most survey respondents:

- Live in Oakley - 99%
- Do not work in Oakley - 83%
- Are 30 to 44 years old - 43%
- Live in Focus Areas 3 and 5 - 50%

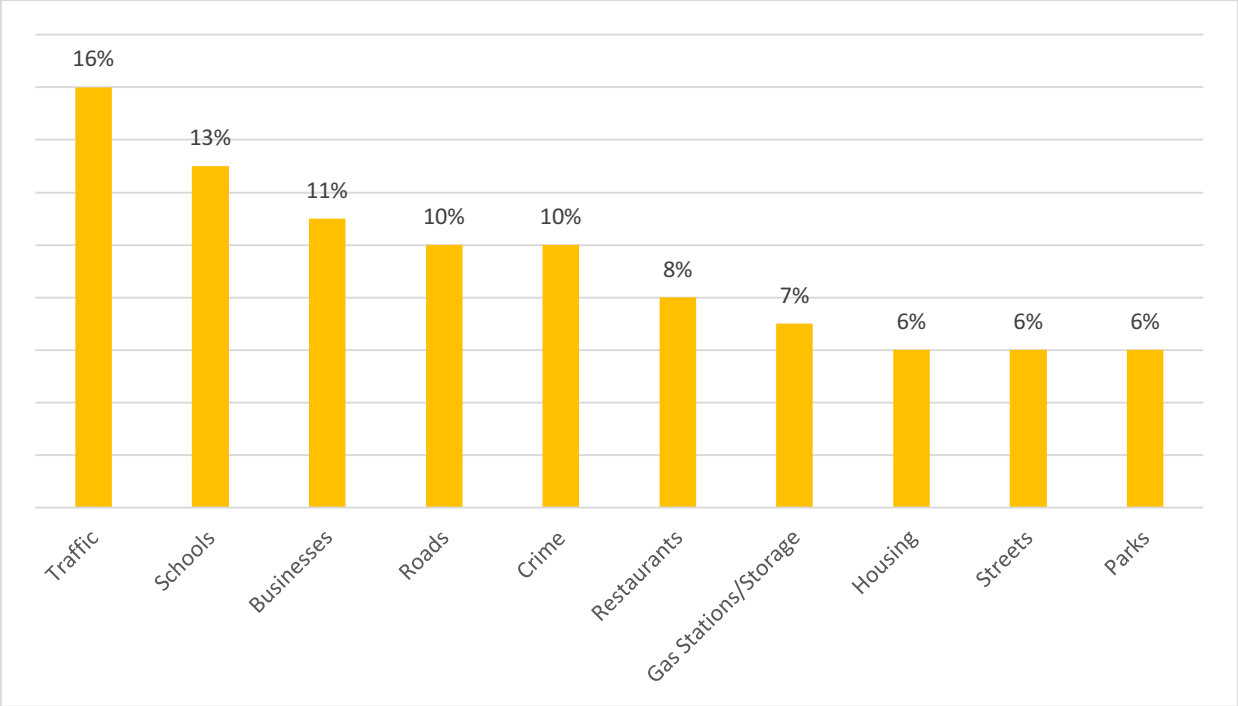
ASSETS

In response to the question "What do you value most about Oakley, and what community assets and features should be preserved and protected over the next 20 years?", many of the written responses included the following:



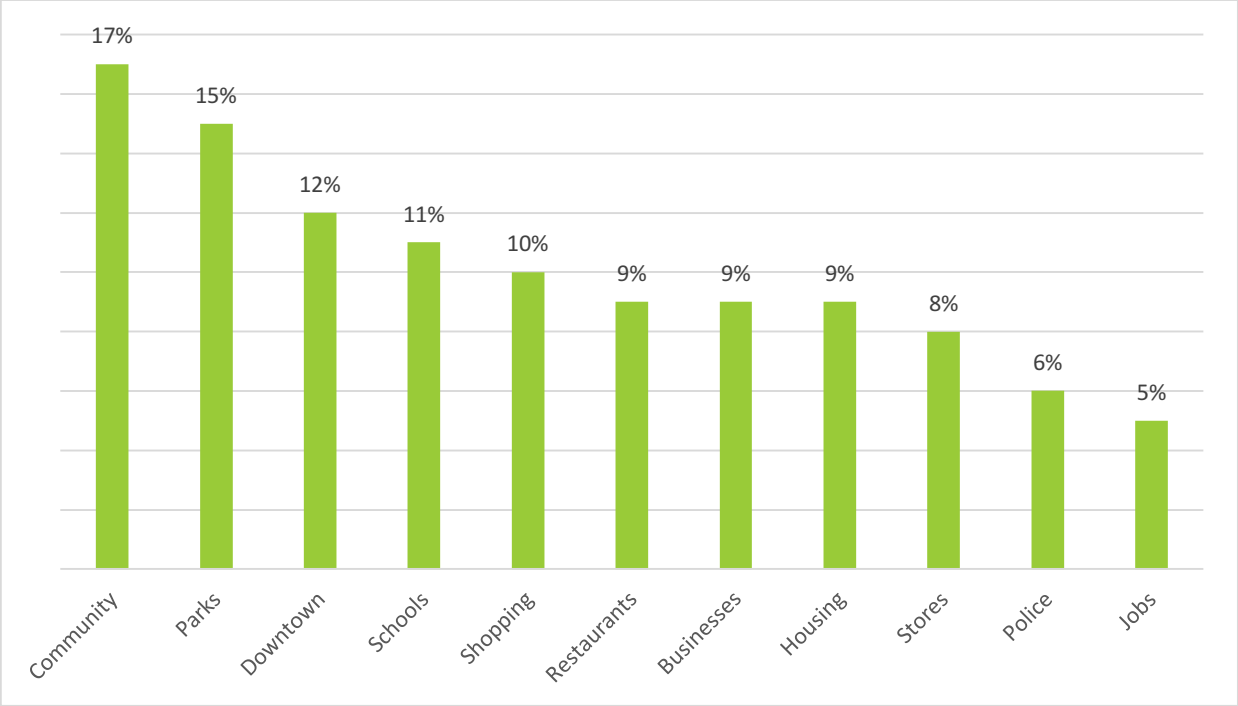
CHALLENGES

In response to the question "What issues are facing the city that need to be addressed in the General Plan?", many of the written responses included the following:



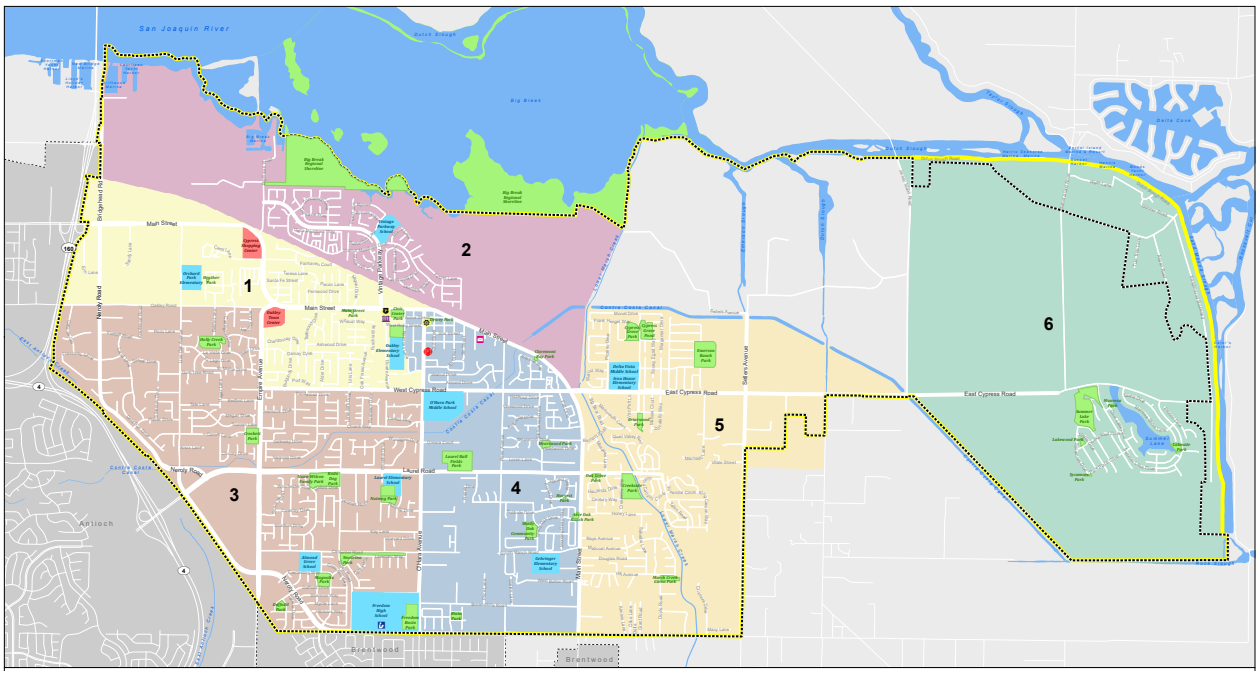
CHALLENGES

In response to the question "What three things would you like to see accomplished by 2040 in order to improve your community?", many of the written responses included the following:



Focus Area Concerns and Solutions

Survey respondents were asked to identify specific concerns and desired solutions for the six focus areas shown in the figure below.



The top three issues that are of most concern or the highest important for each Focus Area include:

- Focus Area 1: Lack of community services (51%), noise (35%), access to affordable and nutritious food (26%)
- Focus Area 2: Lack of community services (43%), noise (41%), and pollution (29%)
- Focus Area 3: Lack of community services (41%), housing affordability (37%), and noise (30%)
- Focus Area 4: Lack of community services (38%), access to affordable and nutritious food (34%), and noise (33%)
- Focus Area 5: Lack of community services (50%), access to affordable and nutritious food (36%), and housing affordability (34%)
- Focus Area 6: Lack of community services (61%), access to affordable and nutritious food (45%), and housing affordability (32%)

The top three solutions and amenities needed in each Focus Area include:

- Focus Area 1: Public safety (65%), maintenance and renovation (61%), and parks and recreation (47%)
- Focus Area 2: Public safety (61%), maintenance and renovation (50%), and parks and recreation (43%)
- Focus Area 3: Public safety (57%), maintenance and renovation (39%), and parks and recreation (38%)
- Focus Area 4: Public safety (60%), maintenance and renovation (48%), and parks and recreation (47%)
- Focus Area 5: Public safety (62%), community services (44%), and pedestrian/bicycle access (43%)
- Focus Area 6: Public safety (62%), community services (44%), and a tie between parks and recreation and pedestrian/bicycle access (both 38%)

Transportation Improvements

The top ranked transportation improvements that the General Plan Update should address in order of importance include:

- Automobile: reduce traffic delays and congestion, continue to increase motor vehicle traffic capacity, etc. (70% ranked as #1 or #2 priority)
- Safety: address safety issues and reduce collisions for all travel modes, etc. (50% ranged as #1 or #2 priority)
- Pedestrian: provide new and/or improved pedestrian crossings, sidewalks and paths (35% ranked as #1 or #2 priority)
- Bicycle: expand/improve the citywide bikeway network and supply of bicycle parking; attract bike share providers, etc. (33% ranked as #1 or #2 priority)
- Transit: enhance access to transit stops and stations; provide measures to reduce bus delay; and/or support the provision of new or enhanced transit service (15% ranked as #1 or #2 priority)

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Attachment A
Review of General Plan Elements to Address Core Values

General Plan Element to be Reviewed/Updated	Community-Identified Priorities and Issues to be Addressed
Land Use	• Review and revise land use designations as necessary in order to increase the amount of desirable retail and entertainment uses (i.e., grocery stores, restaurants, higher-quality and community-serving stores and brands, etc.) and to manage the amount of undesirable uses (i.e., storage facilities, liquor stores, etc.). • Review and revise land use designations as necessary in order to encourage and attract needed community services. *Note: The General Plan Update will not include increases to land use intensities or densities, but can refine the land use designation descriptions and associated policies to better reflect desires uses in the community..*
Circulation	• Review circulation plan to identify opportunities for road and street connections to improve vehicle travel and ensure neighborhoods and community areas are served by complete streets • Review circulation goals and priorities to ensure that alternative transportation facilities (for walking, biking, and transit use) are improved and developed in needed areas, such as downtown.
Growth Management	• Review to ensure that approach to infrastructure and mobility improvements and provision of community services keeps pace with pending and future development projects. • Address public safety and crime rates by reviewing goals and policies related to police services.
Economic Development	• Review and revise as necessary in order to attract desirable retail and entertainment uses (i.e., grocery stores, restaurants, social venues, family-oriented entertainment, etc.) • Review provisions for industries to ensure that the City is attracting high-quality businesses and industries that provide well-paid and high-quality jobs, serve an educated workforce, and reflect new and emerging technologies • Encourage economic development within the City so residents and workers do not have to travel to nearby cities for retail and entertainment opportunities.
Open Space and Conservation	• Review to ensure that the open space, rural feel of the area is conserved and managed as development occurs. • Review to ensure that agricultural uses are encouraged and appropriate locations for agriculture are maintained in the long-run. • Ensure existing open space areas, including waterfront, are planned and managed to be accessible for recreation and for community gathering and events, where allowed.

General Plan Element to be Reviewed/Updated	Community-Identified Priorities and Issues to be Addressed
Parks and Recreation	• Ensure that the goals and policies address existing parks and community spaces (i.e., library), as well as future recreation needs (i.e., waterfront access).
Noise	• Review and revise as necessary in order to address noise concerns within Focus Areas 1 and 2.

ATTACHMENT B

COMMUNITY SURVEY RESULTS

Q1 Community AssetsWhat do you value most about Oakley, and what community assets and features should be preserved and protected over the next 20 years? (Please identify 3 assets)

Answered: 179 Skipped: 25

#	RESPONSES	DATE
1	1) smaller town charm and personality 2) access to the delta, especially via Big Break Park	8/5/2019 1:13 AM
2	Sense of community More open space than other overcrowded towns Lots of parks	8/4/2019 9:50 AM
3	The delta near Bethel Island (no tunnels), Big Break, city parks	8/1/2019 2:12 PM
4	small town feel, limited number of residential housing, farming area	7/29/2019 10:05 PM
5	Vineyards, green spaces, wholesome safe environment	7/29/2019 2:14 PM
6	Open space, rural feel, affordability	7/28/2019 2:20 PM
7	The smaller town feel Sense of community Delta/ farm town	7/28/2019 1:49 PM
8	Our downtown, our small town appeal, our police department	7/28/2019 12:57 PM
9	Low crime, nice community events, good schools	7/28/2019 8:33 AM
10	How clean it is Lack of crime Quietness	7/28/2019 7:22 AM
11	Most of what I value about Oakley is gone. Small town feel with open fields, orchards and large lots. Preserve our history.	7/28/2019 6:23 AM
12	Small town feel, support for small business, schools	7/28/2019 5:57 AM
13	Farm land is disappearing. Almond trees are gone. No almond festival. This is no longer the Oakley I knew. It's just a city now letting trash move in and building endless houses and crap.	7/28/2019 4:03 AM
14	Safety, adorableness, schools	7/28/2019 2:32 AM
15	I value the small town feel of Oakley. I value the small family owned businesses that operate in Oakley. We should preserve the city to be welcoming to families with functional parks and activities for kids.	7/28/2019 2:18 AM
16	Open space Affordable housing	7/28/2019 2:15 AM
17	waterfront small town feel	7/28/2019 2:01 AM
18	Value the small town feel. Big Break and the nature areas should be preserved and protected.	7/27/2019 5:23 PM
19	Stop building so many houses and leave the open space. You are not bringing any jobs in so we don't need any more people	7/27/2019 4:15 PM
20	Small town Farming land Dog parks	7/27/2019 4:09 PM
21	Space Small town feel	7/27/2019 3:49 PM
22	Parks. Open spaces. Small town feel	7/27/2019 3:20 PM
23	The open farm land feel. It should remain that country feel	7/27/2019 3:07 PM
24	Vineyards, Trees, Farms	7/27/2019 5:58 AM
25	The many family run businesses and restaurants still operating are great. I love the feeling that Oakley is still a small town, even though it is rapidly growing.	7/27/2019 2:18 AM
26	Trees and the beautifying of the city of Oakley Accessibility to city information Small town feel	7/27/2019 1:44 AM
27	I value a small town feel. We should preserve that. I like how many parks we have. I wish we had more. I like how close we are to the water, and how easy the access is.	7/27/2019 1:12 AM
28	I've valued the agricultural aspects/ orchards/ vineyards, the nature and the small community feel. I believe that all of these have dwindled away since Oakley became a city.	7/26/2019 4:40 PM
29	I would like to see something fun for people of all ages like go karts, arcades and rock climbing and laser tag and bowling maybe life size board games like chess and Exedra and mini golf and a bar and dance club for adults I have this all in one building would be cool if something similar to this like in San Jose I think it is they combined all the stuff in one building and what's cool about this place has everything for everyone	7/26/2019 3:41 PM
30	Still seeing grapevines growing here Parks Open land	7/26/2019 3:13 PM
31	Please continue to build and protect all of the parks. I really hope we preserve the vines that are left.	7/26/2019 12:00 PM
32	I used to value the small town vibe. Nice parks Schools used to be good	7/26/2019 10:21 AM
33	Viticulture Small town feel Open space	7/26/2019 8:56 AM
34	1) Parks - preserve and expand 2) Police and Fire - don't skimp or cut the budgets 3) Traffic Flow - traffic to East Cypress will become steadily worse and worse	7/26/2019 6:36 AM
35	The small twin feel!! No more houses or 7-11's or MOSQUE!!!!!	7/26/2019 5:41 AM
36	Family lifestyle Parks Walking Trails	7/26/2019 5:12 AM
37	Parks Library	7/26/2019 3:50 AM
38	1. Family 2. Retail 3. Safety	7/26/2019 3:14 AM

