AGENDA
ENGINEERING, OPERATIONS & WATER RESOURCES COMMITTEE MEETING
OF THE BOARD OF DIRECTORS
OF THE
INLAND EMPIRE UTILITIES AGENCY*

WEDNESDAY, APRIL 9, 2025
10:00 AM

AGENCY HEADQUARTERS
BOARD ROOM
6075 KIMBALL AVENUE, BUILDING A
CHINO, CALIFORNIA 91708

***A MUNICIPAL WATER DISTRICT**

VIEW THE MEETING LIVE ONLINE AT IEUA.ORG

TELEPHONE ACCESS: (415) 856-9169 / Conf Code: 295 888 825#

The public may participate and provide public comment during the meeting by dialing the number provided above. Comments may also be submitted by email to the Director of Board and Administrative Services Denise Garzaro at dgarzaro@ieua.org prior to the completion of the Public Comment section of the meeting. Comments will be distributed to the Committee Members.

CALL TO ORDER

PUBLIC COMMENT

Members of the public may address the Board on any item that is within the jurisdiction of the Board; however, no action may be taken on any item not appearing on the agenda unless the action is otherwise authorized by Subdivision (b) of Section 54954.2 of the Government Code. Those wishing to address the Board on any matter, whether or not it appears on the agenda, are requested to email the Recording Secretary prior to the scheduled meeting time or address the Board during the public comments section of the meeting. Comments will be limited to three minutes per speaker.

ADDITIONS TO THE AGENDA

In accordance with Section 54954.2 of the Government Code (Brown Act), additions to the agenda require two-thirds vote of the legislative body, or, if less than two-thirds of the members are present, a unanimous vote of those members present, that there is a need to take immediate action and that the need for action came to the attention of the local agency subsequent to the agenda being posted.

1. CONSENT ITEM

A. MINUTES

Approve the Minutes of the February 12, 2025 Engineering, Operations & Water Resources Committee meeting.

2. ACTION ITEMS

A. AWARD CONTRACT FOR DATA WAREHOUSE ROADMAP

Staff recommends that the Committee/Board:

1. Award a consultant contract to Trinnex, Inc. for the Data Warehouse Roadmap, Project No. PL24003, for a one-year period, with the option of two one-year extensions, for a total potential contract term of three years, for an aggregate not-to-exceed amount of $218,090; and
2. Authorize the General Manager to execute the contract, subject to non-substantive changes.

B. ADOPT RESOLUTION NO. 2025-4-10, APPROVING THE SEWER SYSTEM MANAGEMENT PLAN

Staff recommends that the Committee/Board adopt Resolution No. 2025-4-10, approving the Sewer System Management Plan.

3. INFORMATION ITEM

A. TEN-YEAR CAPITAL IMPROVEMENT PLAN FISCAL YEAR 2025/26 - FISCAL YEAR 2034/35 (WRITTEN/POWERPOINT)

4. RECEIVE AND FILE INFORMATION ITEM

A. RP-5 EXPANSION PROJECT UPDATE APRIL 2025 (POWERPOINT)

5. GENERAL MANAGER'S COMMENTS

6. COMMITTEE MEMBER COMMENTS

7. COMMITTEE MEMBER REQUESTED FUTURE AGENDA ITEMS

ADJOURN

Declaration of Posting

I, Denise Garzaro, CMC, Director of Board and Administrative Services of the Inland Empire Utilities Agency*, a Municipal Water District, hereby certify that, per Government Code Section 54954.2, a copy of this agenda has been posted at the Agency's main office, 6075 Kimball Avenue, Building A, Chino, CA and on the Agency's website at www.ieua.org at least seventy-two (72) hours prior to the meeting date and time above.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Recording Secretary at (909) 993-1736 or dgarzaro@ieua.org, 48 hours prior to the scheduled meeting so that IEUA can make reasonable arrangements to ensure accessibility.

MINUTES
ENGINEERING, OPERATIONS, AND WATER RESOURCES
COMMITTEE MEETING
INLAND EMPIRE UTILITIES AGENCY*
AGENCY HEADQUARTERS, CHINO, CA

WEDNESDAY, FEBRUARY 12, 2025
10:00 A.M.

COMMITTEE MEMBERS PRESENT
Michael Camacho, Chair
Marco Tule, Director

CALL TO ORDER
Committee Chair Camacho called the meeting to order at 10:03 a.m. There were no public comments received or additions to the agenda.

ADDITIONS TO THE AGENDA
Deputy General Manager Kevin Alexander stated that staff is requesting item 1B be pulled from consideration.

1A, 1C – 1E. ACTION ITEMS
The Committee:

- Approved the Minutes of the December 11, 2024, Engineering, Operations & Water Resources Committee meeting.

- Recommended that the Board:

    1. Award master services contracts for electrical testing and maintenance to Baker Electric & Renewables LLC, LEED Electric, Inc., Big Sky Electric Inc., and Power Systems Services Inc. for a five-year period, with the option of two, one-year extensions, for a total potential contract term of seven years, for an aggregate not-to-exceed amount of $750,000; and

    2. Authorize the General Manager to execute the master services contracts, subject to non-substantive changes;

- and

    1. Award master services contracts for the Turnkey Turf Transformation Program to Brightview Landscape Services Inc., Everthrive Landscape Company, Landscape West Management Services Inc., and Monarch Environmental Companies Inc., through June 30, 2027 with the option of two one-year extensions, for an aggregate not-to-exceed amount of $7,354,091; and

    2. Authorize the General Manager to execute the master services contracts, subject to non-substantive changes;

- and

    1. Approve a consultant contract amendment for additional construction management services to Arcadis U.S. Inc., for the RP-5 Expansion, Project Nos. EN19001 and EN19006, for the not-to-exceed amount of $8,850,877 increasing the contract from $21,125,523 to $29,976,340;

DRAFT

2. Approve an extension of the contract term from December 31, 2026, to December 31, 2027; and

3. Authorize the General Manager to execute the amendment, subject to non-substantive changes;

as Consent Calendar items on the February 19, 2025 Board Meeting agenda.

2. INFORMATION ITEM
The following information item was received and filed by the Committee.

- RP-5 Expansion Project Update February 2025

3. GENERAL MANAGER'S COMMENTS
Deputy General Manager Kevin Alexander outlined the preparations staff has taken for the impending storm event and noted that the Emergency Operations Center will be activated if necessary. He also emphasized the incident command approach, ensuring that safety as well as Operations & Maintenance teams are prepared for any potential storm-related events. He added that communication systems have been set up and the Agency's facilities are fully prepared to handle the event.

4. COMMITTEE MEMBER COMMENTS
The Committee members thanked staff for the presentations and expressed an interest in scheduling another tour of the RP-5 project.

5. COMMITTEE MEMBER REQUESTED FUTURE AGENDA ITEMS
There were no Committee member requested future agenda items.

ADJOURNMENT
Committee Chair Camacho adjourned the meeting at 10:40 a.m.

Respectfully submitted,

Denise Garzaro
Director of Board and Administrative Services

*A Municipal Water District

APPROVED: APRIL 9, 2025

DRAFT

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

2A

Date: April 9, 2025

To: The Honorable Board of Directors **From:** Shivaji Deshmukh, General Manager

Committee: Engineering, Operations & Water Resources

Staff Contact: Kevin Alexander, Deputy General Manager

Subject: Award Contract for Data Warehouse Roadmap

Executive Summary:

IEUA staff utilizes multiple data sources for reporting and analysis. However, data is often incomplete or inconsistently formatted and exists in various mediums, including scattered spreadsheets, which are easily modifiable and corrupted, as well as in independent database programs managed by different departments throughout IEUA. These issues have compounded, resulting in the need for constant manual data re-compilation and manipulation to produce analyses that would otherwise be readily accessible in a modern database system. Additionally, these isolated database silos require staff to regularly request data from different departments as opposed to having it readily available in a shared system. With these limitations and the increasing need for more advanced analytical capabilities, the Planning and Resources and Information Technology departments collaborated and identified the need for a data warehouse. A data warehouse platform consolidates data from multiple sources and reduces reliance on isolated databases to streamline reporting, analysis, and decision-making. Once implemented, this will allow for the prevention of potential data loss, integration of Microsoft Power Business Intelligence (BI) and Artificial Intelligence (AI) software, and enhanced cybersecurity. To initiate this effort, the Data Warehouse Roadmap project will develop a guiding document for future implementation of a data warehouse. The Database Warehouse Roadmap project will provide a timeline for implementation, a proposed framework for the transition, security requirements, and evaluation, and a pilot implementation strategy utilizing recycled water usage data from the Agency's recycled water database. Once completed, this blueprint will enable IEUA to pursue a larger-scale data warehouse platform transition in the future.

On September 5, 2024, a Request for Proposal (RFP) was posted on Planet Bids and a pre-bid meeting was held on September 30, 2024. On October 24, 2024, IEUA received 27 proposals. A review committee consisting of IEUA staff from the Planning and Resources and Information Technology Departments evaluated the proposals based on comprehensive evaluation criteria. The top three consultants were interviewed on January 29 and 30, 2025. Based on the expertise and the needs of the project. Trinnex, Inc. (a subsidiary of CDM Smith) was selected as the most qualified consultant. Staff recommends awarding a consultant contract for the Data Warehouse Roadmap, Project No. PL24003, for a one-year period, with the option of two-year extensions, for a total potential contract term of three years, for an aggregate not-to-exceed amount of $218,090.

Staff's Recommendation:

Staff recommends that the Committee/Board:

1. Award a consultant contract to Trinnex, Inc. for the Data Warehouse Roadmap, Project No.

PL24003, for a one-year period, with the option of two one-year extensions, for a total potential contract term of three years, for an aggregate not-to-exceed amount of $218,090; and

2. Authorize the General Manager to execute the contract, subject to non-substantive changes.

Budget Impact *Budgeted (Y/N):* Y *Amendment (Y/N):* N *Amount for Requested Approval*

Fiscal Impact (explain if not budgeted):

There will be no immediate budget impact. Funds have been budgeted to cover the contract amount.