39	I value the upscale feeling that parts of this area are beginning to have, especially East of Cypress and Main, from Emerson Ranch toward the new Delta Coves. I also value how communicative city leadership and the police are with the residents. I also value how family friendly this city is.	7/26/2019 2:56 AM
40	Agricultural Community (vines, farms) Access to Natural Resources (parks, Big Break)	7/26/2019 2:02 AM
41	Small town aspect, family centered, safety	7/26/2019 1:23 AM
42	Love that it still has that small town community feel. It should stay that way. Preserve - Community, Schools, and the landscape.	7/26/2019 1:16 AM
43	Small town feel. Assets that should be preserved: some farms and vineyards	7/26/2019 12:40 AM
44	Small town feeling Parks Wide open spaces, farm land	7/25/2019 2:22 PM
45	I value how helpful and friendly the Oakley staff are. -Main street Down Town -The huge Oak tree at city hall -Big Break park and trail	7/25/2019 2:09 PM
46	1.Small town atmosphere with family values and delta recreation. 2.Would like to see growth, more business including retail and restaurants would be nice. Hopefully we don't have to sacrifice the earlier values for the growth. No overzealous regulations on people just living their lives. 3. Lastly I would love to see some of the heritage of Oakley preserved, from old buildings with a history behind them to some of the long standing vineyards.	7/25/2019 12:48 PM
47	protect the small town feel - can grow at a SLOW pace, no more gas stations, fast food and storage units	7/25/2019 12:45 PM
48	Safety/Security, Quality High Schools, Lack of Congestion	7/25/2019 12:17 PM
49	The small town feel, as far as assets and features I don’t see much as all open spaces are being filled with Gas Stations, more houses, and storage units.	7/25/2019 11:22 AM
50	Big Break. not much else, it's suburbia	7/25/2019 10:00 AM
51	I value the low crime and small town feel.	7/25/2019 9:36 AM
52	Sense of community. Small town feel. Cleanliness. Parks/recreation and open space.	7/25/2019 9:29 AM
53	1.) Small Town Feel: We are a small town and this is why residents have moved here. One of our principle objectives should be to maintain this small town feel. 2.) Delta Location/Lifestyle: Plan should include delta preservation and promote and encourage the outdoor activities; Codes should align with this. 3.) Commercial Business: Put a stop to convenience stores and storage unit growth. Future Commercial / Retail space should be located only on the outer edges of city lines; this will reduce traffic while still generating revenue and creating jobs	7/25/2019 8:50 AM
54	Open spaces Urban agriculture Rent stability for fixed income residents	7/25/2019 8:16 AM
55	Our large trees, the delta, open land	7/25/2019 8:14 AM
56	Parks, schools, “small town” vibe.	7/25/2019 7:58 AM
57	City Hall and small and larger parks around town.	7/25/2019 6:21 AM
58	1) The parks and open spaces. 2) Better, healthier foods made available. 3)More bike lanes.	7/25/2019 1:50 AM
59	Value: Oakley old town/ rural feel,ancient vineyards. Asset: River access and recreation Protect: Open Space	7/25/2019 1:28 AM
60	My wife and I just moved to Oakley and we love all of the parks in Oakley. Those should Be preserved.	7/25/2019 1:03 AM
61	Small town feel, we need to control housing development. Soon there will be another housing crash... we don't want to experience same fate as Antioch -huge increase in section 8 housing as investors grab up foreclosures.	7/25/2019 1:03 AM
62	History (already being ignored and bulldozed!) Agricultural/rural feeling (ditto above) Quiet, friendly community (going away rapidly with the two above issues)	7/24/2019 1:02 PM
63	It’s small towns....it’s clean....keep it small	7/24/2019 12:38 PM
64	Small town feel, safe environment & parks	7/24/2019 11:11 AM
65	Not an over-glut of housing that totally snarls traffic. Provide generously for the police and fire depts.	7/24/2019 9:47 AM
66	Agricultural heritage - specifically grape vines Delta area Historical buildings	7/24/2019 9:10 AM
67	Quiet Neighborhood and lack of traffic.	7/24/2019 5:39 AM
68	The area I live in have some very beautiful Gardens and trees. I value these a lot because they give our area not only a charm and homelyness but declares to people who want to part of our community that we are and shall take pride in how we upkeep our locality (a bit like how Danville residents take pride in their community & are so careful as well as strict regarding many of their town planning). However, in our area recently I am seeing a rise in homeless people in some of the gardens and they urinate on the trees or defecate in the bush area of the walking trails leading to not only unsightly appearances but definitely unpleasant experience overall + giving a feeling of unsecure locales. Additionally we need to build more assets by getting commercial shops/offices to invest into our area that will sustain well. Otherwise revenue opportunities for Oakley and incentives for people to consider Oakley for living does not seem appealing.	7/24/2019 5:08 AM
69	The small town feel. What’s left of the small town feeling.	7/24/2019 4:31 AM
70	The parks are trails are great community assets We need to keep our Police and fire departments Keeping agriculture in the community we need to keep some land that has grape vines or apple trees we should have an are of land that is for the community where they can pick these items for free	7/24/2019 3:12 AM
71	Small town feel Delta town feel safety	7/24/2019 2:46 AM
72	The small town feel. The parks/ball fields should definitely be preserved. I believe the new recreation center and downtown City Hall area are assets as well.	7/24/2019 2:05 AM

73	Open land Small town feel Not overly crowded yet	7/24/2019 1:57 AM
74	Parks and open space agricultural	7/24/2019 1:43 AM
75	Small town feel, create a nice, walkable “Main Street” downtown, conservative and family driven.	7/24/2019 1:30 AM
76	The farm and crops that Oakley has always been known for. NO more homes, storage units or gas stations. Stop trying to make Oakley a city that isn't but about the small town feel.	7/24/2019 1:07 AM
77	Community enrichment, schooling, kids programs	7/24/2019 12:24 AM
78	The low crime rate and feeling safe in our own home.	7/24/2019 12:12 AM
79	1) Beautification - update the aging dingy neighborhood’s retaining walls on main streets with high visibility with layers of schrubs, high bushes, etc. An example, all neighborhoods on Empire road between Laurel and Main. 2). Increase Police Force to maintain secure and safe presence to keep up with growing population and 3). Property maintenance enforcement-homeowners should be held accountable for their front yard appearance eliminating hoarding and junkyard objects which could be dangerous for the environment, animals and kids	7/23/2019 11:15 PM
80	Parks and trails.	7/23/2019 10:44 PM
81	Safe communities here in Oakley Family oriented, rural feel Cleanliness of city, neighborhoods and parks	7/23/2019 10:03 PM
82	Small town feel. No more homes!!	7/23/2019 9:08 PM
83	Preserve Open Land Protect the Delta Protect the farm land	7/23/2019 5:18 PM
84	Family orientation. Parks, schools, kid friendly. Small town feel and country feeling. Vineyards, farms and open space	7/23/2019 4:29 PM
85	(1) Small town feel. Building is out of hand. (2) delta lifestyle (boating, etc.); open space	7/23/2019 4:01 PM
86	Farm land, farm stands and ponds in the parks! Need more!	7/23/2019 3:33 PM
87	Small town feel Low crime	7/23/2019 2:31 PM
88	Parks Schools Access to the Delta	7/23/2019 2:01 PM
89	Playgrounds	7/23/2019 1:27 PM
90	Some of the land and grape Vines growing	7/23/2019 12:36 PM
91	Less residential More Commercial	7/23/2019 12:19 PM
92	The quiet, nature and open space	7/23/2019 12:15 PM
93	The vineyards & fruit trees and farms	7/23/2019 12:07 PM
94	More fishing shorelines and less boat lunch marinas. Nicer attractive shorelines along our beautiful Delta. I recommend more small shops such as coffee shops and seating areas along the delta. We live on the delta but it is almost impossible to enjoy it because most of the areas are either restricted or private!!!	7/23/2019 12:06 PM
95	Low crime Small town feel Near the Delta, farms and orchards	7/23/2019 11:15 AM
96	Big Break Science Center area The trail Small town feel (not so crowded)	7/23/2019 10:19 AM
97	Safe, affordable, family friendly	7/23/2019 10:05 AM
98	Separation from “Big” city issues. 2)Excellent police force. 3) Good schools	7/23/2019 9:03 AM
99	1.)Small town vibe 2.)keeping big break clean and preserved 3.)keep crime to a minimum	7/23/2019 9:01 AM
100	The delta, wildlife, farms, and open space.	7/23/2019 8:58 AM
101	I value the community feel. I value the family aspects such as kid parks and dog parks I value the farm life	7/23/2019 8:34 AM
102	The small town feel. I would love to see more grapevines preserved. They are a beautiful part of the town’s history and should be protected	7/23/2019 7:40 AM
103	Safety Small town atmosphere Large Recreational vehicle users	7/23/2019 7:20 AM
104	Vineyards, open space, and our great city hall and staff.	7/23/2019 7:08 AM
105	Small town feeling, vineyards and farmland	7/23/2019 7:05 AM
106	I value the small town feeling most. Farm land should be protected as well as the shoreline and the borders of Oakley.	7/23/2019 6:58 AM
107	Parks, trails. Big break marina	7/23/2019 6:53 AM
108	We like the small town feel. The sense of family and we enjoy the parks	7/23/2019 6:45 AM
109	Small town feel, safety, and community centered	7/23/2019 6:26 AM
110	Love the rural feel and the open spaces around town. Love driving by the grape vines around town. Really enjoy the small town feel. Stick to what Oakley started out as, a place for hard working families and small farms.	7/23/2019 5:49 AM
111	Small community.. More small business for the Oakley residents Improving k-12 school More research out programs More local jobs	7/23/2019 5:45 AM
112	The biggest assets for me and my family are the parks,trails,splash pads. I would love if Oakley keeps as many vineyards around as possible. They are beautiful and green and give the town a laid back feel. The third would be access to the delta, fishing spots things like that we love.	7/23/2019 5:44 AM
113	Small town feel, outdoor accessibility and safety	7/23/2019 5:35 AM
114	Peace, quiet, low traffic	7/23/2019 5:29 AM

115	No nightlife/bars, only brings problems. I value that Oakley maintains its small town feel. I value the fact that Oakley is a safe town, and they value their police and first responders	7/23/2019 5:27 AM
116	I value the open space Oakley has, specifically the grape vineyards. I also value the small town feel, with smaller more local shops and restaurants. I also value Oakley's parks, keeping them clean and maintained and safe for the residents.	7/23/2019 5:23 AM
117	Parking in my second driveway. The very reason why I purchased a home in Oakley. Now suddenly I can't park there because newcomers don't like it. This affects the resale value of my home. I'm very disappointed in the council. I will be voting all out and will encourage others to do so. In the mean time, everyone in my neighborhood has permanently parked trailers and even a bus on the street.	7/23/2019 5:14 AM
118	Schools, parks, community events	7/23/2019 5:11 AM
119	The small close knit community The community activities (events etc) Lower crime compared to surrounding cities	7/23/2019 5:02 AM
120	Oakley City Parks Oakley Schools Oakley children education and health	7/23/2019 5:02 AM
121	1. Big Break Regional Shoreline and access to the Delta. 2. Walkability. 3. Trees	7/23/2019 5:02 AM
122	The Delta Farm community Small town	7/23/2019 4:58 AM
123	Family areas, safety, parks	7/23/2019 4:54 AM
124	safety	7/23/2019 4:50 AM
125	Vineyards	7/23/2019 4:37 AM
126	quiet, crime-free community	7/19/2019 2:28 PM
127	Small town atmosphere Rural /farm lands protected Delta/ water	7/19/2019 1:58 PM
128	Being a safe and clean community. Convenient access to parks, trails, and recreation.	7/19/2019 6:00 AM
129	Big break and the idea of downtown	7/18/2019 2:57 PM
130	Well was the small town feel, but now I wish they would stop the gas stations and storage facilities.	7/14/2019 11:46 AM
131	Nothing.	7/14/2019 3:42 AM
132	I used to value the convenience of the hiway thru downtown oakley. But now it takes extra time due to the narrowing of lanes and no turn lane into Vintage Parkway coming from Brentwood.	7/13/2019 2:06 PM
133	Small town appeal Fire protection Avoiding urban decay	7/13/2019 8:25 AM
134	1. small town attributes, 2. good civic center area including park, outdoor auditorium/theatre, 3. weekly email	7/13/2019 7:27 AM
135	Parks Waterfront Transportation infrastructure	7/13/2019 6:12 AM
136	Delta!! Clean. Access. Small town, big yards. Horses. Grapes. Trains. Open space! Fire protection- WE NEED IT	7/12/2019 3:34 PM
137	Downtown	7/12/2019 1:43 PM
138	1. We need to maintain our small town feel 2. Our downtown area should be maintained and improved. 3. We should preserve our parks.	7/12/2019 11:24 AM
139	It's delta access, downtown is nice now, open space	7/12/2019 11:09 AM
140	Police, roads, fire dept	7/12/2019 9:29 AM
141	Big break rec area, Koda Dog park, cityhood celebration with fireworks and laurel ball fields.	7/12/2019 8:28 AM
142	The Delta, all the wildlife and the farms!	7/12/2019 7:01 AM
143	-Small town community feel -Low crime rate -Great relationship between law enforcement & public	7/12/2019 7:00 AM
144	Please stop over developing this city. The citizens unanimously do not want over development and want to preserve open spaces (east cypress)	7/12/2019 5:58 AM
145	Open/Farm Land, Rural Feel, Small Town environment	7/12/2019 4:46 AM
146	Open spaces Recreation areas Low cost of housing	7/12/2019 3:59 AM
147	1) Wide, open spaces! Yes, Oakley can, and should, grow but please plan for as much open space as possible. That is the charm of exiting the freeway in Oakley, instead of Antioch before it or Brentwood after it. 2) The adorable downtown. You have done a good job (despite what others may say) of building up the newer area and making it a nice place to be, but please focus on bringing in coffee shops, breweries, small restaurants and boutique shops in the old downtown - without changing too much!! And of course you must accommodate for parking beforeeee it is a problem. And, please, NO Amtrak station/homeless central — at least without a SERIOUS permanent plan in place for not allowing the downtown to become "home" (& toilet) for anyone. 3) The walking trail is an asset but covered in poop and weeds. Could we get those baggy stations with garbage cans? (I don't have a dog, but maybe it would help those who do) I like the ones where you can also work on your bike - that might be an idea. And clear out the brush a bit - it looks like a jungle in between the trail and the creek. I'm actually afraid someone could be easily hiding a few feet from where women (& men) are walking alone :(	7/12/2019 2:47 AM
148	The location and homey vibe are two things I cherish about Oakley. Some features that need to be preserved and protected over the years: the delta shoreline, all of the baseball fields, and our history with almonds.	7/12/2019 2:41 AM
149	Preserve the small town feel. Build up downtown, look at other cities (Pleasanton, Livermore) and see what they did right. Then look at the cities who did it wrong. Keep our agriculture areas alive, we don't need housing tracts on every square foot of city land.	7/12/2019 2:41 AM
150	Protect the agriculture and worship centers. Agriculture is what gave birth to Oakley, freedom of worship is what kept the community strong.	7/12/2019 2:38 AM

151	Clean/safe living for ALL, parks, community services for elderly/poor	7/12/2019 2:24 AM
152	Land, land land!!!	7/12/2019 2:13 AM
153	Our schools. Our parks. Senior center	7/12/2019 2:12 AM
154	Open space City grounds maintenance Neighborhood preservation programs	7/12/2019 2:02 AM
155	We need to preserve the open space , you're allowing too much building going on too many homes are being built this city is getting way too crowded and too much traffic and crime is on uprise	7/12/2019 1:43 AM
156	1. the small 1+ acre piece of properties RURAL lifestyle 2.	7/12/2019 1:40 AM
157	Not much, been here for 20 years and in comparison to Brentwood,Livermore,phill you're a disaster and a disgrace	7/12/2019 1:38 AM
158	Fire protection. Everything else should stop u til that's at a sufficient level	7/12/2019 1:34 AM
159	Delta, parks and agriculture	7/11/2019 2:55 PM
160	Waterfront- capitalizing on the waterfront locality by creating pedestrian friendly, easy access to the water Family friendly neighborhoods- Oakley really needs to keep neighborhoods safe and family friendly, by being selective about which types of businesses to attract and approve! Just because an investor wants to propose a particular business does not mean it has to be approved. Keep streets and neighborhoods near schools as decongested as possible. Open space- there are not nearly enough trailways (clean/landscaped) or parks. This needs to be priority over GAS STATIONS!	7/11/2019 2:30 PM
161	Oakley Police Parks Residential nature of the city rather than commercial	7/11/2019 12:16 PM
162	Small town feel, parks, city's events	7/11/2019 11:25 AM
163	Parks, open spaces, veterans center	7/11/2019 9:39 AM
164	*Open space, parks *Slower pace, quiet *East County Little League, other LOCAL sports/events	7/11/2019 9:04 AM
165	Vineyards (historic and visual assets we must preserve), proximity to Delta and open space (recreational and lifestyle assets), the people!	7/11/2019 8:13 AM
166	1. Preserve Big Break 2. Keep Open space 3. Library	7/11/2019 8:07 AM
167	less populated , near the water, parks	7/11/2019 7:50 AM
168	We love the closeness of the community that we feel. Citywide events should continue to be a priority to keep city officials and city residents close. The amount of parks for children here are wonderful. Yet there are a couple that could be updated (specifically, Oakley school Park). We love the downtown area and the improvements that are being added. But worry about too much growth that would cause traffic and parking issues for us right off main street. I feel more should be invested in revamping older existing structures before adding in any new buildings.	7/4/2019 2:01 AM
169	Small community feel, I value (and miss) the small town feel Oakley had. It seems to be loosing this as more homes, gas station and storage units are built. I value the parks and nature areas available, big break especially. The community events have been so much fun and my family has built traditions based around these events. The farmers market was awesome, but needs to be on a different day than the Brentwood one so it's not competing.	7/3/2019 11:55 PM
170	I value the small town feel. Protect land at end of Laurel.	7/3/2019 6:11 PM
171	Rural farmlands, open spaces, historical downtown buildings	7/3/2019 10:03 AM
172	I value the small town feel. We should preserve and protect the vineyards and farm land.	7/3/2019 8:38 AM
173	Low crime rate Cute downtown Upkeep of parks and neighborhoods	7/3/2019 7:47 AM
174	I value the Small town family oriented community. We need to not be overpopulated with homes and keep the country town feeling. I love driving and looking at the vineyards and open land. We don't want the town to be overcrowded and have crime increased like our sister city Antioch. I grew up there and now, I would not want to raise my child there.	7/3/2019 6:49 AM
175	Our vinyards/orchards Mom/Pop business	7/3/2019 6:25 AM
176	The fact that there are still grapevines and agriculture throughout the city. The parks are gorgeous and clean. The bike,walking trails are safe and free from transients.	7/3/2019 6:04 AM
177	Vineyards, agriculture areas, small town feel.	7/3/2019 5:56 AM
178	Small town feel Downtown area Open farm land	7/3/2019 5:55 AM
179	Value most - diverse intimacy. Preserve & protect - agricultural heritage, cultural diversity, and public safety	7/3/2019 5:43 AM

Q2 Community ChallengesWhat issues are facing the city that need to be addressed in the General Plan? (Please identify 3 challenges)

Answered: 188 Skipped: 16

#	RESPONSES	DATE
1	1) traffic caused by huge housing expansion 2) lack of industrial opportunity. Manufacturing JOBS. 3) Over paying on staff, specifically city manager position.	8/5/2019 1:13 AM
2	Too many houses are being built with no local jobs and not enough schools Too much traffic Too many gas stations are being built but we would benefit more from business parks for local jobs or even grocery stores	8/4/2019 9:50 AM
3	We need a new library, Cypress needs to be widened, Sellers needs to be widened, fire stations need to be staffed	8/1/2019 2:12 PM
4	Dangers of 5G, traffic on highway 4, good ole boy network that still persists	7/29/2019 10:05 PM
5	Traffic always becomes a problem with growth, Crime prevention, destruction of oakley charm with overgrowth	7/29/2019 2:14 PM
6	Lack of retail, LOUD trains, too many 7-11's	7/28/2019 2:20 PM
7	Housing- I don't want it to be overcrowded Business- too many storage facilities not enough restaurants, grocery stores ect School- what is the plan if Oakley continues to grow like it is?	7/28/2019 1:49 PM
8	Clean up Main Street at the 160 hwy end of town.	7/28/2019 1:49 PM
9	Too many gas stations Not enough good restaurants City council needs to listen more and act on our behalf!	7/28/2019 12:57 PM
10	Overpopulation, increased traffic, nowhere to work locally	7/28/2019 8:33 AM
11	Lack of dog hygiene in communities (poop, noise, aggression) Lack of amenities like public swimming pools Lack of curbside cleaning from the council	7/28/2019 7:22 AM
12	No more houses! Oakley needs to preserve what's left of its open space to retain the small town, rural life. Improve existing roadways, and minimize traffic blocks (downtown and laurel rd bottlenecks)	7/28/2019 6:23 AM
13	Over population, too many houses being built with not enough schools, or big enough roads to support the people.	7/28/2019 5:57 AM
14	Small town feeling is gone. Too many houses are being built. But there is no going back now. Oakley is ruined.	7/28/2019 4:03 AM
15	Traffic flow/ congestion, lack of fire departments, more retail Options that bring in more revenue.	7/28/2019 2:32 AM
16	Too many gas stations! Building a gas station directly across from Laurel Elementary is a big problem and puts our children at risk. The parks are riddled with homeless people. Every time I try to go to the park with my kids there are homeless people sleeping on the bench or the play structures. We do not have any activities for children. There are too many homes being built and not enough emergency response (fire and medical) to keep up. The roads are falling apart. Laurel Rd at Main Street is terrible, it's liken off roading with all of the pot holes and terrible patch work.	7/28/2019 2:18 AM
17	Failure to draw large stores/businesses Road improvements and traffic flow	7/28/2019 2:15 AM
18	too many storage and gas stations downtown area renovation expanded less dead end neighborhoods	7/28/2019 2:01 AM
19	Homelessness. Traffic. Blight of gas stations and storage units.	7/27/2019 5:23 PM
20	Over growth ,no jobs less low housing	7/27/2019 4:15 PM
21	No more gas stations, storage facilities	7/27/2019 4:09 PM
22	Speeding on rose ave need bumps Red light runners	7/27/2019 3:49 PM
23	We need more police. We need more sidewalks. Stop building apartments	7/27/2019 3:20 PM
24	The increased traffic in Oakley.	7/27/2019 3:07 PM
25	More stores, Movie theater, and less storage units	7/27/2019 5:58 AM
26	No more storage facilities! My side of town needs a grocery store closer. Stop building these villages with homes stacked on top of each other on tiny lots.	7/27/2019 2:18 AM
27	Schooling and overcrowding plans of action needs a smoother running policy All neighborhoods should have a clean and structured appearance Older roads need to be updated especially the frequently used	7/27/2019 1:44 AM
28	The city needs to stop trying so hard to grow. We need to concentrate on what we have, and how to preserve that. We already have a small police force, yet we are building more houses, which will increase the population and effectively make our police force even smaller. Our fire fighters are also spread thin, yet we are building more houses, before a new fire station. Traffic on Laurel. All 3 of my children cross Laurel every day to go to school, with the "New Downtown" all the traffic was moved from Main St to Laurel, because the children's safety isn't as important as parking at La Costa??? Make Oakley safe for kids to walk to school again!	7/27/2019 1:12 AM
29	Increasing vagrancy No grocery stores between Winco and Lucky, but plenty of liquor stores. Housing construction outpaces street/road access.	7/27/2019 12:57 AM
30	Fill the empty houses or stop building, stop building gas stations and stop building storage businesses.	7/26/2019 4:40 PM

31	I would like to see something fun for people of all ages like go karts, arcades and rock climbing and laser tag and bowling maybe life size board games like chess and Exedra and mini golf and a bar and dance club for adults I have this all in one building would be cool if something similar to this like in San Jose I think it is they combined all the stuff in one building and what's cool about this place has everything for everyone	7/26/2019 3:41 PM
32	No more gas stations or storage units Awful traffic noise on laurel Too many houses being built	7/26/2019 3:13 PM
33	Traffic, easy access to Bart location for the shopping center	7/26/2019 12:02 PM
34	1. Homeless / drug addicts outside of so many stores 2. No good restaurants 3. Excess storage units and gas stations.	7/26/2019 12:00 PM
35	Too much traffic Too many new houses Not enough shopping!	7/26/2019 10:21 AM
36	City council doesn't listen to constituents, does what they want No more storage places or 7-11/AM PM gas stations No Muslim center in Oakley	7/26/2019 8:56 AM
37	Homelessness, lack of pedestrian walkways and cycling paths, good paying jobs. People are moving to Oakley and surrounding areas, but still commuting to the Bay and those surrounding areas.	7/26/2019 7:11 AM
38	1) More areas designated for parks/open space to maintain the rural flavor of Oakley 2) Traffic to and from East Cypress (Emerson Ranch, etc) will need an alternate corridor to the overwhelmed Laurel and downtown routes 3) Advocate aggressively for the e-BART station at Laurel. Lone Tree is already a traffic nightmare. and Laurel can be connected to Antioch at the Laurel off-ramp.	7/26/2019 6:36 AM
39	The Mosque on Neroly road	7/26/2019 5:41 AM
40	Homelessness More local business (Safeway) Oakley Farmers Market	7/26/2019 5:12 AM
41	Too strict of rules for aesthetic value only. I purposely moved into my home because there were no CC&R's. Not enough business to shop locally. We used to have several little gift stores/specialty stores, but they are all gone. Equality for all neighborhoods not just those that the city council live in.(streets that only residents can drive through)	7/26/2019 3:50 AM
42	Gang violence and presence. Additional restaurants and other places for families to spend quality time together. Places for juveniles to have fun in a healthy environment.	7/26/2019 3:14 AM
43	1) How to enable and educate our police force to deal with increasing crime, as the population of Oakley expands and as we open the connecting part of Laurel Road to Antioch. Also, there are too many people speeding on our residential streets. We need speed bumps and other deterrents to keep the speeding to a minimum, especially in Emerson Ranch. We also need more aggressive code enforcement for code violations. 2) The need for a large & beautiful public library (having it at Freedom High is unacceptable - something modeled after the Livermore one would be nice). Also, a public swimming pool like the one in San Ramon would be great. 3) Residents (like me) paying high taxes (mello roos). We do not like these taxes and they are excessive. The city should bring in more retail opportunities to enhance the tax base and work hard to either reduce or eliminate these awful taxes. A lot of people will likely lose their new homes to foreclosure or sell and move out because of them. We do not want to be like Lathrop with these taxes.	7/26/2019 2:56 AM
44	Climate Change Carbon Sequestering Opportunities where available Increase in pollinator habitat	7/26/2019 2:02 AM
45	Too many gas stations, not enough variety in restaurants and grocery stores, too many new homes being built	7/26/2019 1:23 AM
46	Homeless encampments Lack of emergency services (fire) Public awareness of community	7/26/2019 1:16 AM
47	We need to attract different types of businesses. Technology is very important. As we build more homes, please think of making the City attractive for entrepreneurs to start up businesses.	7/26/2019 12:40 AM
48	Overcrowding, too many 7-11	7/25/2019 3:23 PM
49	Too many new housing developments Congested roadways Not enough grocery options Too many storage units and gas stations	7/25/2019 2:22 PM
50	-Developing sidewalks on Rose and Main street -Improving Oakley schools -Improving the Oakley Libary	7/25/2019 2:09 PM
51	1. Bringing business and job opportunity to Oakley. 2. Development planning so Oakley does not end up a patchwork quilt with clusters of like businesses. 3.Homelessness, I realize this is not a popular stance, but this needs to be controlled to a degree, getting these people into the system where they can get help, but their dis-shelved encampments and looming presence at establishments is unsightly and intimidating. I have left a business and gone home because I didn't want to deal with the begging and pushy behaviors exhibited by many. I prefer the signs that discourage pan handling and give donations to foundations that help, rather than enable.	7/25/2019 12:48 PM
52	Crime Blight	7/25/2019 12:45 PM
53	Limited commercial options	7/25/2019 12:17 PM
54	Crime/Speeding on Roadways Fixing Main St in front of city offices. The parking spaces are useless. They don’t work! If you didn’t have the median down the middle then maybe it would. Check out why downtown Livermore’s works. No median. City leadership more interested in their agenda than what people actually want.	7/25/2019 11:22 AM
55	Affordable housing, affordable housing, build more schools	7/25/2019 10:00 AM
56	Homelessness. Loitering. Panhandling outside of business.	7/25/2019 9:29 AM
57	1.) City Council: Actions should reflect the will of the residents; we currently suffer from lack of representation. Mayor position should be by resident vote and not council appointment 2.) Safety: Crime is on the rise; homelessness and related issues have increased tremendously. 3.) Roads/Sidewalks: The majority of our roads cannot support the increased auto and pedestrian traffic; this is a hazard. Also, do not complete expansion of Laurel to Antioch as this will increase traffic along Laurel and provide a unneeded third conduit into Oakley from Antioch. Money can be better spent improving infrastructure	7/25/2019 8:50 AM

58	Uncontrolled building and growth Living wage jobs Adequate transportation infrastructure	7/25/2019 8:16 AM
59	Too many storage places are being built, we have an influx of homeless, I heard the city counsel plays favoritism	7/25/2019 8:14 AM
60	Lack of infrastructure (Roads, Schools, Fire), Stores such as Safeway, target, etc. (NO MORE STORAGE UNITS or 7-11's!!!)	7/25/2019 7:58 AM
61	Lack shopping for consumer goods, lack of dining establishments and lack of entertainment, i.e. movie theatres.	7/25/2019 6:21 AM
62	1) High speed drivers through neighborhoods and school areas. 2) More sidewalks. 3) Eliminate or hide multiple RV's, car collections, and boats, in single home properties.	7/25/2019 1:50 AM
63	Short sighted GREED & lack of environmental sustainability into the future. Promoting Gas Stations when trend is hybrid /electric. ....Who puts Petroleum company next to drinking water canal?? Fast food/convenience stores mean more trash.	7/25/2019 1:28 AM
64	Improved roads to ha DLS growong population. More stores/retail added. More restaurants. There are so many houses being built right now but currently Oakley doesn't have the roads, shopping, dining to support it	7/25/2019 1:03 AM
65	Crime/police presence; poor planning ie placing gas stations at the busiest intersection-difficult to exit during daytime hours. Additionally, need 2 lanes on both sides of main street to at least past O'Hara to the East.	7/25/2019 1:03 AM
66	Respecting heritage Respecting history Respecting CITIZENS' WISHES, and not kow-towing to the delusions of granduer foisted upon us by the city manager!	7/24/2019 1:02 PM
67	Speed on roadways.....the roads have potholes .....some roads need to be widened....more local employment	7/24/2019 12:38 PM
68	Fire stations built and maned w/o taxes More big business Affordable housing (not low income)	7/24/2019 11:11 AM
69	The upcoming train station will be a problem. The street is single lane and already clogged.	7/24/2019 9:47 AM
70	Lack of an independent Oakley Public Library facility Excess service stations/convenience stores/Self Storage Unattractive buildings on Main Street	7/24/2019 9:10 AM
71	Traffic Congestion	7/24/2019 5:39 AM
72	1) Safety challenges! To be able to offer incentives for commercial as well as offices to invest into our community, we need to offer better safety. Parking lots areas (for example, such as the Diamond Hill Spa & club) unfortunately become easy targets for youngsters/people to do wheelies and other nefarious activities like excessive drinking, smoking marijuana etc during after hours. And the Police response to complains from neighboring communities have not been as quick or strong as it should be. Such situations can also be curtailed if proper public area cameras in parking lots of commercial lots are INSISTED upon being installed by the Oakley county. It should be made mandatory so that a sense of safety can be put in place to limit such after hour vandalism and misbehavior! 2) Dealing with the issue of a slowly growing homeless population coming into Oakley, is definitely a point of contention because no matter what the discussion will be regarding it, there is enough evidence pointing to rise in criminal activities because of it. 3) More trash/bags for cleaning up after the dogs etc facility strategically located for people who walk their dogs in gardens, trails and even near residences where small gardens may be located.	7/24/2019 5:08 AM
73	Stop only building gas stations, storage facilities and convenience stores! Parking downtown is so poorly planned	7/24/2019 4:31 AM
74	Having to many storage units need to be addressed We need to have a new grocery store on Laurel not another 7-11 and gas station. Creating jobs for the people of Oakley	7/24/2019 3:12 AM
75	local government over reach local government representatives (honesty?) existing infrastructure vs. future infrastructure	7/24/2019 2:46 AM
76	No opportunities for shopping, need more restaurants, rise in crime.	7/24/2019 2:05 AM
77	Too many homes being built Homelessness How to preserve open land	7/24/2019 1:57 AM
78	A downtown area crime and infrastructure	7/24/2019 1:43 AM
79	Transients, crime and traffic.	7/24/2019 1:30 AM
80	The city council, mayor and manager	7/24/2019 1:07 AM
81	Jobs, careers, infrastructure (NOT HOUSING)	7/24/2019 12:24 AM
82	Need businesses to bring in revenue besides gas stations and storage facilities. I'd love to eat and shop in the city.	7/24/2019 12:20 AM
83	Too many new housing developments going up too quickly and losing the low-key suburban feel. We have no desire to live in another Antioch or Brentwood. Too many cars being parked on neighborhood streets, especially in the newer developments. Can barely drive one car down the streets, let alone the two that are supposed to be able to drive past each other.	7/24/2019 12:12 AM
84	1) protect kids and families from the Increase in homeless individuals who roam downtown and surrounding neighborhood streets, 2) Property Code enforcement patrol neighborhoods to ensure proper maintenance is enforced, and 3) Crime prevention plan upgrade to address potential problems when Amtrak is installed near neighborhoods, schools and businesses	7/23/2019 11:15 PM
85	To many gas stations and storage sites. The 3rd would be only one way in/out due to the narrowing of main street. This is causing too much traffic on Laural. Main needs taken back to 4 lanes to accommodate the housing going in on Cypress.	7/23/2019 10:44 PM
86	Traffic control Homelessness and vagrancy Downtown growth and beautification	7/23/2019 10:03 PM
87	Too much traffic, not enough main roads, stop building homes.	7/23/2019 9:08 PM
88	Protecting the open land The Delta Wild life	7/23/2019 5:18 PM

89	No more gas stations! No more storage units! Keeps our street safe and neighborhoods. Do not open laurel to Antioch.	7/23/2019 4:29 PM
90	Over expansion; insufficient resources (school capacity vs new building)(school fees are collected for this reason), fire dept/emergency response times; need a new grocery store closer to E. Cypress.	7/23/2019 4:01 PM
91	East Cypress road. Only one road into and out of Summer Lake community	7/23/2019 3:36 PM
92	Need more schools. New post office. Homeless. Need more traffic officers!!! (To catch the excessive speeds on residential streets!!) Fire Station!!	7/23/2019 3:33 PM
93	Infrastructure Fire protection	7/23/2019 2:31 PM
94	Schools Staffing the fire station on East Cypress Lack of shopping. (Safeway/ Starbucks)	7/23/2019 2:01 PM
95	More professional jobs	7/23/2019 1:27 PM
96	Homeless, too many storage and 711s, low income housing all centered in 1 area	7/23/2019 12:52 PM
97	Panhandling.. Homeless camps More police officers	7/23/2019 12:36 PM
98	Less Development (No More Walled Developments) Less Traffic More Small Town Feel	7/23/2019 12:19 PM
99	Parking of commercial vehicles in residential areas, one way in and one way out to Downtown, long dusty construction	7/23/2019 12:15 PM
100	The streets are full of potholes. Too many gas stations and storage places. Need big box stores so we don't give Brentwood & Antioch our gard earned tax dollars.	7/23/2019 12:07 PM
101	More people moving to Oakley but the street are getting super congested with the traffic especially around iron house. It is so frustrating to drive on cypress coming from summer lake in the morning due to all the extra drivers moved in and less access to the freeway.	7/23/2019 12:06 PM
102	Need more retail, restaurants Need more access to the Delta Need more culture, jazz/classical concerts, theater, etc.	7/23/2019 11:15 AM
103	We need RESTAURANTS. Have to leave town for a night out. Oakleys middle schools have terrible ratings. We are considering moving or home schooling because of this. A big beautiful city library in downtown area, with a park. We soend A LOT of time at Brentwood's library and community center and park. They attract the RIGHT KIND of activity.	7/23/2019 10:19 AM
104	Develope the downtown, increase local jobs and investment, and expand retail and commercial options.	7/23/2019 10:05 AM
105	Fire protection Police protection Road improvements	7/23/2019 9:49 AM
106	Growth and maintaining a proper, appropriate budget to pay for law enforcement and fire. 2) Crowding. 3) Loss of open space	7/23/2019 9:03 AM
107	Far too many gas stations and storage facilities there should be more options for places to eat out as families and options for the youth such as movie theatre/miniature golf course /arcade etc. this town needs to address homeless population and lack of desirable businesses. Too many storage facilities and low in come apartment complex's. We have the highest property taxes and have no decent places to go in this town and the city looses revenue to surrounding cities that have better options Get it together Oakley you can do better bring us a Safeway and some better places to shop and eat . If our children had a place that was fun to go they may not get into so much trouble.	7/23/2019 9:01 AM
108	Schools need to be better in education and teacher support, safer more efficient pick up and drop off for schools, crime and homelessness.	7/23/2019 8:58 AM
109	Homeless community on Main Street is progressively appearing worse. Drugs down O'Hara close to Main Street is bad can't walk from woodglen to Main without coming across a drug deal now.	7/23/2019 8:34 AM
110	We need more entertainment especially for teens, a bit of a nightlife would be nice too. I spend so much money in other towns to enjoy an evening out, it'd be nice to keep the money local. I am also concerned with the number of convenience stores popping up- within close proximity to schools. Research shows when these stores are nearby schools children consume more junk food and are in poorer health, not to mention the presence of alcohol and tobacco/vape products. The environment is an important contributor to a healthy life.	7/23/2019 7:40 AM
111	Road usage for too many new Oakley residence Not enough retail stores City office employees need better public servicing skills.	7/23/2019 7:20 AM
112	Please make sure the General Plan describes the need for a balance of land use types. This allowed Milpitas to deny gas stations when they had too many in the precedent set by Van Sicklen v. Browne (1971).	7/23/2019 7:08 AM
113	Homelessness, low income housing	7/23/2019 7:05 AM
114	The city is being overrun by storage facilities and gas stations. With the size of Oakley, we are already overwhelmed by the number of storage facilities and gas stations. Also, the "downtown" area is a disaster. It's too difficult to get down Main Street through the area because of the single lanes between O'Hara and Vintage Pkwy.	7/23/2019 6:58 AM
115	Fire protection, less home building, less storage units and gas station.	7/23/2019 6:53 AM
116	The ability to work where we live, access to grocery stores like Safeway, and more accessible competitive swim pool options.	7/23/2019 6:45 AM
117	We desperately need more services, more family activities, improved infrastructure	7/23/2019 6:26 AM
118	1. Too many new convenience stores and gas stations being built. Oakley is a small town and that's family oriented, bringing in these stores and gas stations increases traffic from the highway that brings complications that will chance away families. 2. Preservation of the land that's left, creat more open spaces and trails, places for wildlife. 3. Redesign down town. The traffic that is created by one lane each way causes traffic that keeps people from wanting to go downtown. Open it back up to two lanes each way.	7/23/2019 5:49 AM