Regional Sewerage *Technical Committee (Y/N):*

Policy Committee (Y/N):

Environmental Determination:

Not Applicable

Attachments:

Attachment 1 - PowerPoint
Attachment 2 - Contract



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Award Contract for Data Warehouse Roadmap

John Russ
Environmental Resources Planner I

April 2025

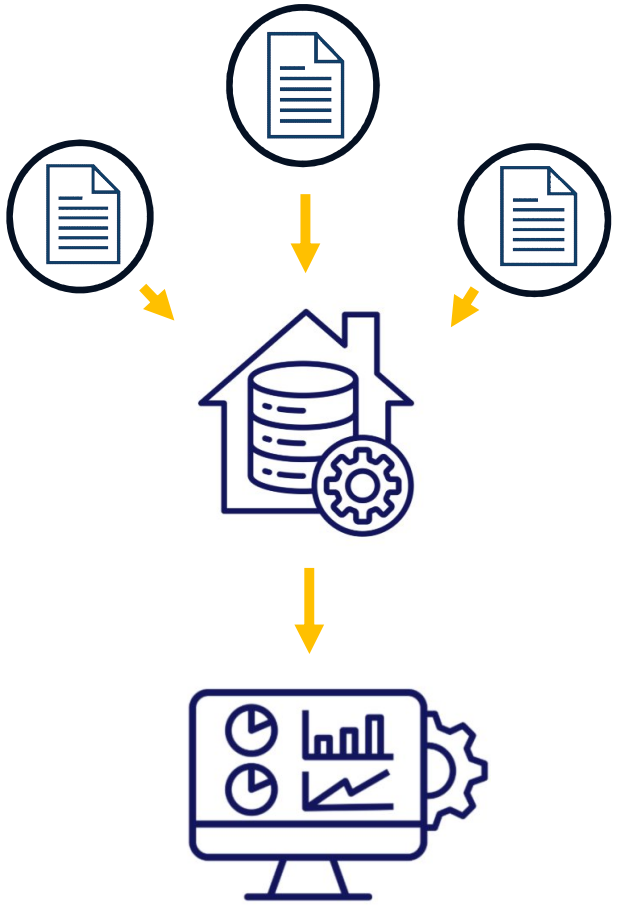
2 Effective Planning Requires Consistent, Complete, and Accessible Data

- Current Challenges:
  - Data is received from multiple sources with varying formats
  - Multiple departments handle data that is inconsistent or incomplete
  - Significant time spent on manual data compilation
  - Current databases are isolated and have limited capabilities
- These challenges have compounded over time and led Agency staff to seek a solution



3 A Data Warehouse Solution Provides an Agency-Wide Benefit

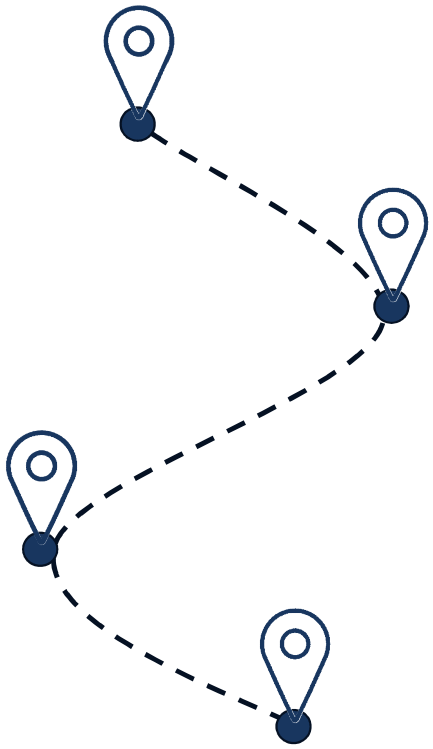
- Planning and Resources and Information Technology departments jointly decided on a data warehouse
- A data warehouse centralizes data for streamlined reporting, deeper analysis, and better decision-making
- Data Warehouse Benefits:
  - Integration of Power Business Intelligence (BI) analytics
  - Artificial Intelligence (AI) capabilities
  - Enhanced cybersecurity



4

A Data Warehouse Roadmap Will Guide Data Management, Storage, Security, and Accessibility

- Roadmap Project Objectives:
  - Develop a comprehensive agency-wide roadmap for data warehouse implementation
  - Implement a pilot using the Agency's recycled water usage database
- Scope of Work:
  - Plan outlining how data will be moved and integrated
  - Analysis of current data assets and protocols



5

Request for Proposals Garnered Significant Interest and Resulted in a Highly Competitive Process

- Twenty-seven proposals were received over 35-day solicitation
- Planning and Resources and Information Technology staff selected three proposers to move forward with interviews:
  - BJSS, Inc.
  - Hazen and Sawyer
  - Trinnex, Inc.
- Trinnex, Inc. (CDM Smith subsidiary) selected as best-qualified based on water and technical expertise

6 Staff's Recommendation

1. Award a consultant contract to Trinnex, Inc. for the Data Warehouse Roadmap, Project No. PL24003, for a one-year period, with the option of two one-year extensions, for a total potential contract term of three years, for an aggregate not-to-exceed amount of $218,090; and
2. Authorize the General Manager to execute the contract, subject to non-substantive changes.

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CONTRACT NUMBER: 4600003600

FOR

ROADMAP FOR AGENCY-WIDE DATA WAREHOUSE SYSTEM

THIS CONTRACT (the "Contract"), is made and entered into this _____ day of _____, 2025, by and between the Inland Empire Utilities Agency, a Municipal Water District, organized and existing in the County of San Bernardino under and by virtue of the laws of the State of California (hereinafter interchangeably referred to as “IEUA” and “Agency”) and Trinnex, Inc., with offices located in Manchester, New Hampshire, (hereinafter referred to as "Consultant"), for professional services in support of IEUA’s Roadmap for agency-wide data warehouse system.

NOW, THEREFORE, in consideration of the mutual promises and obligations set forth herein, the parties agree as follows:

1. PROJECT MANAGER ASSIGNMENT: All technical direction related to this Contract shall come from the designated Project Manager. Details of the Agency's assignment are listed below.

Project Manager:	John Russ
Address:	6075 Kimball Avenue Chino, California 91708
Telephone:	(909) 993-1834
Facsimile:	(909) 993-1982
Email:	jruss@ieua.org

2. CONSULTANT ASSIGNMENT: Special inquiries related to this Contract and the effects of this Contract shall be referred to the following:

Consultant:	Christina Russell
Address:	670 N. Commercial Street, Suite 208 Manchester, New Hampshire 03101
Telephone:	(860) 806-1715
Cell:	(618) 201-0494
Email:	christy.russell@trinnex.io

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3. ORDER OF PRECEDENCE: The documents referenced below represent the Contract Documents. Where any conflicts exist between the General Terms and Conditions, or addenda attached, then the governing order of precedence shall be as follows:

   A. Amendments to Contract Number 4600003600
   B. Contract Number 4600003600 General Terms and Conditions.
   C. Project Manager's Request for Proposal (**Exhibit A**)
   D. Consultant's Proposal dated October 31, 2025.

4. SCOPE OF WORK AND SERVICES: Consultant's services and responsibilities shall be in accordance with Project Manager's Request for Proposal, as outlined in **Exhibit A** which is referenced herein, attached hereto, and made a part hereof (hereinafter "Work") and Consultant's Proposal, dated October 31, 2025, attached hereto as **Exhibit B**.

   Familiarity with Scop of Work: By execution of this Agreement, Consultant warrants that:

   (1) It has thoroughly investigated and considered the scope of the Work under this Agreement to be performed, based on all available information; and

   (2) It carefully considered how the Work should be performed; and

   (3) It fully understands the difficulties and restrictions attending the performance of the Work under this Agreement; and

   (4) It has the professional and technical competency to perform the Work and the production capacity to complete the Work in a timely manner with respect to the Scope of Work.

5. TERM: The term of this Contract shall extend from the date of the Notice to Proceed and terminate on March 31, 2026 unless agreed to by both parties, reduced to writing, and amended to this Contract. Agency hereby reserves the right to exercise two (2) one-year options to extend Contract Term at Consultant's prevailing Schedule of Rates.

6. COMPENSATION & INVOICING:

   A. The Consultant may submit an invoice not more than once per month during the term of this Contract to the Agency's Accounts Payable Department. Agency shall pay Consultant's properly executed invoice, approved by the Project Manager, within thirty (30) days following receipt of the invoice.

   B. As compensation for the Work performed under this Contract, Agency shall pay Consultant's monthly invoice, for a total contract price NOT-TO-EXCEED **$218,090.00** for all services satisfactorily provided during the term of this Contract.

   C. Concurrent with the submittal of the original invoice to the Agency's Accounts Payable Department, the Consultant shall forward (mail, fax, or email) a copy of the

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invoice to the designated Project Manager, identified in Section 1, on Page 1 of this Contract.

D. No Additional Compensation: Nothing set forth in this Contract shall be interpreted to require payment by Agency to Consultant of any compensation specifically for the assignments and assurances required by the Contract, other than the payment of expenses as may be actually incurred by Consultant in complying with this Contract, as approved by the Project Manager.

E. Consultant shall invoice IEUA electronically for fees to IEUA's Accounts Payable Office at APGroup@ieua.org. Each invoice shall cite the Consultant's name, address, and remit to address, description of the work performed, the time period covered by the invoice, any related contract and/or purchase order numbers, and the amount of payment requested.

7. CONTROL OF THE WORK: The Consultant shall perform the Work in compliance with the Work Schedule. If performance of the Work falls behind schedule, the Consultant shall accelerate the performance of the Work to comply with the Work Schedule as directed by the Project Manager. If the nature of the Work is such that Consultant is unable to accelerate the Work, Consultant shall promptly notify the Project Manager of the delay, the causes of the delay, and submit a proposed revised Work Schedule.

8. FITNESS FOR DUTY:

A. Fitness: Consultant on the Jobsite:

1. shall report for work in a manner fit to do their job;

2. shall not be under the influence of or in possession of any alcoholic beverages or of any controlled substance (except a controlled substance as prescribed by a physician so long as the performance or safety of the Work is not affected thereby); and

3. shall not have been convicted of any serious criminal offense which, by its nature, may have a discernible adverse impact on the business or reputation of Agency.

4. Compliance: Consultant shall advise all Consultant and subcontractor personnel and associated third parties of the requirements of this Contract ("Fitness for Duty Requirements") before they enter on the Jobsite and shall immediately remove from the Jobsite any employee determined to be in violation of these requirements. Consultant shall impose these requirements on its Subcontractors. Agency may cancel the Contract if Consultant violates these Fitness for Duty Requirements.

9. INSURANCE: During the term of this Contract, the Consultant shall maintain at Consultant's sole expense, the following insurance.

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A. Minimum Scope of Insurance: Coverage shall be at least as broad as:

1. Commercial General Liability (CGL): Insurance Services Office (ISO) Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than $1,000,000 per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required claim limit.

2. Automobile Liability: ISO Form Number CA 00 01 covering any auto (Code 1), or if Consultant has no owned autos, covering hired, (Code 8) and non-owned autos (Code 9), with limit no less than $1,000,000 per accident for bodily injury and property damage.

3. Workers' Compensation and Employers Liability: Workers' compensation limits as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than $1,000,000 per accident for bodily injury or disease.

4. Professional Liability (Errors and Omissions): Insurance appropriate to the Consultant's profession, with limit no less than $1,000,000 per occurrence or claim, $2,000,000 aggregate.

B. Deductibles and Self-Insured Retention: Any deductibles or self-insured retention must be declared to and approved by the Agency. At the option of the Agency, either: the insurer shall reduce or eliminate such deductibles or self-insured retention as respects the Agency, its officers, officials, employees and volunteers; or the Consultant shall procure a bond guaranteeing payment of losses and related investigations, claims administration and defense expenses.

C. Other Insurance Provisions: The policies are to contain, or be endorsed to contain, the following provisions:

1. General Liability and Automobile Liability Coverage

a. Additional Insured Status: The Agency, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Consultant including materials, parts or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Consultant's insurance (at least as broad as ISO Form CG 20 10 11 85 or both CG 20 10, CG 20 26, CG 20 33, or CG 20 38; and CG 20 37 forms if later revisions used).

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b. Primary Coverage: The Consultant's insurance coverage shall be primary insurance coverage at least as broad as ISO CG 20 01 04 13 as respects the Agency, its officer, officials, employees and volunteers. Any insurance or self-insurance maintained by the Agency, its officers, officials, employees, volunteers, property owners or engineers under contract with the Agency shall be excess of the Consultant's insurance and shall not contribute with it.

c. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Agency, its officers, officials, employees or volunteers.

d. The Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

e. The Consultant may satisfy the limit requirements in a single policy or multiple policies. Any such additional policies written as excess insurance shall not provide any less coverage than that provided by the first or primary policy.

2. Workers' Compensation and Employers Liability Coverage

The insurer hereby grants to Agency a waiver of any right to subrogation which any insurer of said Consultant may acquire against the Agency by virtue of the payment of any loss under such insurance. Consultant agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the Agency has received a waiver of subrogation endorsement from the insurer.

3. All Coverages

Each insurance policy required by this contract shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the Agency.

D. Acceptability of Insurers: All insurance is to be placed with insurers with a current A.M. Best's rating of no less than A-:VII, and who are admitted insurers in the State of California.