119	Making sure general plan is for the residence. Not the look of Oakley for other communities. Keeping historical monuments Not allowing anymore storage units. More local jobs The whole city going solar	7/23/2019 5:45 AM
120	No real complaints, increase in school ratings would be great.	7/23/2019 5:44 AM
121	Fire Department and ability to have the manpower to provide best in class response time, improved dinning and entertaining facilities. Maintain the small town feel	7/23/2019 5:35 AM
122	Getting too busy, don't like gas stations and storage in residential areas	7/23/2019 5:29 AM
123	Infrastructure such as traffic mitigation Too much low income housing that isn't managed properly Not enough amenities such as grocery stores, especially for summer lake and Emerson ranch. Too many storage facilities and gas stations makes Oakley feel like a "pass through" town and not a destination.	7/23/2019 5:27 AM
124	Issues facing the city include removing beautiful vineyards to build useless buildings like storage/car washes. Oakley does not need more gas stations nor storage factories, and car washes are useless when preexisitng car washes at gas stations are already available.	7/23/2019 5:23 AM
125	Not enough shops or restaurants, too many gas stations, no attractions for families	7/23/2019 5:11 AM
126	Need more business growth so locals can support their own city(instead of shopping in Brentwood or Antioch) The growth in crime in the last few years Downtown needs to be more inviting to those that will actually spend and support businesses. No more thrift and junky businesses. How about businesses that draws more than just the local gang bangers	7/23/2019 5:02 AM
127	We need a mayor full time on the job City Plan for climate challenges Reducing use of chemicals proven toxic to citizens especially children.	7/23/2019 5:02 AM
128	Things to do for families and working families.	7/23/2019 5:02 AM
129	Building to many homes not enough schools. Creating more traffic with all the home building. Main streets are getting too congested. No grocery stores near the new homes.	7/23/2019 4:58 AM
130	Traffic, crowded schools	7/23/2019 4:54 AM
131	1. Section 8 is not good for the area look at antioch 2. Education for the kids 3. Safety	7/23/2019 4:50 AM
132	Lack of shopping, lack of sit down quality restaurants. Lack of grocery stores	7/23/2019 4:37 AM
133	1. rising crime in once safe neighborhoods 2. increasingly insane drivers and not enough traffic enforcement 3. spending money on non-essentials instead of infrastructure.	7/19/2019 2:28 PM
134	Crime Traffic Ridiculous high taxes	7/19/2019 1:58 PM
135	Transitioning away from a bedroom community into a community that is more self sufficient (e.g. has its own jobs, retail, etc). Balanced commercialization and growth that benefits the community. Ensure sufficient capacity for roads, schools, public safety, etc.	7/19/2019 6:00 AM
136	Downtown would be great if it had more to it so it was more inviting	7/18/2019 2:57 PM
137	Stop building stupid business mo more gas stations or storage, need good jobs and food restaurants.	7/14/2019 11:46 AM
138	Traffic, parking along Main Street	7/14/2019 3:42 AM
139	Fire Department funding, downtown congestion, lack of extra garbage pickup like most cities do.	7/13/2019 2:06 PM
140	Safety and fire services Assistance for homeless keeping them off the streets More employment opportunities	7/13/2019 8:25 AM
141	1. Too much growth, i.e. too many new storage facilities, 2. keeping out big box stores 3. continue good schools	7/13/2019 7:27 AM
142	Lack of amenities, social spots. Better connections for transit. Oakley is a commuter city. Electric car charging, again Oakley is a commuter city.	7/13/2019 6:12 AM
143	Fire protection x 3 Too much housing packed in...	7/12/2019 3:34 PM
144	More dog parks	7/12/2019 1:43 PM
145	1. We need to improve our schools. 2. We need speedbumps near schools. 3. We need to do more to protect against theft/crime.	7/12/2019 11:24 AM
146	too many residences, not enough jobs available to provide for a family, more shopping	7/12/2019 11:09 AM
147	Building more homes without proper room in schools for the young families occupying these homes. Lack of job opportunities. The fact that most of our residents give money to Brentwood Safeway's and avoid the congested remain st to get to Luckys or Raleys.	7/12/2019 9:34 AM
148	A city wide HOA (city government), leaders who dont listen and lack of support for the fire dept get rid if the city sponsored	7/12/2019 9:29 AM
149	More of a balance with bringing in restaurants and shopping within walking distance.	7/12/2019 8:28 AM
150	Stop building homes, not enough roads to accommodate all these new folks, and Bart can't accommodate the additional volume from parking or Ebart standpoint. Also add a Safeway and Bank of America near area 5. We could also use a decent restaurant like Texas Roadhouse!	7/12/2019 7:01 AM
151	-Keeping crime rate low -commercial and retail business within Oakley proper -infrastructure to handle growth	7/12/2019 7:00 AM
152	Over development Greed Lack of infrastructure	7/12/2019 5:58 AM
153	Fire Services, Too much housing growth, More police presence on roads to reduce speeding/reckless driving	7/12/2019 4:46 AM
154	Local businesses that hire local people Housing with larger yards Restaurants	7/12/2019 3:59 AM

155	1) Rentals!! I was the (very present) owner of one of them so I know about the fee and the inspection and the rules. However there are several rentals in my neighborhood that seem to go completely unchecked and are severely pulling down home values and quality of daily life for the rest of us. Yards un-maintained in any way, blankets hanging in windows instead of curtains or blinds, side yards filled with old furniture and mattresses, broken down cars with flat tires and expired registration sitting in driveways (& on streets) while their daily drivers clutter up and hog all the street parking — and many of the daily drivers are expired too or have illegal paper dealer plates. Of course these are the same people that are fighting with each other, lighting off fireworks, littering trash all over their yard which blows into the street and other yards. You do not appear to be doing much to enforce compliance with your rental inspection program! I think there should be a portal on the website where we can upload photos and descriptions of problem houses so you can DO something about it. 2) Hire more police! MUCH more traffic enforcement please. I saw you did a little blitz on Laurel yesterday - we need much more of that. I often see drivers being sooo wild and reckless 3) Functioning cameras at every intersection! Let's catch these people who are racing (I can hear them from my house at night ALL the time) Lets use them to catch other types of criminals too! — robbery etc	7/12/2019 2:47 AM
156	The downtown area (or lack thereof) needs an ALARMING amount of attention. I mean, what is going on?! There is PLENTY of space on the railroad track's side of Main for downtown-style buildings for RESTAURANTS/BARS and shops to occupy. I think it's safe to say we've had enough of the storage facilities. Lack of restaurants. Lack of communal pride.	7/12/2019 2:41 AM
157	Traffic. Too many new housing tracts	7/12/2019 2:41 AM
158	Nothing for teens to do. Teens are left unattended when parents commute and thus they can easily become misguided.	7/12/2019 2:38 AM
159	traffic control, annexation of land, housing developers	7/12/2019 2:24 AM
160	The trash that is moving in, homeless people need to go and no more gas stations.	7/12/2019 2:13 AM
161	Lack of another exit/traffic control/speed control/noise control on Laurel Road EAST of Marsh Creek for the HUGE number of residences in this area. More retail businesses for shopping/commerce. More police to enforce safety, noise, and violators on our roads.	7/12/2019 2:12 AM
162	There are many dumpy, dirty, run down parts of Oakley. Before building new areas, run down areas should get some attention. More attention should be paid to residential areas. Especially older ones. Residents of Oakley, whether renters or owners, should not be permitted to trash or junk up our city.	7/12/2019 2:02 AM
163	Crime needs to be addressed ...people going through the neighborhoods at night going through our mailboxes and stealing our packages , taking things off our front porch ..breaking our car windows ..this really needs to stop	7/12/2019 1:43 AM
164	too many homes-out of control growth fire protection no retail/sales tax base	7/12/2019 1:40 AM
165	Traffic, no good retail, no good bar and grill but plenty of useless storage facilities	7/12/2019 1:38 AM
166	Fire protection or lack of.	7/12/2019 1:34 AM
167	Homeless, meth problem and mental health abuse	7/11/2019 2:55 PM
168	Crime/blight- keeping businesses and housing known to attract blight and crime need to be placed at the periphery of city limits, near freeways, not in school zones or adjacent to established neighborhoods. Traffic- directing through traffic onto less populated streets, and streets with consistent speed limits will provide safer travel. Also, being sure lights are timed. Jobs- we need more living wage jobs in Oakley, enough GAS STATIONS that will not only pay minimum wage, but will ensure only more minimum wage jobs, as those are the only other businesses that will be willing to locate on those properties	7/11/2019 2:30 PM
169	Finish the 'hourglass' roads Finish Laurel to Sellers before the Cypress corridor is built out. Reallocate funds to the Fire District in the same percentage Antioch and Pitsburg do theirs.	7/11/2019 12:16 PM
170	Traffic, need closer jobs/shopping, crime	7/11/2019 11:25 AM
171	Lack of local careers, lack of adequate fire protection, deteriorating transportation infrastructure	7/11/2019 9:39 AM
172	*Traffic on Laurel *Lack of shopping IN Oakley *Stand alone Library For a city our size it is very sad that we do not have a stand alone library.	7/11/2019 9:04 AM
173	Need to preserve what is good about Oakley while bringing in projects that enhance the community. Must embrace sustainable growth. Need to weigh projects against a vision for a better Oakley.	7/11/2019 8:13 AM
174	Homeless Crime New Library	7/11/2019 8:07 AM
175	We need more commercial stores, grocery, retail and pharmacy type general stores and restaurants. My BIGGEST complaint for Oakley and its challenges are also the lack of care to the roads (improvement in paving potholes) and the lack of landscaped sidewalks and upkeep of the paths, bridges etc. Laurel road at the end of Main St./Teton is so bad with potholes, no through , clean sidewalks and the bridge over the creek is so unsafe and unkept. It needs better crossing for safety of pedestrians. (flashing lights at crosswalks) We need better roads! And also the crime with and help for the homelessness. would love to see that new large park go in at the sellers location	7/11/2019 7:50 AM
176	The poor attention to growth with regards to roads/traffic into our city of Oakley. Many of us have purchased homes here in Oakley because of the affordability. In turn causing a jump in city growing pains. 1. Traffic flow - faster ways to and from the freeway ways. 2. Better Shopping Centers to East Cypress 3. School traffic design (Iron House Elementary- Needs to mirror Pioneer Elementary in Brentwood Drop off/Pick-Up 4. Downtown - near city hall traffic is a poor design PERIOD! As a homeowner whom travels M-F 4-5 Hours commuting a day. All I want to do is to get home, not be bothered by a badly designed city, traffic and lack of healthy and convenient shopping stores near my home. Please consider thinking more clean air, and green with our city. It can be beautiful with the proper ideas put into place to afford all involved. Low Income, Mature Adults, Veterans, Mid Class, etc. United we can all live together.	7/6/2019 9:03 AM

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177	Keeping traffic down and accessability open with the additional homes being built. Environmental concerns as far as keeping clean air and water and low emissions.	7/4/2019 2:01 AM
178	Traffic. The downtown area is trying, and it has the potential to be a big draw for our community. But the traffic is horrendous.the layout is not inviting to pedestrians, foot traffic needs to be increased for this area to thrive. Homelessness, I don't know if the numbers have truly increased or they are just more visible, but with an Amtrak station planned for downtown it will only get worse. Fire/EMS , building fire stations won't solve the funding problem. We need to be able to staff the stations so the community has the emergency services it desperately needs. The thousands of homes down Cypress, summer lakes and Emerson ranch means more emergencies. My husband is in EMS. Response times have increased. Without more people to respond to these calls, our community, your families will suffer when time can mean life of death.	7/3/2019 11:55 PM
179	Congested roads but continuous housing developments; crime brought in by low income housing	7/3/2019 6:11 PM
180	Converting of farms and open land into housing developments, oversized and overpriced housing leaves those employed in our community hurting while only catering to wealthy folks working in the big city, the destruction and alteration of historical downtown into a tacky space that is hard to navigate through leading to increased traffic congestion in neighborhoods	7/3/2019 10:03 AM
181	Too many homes, gas stations and storage facilities.	7/3/2019 8:38 AM
182	Homelessness School traffic Waterfront recreation	7/3/2019 7:47 AM
183	Increase in crime from low income apartments on Carol Lane. Increase in homeless, I see too many homeless roaming our streets. Not enough schools for the homes they are building. We need to make sure the town does not get to big to have the proper amount of officers to protect our city. Too many cars and too many accidents and people speeding! We need more traffic control.	7/3/2019 6:49 AM
184	Not enough basic infrastructure (Fire/Police/Schools) Not enough grocery stores TOO MUCH TRAFFIC (TOO MANY HOMES)	7/3/2019 6:25 AM
185	The influx in new housing is out of control and the roadways are not adequate to accommodate the traffic. The police presence is too small. The lack of another fire station is extremely concerning for the deteriment of safety in the community.	7/3/2019 6:04 AM
186	Not enough fire services for the amount of housing that keeps going up. Too many gas stations and storage facilities and not enough businesses we could use. Too many houses taking up open farmland, the one reason I moved to Oakley.	7/3/2019 5:56 AM
187	Adding more homes but the roadways aren’t wide enough. Also, schools are already over crowded. Too many storage facilities & gas stations.	7/3/2019 5:55 AM
188	attract more jobs; affordable housing; slower residential growth	7/3/2019 5:43 AM

Q3 Community VisionWhat three things would you like to see accomplished by 2040 in order to improve your community?

Answered: 181 Skipped: 23

#	RESPONSES	DATE
1	1) Industrial park. 1, 2, and 3 story sites attracting high quality jobs and corporate income taxes. 2) Parks are expensive to maintain - Quit adding them already!	8/5/2019 1:13 AM
2	More schools so our kids could get a better education instead of being so many kids to a class and school! More jobs for business professionals out here so not so many need to commute for 2+ hours each day.	8/4/2019 9:50 AM
3	A stand alone library!!!!!!	8/1/2019 2:19 PM
4	Public library, a downtown you can walk to and from shops to, and Cypress and Sellers widened	8/1/2019 2:12 PM
5	stop 5 g from being implemented without study of impact on humans, do not sell out the community to the cellular companies	7/29/2019 10:05 PM
6	Protect usuable green space, traffic control, foster small businesses particularly in the downtown Main Street area.	7/29/2019 2:14 PM
7	A promenade with storefronts, restaurants, fire pits, and outdoor seating.	7/29/2019 6:52 AM
8	Improve downtown, create train quiet zone, stop massive building projects that bring more people and traffic	7/28/2019 2:20 PM
9	Everything stayed above	7/28/2019 1:49 PM
10	Another large grocery store. A new bigger Post Office.	7/28/2019 1:49 PM
11	A library No more houses Road improvements	7/28/2019 12:57 PM
12	More retail and jobs, improved infrastructure to accommodate all the growth, no more storage and gas stations	7/28/2019 8:33 AM
13	Swimming pools Trader Joes More Parks Investment into Main Street, have a bakery, an art shop, florist, fishmonger, beauty boutiques	7/28/2019 7:22 AM
14	A nice safeway grocery store, improved police and fire coverage, and the horse trails promised in the plan for the upcoming park project.	7/28/2019 6:23 AM
15	All new local government officials, no more houses, or storage units, focus on the residents that live here now, not the residents you hope to bring in.	7/28/2019 5:57 AM
16	revenue from big box stores, more grocery store, better road conditions	7/28/2019 2:32 AM
17	A pool or swimming park for the community. Activities such as an ice rink for kids to enjoy. Roads need to be maintained! We pay way too much to drive on these roads and they are not maintained adequately.	7/28/2019 2:18 AM
18	Large stores/businesses (no more gas stations and storage facilities) Improvements and traffic flow	7/28/2019 2:15 AM
19	more restaurants bigger, accessible grocery stores more retail stores	7/28/2019 2:01 AM
20	More police.	7/27/2019 5:23 PM
21	Drive in movie theatre Skate parks Police & community activities	7/27/2019 4:09 PM
22	More shopping No more storage units No more gas stations	7/27/2019 3:49 PM
23	More community events. Develop the Main Street to mirror Walnut Creek. Develop the waterfront with walking paths	7/27/2019 3:20 PM
24	More parks or recreation centers. Less of those stupid storage units	7/27/2019 3:07 PM
25	More stores and restaurants, job growth, better school ratings	7/27/2019 5:58 AM
26	Another grocery store closer to main/laurel	7/27/2019 2:18 AM
27	Homeless population decreased More police on patrol More entertainment	7/27/2019 1:44 AM
28	Fire station fully staffed at the end of Cypress (should be done this year!) Police force with adequate staffing to keep our community safe. .78 officers per 1000 residents is not adequate. Less fast food/liquor store/gas stations. More family restaurants, quality businesses.	7/27/2019 1:12 AM
29	Reinvestment in old town Oakley. Discontinue the building of storage facilities and liquor stores. Increase neighborhood security	7/27/2019 12:57 AM
30	As much as I personally don't like populated areas, try to make it so the city can withstand the amount of people attempting to live here. This is a big enough issue to fit all three criteria. Roads, school parking lots etc. are all very busy during times in use (commute, school getting out etc.). I live close to Laurel and the roads can't even be used because of the too-tiny parking lot.	7/26/2019 4:40 PM
31	No more houses or make the houses on huge lots, don't cram 50 houses on a tiny property More parks Keep open land	7/26/2019 3:13 PM
32	More transportation for senior lower tax for senior	7/26/2019 12:02 PM
33	1. Restaurants! 2. Things to do (wine bar, continue community activities, etc) 3. Improve our schools, I don't even have kids, but the scores overall aren't great. 4. Build the preservation/recreation area across from Emerson Ranch 5. Safety - please do something about the homeless walking the streets all of the time.	7/26/2019 12:00 PM