E. Verification of Coverage: Consultant shall furnish the Agency with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the Agency before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Consultant’s obligation to provide them. The Agency reserves the right to require

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complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.

F. Submittal of Certificates: Contractor shall submit all required certificates and endorsements to the following:

Inland Empire Utilities Agency
Attn: Warren T. Green
P.O. Box 9020
Chino Hills, CA 91709
Or
insurance@ieua.org

10. LEGAL RELATIONS AND RESPONSIBILITIES

A. Professional Responsibility: The Consultant shall be responsible, to the level of competency presently maintained by other practicing professionals performing the same or similar type of work.

B. Status of Consultant: The Consultant is retained as an independent Consultant only, for the sole purpose of rendering the services described herein and is not an employee of the Agency.

C. Observing Laws and Ordinances: The Consultant shall keep itself fully informed of all existing and future state and federal laws and all county and city ordinances and regulations which in any manner affect the conduct of any services or tasks performed under this Contract, and of all such orders and decrees of bodies or tribunals having any jurisdiction or authority over the same. The Consultant shall at all times observe and comply with all such existing and future laws, ordinances, regulations, orders and decrees, and shall protect and indemnify, as required herein, the Agency, its officers, employees and agents against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order or decree, whether by the Consultant or its employees.

D. Subcontract Services: Any subcontracts for the performance of any services under this Contract shall be subject to the written approval of the Project Manager. For this project subcontractor list law shall apply.

E. Conflict of Interest: No official of the Agency who is authorized in such capacity and on behalf of the Agency to negotiate, make, accept or approve, or to take part in negotiating, making, accepting or approving this Contract, or any subcontract relating to services or tasks to be performed pursuant to this Contract, shall become directly or indirectly personally interested in this Contract.

Consultant understands and acknowledges that executing this Agreement may inhibit the Consultant from engaging in future contracts, jobs, or agreements with the Agency that is, or can be considered, related to the Scope of Work due to a potential conflict of interest.

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F. Equal Opportunity and Unlawful Discrimination: During the performance of this Contract, the Consultant shall not unlawfully discriminate against any employee or employment applicant because of race, color, religion, sex, age, marital status, ancestry, physical or mental disability, sexual orientation, veteran status or national origin. The Agency is committed to creating and maintaining an environment free from harassment and discrimination.

G. Non-Conforming Work and Warranty: Consultant represents and warrants that the Work and Documentation shall be adequate to serve the purposes described in the Contract. For a period of not less than one (1) year after acceptance of the completed Work, Consultant shall, at no additional cost to Agency, correct any and all errors in and shortcomings of the Work or Documentation, regardless of whether any such errors or shortcoming is brought to the attention of Consultant by Agency, or any other person or entity. Consultant shall within three (3) calendar days, correct any error or shortcoming that renders the Work or Documentation dysfunctional or unusable and shall correct other errors within thirty (30) calendar days after Consultant's receipt of notice of the error. Upon request of Agency, Consultant shall correct any such error deemed important by Agency in its sole discretion to Agency's continued use of the Work or Documentation within seven (7) calendar days after Consultant's receipt of notice of the error. If the Project Manager rejects all or any part of the Work or Documentation as unacceptable and agreement to correct such Work or Documentation cannot be reached without modification to the Contract, Consultant shall notify the Project Manager, in writing, detailing the dispute and reason for the Consultant's position. Any dispute that cannot be resolved between the Project Manager and Consultant shall be resolved in accordance with the provisions of this Contract. The Consultant’s liability with respect to any claims arising out of the Work and the Consultant shall bear no liability whatsoever for any consequential loss, injury or damage incurred by the Agency, including but not limited to, claims for loss of use, loss of profits and loss of markets.

H. Disputes:

1. All disputes arising out of or in relation to this Contract shall be determined in accordance with this section. The Consultant shall pursue the work to completion in accordance with the instruction of the Agency's Project Manager notwithstanding the existence of dispute. By entering into this Contract, both parties are obligated, and hereby agree, to submit all disputes arising under or relating to the Contract, which remain unresolved after the exhaustion of the procedures provided herein, to independent arbitration. Except as otherwise provided herein, arbitration shall be conducted under California Code of Civil Procedure Sections 1280, et. seq, or their successor.

2. Any and all disputes during the pendency of the work shall be subject to resolution by the Agency Project Manager and the Consultant shall comply, pursuant to the Agency Project Manager instructions. If the Consultant is not satisfied with any such resolution by the Agency Project Manager, they may file a written protest with the Agency Project Manager within seven (7)

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calendar days after receiving written notice of the Agency's decision. Failure by Consultant to file a written protest within seven (7) calendar days shall constitute waiver of protest, and acceptance of the Agency Project Manager's resolution. The Agency's Project Manager shall submit the Consultant's written protests to the General Manager, together with a copy of the Agency Project Manager's written decision, for his or her consideration within seven (7) calendar days after receipt of said protest(s). The General Manager shall make his or her determination with respect to each protest filed with the Agency Project Manager within ten (10) calendar days after receipt of said protest(s). If Consultant is not satisfied with any such resolution by the General Manager, they may file a written request for arbitration with the Project Manager within seven (7) calendar days after receiving written notice of the General Manager's decision.

3. In the event of arbitration, the parties hereto agree that there shall be a single neutral Arbitrator who shall be selected in the following manner:

   a. The Demand for Arbitration shall include a list of five names of persons acceptable to the Consultant to be appointed as Arbitrator. The Agency shall determine if any of the names submitted by Consultant are acceptable and, if so, such person shall be designated as Arbitrator.

   b. In the event that none of the names submitted by Consultant are acceptable to Agency, or if for any reason the Arbitrator selected in Step (a) is unable to serve, the Agency shall submit to Consultant a list of five names of persons acceptable to Agency for appointment as Arbitrator. The Consultant shall, in turn, have seven (7) calendar days in which to determine if one such person is acceptable.

   c. If after Steps (a) and (b), the parties are unable to mutually agree upon a neutral Arbitrator, the matter of selection of an Arbitrator shall be submitted to the San Bernardino County Superior Court pursuant to Code of Civil Procedure Section 1281.6, or its successor. The costs of arbitration, including but not limited to reasonable attorneys' fees, shall be recoverable by the party prevailing in the arbitration. If this arbitration is appealed to a court pursuant to the procedure under California Code of Civil Procedure Section 1294, et. seq., or their successor, the costs of arbitration shall also include court costs associated with such appeals, including but not limited to reasonable attorneys' fees which shall be recoverable by the prevailing party.

4. Joinder in Mediation/Arbitration: The Agency may join the Consultant in mediation or arbitration commenced by a subcontractor on the Project pursuant to Public Contracts Code Sections 20104 et seq. Such joinder shall be initiated by written notice from the Agency's representative to the Consultant.

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11. INDEMNIFICATION: Consultant shall indemnify the Agency, its directors, employees and assigns, and shall defend and hold them harmless from all liabilities, demands, actions, claims, losses and expenses, including reasonable attorneys' fees, which arise out of or are related to the negligence, recklessness or willful misconduct of the Consultant, its directors, employees, agents and assigns, in the performance of work under this Contract.

12. OWNERSHIP OF MATERIALS AND DOCUMENTS/CONFIDENTIALITY: The Agency retains ownership of any and all partial or complete reports, drawings, plans, notes, computations, lists, and/or other materials, documents, information, or data prepared by the Consultant and/or the Consultant's subcontractor(s) pertaining to this Contract. Any modifications or reuse of such materials for purposes other than those intended by the Contract shall be at the Agency's sole risk and without liability to Consultant. Said materials and documents are confidential and shall be available to the Agency from the moment of their preparation, and the Consultant shall deliver same to the Agency whenever requested to do so by the Project Manager and/or Agency. The Consultant agrees that same shall not be made available to any individual or organization, private or public, without the prior written consent of the Agency.

13. TITLE AND RISK OF LOSS:

A. Documentation: Title to the Documentation shall pass to Agency when prepared; however, a copy may be retained by Consultant for its records and internal use. Consultant shall retain such Documentation in a controlled access file, and shall not reveal, display or disclose the contents of the Documentation to others without the prior written authorization of Agency or for the performance of Work related to the Project.

B. Material: Title to all Material, field or research equipment, and laboratory models, procured or fabricated under the Contract shall pass to Agency when procured or fabricated, and such title shall be free and clear of any and all encumbrances. Consultant shall have risk of loss of any Material or Agency-owned equipment of which it has custody.

C. Disposition: Consultant shall dispose of items to which Agency has title as directed in writing by the Agreement Administrator and/or Agency.

14. PROPRIETARY RIGHTS:

A. Rights and Ownership: Agency's rights to inventions, discoveries, trade secrets, patents, copyrights, and other intellectual property, including the Information and Documentation, and revisions thereto (hereinafter collectively referred to as "Proprietary Rights"), used or developed by Consultant in the performance of the Work, shall be governed by the following provisions:

1. Proprietary Rights conceived, developed, or reduced to practice by Consultant in the performance of the Work shall be the property of Agency,

Docusign Envelope ID: CFACD6FD-9082-46EC-B874-73176F302F37

and Consultant shall cooperate with all appropriate requests to assign and transfer same to Agency.

2. If Proprietary Rights conceived, developed, or reduced to practice by Consultant prior to the performance of the Work are used in and become integral with the Work or Documentation, or are necessary for Agency to have complete enjoyment of the Work or Documentation, Consultant shall grant to Agency a non-exclusive, irrevocable, royalty-free license, as may be required by Agency for the complete enjoyment of the Work and Documentation, including the right to reproduce, correct, repair, replace, maintain, translate, publish, use, modify, copy or dispose of any or all of the Work and Documentation and grant sublicenses to others with respect to the Work and Documentation.

3. If the Work or Documentation includes the Proprietary Rights of others, Consultant shall procure, at no additional cost to Agency, all necessary licenses regarding such Proprietary Rights so as to allow Agency the complete enjoyment of the Work and Documentation, including the right to reproduce, correct, repair, replace, maintain, translate, publish, use, modify, copy or dispose of any or all of the Work and Documentation and grant sublicenses to others with respect to the Work and Documentation. All such licenses shall be in writing and shall be irrevocable and royalty-free to Agency.

15. INFRINGEMENT: Consultant represents and warrants that the Work and Documentation shall be free of any claim of trade secret, trade mark, trade name, copyright, or patent infringement or other violations of any Proprietary Rights of any person.
Consultant shall defend, indemnify and hold harmless, Agency, its officers, directors, agents, employees, successors, assigns, servants, and volunteers free and harmless from any and all liability, damages, losses, claims, demands, actions, causes of action, and costs including reasonable attorney's fees and expenses arising out of any claim that use of the Work or Documentation infringes upon any trade secret, trade mark, trade name, copyright, patent, or other Proprietary Rights.
Consultant shall, at its expense and at Agency's option, refund any amount paid by Agency under the Contract, or exert its best efforts to procure for Agency the right to use the Work and Documentation, to replace or modify the Work and Documentation as approved by Agency so as to obviate any such claim of infringement, or to put up a satisfactory bond to permit Agency's continued use of the Work and Documentation.

16. NOTICES: Any notice may be served upon either party by delivering it in person, or by depositing it in a United States Mail deposit box with the postage thereon fully prepaid, and addressed to the party at the address set forth below:

Agency: Warren T. Green
Manager of Contracts
Inland Empire Utilities Agency, a Municipal Water District
P.O. Box 9020
Chino Hills, California 91709

Docusign Envelope ID: CFACD6FD-9082-46EC-B874-73176F302F37

Consultant: Travis Wagner
Vice President
Trinnex, Inc.
670 N. Commercial Street, Suite 208
Manchester, New Hampshire 03101

Any notice given hereunder shall be deemed effective in the case of personal delivery, upon receipt thereof, or, in the case of mailing, at the moment of deposit in the course of transmission with the United States Postal Service.