34	Less people Less traffic Better shopping available	7/26/2019 10:21 AM
35	Develop the home town feel to truly feel like a small town... Increase amenities, add a waterfront boat launch/park. We have a lot of waterfront that simply isn't developed for recreation. Big Break park is a joke...you can't swim, no shade anywhere, spiders attack you on the dock...just look up. Stop building homes (rezone the land back to agricultural), we don't need to be a larger bedroom community	7/26/2019 8:56 AM
36	More walkways/bike paths, and shorter commute because of better employment opportunities	7/26/2019 7:11 AM
37	1) Well funded programs for recreation, police, fire and open space. 2) A council that doesn't simply give in to the desires of developers because they "can't make a profit" if their proposed plan is revised in any way, Every resident along Neroly was opposed to Seeno's plan, and they were blatantly ignored. 3) Less public storage/gas station facilities and a better regional shopping area. Perhaps to serve the ever-expanding East Cypress developments, which continue to expand without any services.	7/26/2019 6:36 AM
38	No more building of homes, storage sheds or 7-11's!!!!	7/26/2019 5:41 AM
39	Oakley Farmers Market More walking bicycle trails Incentives for more local restaurants	7/26/2019 5:12 AM
40	A library centrally located. No more storage or gas stations except maybe out along the cypress corridor. Costco	7/26/2019 3:50 AM
41	Add quality restaurants, increase safety though policy and increased police presence.	7/26/2019 3:14 AM
42	1) Besides the library mentioned above, I would like to see a large (modern) family fun center with miniature golf, laser tag, and other activities. Having a company come in to do affordable boat rentals for those of us who cannot afford to purchase them would be great, especially if this were done at the new park off Sellers Avenue. 2) Grocery stores, a nice gym, and some light retail on the Cypress corridor in Emerson Ranch and East of there. No self-storage, cigarette stores, barber shops, dollar stores, but quality retail. I would also like to see something similar to first street alehouse in downtown livermore and maybe a community theater similar to the bankhead theatre. 3) It would be nice if the community park could be constructed long before 2040. I would like Downtown Oakley to adopt a more upscale feel to it and I would also like the same for the area East of cypress and main. I'm not sure how this could be accomplished, but Main Street needs to be widened near downtown and I feel that the area just North of Main St. and Cypress could have better lighting and pedestrian pathways.	7/26/2019 2:56 AM
43	Downtown Revitalization along Main St. Cleaner, litter free neighborhoods Maintenance of Natural Resources	7/26/2019 2:02 AM
44	a Safeway, more variety In shops and restaurants, and our streets need major improvement.	7/26/2019 1:23 AM
45	I'd like more hang out places to take my kid (climbing gyms, tech-savvy science STEM facility that encourages learning, playgrounds for all kids' ages, and even to have adult time (meaning restaurants, a good bar, brewery, wine tasting place).	7/26/2019 12:40 AM
46	Restaurants, shops and a Safeway	7/25/2019 3:23 PM
47	Better roadways (wider)	7/25/2019 2:22 PM
48	-Oakley Down Town -Walking/ Biking trails connecting all of the Oakley parks -Creation of a Oakley phone app	7/25/2019 2:09 PM
49	I feel like there is a lot of division within the community. I have only been here about 4 years but it seems more and more people are very vocally opposed to everything "city council." 1. I believe this rift must be healed for any positive direction can be made. Enforcing things that have been ignored for years and not enforcing things that are a true issue, (parties too loud and too late, package theft, car break in's, trespassing) these kind of things are causing discontent. I realize only part of this rests on the city councils shoulders but as a whole the inconsistency is harming Oakley. 2. Would once again would be the homeless issue. I would like to see businesses cleaned up and free of panhandlers (some) intimidating customers with their behaviors. I know this isn't an easy "fix" and that it would require research, funding and effort, but it doesn't look good for Oakley to have its businesses and street corners littered in trash and with people pressuring drivers and passerby's for money. 3. I would like to see a businesses and infrastructure (police & fire as well) here in Oakley. Businesses would keep Oakley money in Oakley's hands and makes the citizens of this community feel like they live in an up and coming community not just the step child to Brentwood. Infrastructure give the area safety, security, stability and a plan for growth.	7/25/2019 12:48 PM
50	more places in the community for entertainment, socialization.	7/25/2019 12:45 PM
51	Retail, such as a Safeway, book store Medical offices besides a dentist and chiropractor. Some sort of entertainment area like Boomers, water park.	7/25/2019 11:22 AM
52	Build more housing that is accessible to normal people, not half a million dollar houses, and increase community policing.	7/25/2019 10:00 AM
53	Community safety. Less low income housing and more upscale housing/business. Emphasis on community unity and nature/recreation. More trees for shade and beautification.	7/25/2019 9:29 AM
54	1.) Delta Location/Lifestyle: General Plan should include delta preservation and promote and encourage the outdoor activities; Codes should align with this. 2.) Commercial Business: Put a stop to convenience stores and storage unit growth. Future Commercial / Retail space should be located only on the outer edges of city lines; this will reduce traffic while still generating revenue and creating jobs. Current plan has random 'pockets' of commercial/retail zones which make no sense 3.) Laurel Road: Stop the extension of Laurel road to Antioch as there is no need for a third point of direct access from Antioch to Oakley	7/25/2019 8:50 AM
55	Fully funded fire district to support 9 stations with plan for growth Urban agriculture plan Rent stability	7/25/2019 8:16 AM
56	No more 7-11's, gas stations or storage units!! I'd like infrastructure to match and support new home development. Strategically plan where new businesses and low income housing are located.	7/25/2019 7:58 AM
57	I'll be dead by 2040, so why bother responding.	7/25/2019 6:21 AM

58	1)Eliminate storage buildings and 7/11's. 2)Bring back the local farms. 3)Promote home grown fruits and vegetables.	7/25/2019 1:50 AM
59	Sustainability Sustainability Sustainability	7/25/2019 1:28 AM
60	Safeway build a store on laurel/Ohara. Laurel plaza expanding with a restaurant or two.	7/25/2019 1:03 AM
61	Alternative route to freeway. Empire between laurel and west cypress very busy, lots of speeding traffic. Difficult to get onto Empire from tangential neighborhoods. Also, crosswalk difficult to see as evidenced by multiple pedestrian injuries.	7/25/2019 1:03 AM
62	Replace the city manager with someone who respects Oakley's heritage Slowing of growth--particularly--we have MORE THAN ENOUGH gas stations and storage lockers already! Develop the DuPont property into a light industrial/business area to ease the tax burden on homeowners	7/24/2019 1:02 PM
63	More local employment.....better roads...cut back on housing	7/24/2019 12:38 PM
64	Big box store in town Finish downtown redevelopment Complete 55 acre community park	7/24/2019 11:11 AM
65	1. Maintain a SAFE city to live in. 2. Trees and more trees (this one from my dog) 3. Limit home construction.	7/24/2019 9:47 AM
66	Oakley Community Swimming Pool Improved walking/bike trails with landscaping Oakley Library - soon	7/24/2019 9:10 AM
67	Putting a stop sign for southbound traffic on Big Break at the Big Break and Vintage Parkway. Amtrak stop in Oakley.	7/24/2019 5:39 AM
68	1) Having a proper community center with a well sourced library to grow arts & cultural exchanges. A place that can attract performances for the growing diverse Oakley population. 2) Bring more offices/companies to invest in our area by taking a survey of the kind of job Oakley residents do. For example, if survey shows many people going to Dublin/Livermore area for Tech jobs, perhaps Oakley township can give incentives for these Tech companies to open smaller offices where people can go to work rather than go to Dublin/Livermore. 3) Create a new road route via Vasco (in collaboration with Brentwood and Antioch) for people to easily connect to the fast growing Tech companies/Hospitals in Livermore/Dublin area. This will definitely give a lot more incentive for people to buy homes in our area, more shops/stores to open and also get builders to invest better in building good homes in Oakley area.	7/24/2019 5:08 AM
69	Totally new city council who really understands and cares about the residents and city not for themselves to make a buck.	7/24/2019 4:31 AM
70	Right now we are lagging behind Brentwood in the since of bringing in viable businesses. If you need help luring these places like a Safeway or another Grocery store I can do better than who ever your negotiator is. A grocery store will also bring in more jobs for the community than a 7-11 or gas station or public storage. We have a new shopping center opening up and I haven't seen any stores that are committed to coming in yet. A wine bar is an excellent idea but that is only one idea that should have been in the works for 5 years now.	7/24/2019 3:12 AM
71	New City Manager (long before 2040) Decision to not move ahead with train station Address existing infrastructure	7/24/2019 2:46 AM
72	More shops/stores, more restaurants, improvements to the existing schools.	7/24/2019 2:05 AM
73	Slow down of growth Stabilization of housing construction Problem of homelessness	7/24/2019 1:57 AM
74	Keep agriculture and open spaces it provides	7/24/2019 1:43 AM
75	Recreation and aquatic center, keep Marijuana shops out of Oakley don’t allow infrastructure and developments that do not represent the population of Oakley.	7/24/2019 1:30 AM
76	No more homes as fire and PD and schools cannot handle this nor can the freeway. We need something for children and teens like a bowling alley, arcade, pool hall,etc.	7/24/2019 1:07 AM
77	Jobs, careers, infrastructure (NOT HOUSING)	7/24/2019 12:24 AM
78	More police officers. Access to public transportation 1 Activites for kids and teenagers.	7/24/2019 12:20 AM
79	Increased neighborhood code enforcement, slow down on the new developments and add some speed bumps/tables in the newer developments.	7/24/2019 12:12 AM
80	1) Upgrade all aging neighborhoods exterior and business (e.g. Raleys and Lucky complexes) walls facing main streets that are obviously in need of paint at a minimum, 2) add speed bumps to help control speeders throughout Oakley, and 3) increase Oakley police department and budget to equip officers to help keep up with growing population to ensure law and order is maintained keeping Oakley once of the safest cities.	7/23/2019 11:15 PM
81	Fix the 3 challenges above. Also get all of Oakley zoned for Oakley schools. No more east of Empire in Antioch school district.	7/23/2019 10:44 PM
82	Cease New home developments Improved roads/traffic Expand police force	7/23/2019 10:03 PM
83	Stop the building of homes, ease of traffic congestion, shopping	7/23/2019 9:08 PM
84	Protect your land and the delta water and wild life. Once they are gone then we are like everyone else that strips our land of preservation. Money is not everything. Limit our City from overbuilding And construction. Don’t over sale ourselves. Prosperity will come.	7/23/2019 5:18 PM
85	More restaurants, movie theater, businesses that are kid friendly. Keep gas stations away from schools and neighborhoods Stop building more homes	7/23/2019 4:29 PM
86	(1) get some more local jobs to the area so less people are commuting; (2) I like the park idea but not sure if that is the best use for City money - maybe alternatives should be looked at or maybe scale down the project? It could benefit the City for money elsewhere; less taxes - we pay 2.1% taxes and will likely need to move to a neighborhood without those extra taxes	7/23/2019 4:01 PM
87	Schools. Library. Fire stations.	7/23/2019 3:33 PM
88	Infrastructure Fire protection Schools	7/23/2019 2:31 PM

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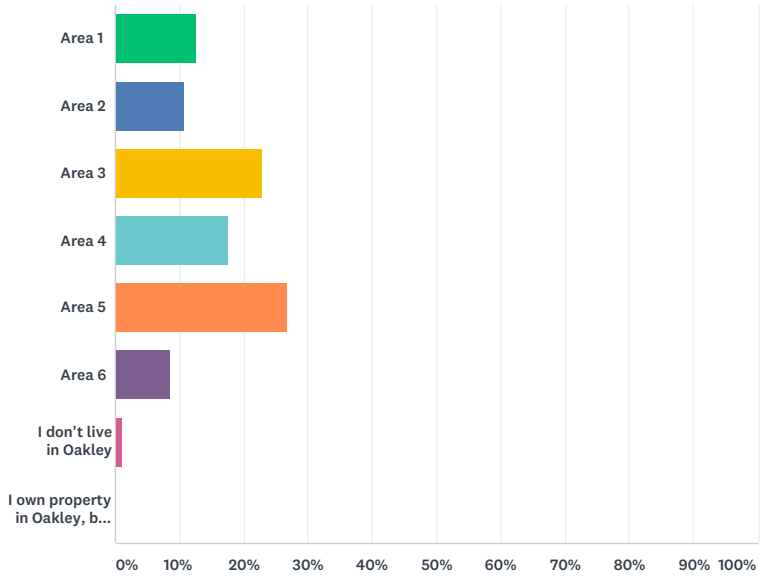
89	Funding for roads-widening, adding turning lanes and updating old roads Staff fire station on East Cypress	7/23/2019 2:01 PM
90	Bring more professional jobs into town	7/23/2019 1:27 PM
91	Stores like trader joes, sprouts or Safeway. Street paving/pothole repair. More improvements on city parks	7/23/2019 12:52 PM
92	Better shopping stores.. more fast food.. less tax..	7/23/2019 12:36 PM
93	More Open Areas (Parks, Orchards, Vineyards Etc.. No Section 8 Rentals More Commercial Less Housing	7/23/2019 12:19 PM
94	New City Council, new Mayor. More big box stores and less gas stations & storage places.	7/23/2019 12:07 PM
95	More wider streets More grocery markets Big box stores like Home Depot, wall Mart, target, ...etc	7/23/2019 12:06 PM
96	Development of Cline Cellars vineyard into a winery Expansion of community center into a performing arts theater Development of downtown with shops, restaurants, art galleries, book stores, etc.	7/23/2019 11:15 AM
97	Library Better schools Restaurants (Cheesecake Factory?!)	7/23/2019 10:19 AM
98	Increase the downtown, use Livermore or Lafayette as a guide. Improve transit options to reduce congestion. Maintain green spaces.	7/23/2019 10:05 AM
99	Fire protection Police protection Road improvements/sidewalks	7/23/2019 9:49 AM
100	Street/ roadways free of trash. Grow the Volunteering in police organization. More schools. Developers footing the bill.	7/23/2019 9:03 AM
101	1) shopping mall 2) grocery store (Safeway /trader Joes) 3) lower property taxes 4) decline of section eight in homes valued over 450,000 5) clean up low income neighborhoods eg. stricter enforcement of front yards and driveway and maintenance of yards 6) clean up schools and build another middle school and high school in city limits to lower tax payers cost for two districts 7) more bike friendly roads 8) better options at parks for middle aged children 9) build a sports complex & community pool 10) better location for post office and nicer people working there that accommodate all people 11) get the police on violators for loud cars doing donuts 12) do fireworks on 4th of July 13) do something to sustain the awful marijuana smell that constantly consumes this area	7/23/2019 9:01 AM
102	More recreational activity available and accessible, teen centers so they have a place to go and be kids, more art, outdoor community gardens and theaters in open lots. Connections to elderly who need our help and support.	7/23/2019 8:58 AM
103	Community cultivated through new building plans.	7/23/2019 8:34 AM
104	No more storage facilities. More entertainment options for a variety of ages. Cap on convenience stores with regulations on minimum distance from schools and parks.	7/23/2019 7:40 AM
105	Schools should be better equipped if city is allowing more housing developments.	7/23/2019 7:20 AM
106	Denial of Gas stations or storage units using previously established methods in case law. Traffic solutions for East Cypress so the new housing does not create a new Clayton situation where residents commute to the freeway before they commute to work. Keep up the good work,	7/23/2019 7:08 AM
107	Homelessness addressed	7/23/2019 7:05 AM
108	More family oriented activities more shopping, fire protectionq	7/23/2019 6:53 AM
109	A Safeway put in A competitive 25 yard pool or swim complex More business opportunities	7/23/2019 6:45 AM
110	Improved fire protection, better roads, more schools	7/23/2019 6:26 AM
111	Open spaces for wildlife Lower the amount of low income housing Better downtown design	7/23/2019 5:49 AM
112	I would like to see a small substantial community.. the whole city with zero waste and emissions	7/23/2019 5:45 AM
113	More parks, keeping up with the beautiful landscape like Brentwood does. And add some tasting rooms or restaurants things like that.	7/23/2019 5:44 AM
114	Push county for better school ratings, access to the delta, recruit best in class restaurants.	7/23/2019 5:35 AM
115	Stop the gauntlet downtown, stop building, keep vineyards.	7/23/2019 5:29 AM
116	New commerce downtown New infrastructure and roadway improvement	7/23/2019 5:27 AM
117	Maintain the beauty of Oakley by preserving the grape vineyards, it's a beautiful and standout feature of Oakley.	7/23/2019 5:23 AM
118	More family friendly attractions, dining and shopping that will go back into the city, clean ups around all neighborhoods	7/23/2019 5:11 AM
119	Better more impressive downtown. One to be proud of and invite outside communities to patronize. Maintain strong police presence to keep the quickly moving in riff raff. Ease up on over building and populating.	7/23/2019 5:02 AM
120	I would like to see the City move away from herbicides and pesticides use. Create a healthier more sustainable agriculture and landscaping.	7/23/2019 5:02 AM
121	Pedestrian safety along Main St (install sidewalk at least on one side); Improvements to children's play areas (shade sails, trees, etc); Enforce dog leash laws and animal restraints in the backyards (I walk frequently and see a lot of dogs on the loose)	7/23/2019 5:02 AM
122	The street planing needs to improve streets are torn with potholes and cracks everywhere! Repair and repair streets every other year. The main streets to get out of OAKLEY are only 1 lane roads causing traffic. The street planning needs to look at renovating streets and convert them to 2 lanes not 1 lane roads to cause traffic in the city of OAKLEY!' Houses should be built like old style ranch house with side yards to accommodate boats and RV parking. Since our Oakley is known for the delta and closed to camp grounds!	7/23/2019 4:58 AM

123	More schools, parks Less traffic congestion retail stores	7/23/2019 4:54 AM
124	More Police Officer More stores in Oakley less Code Enforcement Officer because they are pick old people just because there grass is dead!!!!!	7/23/2019 4:50 AM
125	More shopping / high end retail, fine dining	7/23/2019 4:37 AM
126	Restore sanity to the traffic on our streets. Spend our money on fire and police services not parks and downtown beautification. Get a city council that listens.	7/19/2019 2:28 PM
127	Businesses other than storage facilities, gas stations and mini marts. This is a fishing community... how about a Bass Pro/ Cabelas store?	7/19/2019 1:58 PM
128	More local jobs. More retail (SAFEWAY), restaurants, medical, and other local services. Better access to transit.	7/19/2019 6:00 AM
129	A more inviting downtown, but you guys are doing a great job slowly improving it. I understand this won't happen overnight. I'm	7/18/2019 2:57 PM
130	Better planning, roads suck houses everywhere.	7/14/2019 11:46 AM
131	Different type of parking along Main Street	7/14/2019 3:42 AM
132	Fire Department funding, open downtown road, do fee excess garbage pickup ever 3 months instead of making it so expensive for residents to get rid of their stuff.	7/13/2019 2:06 PM
133	Keeping the small community charm Not becoming a city HOA!!! Maintaining police and fire services	7/13/2019 8:25 AM
134	1. possible addition of a public swimming pool 2. increased Senior citizen activities and education 3. On call public transportation, small buses or vans	7/13/2019 7:27 AM
135	Nightlife. Rail connections.	7/13/2019 6:12 AM
136	Bypass around downtown. More sporting opportunities. Grocery, retail, restaurants out towards Bethel Island. Less storage units! WTF	7/12/2019 3:34 PM
137	More dog parks More upscale vendors Community fairs	7/12/2019 1:43 PM
138	1. Improve school ratings 2. Decreased crime 3. More downtown facilities	7/12/2019 11:24 AM
139	delta family fun water zone, tennis center, commerce	7/12/2019 11:09 AM
140	Big box stores. Downtown completely redone and accessible. A nice establishment like a winery or local pub to enjoy with outdoor area	7/12/2019 9:34 AM
141	Get rid of the city sponsored HOA, more support for the fire dept, better roads	7/12/2019 9:29 AM
142	Restaurants and shopping for clothes and food in walking distance of my home.	7/12/2019 8:28 AM
143	Stop building homes, add a Safeway and Bank of America near area 5	7/12/2019 7:01 AM
144	-Keeping crime rate low -commercial and retail business within Oakley proper -infrastructure to handle growth	7/12/2019 7:00 AM
145	Growth limits, New Community Park completed with preferences towards a Rural feel (Farm/Animal type of features), Fire Service funding	7/12/2019 4:46 AM
146	Fix intersection of Empire with both Main and Oakley Road. Water Park or similar near E Cypress Bike lanes clearly marked and separated by double yellow line and "thumpers" on Empire, Laurel, O'Hara, Main	7/12/2019 3:59 AM
147	1) Revitalized, thriving downtown (a destination place) 2) SAFE streets (main roadways AND neighborhoods) 3) Clean, well-maintained neighborhoods. PLEASE don't let us go the way of Antioch!!!!	7/12/2019 2:47 AM
148	A development of a downtown. More parks and recreation. More places to eat and drink.	7/12/2019 2:41 AM
149	Make Oakley a destination and not just a pass through town. A vibrant downtown with shops and activities	7/12/2019 2:41 AM
150	Spend less on aesthetics and more on infrastructure.	7/12/2019 2:38 AM
151	increase police, increase fire dept staff, increase community outreach services such as domestic violence shelters, Meals on Wheels	7/12/2019 2:24 AM
152	More police officers, no low income homes, no gas stations	7/12/2019 2:13 AM
153	Traffic control on Laurel Road east of Marsh Creek for safety, speed, noise. So many houses and only one exit. A larger police force with more visibility and presence. Better roads.	7/12/2019 2:12 AM
154	Follow through with neighborhood preservation, stop building new homes and worry about the residents and areas that are already here. We deserve to be priority. The more and more people that are attracted to open the more and more crime we will have, the more and more blight we will have. But I guess city government is only concerned about the revenue it will bring :(	7/12/2019 2:02 AM
155	Are you kidding I won't be alive by 2040.. what a stupid question	7/12/2019 1:43 AM
156	less subdivisions larger lots allowing rural lifestyle (limit ag) retail built along Main Street	7/12/2019 1:40 AM
157	Won't be here past 2024. I am selling and leaving this mismanaged joke of a city	7/12/2019 1:38 AM
158	Appropriate levels of fire protection.	7/12/2019 1:34 AM
159	Better shopping centers, bigger community events and cleaner landscape	7/11/2019 2:55 PM
160	1. Clean up the streets. Landscaping and communal fences are in very poor shape 2. Establishing some solid business centers where people can earn a living wage. Capitalize on the proximity to the Delta, by creating areas for leisure with restaurants and entertainment. 3. Prohibiting any cannabis related businesses! They will only bring more crime and blight to the area! Oakley could easily stand out as one community committed to keeping our youth safe and providing a desirable area to live.	7/11/2019 2:30 PM

161	Rebuild the Main street corridor to four lanes Permanently fund the Fire district Stronger more forceful code enforcement department	7/11/2019 12:16 PM
162	Traffic, jobs/shops, crime	7/11/2019 11:25 AM
163	Urban agriculture, improved roadways, local career opportunities	7/11/2019 9:39 AM
164	*More shopping centers *New library *More dedicated open space. As more developers build up on the farm space, our open land disappears and we will become just another suburb. To combat that we need open space put in a trust so it cant be over developed.	7/11/2019 9:04 AM
165	Tech industry jobs. Quality shopping and dining options. Cohesive community spirit and vision.	7/11/2019 8:13 AM
166	Community park Curb development Sidewalks all the way down main street to Lone Tree Way	7/11/2019 8:07 AM
167	Not so many homes but more things to do in Oakley. Better retail, better shops, restaurants, and things for kids/families to do. A community pool/waterpark maybe?? More jobs here.. and keep some of the open land.. not just homes everywhere like Brentwood did.	7/11/2019 7:50 AM
168	2040???? Stop □ You need to improve sooner than later. Better pay for teachers. So, we attack and retain great staff for our future generations. Schools Youth center a Community Enrichment	7/6/2019 9:03 AM
169	Revitalizing some of the older and historical businesses and neighborhoods to keep the older charm we have over places like brentwood. Less developments to keep the community small and tight knit. Continued upkeep of public parks and schools. Additional recreational areas for all abilities.	7/4/2019 2:01 AM
170	Local family entertainment. Not movie theater but something for families to do to keep our community spending money locally. More variety of restaurants. More natural trails/parks.	7/3/2019 11:55 PM
171	I would like roads widened, housing to stop being built, and low income housing to be limited more.	7/3/2019 6:11 PM
172	Better road conditions and grocery store near east cypress more affordable housing	7/3/2019 11:01 AM
173	Halt approval for any new housing developments unless they are medium to low density, 3 or less bedrooms, and affordable for families that work in our local community. Cease the destruction of our valuable farmland that is being used to build massive, tacky, predatory storage facilities. The establishment of a shelter, resource center, and space for use by homeless folks that can also accommodate tents and RVs and has availability of park-style barbecues, dumpsters, and clean running water.	7/3/2019 10:03 AM
174	No more gas stations, AM PM or 7/11 type stores. Widen Main Street downtown so traffic can flow. Get rid of any type of train station.	7/3/2019 8:38 AM
175	Waterfront recreation Ferry to SF Unique shops and restaurants	7/3/2019 7:47 AM
176	Keeping the city clean and safe and a proud place where people want to live. More schools and less homes. Stronger traffic control. A park with a community pool or maybe a water park. Also put money into the schools, upgrade Oakley Elementry.	7/3/2019 6:49 AM
177	LESS NEW HOMES More Bar & Grill type restaurants More entertainment opportunities (food trucks more often, etc)	7/3/2019 6:25 AM
178	New wider roads with lighted crosswalks. More police. More sanctioned land for schools.	7/3/2019 6:04 AM
179	Fire stations. Road improvements. Vineyards and open space	7/3/2019 5:56 AM
180	Widen roads, re-pave roads, add sidewalks to Cypress, stop building storage facilities, stop building gas stations, keep open farm land.	7/3/2019 5:55 AM
181	Commercial growth without compromising community cohesion; continued priority on public safety; and more affordable housing.	7/3/2019 5:43 AM

Q4 Using the map below, please identify which neighborhood/area of the city you live in.

Answered: 198 Skipped: 6

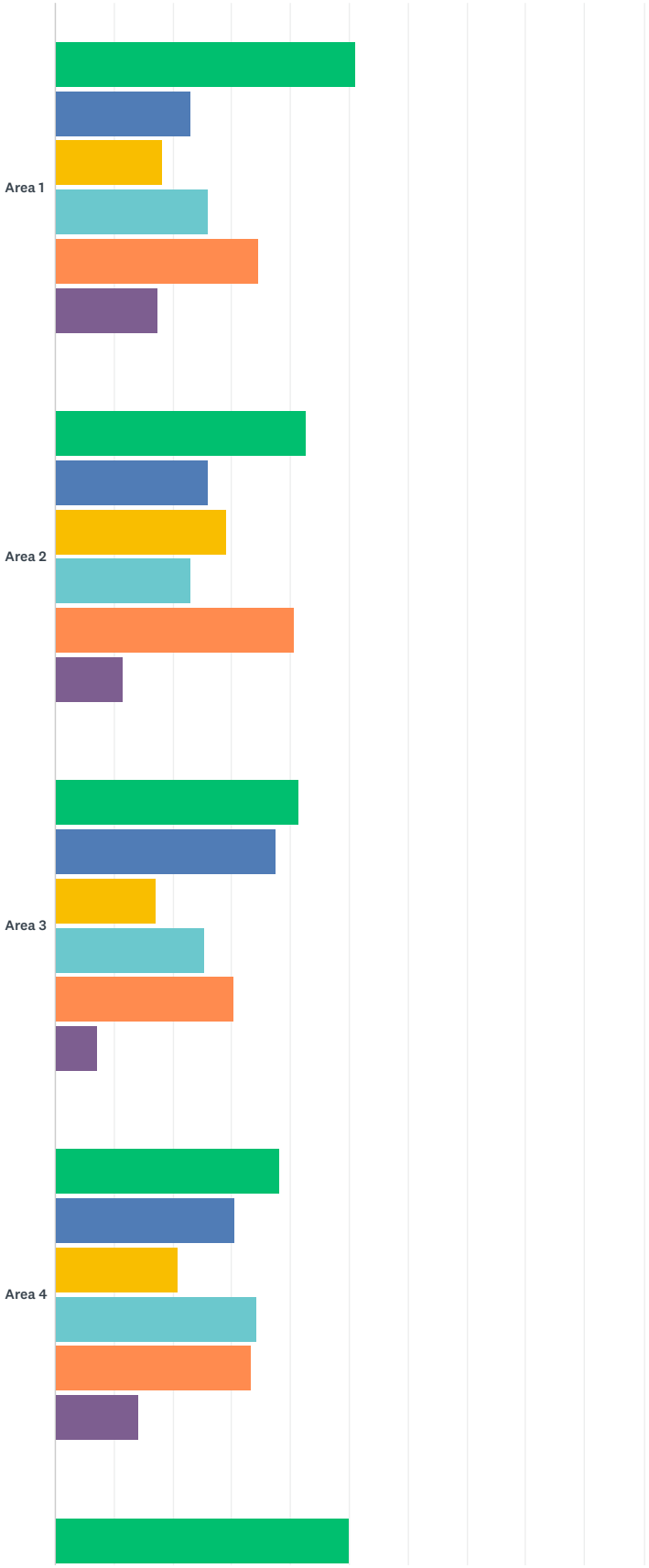


ANSWER CHOICES	RESPONSES	
Area 1	12.63%	25
Area 2	10.61%	21
Area 3	22.73%	45
Area 4	17.68%	35
Area 5	26.77%	53
Area 6	8.59%	17
I don't live in Oakley	1.01%	2
I own property in Oakley, but I don't live in Oakley	0.00%	0
TOTAL		198

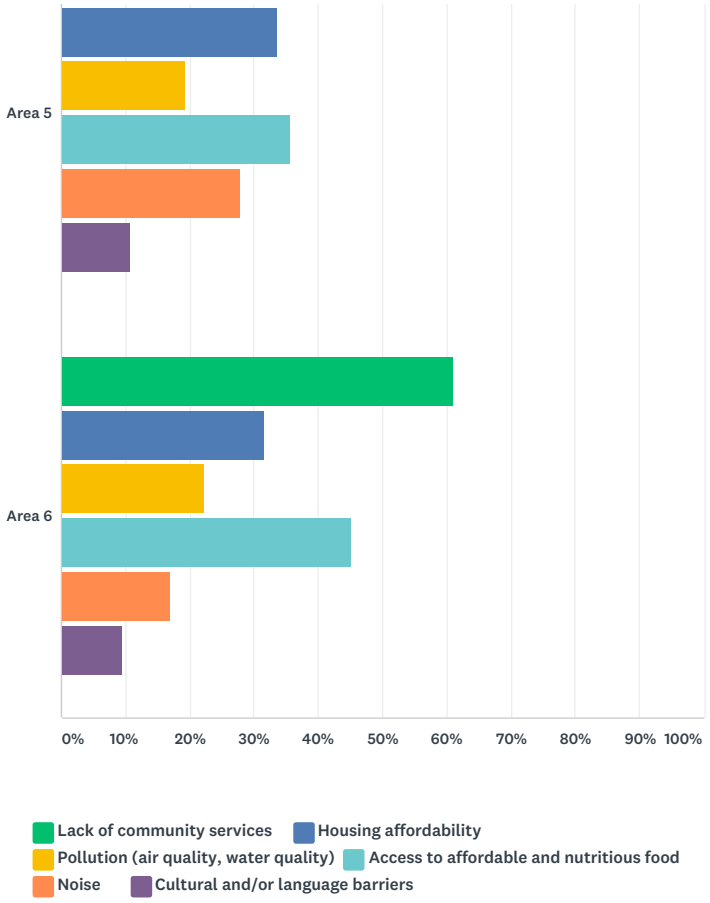
1170

Q5 For each area shown on the map, identify the issues that are of most concern or the highest priorities:

Answered: 166 Skipped: 38



1171

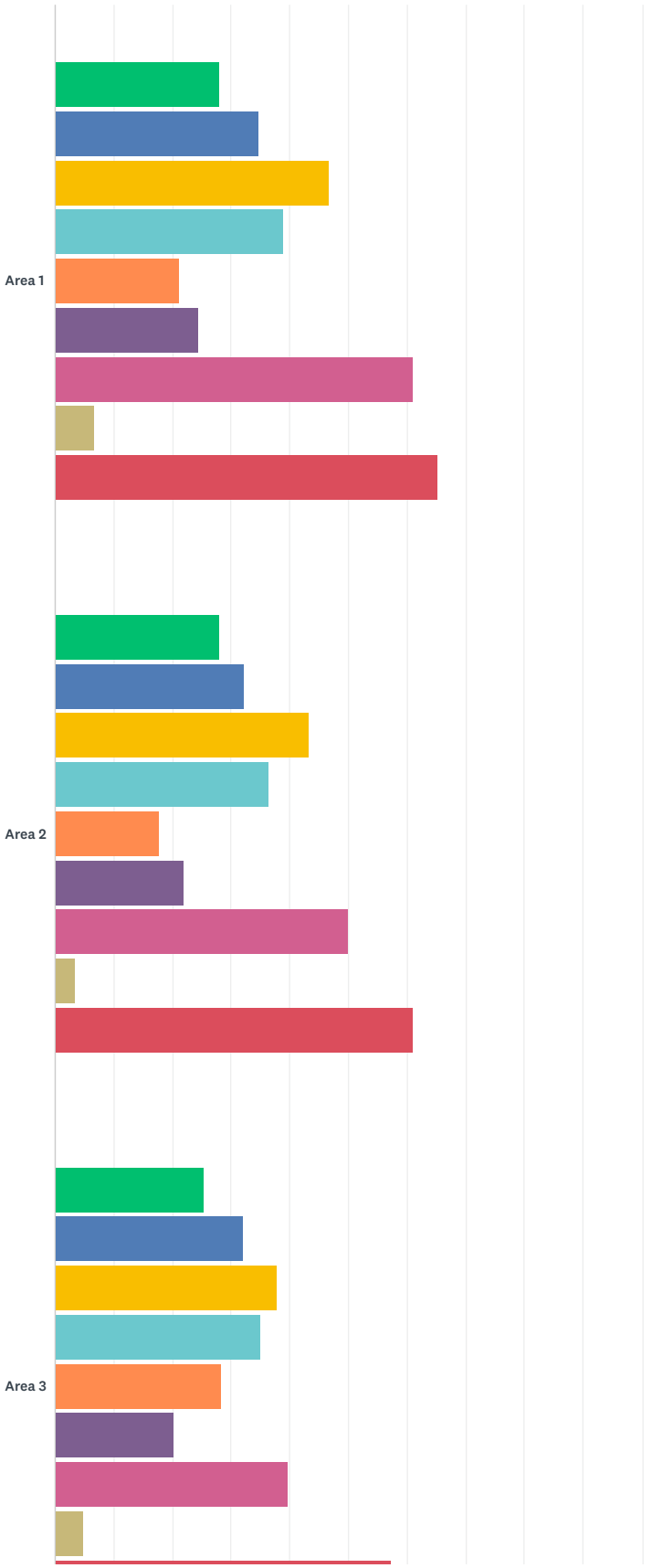


	LACK OF COMMUNITY SERVICES	HOUSING AFFORDABILITY	POLLUTION (AIR QUALITY, WATER QUALITY)	ACCESS TO AFFORDABLE AND NUTRITIOUS FOOD	NOISE	CULTURAL AND/OR LANGUAGE BARRIERS	TOTAL RESPONDENTS
Area 1	50.96% 53	23.08% 24	18.27% 19	25.96% 27	34.62% 36	17.31% 18	104
Area 2	42.71% 41	26.04% 25	29.17% 28	22.92% 22	40.63% 39	11.46% 11	96
Area 3	41.41% 41	37.37% 37	17.17% 17	25.25% 25	30.30% 30	7.07% 7	99
Area 4	38.10% 40	30.48% 32	20.95% 22	34.29% 36	33.33% 35	14.29% 15	105
Area 5	50.00% 52	33.65% 35	19.23% 20	35.58% 37	27.88% 29	10.58% 11	104
Area 6	61.05% 58	31.58% 30	22.11% 21	45.26% 43	16.84% 16	9.47% 9	95