17. SUCCESSORS AND ASSIGNS: All of the terms, conditions and provisions of this Contract shall inure to the benefit of and be binding upon the Agency, the Consultant, and their respective successors and assigns. Notwithstanding the foregoing, no assignment of the duties or benefits of the Consultant under this Contract may be assigned, transferred or otherwise disposed of without the prior written consent of the Agency; and any such purported or attempted assignment, transfer or disposal without the prior written consent of the Agency shall be null, void and of no legal effect whatsoever.

18. PUBLIC RECORDS POLICY: Information made available to the Agency may be subject to the California Public Records Act (Government Code Section 6250 et seq.) The Agency's use and disclosure of its records are governed by this Act. The Agency shall use its best efforts to notify Consultant of any requests for disclosure of any documents pertaining to this work.

In the event of litigation concerning disclosure of information Consultant considers exempt from disclosure, (e.g., "Confidential," "Proprietary" or "Trade Secret,") Agency shall act as a stakeholder only, holding the information until otherwise ordered by a court or other legal process. If Agency is required to defend an action arising out of a Public Records Act request for any of the information Consultant has marked "Confidential," "Proprietary" or "Trade Secret," Consultant shall defend and indemnify Agency from all liability, damages, costs, and expenses, including attorneys' fees, in any action or proceeding arising under the Public Records Act.

19. CERTIFICATION UNDER LABOR CODE SECTION 1861 BY CONSULTANT: I, the undersigned Consultant, am aware of the provisions of Section 3700 et seq. of the Labor Code which requires every employer to be insured against liability for Worker's Compensation or to undertake self-insurance in accordance with the provisions of the Code, and I, the undersigned Consultant, agree to and will comply with such provisions before commencing the performance of the work of this Agreement.

20. RIGHT TO AUDIT: The Agency reserves the right to review and/or audit all Consultant's records related to the Work. The option to review and/or audit may be exercised during the term of the Contract, upon termination, upon completion of the Contract, or at any time thereafter up to twelve (12) months after termination of the Contract. The Consultant shall make all records and related documentation available within three (3) working days after said records are requested by the Agency.

Docusign Envelope ID: CFACD6FD-9082-46EC-B874-73176F302F37

21. INTEGRATION: The Contract Documents represent the entire Contract of the Agency and the Consultant as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered by the Contract Documents. This Contract may not be modified, altered or amended except by written mutual agreement by the Agency and the Consultant.

22. GOVERNING LAW: This Contract is to be governed by and constructed in accordance with the laws of the State of California, County of San Bernardino.

23. TERMINATION FOR CONVENIENCE: The Agency reserves and has the right to immediately suspend, cancel or terminate this Contract at any time upon written notice to the Consultant. In the event of such termination, the Agency shall pay Consultant for all authorized and Consultant-invoiced services up to the date of such termination.

24. FORCE MAJEURE: Neither party shall hold the other responsible for the effects of acts occurring beyond their control; e.g., war, riots, strikes, natural disasters, etcetera.

25. NOTICE TO PROCEED: No services shall be performed or furnished under this Contract unless and until this document has been properly signed by all responsible parties and a Notice to Proceed order has been issued to the Consultant.

26. AUTHORITY TO EXECUTE CONTRACT: The Signatories, below, each represent, warrant, and covenant that they have the full authority and right to enter into this Contract on behalf of the separate entities shown below.

27. THIRD PARTIES: The services to be performed by Consultant are intended solely for the benefit of the Agency. No person or entity not a signatory to this Agreement shall be entitled to rely on Consultant's performance of its services hereunder, and no right to assert a claim against Consultant by assignment of indemnify rights or otherwise shall accrue to a third party as a result of this Agreement of the performance of Consultant's services hereunder.

28. DELIVERY OF DOCUMENTS: The Parties to this Contract and the individuals named to facilitate the realization of its intent, with the execution of the Contract, authorize the delivery of documents via facsimile, via email, and via portable document format (PDF) and covenant agreement to be bound by such electronic versions.

IN WITNESS WHEREOF, the parties hereto have caused the Contract to be entered as of the day and year written above.

INLAND EMPIRE UTILITIES AGENCY: ***A MUNICIPAL WATER DISTRICT***		**TRINNEX, INC.:**	
		Signed by: 41322349 1B9247E...	3/27/2025
Shivaji Deshmukh General Manager	(Date)	Travis Wagner Vice President	(Date)

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

2B

Date: April 9, 2025

To: The Honorable Board of Directors **From:** Shivaji Deshmukh, General Manager

Committee: Engineering, Operations & Water Resources

Staff Contact: Kevin Alexander, Deputy General Manager

Subject: Adopt Resolution No. 2025-4-10, Approving the Sewer System Management Plan

Executive Summary:

The State Water Resources Control Board's adopted Statewide General Waste Discharge Requirements for Sanitary Sewer Systems, Water Quality Order No. 2022-0103-DWQ on December 6, 2022. This General Order serves as statewide discharge requirements and supersedes the previous Order 2006-0003-DWQ and amendments thereafter.

The General Order regulates sanitary sewer systems designed to convey sewage. For the purposes of the Order, a sanitary sewer system includes but is not limited to, pipes, valves, pump stations, manholes, siphons, wet wells, diversion structures, and other pertinent infrastructure upstream of a wastewater treatment plant headworks. All sections and attachments of this General Order are enforceable by the State Water Board and the Regional Water Quality Control Board.

To comply with the terms of the General Order, owners of a sanitary sewer system greater than one mile in length must implement a Sewer System Management Plan (SSMP). The SSMP is intended to reduce the number, frequency, and severity of sanitary sewer spills, and the General Order requires that the SSMP be audited every three years and updated every six years.

The Board of Directors initially adopted and certified IEUA's first SSMP in 2009. Under the new Order, the audit was completed in November 2024, and the SSMP update is due by May 2, 2025. IEUA's staff, with support from a consultant, conducted the audit and the SSMP update.

Staff's Recommendation:

Staff recommends that the Committee/Board adopt Resolution No. 2025-4-10, approving the Sewer System Management Plan.

Budget Impact *Budgeted (Y/N):* N *Amendment (Y/N):* N *Amount for Requested Approval* 0

Regional Sewerage *Technical Committee (Y/N):* N

Policy Committee (Y/N): N

Prior Board Action:

On April 17, 2019, the Board approved the 2019 Sewer System Management Plan (SSMP) Revision.

Item No: 748

Environmental Determination:

Not Applicable

Attachments:

Attachment 1 - PowerPoint
Attachment 2 - Resolution No. 2025-4-10
Attachment 3 - Link to SSMP



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

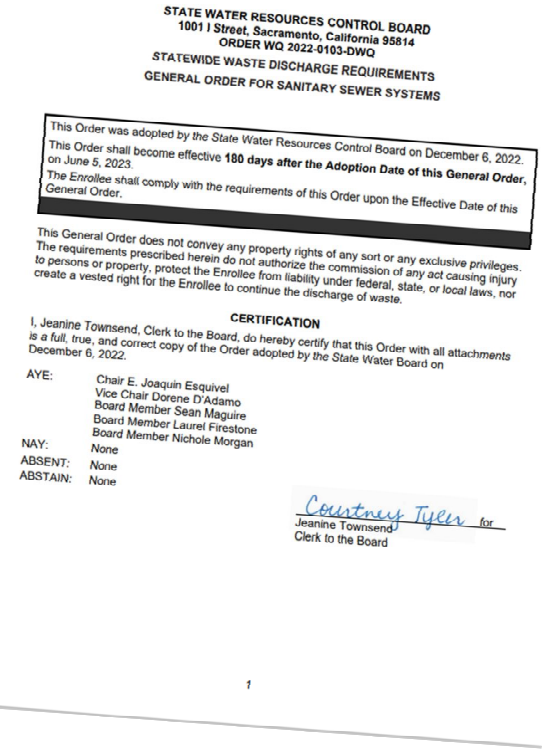
Adopt Resolution No. 2025-4-10, Approving the Sewer System Management Plan

Lucia Diaz, Manager of Facilities & Water System Programs

April 2025

2 Overview

- Sanitary Sewer Systems General Order Adopted December 6, 2022
  - Supersedes previous Order from 2006
- The Order Requires Enrollee to Develop a Sewer System Management Plan (SSMP) when:
  - Sanitary sewer system is greater than one mile in length
  - Sanitary sewer system conveys sewage to a wastewater treatment plant
- The Order Requires Enrollee to:
  - Conduct an SSMP internal audit at least once every three years; and
  - Update the SSMP every six years
- IEUA's SSMP update is due May 2, 2025



STATE WATER RESOURCES CONTROL BOARD
1001 I Street, Sacramento, California 95814
ORDER WQ 2022-0103-DWQ

STATEWIDE WASTE DISCHARGE REQUIREMENTS
GENERAL ORDER FOR SANITARY SEWER SYSTEMS

This Order was adopted by the State Water Resources Control Board on December 6, 2022.

This Order shall become effective **180 days after the Adoption Date of this General Order,** on June 5, 2023.

The Enrollee shall comply with the requirements of this Order upon the Effective Date of this General Order.

This General Order does not convey any property rights of any sort or any exclusive privileges. The requirements prescribed herein do not authorize the commission of any act causing injury to persons or property, protect the Enrollee from liability under federal, state, or local laws, nor create a vested right for the Enrollee to continue the discharge of waste.

CERTIFICATION

I, Jeanine Townsend, Clerk to the Board, do hereby certify that this Order with all attachments is a full, true, and correct copy of the Order adopted by the State Water Board on December 6, 2022.

AYE: Chair E. Joaquin Esquivel
Vice Chair Dorene D'Adamo
Board Member Sean Maguire
Board Member Laurel Firestone
Board Member Nichole Morgan
NAY: None
ABSENT: None
ABSTAIN: None

Courtney Tyler for
Jeanine Townsend
Clerk to the Board

1

3 Staff's Recommendation

- Adopt Resolution No. 2025-4-10, approving the Sewer System Management Plan.

RESOLUTION NO. 2025-4-10

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY*, SAN BERNARDINO COUNTY, CALIFORNIA, APPROVING THE SEWER SYSTEM MANAGEMENT PLAN (SSMP)

WHEREAS, the State Water Resources Control Board (SWRCB) adopted Order No. 2022-0103-DWQ, which established Statewide General Waste Discharge Requirements (WDR) for Sanitary Sewer Systems within the State of California; and

WHEREAS, this Order requires owners of wastewater collection systems with more than a mile of pipeline to have a Sewer System Management Plan (SSMP) in place, the SSMP must be revised every six years, the SSMP must be certified by an Agency Legally Responsible Official (LRO), and be approved by the Board of Directors of the Inland Empire Utilities Agency (Agency); and

WHEREAS, the responsible Agency Managers have reviewed the Agency's SSMP and it has been certified by the LRO, Lucia Diaz, Manager of Facilities & Water System Programs.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Inland Empire Utilities Agency that:

1. The update of the Sewer System Management Plan (SSMP) dated March 27, 2025 be approved; and

2. This resolution shall take effect from and after its date of adoption.

ADOPTED this 16th day of April 2025.