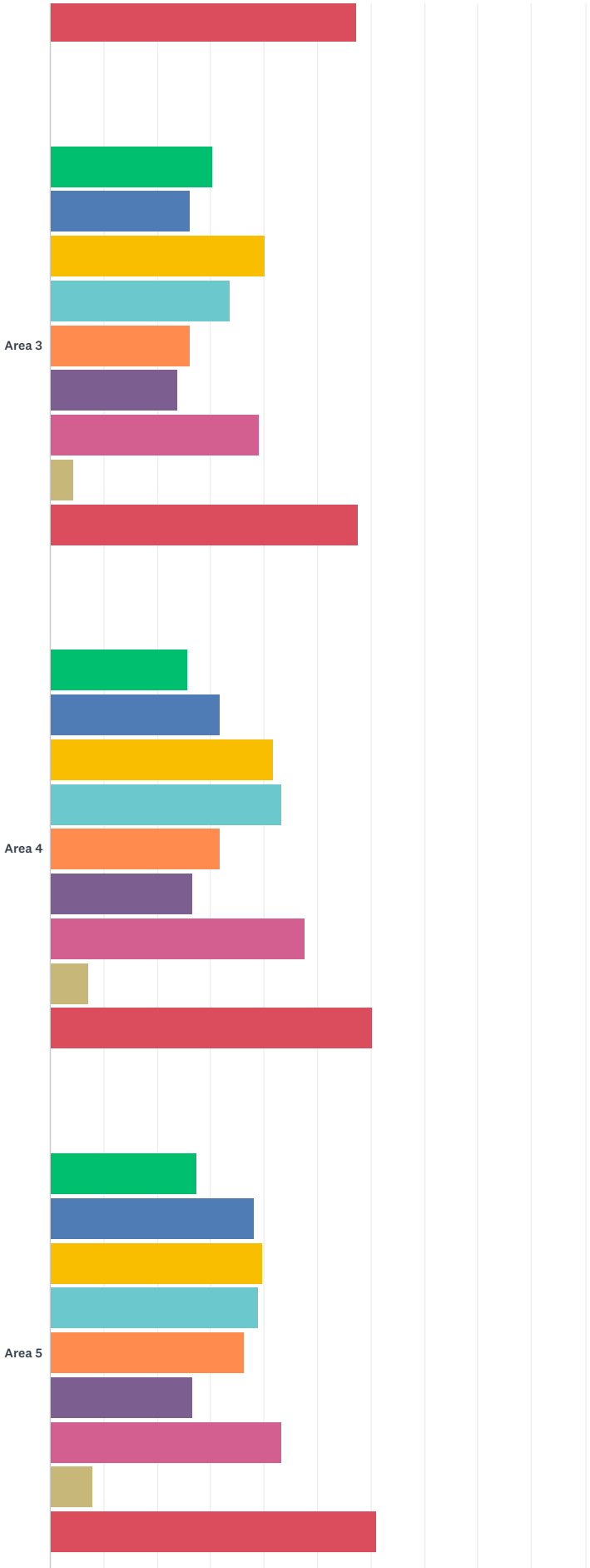
1172

Q6 For each area on the map, identify the top four solutions and amenities needed in the area:

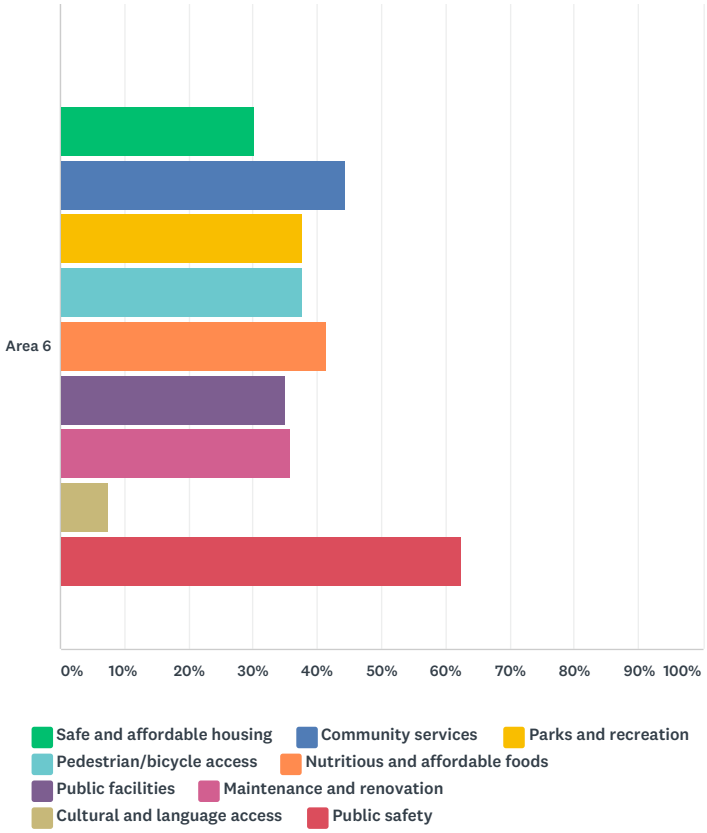
Answered: 182 Skipped: 22



1173



1174

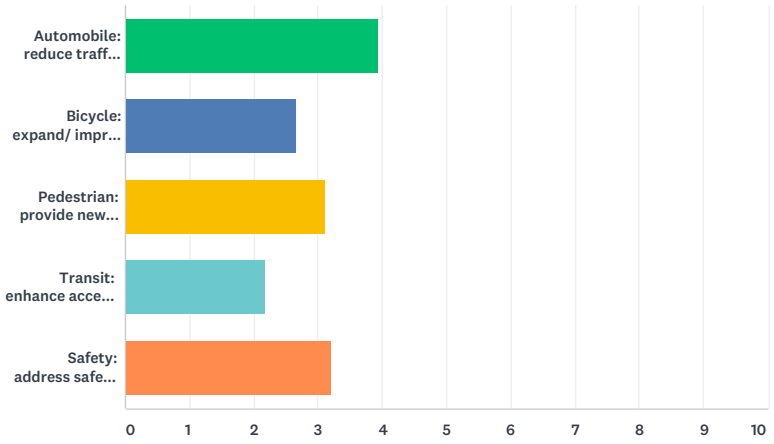


	SAFE AND AFFORDABLE HOUSING	COMMUNITY SERVICES	PARKS AND RECREATION	PEDESTRIAN/BICYCLE ACCESS	NUTRITIOUS AND AFFORDABLE FOODS	PUBLIC FACILITIES	MAINTENANCE AND RENOVATION	CULTURAL AND LANGUAGE ACCESS	PUBL SAFE
Area 1	27.97% 33	34.75% 41	46.61% 55	38.98% 46	21.19% 25	24.58% 29	61.02% 72	6.78% 8	65.2
Area 2	27.97% 33	32.20% 38	43.22% 51	36.44% 43	17.80% 21	22.03% 26	50.00% 59	3.39% 4	61.0
Area 3	25.24% 26	32.04% 33	37.86% 39	34.95% 36	28.16% 29	20.39% 21	39.81% 41	4.85% 5	57.2
Area 3	30.43% 28	26.09% 24	40.22% 37	33.70% 31	26.09% 24	23.91% 22	39.13% 36	4.35% 4	57.6
Area 4	25.66% 29	31.86% 36	41.59% 47	43.36% 49	31.86% 36	26.55% 30	47.79% 54	7.08% 8	60.1
Area 5	27.43% 31	38.05% 43	39.82% 45	38.94% 44	36.28% 41	26.55% 30	43.36% 49	7.96% 9	61.0
Area 6	30.19% 32	44.34% 47	37.74% 40	37.74% 40	41.51% 44	34.91% 37	35.85% 38	7.55% 8	62.2

1175

Q7 Prioritize the types of transportation improvements that the General Plan Update should address in order of importance from 1 to 5:

Answered: 199 Skipped: 5

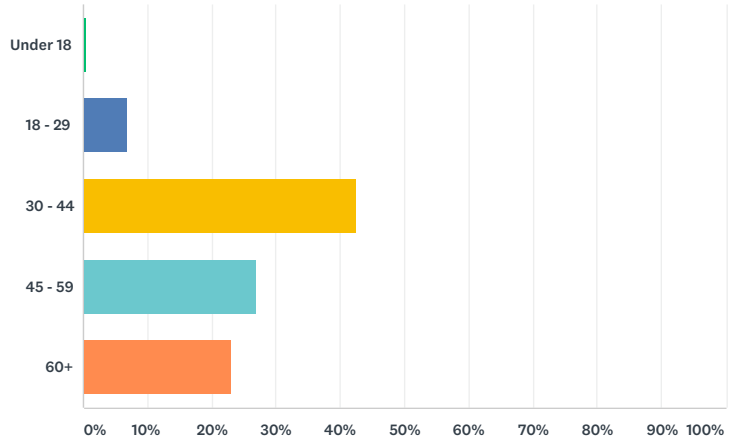


	1	2	3	4	5	TOTAL	SCORE
Automobile: reduce traffic delays and congestion, continue to increase motor vehicle traffic capacity, etc.	50.00% 95	20.00% 38	12.11% 23	9.47% 18	8.42% 16	190	3.94
Bicycle: expand/ improve the citywide bikeway network and supply of bicycle parking; attract bike share providers, etc.	9.09% 17	23.53% 44	17.11% 32	24.60% 46	25.67% 48	187	2.66
Pedestrian: provide new and/or improved pedestrian crossings, sidewalks and paths.	8.42% 16	26.84% 51	40.00% 76	17.89% 34	6.84% 13	190	3.12
Transit: enhance access to transit stops and stations; provide measures to reduce bus delay; and/or support the provision of new or enhanced transit service.	5.24% 10	9.95% 19	16.75% 32	32.46% 62	35.60% 68	191	2.17
Safety: address safety issues and reduce collisions for all travel modes, etc.	30.57% 59	20.21% 39	13.47% 26	11.40% 22	24.35% 47	193	3.21

1176

Q8 What is your age?

Answered: 200 Skipped: 4

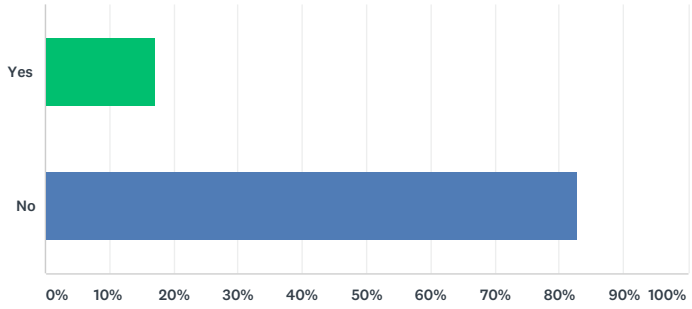


ANSWER CHOICES	RESPONSES	
Under 18	0.50%	1
18 - 29	7.00%	14
30 - 44	42.50%	85
45 - 59	27.00%	54
60+	23.00%	46
TOTAL		200

1177

Q9 Do you work in Oakley?

Answered: 198 Skipped: 6



ANSWER CHOICES	RESPONSES	
Yes	17.17%	34
No	82.83%	164
TOTAL		198

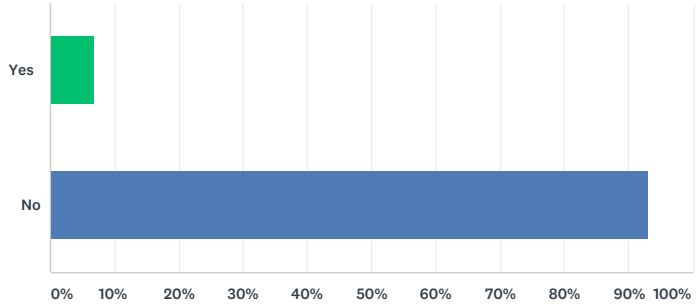
#	IF NO (PLEASE SPECIFY WHERE YOU WORK)	DATE
1	Concord	8/4/2019 9:50 AM
2	Concord	7/29/2019 2:14 PM
3	San Francisco	7/29/2019 6:52 AM
4	Walnut Creek	7/28/2019 2:20 PM
5	Retired	7/28/2019 1:49 PM
6	Concord	7/28/2019 12:57 PM
7	Walnut Creek	7/28/2019 8:33 AM
8	San Francisco	7/28/2019 7:22 AM
9	Antioch	7/28/2019 4:03 AM
10	Home maker	7/28/2019 2:27 AM
11	Antioch	7/28/2019 2:18 AM
12	Livermore	7/28/2019 2:13 AM
13	There is only very few job opportunities to be able to afford to live in our community unless you're the overpaid city manager then he can move to Danville	7/27/2019 4:15 PM
14	Pittsburg	7/27/2019 4:09 PM
15	Unemployed	7/27/2019 3:49 PM
16	Pittsburg	7/27/2019 3:20 PM
17	Concord	7/27/2019 3:07 PM
18	Pleasant Hill	7/27/2019 5:58 AM
19	Sf bay area	7/27/2019 2:50 AM
20	Richmond	7/27/2019 2:18 AM
21	Concord	7/27/2019 1:12 AM
22	Oakland	7/27/2019 12:57 AM
23	Bay Area	7/26/2019 12:02 PM
24	Remotely - Based out of Emeryville	7/26/2019 12:00 PM
25	San Francisco	7/26/2019 7:11 AM
26	Concord	7/26/2019 6:36 AM
27	Oakland	7/26/2019 5:12 AM
28	retired from OUESD	7/26/2019 3:50 AM
29	Livermore	7/26/2019 2:56 AM
30	East Contra Costa County	7/26/2019 2:02 AM
31	Antioch	7/26/2019 1:23 AM
32	Antioch	7/26/2019 12:40 AM
33	Emeryville	7/25/2019 2:09 PM
34	Antioch	7/25/2019 12:45 PM

35	Brentwood	7/25/2019 12:17 PM
36	Pittsburg and soon Pleasant Hill. Would love to work in Oakley if good paying jobs	7/25/2019 11:22 AM
37	Antioch	7/25/2019 9:36 AM
38	Concord	7/25/2019 9:29 AM
39	Declined	7/25/2019 8:50 AM
40	Retired	7/25/2019 8:16 AM
41	Stockton	7/25/2019 7:58 AM
42	Fremont	7/25/2019 6:32 AM
43	retired	7/25/2019 6:21 AM
44	retired	7/25/2019 1:50 AM
45	Disabled	7/25/2019 1:28 AM
46	Retired	7/24/2019 1:02 PM
47	Retired	7/24/2019 12:38 PM
48	retired	7/24/2019 11:11 AM
49	Retired	7/24/2019 9:10 AM
50	Martinez	7/24/2019 4:31 AM
51	Pittsburg	7/24/2019 2:46 AM
52	Brentwood	7/24/2019 2:05 AM
53	Concord	7/24/2019 1:57 AM
54	Retired worked in Brentwood	7/24/2019 1:43 AM
55	Walnut creek	7/24/2019 1:07 AM
56	Walnut Creek	7/24/2019 12:24 AM
57	Antioch	7/24/2019 12:20 AM
58	San Francisco	7/23/2019 11:15 PM
59	Pittsburg	7/23/2019 10:03 PM
60	Richmond Ca	7/23/2019 5:18 PM
61	Lafayette	7/23/2019 4:01 PM
62	Retired	7/23/2019 3:36 PM
63	Real Estate Appraisals. Work Contra Costa County and Nevada County.	7/23/2019 3:33 PM
64	Brentwood	7/23/2019 2:31 PM
65	Discovery Bay	7/23/2019 2:01 PM
66	Veterinary Hospital	7/23/2019 12:52 PM
67	Retired	7/23/2019 12:36 PM
68	Modesto	7/23/2019 12:15 PM
69	Concorf	7/23/2019 12:07 PM
70	Franchise business consultant- all over Bay Area	7/23/2019 12:06 PM
71	i don't work, i just play	7/23/2019 11:15 AM
72	Concord	7/23/2019 10:05 AM
73	retired	7/23/2019 9:49 AM
74	Oakland	7/23/2019 9:03 AM
75	Livermore	7/23/2019 9:01 AM
76	Stay at home mom	7/23/2019 8:58 AM
77	I work in many different towns throughout contra costa county	7/23/2019 7:40 AM
78	Walnut Creek	7/23/2019 6:58 AM
79	Emeryville	7/23/2019 6:45 AM
80	Stay at home parent	7/23/2019 6:26 AM
81	Operator	7/23/2019 5:49 AM
82	Brentwood	7/23/2019 5:45 AM
83	Brentwood	7/23/2019 5:44 AM
84	San Ramon	7/23/2019 5:35 AM
85	Retired	7/23/2019 5:29 AM
86	There are no careers in Oakley.	7/23/2019 5:14 AM
87	Pittsburg/walnut creek	7/23/2019 5:11 AM
88	Retired Oakley School Office manager	7/23/2019 5:02 AM
89	Walnut creek	7/23/2019 4:58 AM

90	sunnyvale	7/23/2019 4:50 AM
91	San Francisco	7/23/2019 4:37 AM
92	Retired	7/19/2019 2:28 PM
93	Brentwood	7/18/2019 2:57 PM
94	No thanks	7/14/2019 11:46 AM
95	Pittsburg	7/14/2019 3:42 AM
96	Antioch	7/13/2019 8:25 AM
97	Retired	7/13/2019 7:27 AM
98	Oakland	7/13/2019 6:12 AM
99	Antioch	7/12/2019 3:34 PM
100	Antioch	7/12/2019 1:43 PM
101	Pleasanton	7/12/2019 11:24 AM
102	Brentwood	7/12/2019 11:09 AM
103	Alameda county	7/12/2019 9:34 AM
104	Pittsburg	7/12/2019 9:29 AM
105	Concord	7/12/2019 7:00 AM
106	Concord, Benicia, Martinez, Bakersfield	7/12/2019 2:47 AM
107	Brentwood	7/12/2019 2:41 AM
108	Pleasanton	7/12/2019 2:41 AM
109	Contra Costa County Probation	7/12/2019 2:28 AM
110	Retired teacher @ Gehringer Elementary	7/12/2019 2:12 AM
111	Antioch	7/12/2019 2:02 AM
112	San Francisco	7/12/2019 1:43 AM
113	Not in Oakley	7/12/2019 1:38 AM
114	Brentwood	7/11/2019 2:55 PM
115	Antioch	7/11/2019 2:30 PM
116	Retired	7/11/2019 12:16 PM
117	San Ramon	7/11/2019 11:25 AM
118	Retired	7/11/2019 9:39 AM
119	Oakland	7/11/2019 9:04 AM
120	Brentwood and Antioch	7/11/2019 7:50 AM
121	Walnut Creek	7/6/2019 9:03 AM
122	Pleasant Hill	7/4/2019 2:01 AM
123	Antioch, Sutter Delta medical center	7/3/2019 11:55 PM
124	Walnut Creek	7/3/2019 6:11 PM
125	Stay at Home Parent	7/3/2019 11:01 AM
126	Retired	7/3/2019 8:38 AM
127	Antioch	7/3/2019 6:49 AM
128	Not enough work in my trade (IT Project Manager for Kaiser in Modesto, CA)	7/3/2019 6:25 AM
129	Oakland	7/3/2019 6:04 AM
130	Concord.	7/3/2019 5:56 AM
131	N/a	7/3/2019 5:55 AM
132	retired	7/3/2019 5:43 AM

Q10 Did you attend one or more of the General Plan Update workshops conducted in June 2019?