_____

Marco Tule
President of the Inland Empire Utilities Agency*
and of the Board of Directors thereof

ATTEST:

_____

Steven J. Elie
Secretary/Treasurer of the Inland Empire
Utilities Agency* and the Board of Directors thereof

STATE OF CALIFORNIA)
) SS
COUNTY OF SAN BERNARDINO)

I, Steven J. Elie, Secretary/Treasurer of the Inland Empire Utilities Agency*, DO HEREBY CERTIFY that the foregoing Resolution being No. 2025-4-10, was adopted at aregular Board Meeting on April 16, 2025, of said Agency by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

_____
Steven J. Elie
Secretary /Treasurer of the Inland Empire
Utilities Agency* and the
Board of Directors thereof

(SEAL)

**A Municipal Water District*

Link to Sewer System Management Plan (SSMP)

https://www.dropbox.com/scl/fi/risqm4982qvn6g2thmi4f/IEUA-2025-SSMP-Update-Final-3-27-25.pdf?rlkey=88716wzpf9nu7w632bc38irni&st=4ieoy5xl&dl=0

Date: April 9, 2025

To: The Honorable Board of Directors **From:** Shivaji Deshmukh, General Manager

Committee: Engineering, Operations & Water Resources

Staff Contact: Kevin Alexander, Deputy General Manager

Subject: Ten-Year Capital Improvement Plan Fiscal Year 2025/26 - Fiscal Year 2034/35 (Written/PowerPoint)

Executive Summary:

The Ten-Year Capital Improvement Plan (TYCIP) is a crucial planning tool for IEUA, outlining capital priorities and future projects. These documents prepare the Agency for regional needs and facilitate the utilization of various capital funding options, including loans and grants, along with potential impacts on rates. The TYCIP outlines projects agencywide, prioritizing safety, reliability, and compliance. Covering Fiscal Year (FY) 2026 through FY 2035, the TYCIP designates $1,687,365,252 in capital improvement projects, with 58% allocated to the Regional Wastewater Capital Improvement Program Fund.

Pursuant to Section 9A of the Regional Sewage Service Contract and Ordinance No.114, IEUA will submit a subset of the TYCIP, the Ten-Year Sewer Capital Forecast (TYSCF), to the Regional Technical Committee and Policy Committee (Committees) for recommendation. The TYSCF long-term financial planning document includes wastewater flow forecasts, a description of planned wastewater capital projects, plant capacities, and proposed capital project spending in the Regional Wastewater Programs; more specifically, the Regional Wastewater Capital Improvement (RC) and the Regional Wastewater Operations (RO) funds. Capital projects include the acquisition, improvement, construction, and expansion of the Regional System.

The Committees' review and recommendation authority applies to the Regional Wastewater Programs that affect future demands. The TYSCF will be presented to the Committees as an informational item in April/May 2025 and for recommendation in May/June 2025.

Budget Impact *Budgeted (Y/N):* N *Amendment (Y/N):* N *Amount for Requested Approval*

Account/Project Name: Comprehensive of all agency projects.

Fiscal Impact (explain if not budgeted):

Aligned with Fiscal Year 2025/26 proposed biennial budget.

Regional Sewerage *Technical Committee (Y/N):* Y *Technical Meeting Date:* 04/24/2025

Policy Committee (Y/N): Y *Policy Meeting Date:* 05/01/2025

Environmental Determination:

Not Applicable

Environmental Determination Text:

Each project listed within the TYCIP will have its own environmental impact Determination.

Attachments:

Attachment 1 - PowerPoint
Attachment 2 - FY2026-FY2035 TYCIP
Attachment 3 - FY2026-FY2035 TYSCF



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Ten-Year Capital Improvement Plan

Fiscal Year 2025/26 – Fiscal Year 2034/35

Kevin Alexander, P.E.
Deputy General Manager

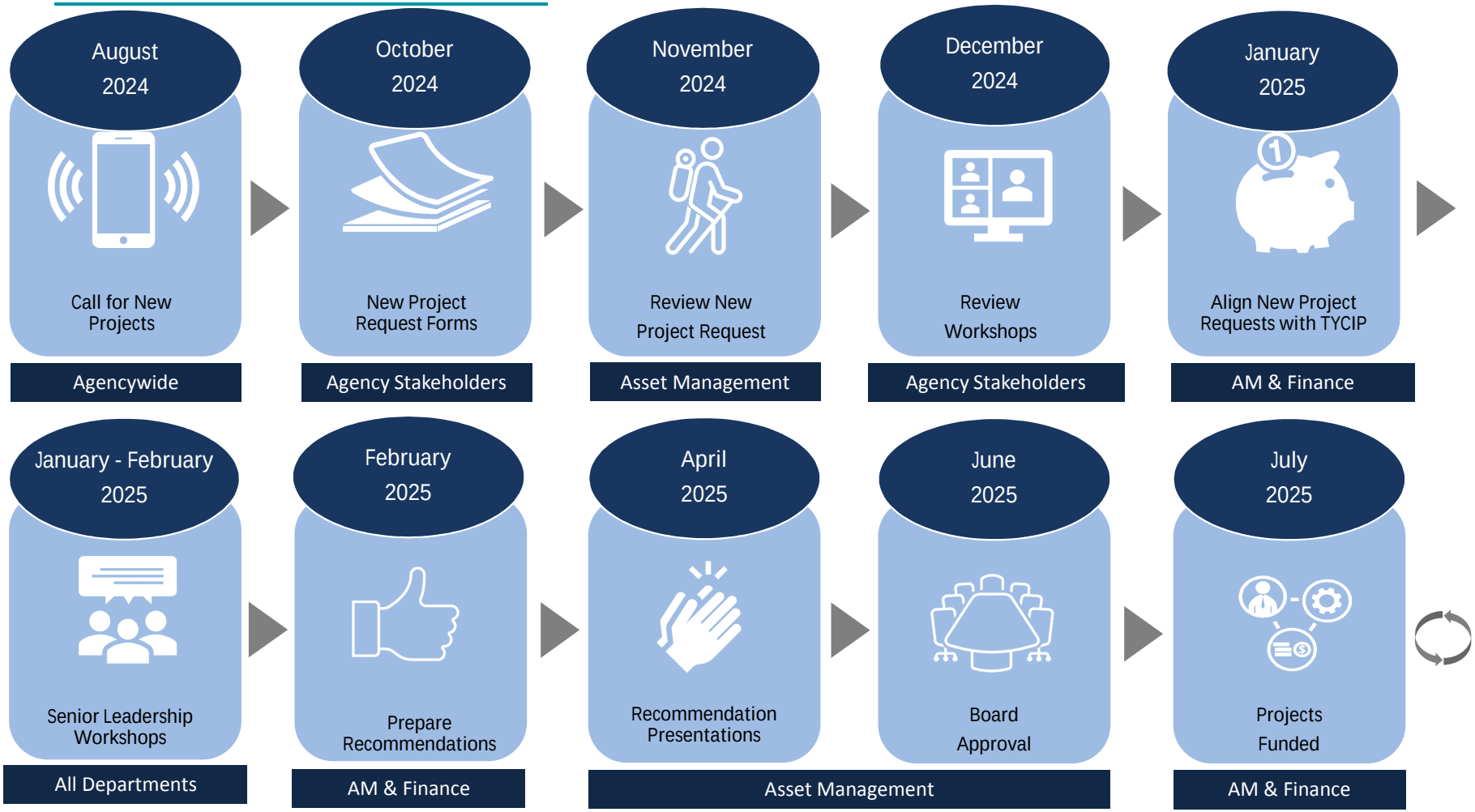
April 2025

2 Ten-Year Capital Improvement Plan (TYCIP)



- Biennial planning document
  - Adopted by IEUA Board June 2024
- Prepare for future needs and financing & funding options
  - Capital: 144 Projects and $1.69 Billion
  - Non-Capital: 96 Projects and $108.59 Million
- Includes all funds
  - Administrative Services
  - Non-Reclaimable Wastewater
  - Wastewater Capital Improvement
  - Wastewater Operations
  - Groundwater Recharge
  - Recycled Water
  - Water Resources

3 TYCIP Process



4 TYCIP – Strategic Planning

- Centralized planning and document management
  - TYCIP review workbook
  - New project request intake and database
- New Project Analysis
  - Cost Estimate
  - Risk Assessment
  - Stakeholder Review
    - Review Workshops and focused sessions
  - Project Management and Budget Review
    - Resource Management with Engineering and Finance
- Sponsorship
  - Stakeholders and Project Managers
  - Management
  - Senior Leadership



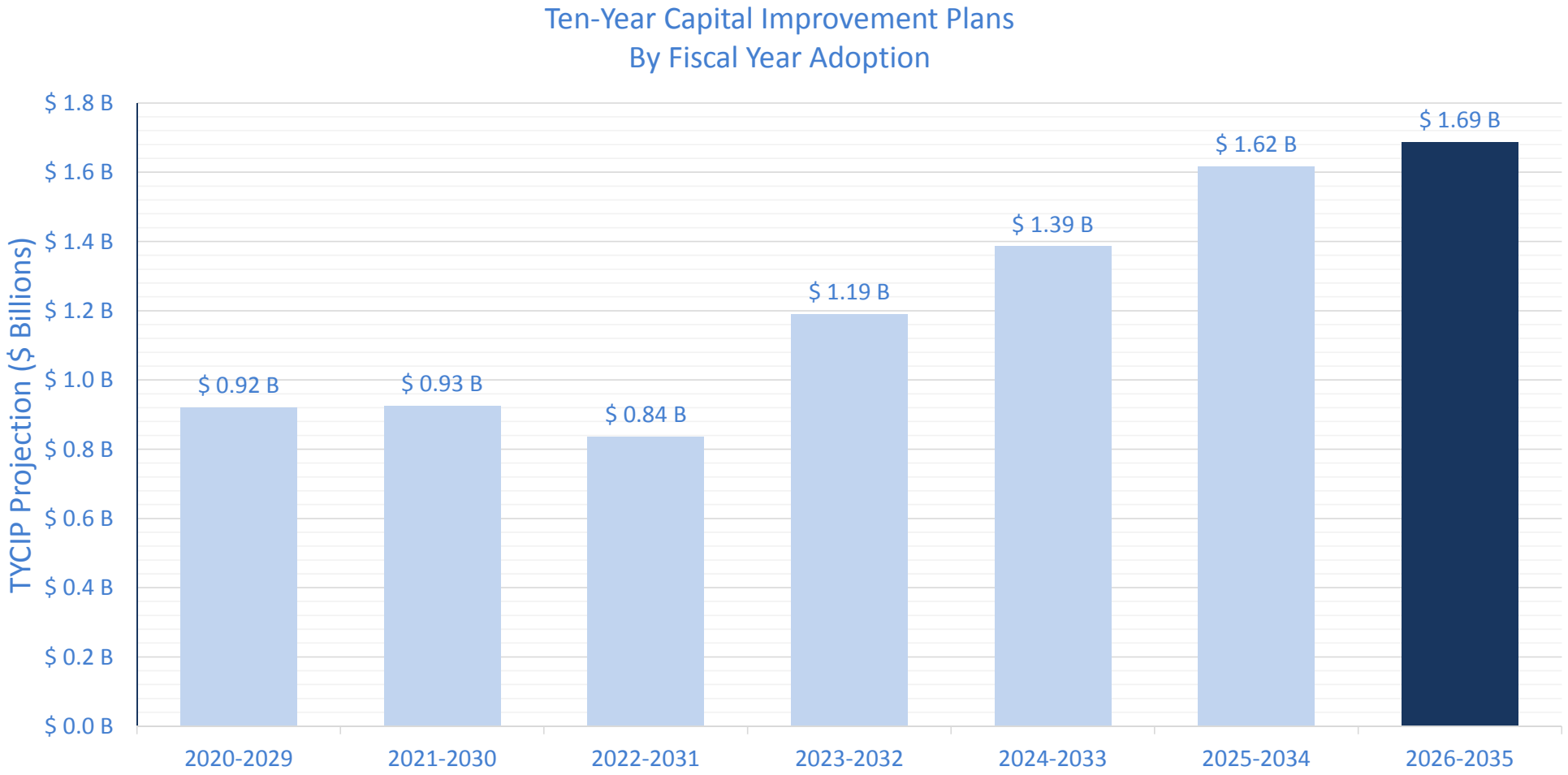
5 TYCIP – Risk Analysis

Risk: 25 to 20	R: 16 to 12	10 to 5	4 to 1
Year: Now – 4th	Yr: 5th – 10th	Yr: 10th – 25th	Yr: 25th or more

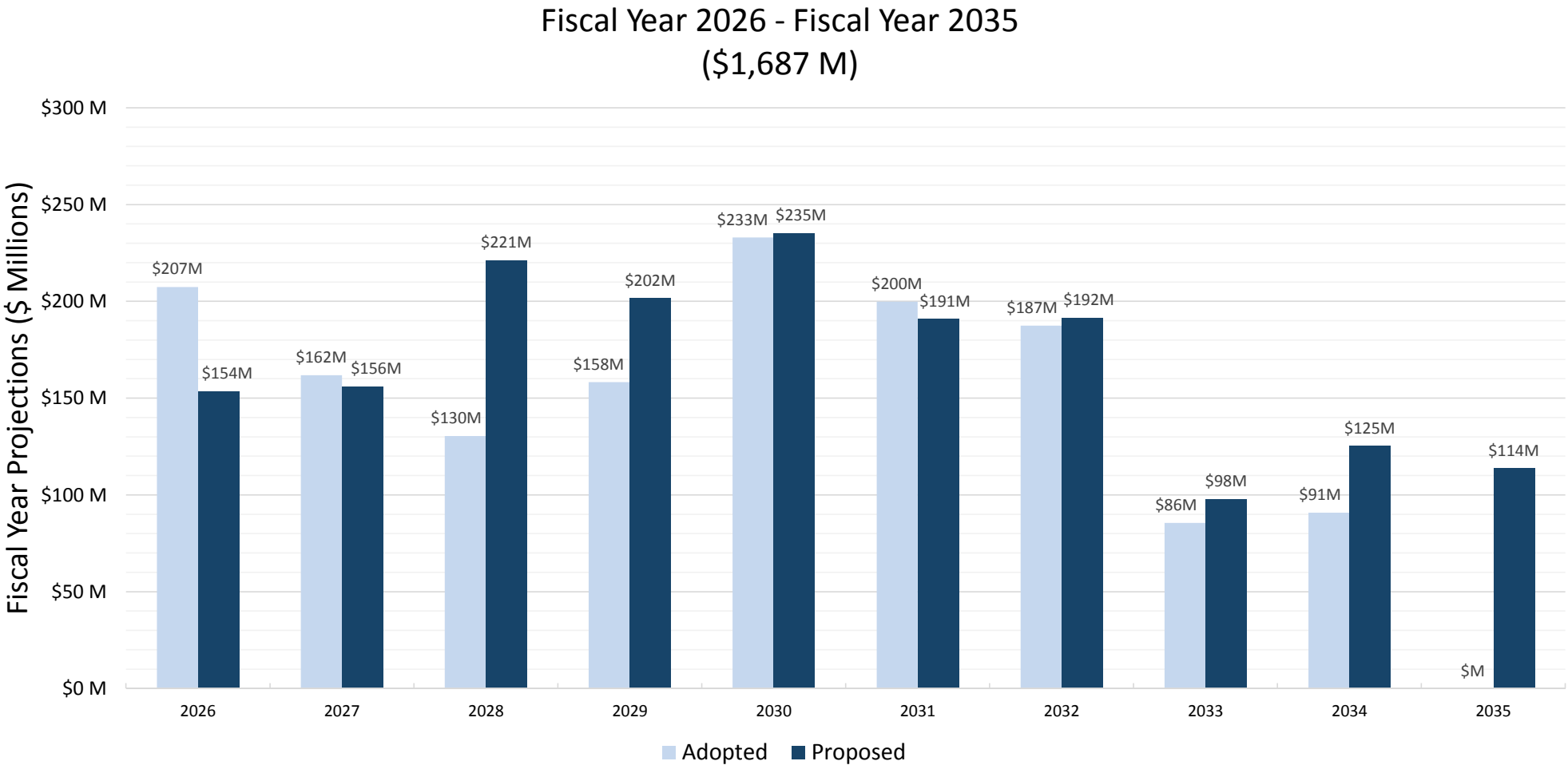
Higher — Risk Meter — Lower



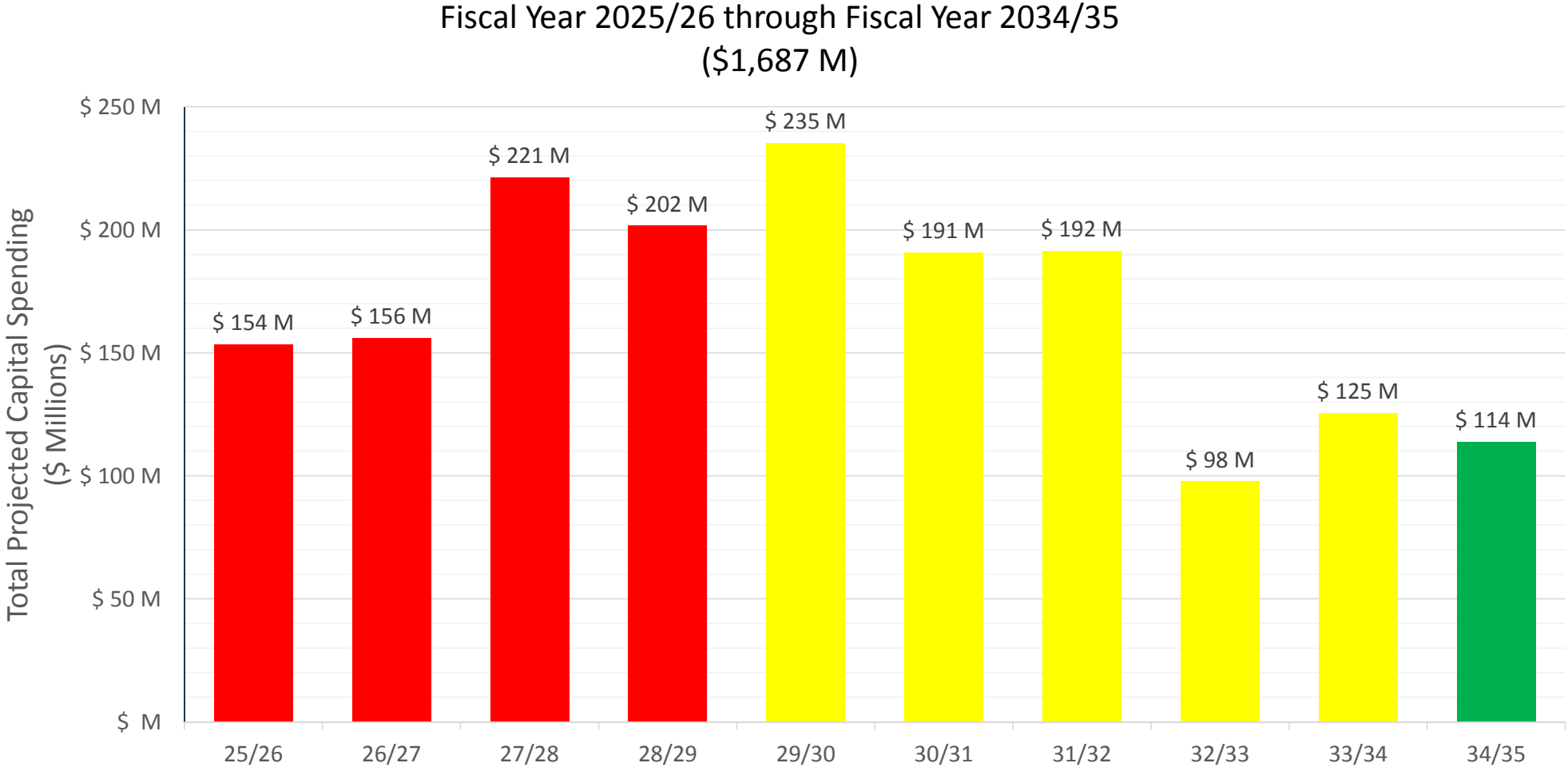
6 Historical Capital Improvement Trend



7 TYCIP – Applying Risk Assessment



8 TYCIP - Proposed



9 TYCIP - Adjustments by Fund

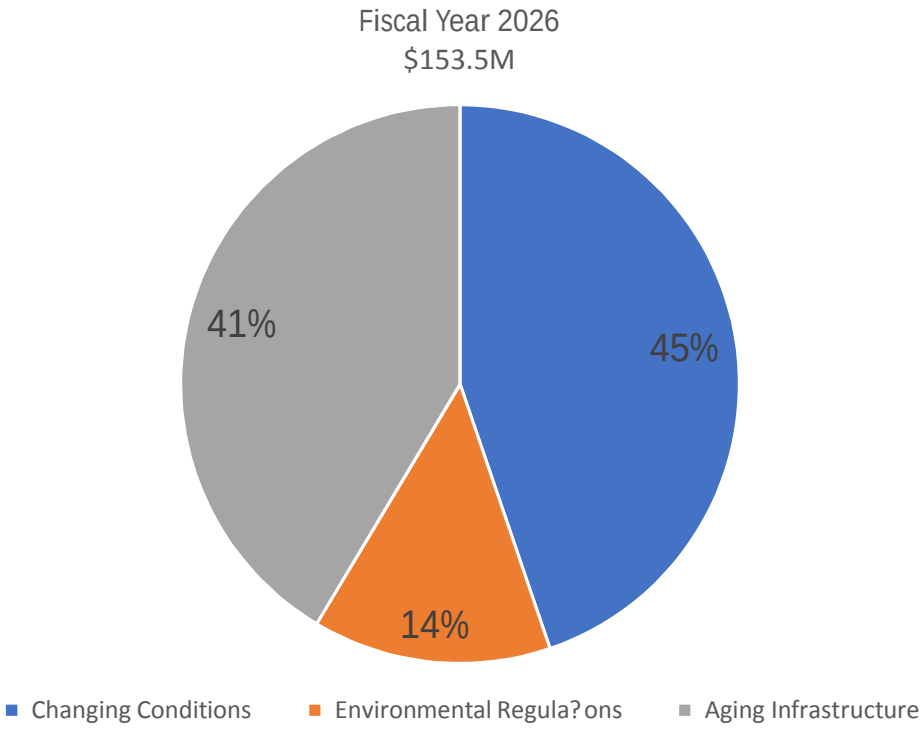
Fund	Forecasts, $M					
	FY2026			FY2027		
	Adopted	Change	Proposed	Adopted	Change	Proposed
Administrative Services	$9.1	$4.8	$13.9	$10.3	$2.1	$12.4
Groundwater Recharge	4.4	-0.8	3.6	0.6	2.5	3.1
Non-Reclaimable Wastewater	18.5	-17.5	1.0	10.1	-10.1	0
Recycled Water	20.6	-11.4	9.2	17.9	-4.1	13.8
Water Resources		4.1	4.1			
Wastewater Operations	34.8	-7.2	27.7	24.3	10.1	34.4
Wastewater Capital Improvement	120	-26.0	94.0	98.7	-6.2	92.5
Total	$207.5	- $53.9	$153.5	$161.9	-$5.7	$156.2