Answered: 201 Skipped: 3



ANSWER CHOICES	RESPONSES	
Yes	6.97%	14
No	93.03%	187
TOTAL		201

1181

Q11 Is there anything else you want to share related to the General Plan Update?

Answered: 103 Skipped: 101

#	RESPONSES	DATE
1	I would like a public library not connected to the high school. The library is valuable part of the community. It needs a bigger Space!	8/1/2019 2:19 PM
2	We need safer roads- more stoplights!	8/1/2019 2:12 PM
3	look into 5 g and ask questions to the people implementing this in the community. what will the impact be on humans. do not sell out the community	7/29/2019 10:05 PM
4	Poor or no sidewalks from orchard park elementary into the neighborhoods for children to safely walk to and from school.	7/29/2019 2:14 PM
5	New to the area and I would hate to see this beautiful community become another carbon copy of other cities. Think outside of the box.	7/29/2019 6:52 AM
6	Had to move because we didn't want to deal with a train station close to our home, too many convenience stores being built, against allowing large mosque/housing complex/school to be built in Oakley.	7/28/2019 2:20 PM
7	Please stop building houses!!! Oakley used to be a wonderful small, rural town try to retain that feel. A new grocery store, adequate police and fire for the current population, and finish the planned schools are all we need! Keep Oakley small.	7/28/2019 6:23 AM
8	Don’t waste money on a huge park use the money to update our current neighborhoods, speed bumps, stop signs etc.	7/28/2019 5:57 AM
9	The Antioch trash is moving in and soon Oakley will be just like Antioch with all the theft and unsafe areas.	7/28/2019 4:03 AM
10	The community is not happy with the way this city is going and the leaders should be more transparent and take into consideration what the people who reside in Oakley want.	7/28/2019 2:18 AM
11	Stop putting in gas stations and storage units. Make more valuable business and small business residents would attend.	7/28/2019 2:13 AM
12	Jobs Jobs Jobs Jobs Jobs	7/27/2019 4:15 PM
13	Who ever designed designed the on street parking downtown should lose their job. It is on the edge of dangerous.	7/27/2019 1:12 AM
14	I would like to see something fun for people of all ages like go karts, arcades and rock climbing and laser tag and bowling maybe life size board games like chess and Exedra and mini golf and a bar and dance club for adults I have this all in one building would be cool if something similar to this like in San Jose I think it is they combined all the stuff in one building and what's cool about this place has everything for everyone	7/26/2019 3:41 PM
15	Stop building more house, traffic going down laurel is loud all hours of the night. It used to be quiet and peaceful and now sounds like a racetrack. Disappointing that this town I have lived in for almost 20 years is loud when I open my back door. Don’t need more gas stations or storage units either	7/26/2019 3:13 PM
16	Please consider senior citizens inyour plans. How about a public pool?	7/26/2019 10:21 AM
17	Attract more businesses to Oakley and nearby cities. Tech, retail, real estate, good jobs...	7/26/2019 7:11 AM
18	Take a look at everything east of Main Street along East Cypress. Take a look at all the housing approved in that area. Now take a look at their commute path to Highway 4. It doesn't take a traffic engineer to see that this is a huge traffic problem right NOW, let alone in 20 years. There needs to be (at least) a 3rd route that does not require going through the downtown (one lane, really?) or speeding down Laurel while kids are headed to/from school.	7/26/2019 6:36 AM
19	I would like to see the downtown area be an enclave of specialty stores with plenty of parking that is not on Main Street. It is too difficult to back out of those diagonal spaces especially when school gets out.	7/26/2019 3:50 AM
20	We really need to stick to moving Oakley more toward becoming an upscale community, but at the same time we need basic services like a library, community pool, and safer streets, sidewalks, and pedestrian crossings, both on the main roads and in the neighborhoods. We need more long-range city planning, especially on Laurel Road and we definitely do not need more gas stations there or self-storage facilities anywhere in the city. We would prefer a nice grocery store in Emerson Ranch, and do not want the city to compromise and re-zone the commercial land in the event finding an anchor is difficult. Please be patient when long-term planning and think of the consequences of short-term actions. Thank you.	7/26/2019 2:56 AM
21	I have lived here over 30 years. I would like to see sidewalks to all schools and parks!! People especially children should not be on the roadways or berms to go to school; Or when they are going to the park. Area 2 and 6 are in need of infrastructure. Children need Sidewalks from there homes to get to school. Build the roads and if there isn’t money for that at least put the sidewalks in place. I couldn’t let my children walk to school because it wasn’t safe at the time. Public safety is a real problem! I have been approached every time I enter the grocery store! Creekside park has drug dealers and prostitution. Kids are getting robbed at the parks. I think our parks need better security.	7/26/2019 2:28 AM
22	I would just like to see more access to high quality grocery stores and more of a variety in healthy food. I’d also like to see our roads improved there are too many pot holes and possibly improve or update some of the shopping areas already in town.	7/26/2019 1:23 AM

23	I chose to live in Oakley because of its proximity to my workplace. Now that I am here, my neighborhood does feel secure and quiet mainly bec we are a “no outlet” street. I do observe and read the others’ posts on Nextdoor that some hoods do not feel as secure. If you can fo something to target safety in those hoods please. Also, if you can, build or design a technology ready building to attract offices, maybe even a startup. Mountain House is doing this already. And they are a new city. Oakley can be soo much more. I know we need money in the city coffers. So i sort of see why you keep adding storage places. Are there other businesses who apply to atart up in Oakley? May they be given a chance? Maybe a subsidy? I don’t know. Also, not sure how popular this will be.....will you allow or consider please the use of a tiny home on wheels as an ADU? Maybe we can adopt the same by-laws sa San Luis Obispo. They recently ok’d THOWs as permanent residences. This will mean an increase in residents, a bit of a bump in city funds too. Thank you for your time reading my comments.	7/26/2019 12:40 AM
24	Stop with the gas stations. Laurel does NOT need 3 within walking distance of each other. Stop with building houses. We need retail, medical facilities, better restaurants. I’m tired of having to go to Antioch or Brentwood to spend my money.	7/25/2019 11:22 AM
25	Please determine updates based on actual desire and needs of your residents and not by personal agendas, de-coupled and ill-suited vision	7/25/2019 8:50 AM
26	Make above market offers for those to be displaced by eminent domain	7/25/2019 8:16 AM
27	No more storage units or gas stations	7/25/2019 8:14 AM
28	No more gas stations/convenience stores or storage units!!! Please!!!	7/25/2019 7:58 AM
29	Area 6 needs improved roads and bike lanes. Summer Lake community is unable to drive or bike safely to Main Street / Oakley. More places of business need to be added on Cypress. Access to grocery stores/ restaurants/ etc	7/25/2019 6:32 AM
30	I'm sure Oakley will be a highly desirable place to live, work and shop 50 years from now when all the currently City leadership and residents are gone and there are leaders who are very forward-thinking.	7/25/2019 6:21 AM
31	We need LOCAL jobs so people don't NEED to commute out of the area! Commuting is not conducive to a "place for families" nor environment sustainability.	7/25/2019 1:28 AM
32	The entire "downtown" concept is a boondoggle, and it was ill-advised and poorly designed from the get-go. Forcing traffic down to one lane, with DIAGONAL parking is an accident waiting to happen; plus, emergency vehicles cannot get through. At commute hours, particularly in the evening, it back traffic all the way to Rose Ave. This is unacceptable. This should never have been done the way it was. It does NOT encourage pedestrian usage; it simply makes people detour around the area to avoid the traffic messes!	7/24/2019 1:02 PM
33	Would love to see more natural food cafes, shops selling nutritious foods, and parks. Wider variety of classes through recreation, such as adult dance classes - swing, ballroom, country.	7/24/2019 9:10 AM
34	Expand cross city lanes on Laurel and Main St. Build Amtrak train station at Main St.	7/24/2019 5:39 AM
35	The Oakley community is slowly growing a lot more diverse than it has been before. It is vital that people who work in public services such as Police and Parks & recreation keep this in mind. They will need to be trained accordingly regarding general cultural habits of a diverse population so that they are better equipped to help out and create far less tension during managing stressful issues. This way, Oakley can create an environment that is more inclusive and cohesive in how it adjust to a growing community.	7/24/2019 5:08 AM
36	Please NO more storage facilities, gas stations or 7-11’s Bring real stores or activities to our city.	7/24/2019 4:31 AM
37	My job hours have changed so I will be able to attend the General Plan Update workshops but I did sign up for the emails and I still haven't seen one come in yet.	7/24/2019 3:12 AM
38	stop harassing citizens for storing boats and RVs on their own property.	7/24/2019 2:46 AM
39	Can we please cut down on the building of homes, gas stations, convenience stores, and storage facilities and start to look at other options that will preserve our open land or add facilities that are family friendly.	7/24/2019 1:57 AM
40	Keep property owners rights and agriculture	7/24/2019 1:43 AM
41	No more growth. The council seems to forget what Oakley is about. We who have moved here and lived here our whole life did so for the small farm town feel.	7/24/2019 1:07 AM
42	We need local Jobs, careers, infrastructure (NOT MORE HOUSING)	7/24/2019 12:24 AM
43	No	7/24/2019 12:20 AM
44	Please know that the maintenance and appearance and safety of what we currently have in the city of Oakley is what draws good families who want to live and raise their children. Safety should be above all and will allow the homes prices to rise and individuals will want to help and participate in keeping their communities safe. Thank you for this survey it is a sign that you care about Oakley residents.	7/23/2019 11:15 PM
45	Everywhere I look, new homes are being crammed into the smallest parcels of land in Oakley. We will soon have the same high crime rate as in Antioch!	7/23/2019 10:03 PM
46	With this survey you do not address many issues in this town. It guided for only what you want or think the city needs. And not giving the citzens to choose their own priorities or importance. We dont need nore affordable homes or shitty restaurants. We dont want more homes, gas stations, storage units, or more people in this town. We have too much traffic that has contested housing developments where people speed and have no respect for others. Enough of allowing people to build just to build. Enough homes! We do not have proper fire services for our area-no a tax bond will not help!!!!	7/23/2019 9:08 PM
47	Don’t sale yourself out. Preserve our land. Limit the growth and open land. You will never get it back. Oakley is starting to out grow itself into just another city and then won’t mean a thing.	7/23/2019 5:18 PM
48	Lots of theft and stealing of mail ...people's cars at night time.. lots of crooks going through the neighborhood at night.. we're rated one of the safest cities but it needs to stay that way.	7/23/2019 12:36 PM

49	I don't want to see a major street behind Emerson Ranch into the proposed park.	7/23/2019 12:15 PM
50	Make Oakley great again. Everyine is moving out.	7/23/2019 12:07 PM
51	Thank you for giving us the opportunity to take the survey. I hope you at least read it and give it a thought.	7/23/2019 12:06 PM
52	Do not allow the Cline vineyard at the entrance to Oakley on Main Street to be turned into another ugly strip mall. Develop it instead into a winery/performing arts center.	7/23/2019 11:15 AM
53	A library would create a feeling of being an actual town. It attracts families, gives tweenagers a good place to be, attracts activities (readings, exhibits, shows), gives senior citizens a place to meet up, makes a town start to really feel like SOMEPLACE. Just check out Brentwoods beautiful new library. It's awesome. The city should push it through, nevermind waiting for the vote.	7/23/2019 10:19 AM
54	Fire & police protection are a major issue & we have been told by each dept that they will respond but by the time they arrive it will be too late.This is an unacceptable response	7/23/2019 9:49 AM
55	I'm concerned with our police force and schools being able to keep up with the massive amount of homes being built.	7/23/2019 9:03 AM
56	For those us that work away from our homes please provide more transparency on our cities progression.	7/23/2019 9:01 AM
57	Mailing the updated plan to those of us who can't make it or didn't know about it would be nice. Thank you for the garbage cans on the trail.	7/23/2019 8:58 AM
58	Thank you for your work on it.	7/23/2019 7:08 AM
59	Listen to the citizens.	7/23/2019 6:53 AM
60	Get rid of the guys driving around doing doughnuts in their cars.	7/23/2019 6:45 AM
61	I will be there 8/13/19	7/23/2019 5:45 AM
62	No	7/23/2019 5:27 AM
63	Keep Oakley beautiful and safe. Maintain its beauty or it'll become another city that has become generic and doesn't have any standout features.	7/23/2019 5:23 AM
64	The community needs more family attractions and things to do within Oakley to give back to our city and not to all surrounding cities	7/23/2019 5:11 AM
65	Calif SB 1069. Enforce it.	7/23/2019 5:02 AM
66	Stop allowing builders to take Oakley's land.. let's keep it that small farm community. Build grocery stores/schools near the new communities so they can have better access and not drive far. So that the current schools don't get overcrowded.	7/23/2019 4:58 AM
67	Please focus on up scaling oakley. Attract educated crowds with household incomes of 250000 or higher. Let's turn oakley into Danville by the water	7/23/2019 4:37 AM
68	Moved to Oakley in 1989 and thought we would retire here but that will not happen. Taxes and crime will be the end for us. Sad to say but once I retire in a few more years, we are leaving the area.	7/19/2019 1:58 PM
69	Knock it off with the stupid ass parking design	7/14/2019 3:42 AM
70	Stop building storage units do not make Oakley the intersection between Antioch and Brentwood! Create meaningful businesses and small town participation!	7/13/2019 8:25 AM
71	Thank you for this opportunity to contribute.	7/13/2019 7:27 AM
72	I'm sorry not to have participated. Just found out today. Thanks.	7/13/2019 6:12 AM
73	Please stop cramming in housing, building fast food joints, and storage... Build parks that make money, bring adult teams. Year round ice rink. Winery . Golf course as planned at Summer Lake. FUN.	7/12/2019 3:34 PM
74	Stop building houses without places for these people to work	7/12/2019 11:09 AM
75	What is going in at the north west side of cypress & sellers rd	7/12/2019 9:42 AM
76	Let's get a committee, more community input to be heard	7/12/2019 9:34 AM
77	No more storage facilities and hire more officers using K9s and special details to focus on the growing homeless population draining police and fire	7/12/2019 8:28 AM
78	Stop allowing builders to build these homes that are arm lengths apart and about 4 feet from my back fence. I moved to Oakley for the the small town feel and all these homes going up have taking away the farms and farmland that make Oakley the quaint little town that it is.	7/12/2019 7:01 AM
79	Thank you for allowing public input	7/12/2019 7:00 AM
80	STP BUILDING HOUSE!!!!!	7/12/2019 5:58 AM
81	Affordable and Nutritious Food AND Cultural and/or Language Barriers - Really !??! This isn't a third world country or back country area - waste of time issues to ask residents about.	7/12/2019 4:46 AM
82	Bring back the Almond Fest. Also, a disc golf course or two would be nice, as well as more bocce courts and softball fields.	7/12/2019 2:41 AM
83	Put the people first NOT $$$	7/12/2019 2:41 AM
84	Focus more on your people and less on your vision. Go where the people are, don't expect them to come to you. Have meetings for youth, get them involved, THEY ARE the future. And APPEECIATE the old timers, we feel forgotten.	7/12/2019 2:38 AM
85	Oakley has to understand that the community has a plethora of cultures colliding; everyone must have equal access to public transportation, public libraries, fire protection, police protection. As Oakley expands, be careful how much land you annex, it will run you, the city council, instead of the other way around.	7/12/2019 2:24 AM

86	Stop building so many houses!! Keep us rural.	7/12/2019 2:12 AM
87	Would love to see more restaurants, shopping, improvements made to the park at vintage parkway. There is a serious lack of up keep and ownership of this park. Also, traffic along Main Street, between cypress and vintage parkway can be very congested.	7/12/2019 2:10 AM
88	STOP LETTING DEVELOPERS CRAM OUR CITY WITH MORE HOUSES. ITS NOTHING BUT GREED.	7/12/2019 2:02 AM
89	Pull heads out of ass. Drive thru Oakley's Main Street? WTH. Drive east cypress dragstrip wth No movie theater, no bar and grills, endless traffic, Sorry Oakley after 20 years is a joke	7/12/2019 1:38 AM
90	Stop the nonsense going on and focus on a solution for fire services. Even if it means creating an additional station managed and run by Oakley.	7/12/2019 1:34 AM
91	Please add more shopping centers! I don't feel safe going to Lucky's and Raleys is overpriced for the lack of grocery they have. I usually have to travel to Brentwood to do most of my grocery shopping.	7/11/2019 2:55 PM
92	FINISH LAUREL TO SELLERS AS 4 LANES. The only two ways out of the Cypress corridor are Cypress and Delta Rd. CONVERT MAIN STREET TO FOUR LANES. The 2005 plan had a bypass or 4 lanes and we got neither.	7/11/2019 12:16 PM
93	Bring more jobs/shops, work with corporate companies for our residents to offer incentives for telecommutes	7/11/2019 11:25 AM
94	Require first home size to be more than 1400ft2 to accommodate a 3 bedroom format. Otherwise no more than 2 bedrooms under 1400 ft2. Require all high density senior housing to cap rent increases at 3% without a rent review committee exemption.	7/11/2019 9:39 AM
95	Please! We need another way to exit the east Vintage Parkway area. Consider our entryways into the city as more than a place for carwashes and storage buildings. This should be our first impressive impression as people enter the city. We need a library!	7/11/2019 8:13 AM
96	Please no more storage lots. and PLEASE improve our roads!	7/11/2019 7:50 AM
97	No more storage facilities. Stop destroying downtown to line your pocketbooks. Stop destroying farmland to build half-million-dollar homes for folks that will never work here and are afraid of horses shitting while riding past their pristine little cul-de-sacs. Oakley has always been a small farming community and does not deserve to be damaged as it already has by leaders hoping to make more money for themselves. How about we finish that shopping center on the north-west corner of O'hara and Laurel before we approve yet another storage facility or housing development if you all are so deadset on expanding commerce locally!	7/3/2019 10:03 AM
98	Bring back the Planning Commission and put a stop to the City Manager and his staff being in charge with no checks and balances from Council.	7/3/2019 8:38 AM
99	Map did not come up	7/3/2019 7:47 AM
100	Keep Oakley Clean and Safe. Stop building homes! Don't make the mistakes Antioch has done!	7/3/2019 6:49 AM
101	NO MORE STORAGE UNITS OR AM/PM or 7/11 type places and NO MORE NEW HOUSES	7/3/2019 6:25 AM
102	Summer sessions for input during the first week the kids are out of school for the summer was a poor choice. We don't have childcare during the summer. Please schedule more input meetings during school session.	7/3/2019 6:04 AM
103	Please preserve the vineyards and the open farmland.	7/3/2019 5:56 AM