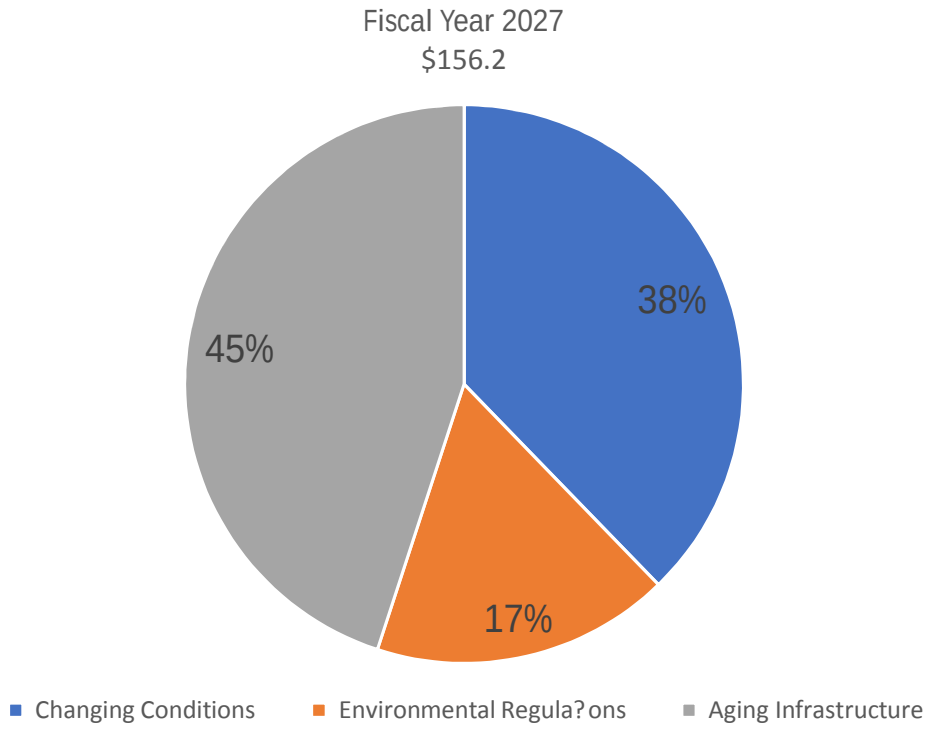
10 TYCIP - Major Projects*: Fiscal Year 2026 and Fiscal Year 2027

Fund	Project Title	Forecast, $M			
		TYCIP			Budget
		FY2026	FY2027	SubTotal	Total
Wastewater Capital Improvement	RP-5 Expansion to 30 MGD	$22.5	$13.0	**$35.5**	**$245.0**
Wastewater Capital Improvement	RP-5 Biosolids Facility	13.5	7.0	**20.5**	**242.3**
Wastewater Capital Improvement	RP-1 Thickening Building & Acid Phase Digesters	25.0	35.0	**60.0**	**240.0**
Wastewater Capital Improvement	RP-1 Solids Treatment Rehabilitation	3.0	4.0	**7.0**	**51.3**
Wastewater Capital Improvement	Compliance for Wastewater Facilities	13.7	17.0	**30.7**	**45.2**
Wastewater Operations	SCADA Enterprise System	5.0	3.6	**8.6**	**39.7**
Wastewater Capital Improvement	CCWRF Asset Management and Improvements	6.0	2.9	**8.9**	**34.6**
Recharge Program	Recharge Master Plan Update	3.0	2.5	**5.5**	**33.1**
Water Supply	Chino Basin Program Planning	4.1		**4.1**	**28.6**
Recycled Water	Compliance for Recycled Water Facilities	7.2	9.8	**17.0**	**23.0**
Administrative Services	ERP Implementation	9.0	8.0	**17.0**	**20.0**
Wastewater Operations	RP-4 Process Improvements Phase II	3.0	5.0	**8.0**	**18.8**
Wastewater Operations	RP-1 Primary Clarifier #1 Through #10 Rehab	2.0	3.0	**5.0**	**16.2**
Wastewater Capital Improvement	Montclair Force Main Improvements	3.0	4.0	**7.0**	**14.4**
Wastewater Capital Improvement	RP-1 Disinfection Pump Improvements	0.0		**0.0**	**14.0**
Wastewater Operations	RP-1 Secondary System Rehabilitation	1.0	3.0	**4.0**	**11.5**
Wastewater Operations	RP-1 Intermediate Pump Sta. Electrical	2.0	5.0	**7.0**	**11.1**

*Total Project Budget, individually, greater than $10 million (17 of 144 projects)

11 TYCIP - Project Drivers: Fiscal Year 2026 and Fiscal Year 2027

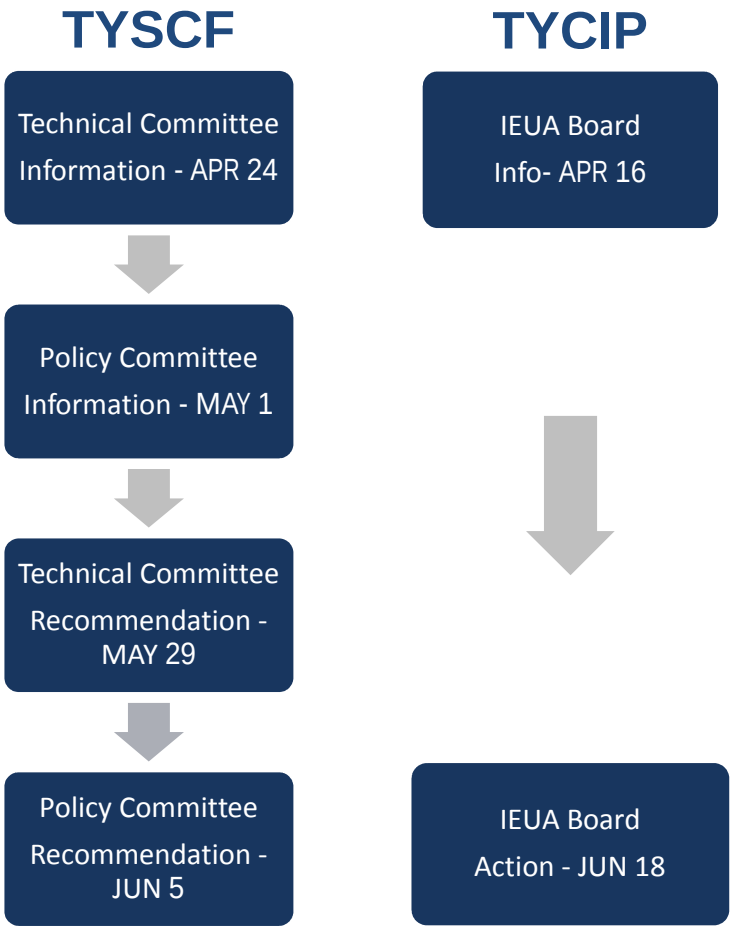




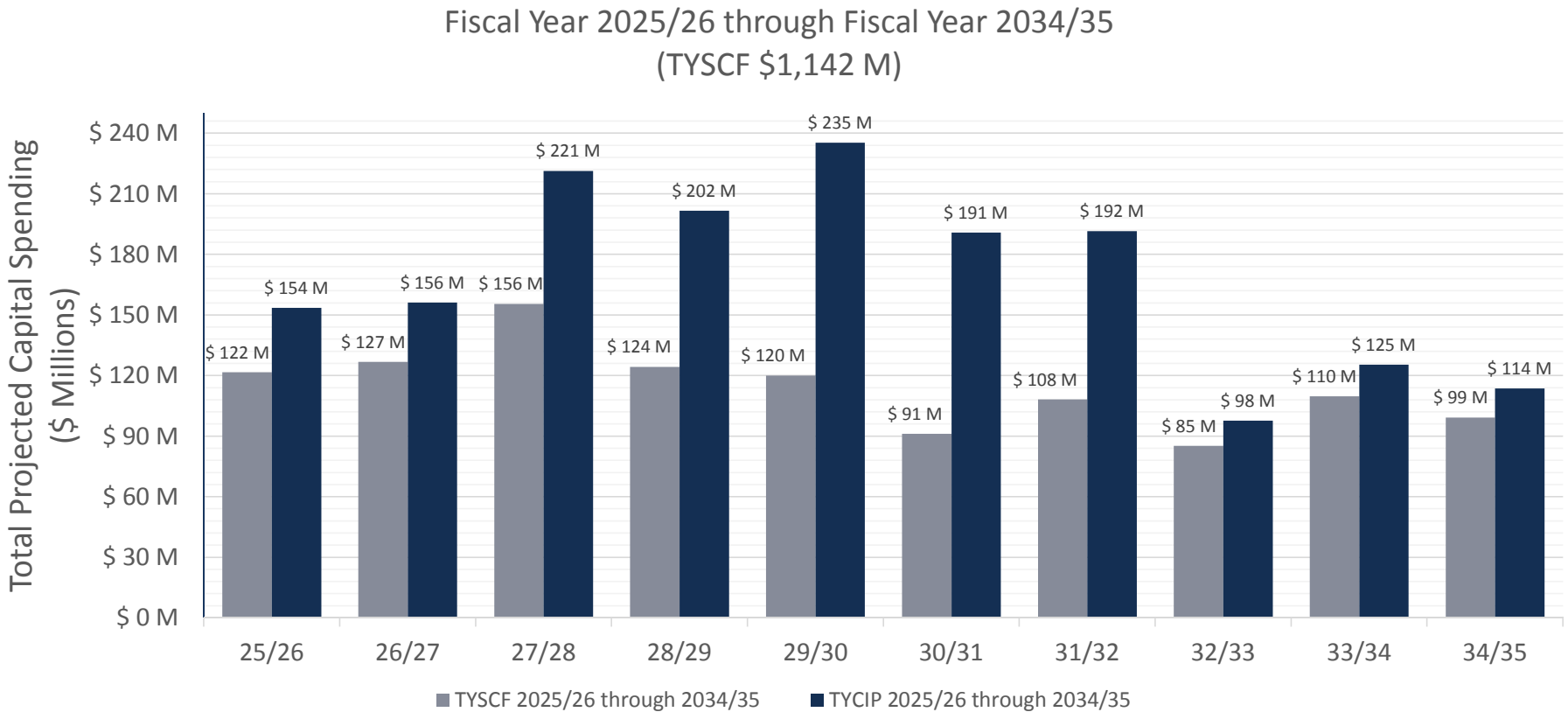
12 Ten-Year Sewer Capital Forecast

- Ensures compliance with Regional Sewage Service Contract and Ordinance No. 114
- Planning document that lists capital projects planned over the next 10 years
  - Subset of TYCIP
  - Wastewater Capital Improvement
  - Wastewater Operations
- Supplemental wastewater information
- Adopted June 2024

2025 Schedule



13 Ten-Year Sewer Capital Forecast vs Ten-Year Capital Improvement Plan



Questions?



@IEUAwater

ieua.org

IEUA's Ten-Year Capital Improvement Plan

2020



Inland Empire Utilities Agency

A MUNICIPAL WATER DISTRICT

TYCIP CAPITAL PROJECTS LIST - ALL FUNDING PROGRAMS

Project Number	Project Name	Project Scope	Project Drivers	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	FY 33/34	FY 34/35	Total TYCIP FY 2026-2035	Total Project Budget
Administrative Services Fund															
EN21020	Oracle P6 Migration	Upgrade existing Primavera version to improve collaboration and efficiency, ensuring a more robust project management environment.	Changing Conditions	$ 55,500	$ 37,000	$ 23,125	$ 23,125							$ 138,750	$ 610,000
EN23003	Central Plant Cooling Tower Replacement	Replace the deteriorated central cooling tower to support absorption chillers and maintain reliable HVAC operations.	Aging Infrastructure	$ 1,500,000	$ 1,000,000									$ 2,500,000	$ 3,010,000
EN23039	Lab Rooms Tempature Variation	Evaluate HVAC system, identify needed upgrades, and potentially lower lab room temperature from 72F to 68F consistently.	Changing Conditions	$ 50,000										$ 50,000	$ 240,000
EN24034	Agency Wide Roofing Phase IV at CCRWF	Assess, design, bid, and replace CCWRF roofs with a PVC system, offering a 20-year warranty.	Aging Infrastructure			$ 200,000	$ 1,000,000							$ 1,200,000	$ 1,300,000
EN25059	Security Upgrades	Upgrade cameras, alarms, panic buttons, entry access, and perimeter security for enhanced protection agency-wide.	Aging Infrastructure	$ 600,000	$ 600,000	$ 600,000	$ 600,000	$ 600,000						$ 3,000,000	$ 3,600,000
EN28009	Central Plant Replacement Chiller	Replace existing chillers and boilers with two 150-ton electric units, add pumps, valves, piping, and updated controls for improved sustainability.	Aging Infrastructure			$ 500,000	$ 500,000	$ 2,000,000	$ 1,000,000					$ 4,000,000	$ 4,000,000
EN28010	HQ Parking Lot Expansion and EV Charger Purchase	Install 96 EV charging ports, expand parking, and build new electrical infrastructure at multiple sites to support increased power demand.	Environmental Regulations			$ 350,000	$ 2,000,000	$ 2,150,000						$ 4,500,000	$ 4,500,000
FM26001	Agencywide Office Furniture Replacements	Replace office furniture agency-wide to modernize workspaces and enhance staff comfort.	Aging Infrastructure	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 600,000	$ 600,000
FM26005	Agencywide HVAC Equipment Replacements	Upgrade or replace failing HVAC equipment throughout the Agency for reliable climate control.	Aging Infrastructure	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 2,500,000	$ 2,500,000
FM28001	Electric Vehicle Purchase	Purchase electric vehicles to replace aging fleet, reducing emissions and operational costs.	Aging Infrastructure			$ 200,000	$ 200,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 1,900,000	$ 2,200,000
FM28006	Agencywide Vehicle Replacement	Replace aging fleet vehicles across the Agency to maintain reliability and safety.	Aging Infrastructure			$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 2,400,000	$ 2,400,000
IS24003	HRIS Replacement	Identify, implement, and train on a new HRIS, covering business requirements, subscription fees, and post-go-live support.	Aging Infrastructure	$ 550,000	$ 550,000									$ 1,100,000	$ 1,710,000
IS25004	ERP Implementation	Implement a new ERP system before SAP support ends in 2027, ensuring seamless business operations.	Aging Infrastructure	$ 9,000,000	$ 8,000,000	$ 3,000,000								$ 20,000,000	$ 20,010,000
IS26004	Data Security Software Purchase	Acquire a data security solution preventing breaches, enhancing compliance, and optimizing security resource allocation.	Environmental Regulations	$ 140,000										$ 140,000	$ 140,000
IS26005	Incident Command System Enhanced Logging Purchase	Add ICS log collection, expand storage, and improve analysis capabilities for enhanced incident command system monitoring.	Environmental Regulations	$ 50,000	$ 200,000									$ 250,000	$ 250,000
IS26009	Wide Area Microwave Radio Replacement	Replace wide area microwave radio equipment at major facilities, lift stations, and dechlor station for improved network reliability.	Aging Infrastructure	$ 600,000	$ 650,000	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 4,450,000	$ 4,450,000
IS26010	Vendor Security Risk Management System Purchase	Select and implement a vendor security risk management system, integrating with procurement for ongoing vendor oversight.	Environmental Regulations	$ 75,000										$ 75,000	$ 80,000
IS26012	Laboratory Data Management Systems Replacement	Acquire and deploy a modern LIMS, integrating with instruments, automating workflows, training staff, and improving data analysis.	Aging Infrastructure	$ 300,000										$ 300,000	$ 300,000
IS26015	Information Technology Infrastructure Asset Replacement	Replace aging servers, switches, and UPS units to maintain robust IT infrastructure and performance.	Aging Infrastructure	$ 360,000	$ 385,000	$ 375,000	$ 375,000	$ 400,000	$ 560,000	$ 600,000	$ 640,000	$ 700,000	$ 500,000	$ 4,895,000	$ 4,900,000
IS27001	Information Technology for Lab Equipment Upgrades and Replacement	Upgrade lab IT systems, integrate equipment, and train staff for enhanced lab efficiency and minimal operational disruption.	Aging Infrastructure		$ 300,000									$ 300,000	$ 300,000
IS28003	Information Technology Remote Support Tool Purchase	Purchase a secure remote support tool like BeyondTrust to strengthen security and reduce support resolution time.	Changing Conditions			$ 40,000								$ 40,000	$ 40,000
LB26001	Laboratory Equipment Purchase	Buy new laboratory instruments with service contracts, installation, and training, including ICPMS, organic lab equipment, and an ion chromatographer.	Aging Infrastructure	$ 345,000	$ 360,000	$ 360,000	$ 40,000	$ 45,000						$ 1,150,000	$ 1,150,000
	Total			**$ 13,935,500**	**$ 12,392,000**	**$ 6,658,125**	**$ 5,748,125**	**$ 6,455,000**	**$ 2,820,000**	**$ 1,860,000**	**$ 1,900,000**	**$ 1,960,000**	**$ 1,760,000**	**$ 55,488,750**	**$ 58,290,000**
Groundwater Recharge Fund															
EN22049	GWR-RW OIT Upgrades	Fund replacement of operator interface terminals at 17 GWR-RW sites, installing five new units annually for three years.	Aging Infrastructure	$ 50,000	$ 50,000									$ 100,000	$ 150,000
EN22050	GWR Basin PLC Upgrades	Replace aging PLCs at 17 recharge locations before manufacturer discontinuation to ensure reliable remote basin operation.	Aging Infrastructure	$ 500,000	$ 500,000									$ 1,000,000	$ 1,000,000
EN23113	RW/GWR Safety Work Improvements For Basi	Construct safe platforms with railings, toe boards, and lockable gates around actuators for improved worker safety.	Aging Infrastructure			$ 250,000	$ 1,000,000	$ 1,000,000						$ 2,250,000	$ 2,420,000
EN28011	College Heights Basin Well Sensor Installation	Design trenching, conduit, level transmitter, and SCADA integration under San Antonio Channel for College Heights Basin well monitoring.	Changing Conditions			$ 75,000								$ 75,000	$ 80,000
IS22005	RW / GWR SCADA Infrastructure Replacemen	Purchase two servers and switches to replace end-of-life SCADA infrastructure for RW/GWR systems.	Aging Infrastructure	$ 43,200	$ 46,656	$ 50,388	$ 54,420	$ 58,773	$ 63,475	$ 68,553	$ 74,037	$ 75,000	$ 75,000	$ 609,502	$ 680,000
RW15003	Recharge Master Plan Update	Develop preliminary design reports for selected first-phase projects in the Recharge Master Plan Update.	Aging Infrastructure	$ 3,000,000	$ 2,500,000									$ 5,500,000	$ 33,070,000
	Total			**$ 3,593,200**	**$ 3,096,656**	**$ 375,388**	**$ 1,054,420**	**$ 1,058,773**	**$ 63,475**	**$ 68,553**	**$ 74,037**	**$ 75,000**	**$ 75,000**	**$ 9,534,502**	**$ 37,400,000**
Non-Reclaimable Wastewater Fund															
EN22020	Philadelphia Lift Station Pump Upgrades	Replace Philadelphia Lift Station pumps with higher-efficiency, non-clog dry pit submersibles for easier servicing.	Aging Infrastructure				$ 2,500,000	$ 2,500,000	$ 4,200,000	$ 3,000,000				$ 12,200,000	$ 13,110,000
EN23002	Philadelphia Lift Station Force Main Improvements	Install force mains, manholes, and 500-foot cleanouts to increase Philadelphia Lift Station capacity.	Aging Infrastructure							$ 500,000	$ 7,000,000	$ 11,000,000	$ 10,250,000	$ 28,750,000	$ 30,900,000
EN25073	4th St/N System N. Trunk Pipe Repair BSS	Plan, design, bid, and construct repairs on 4th St/N trunk, requiring a bypass and restoring deteriorated VCP.	Aging Infrastructure	$ 240,000										$ 240,000	$ 370,000
EN25074	Non-Reclaimable Waste Critical Manhole Replacement	Replace about 90 NRW manhole covers and frames, with additional repairs as needed.	Aging Infrastructure	$ 792,000										$ 792,000	$ 790,000
EN26002	Vineyard Pipe Repair	Plan, design, bid, and construct Vineyard pipeline repairs to restore functionality and reduce sewer risk.	Aging Infrastructure			$ 230,000	$ 430,000							$ 660,000	$ 660,000
EN28003	Brine System Siphon Barrel Gate Improvements	Develop design documents, bid, and construct brine system siphon barrel improvements to ensure reliability.	Aging Infrastructure			$ 180,000	$ 330,000							$ 510,000	$ 510,000
EN28012	Brine Sewer System System Manhole Updates	Repair and update brine sewer manholes as identified by Engineering, creating sub-projects for necessary work.	Aging Infrastructure			$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 1,440,000	$ 1,800,000
EN28013	Recurring BSS Manhole Lining Project	Remove failing liners and use chemical grouting to preserve BSS manholes with infiltration, maintaining structural integrity.	Aging Infrastructure			$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 800,000	$ 1,000,000
EN30006	Non-Reclaimable Waste Collection System Pipe Rehabilitation	Identify, design, and bid NRW collection system CIPP lining projects to rehabilitate vulnerable pipeline sections.	Aging Infrastructure					$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 6,000,000	$ 8,000,000
	Total			**$ 1,032,000**	**$ -**	**$ 690,000**	**$ 3,540,000**	**$ 3,780,000**	**$ 5,480,000**	**$ 4,780,000**	**$ 8,280,000**	**$ 12,280,000**	**$ 11,530,000**	**$ 51,392,000**	**$ 57,140,000**

TYCIP CAPITAL PROJECTS LIST - ALL FUNDING PROGRAMS

Project Number	Project Name	Project Scope	Project Drivers	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	FY 33/34	FY 34/35	Total TYCIP FY 2026-2035	Total Project Budget
Recycled Water Fund															
EN21041	RP-4 Chlorine Contact Basin Cover Repair	Replace concrete covers on RP-4 chlorine contact basins for safer access and maintain covered chlorinated treatment.	Aging Infrastructure			$ 1,000,000	$ 2,000,000	$ 2,000,000						$ 5,000,000	$ 5,790,000
EN23119	RW SCADA Migration	Migrate Recycled Water SCADA to PlantPAx 5.0, upgrading hardware for improved control and performance.	Aging Infrastructure	$ 1,000,000	$ 950,000	$ 2,550,000	$ 500,000							$ 5,000,000	$ 6,030,000
EN23123	RP-4 Outfall Valve Replacement and Blow Off Upgrades	Install four new 42-inch outfall isolation valves, remove broken valve, and upgrade 19 blowoffs to above-grade wharf hydrants.	Aging Infrastructure	$ 350,000										$ 350,000	$ 3,770,000
EN24005	1630 West Reservoir Paint/Coating Repairs and Upgrades	Conduct minor interior/exterior coating repairs at 1630 West Reservoir using power-tool cleaning, addressing corrosion and defects.	Aging Infrastructure			$ 50,000	$ 500,000	$ 1,000,000	$ 250,000					$ 1,800,000	$ 1,800,000
EN24006	930 Reservoir Paint/Coating Repairs and Upgrades	Perform minor coating and painting repairs at 930 Reservoir, correcting delamination, corrosion, and other surface defects.	Aging Infrastructure						$ 50,000	$ 500,000	$ 1,250,000	$ 250,000		$ 2,050,000	$ 2,050,000
EN24007	1299 RW Pump Station Rehab	Rehab the 1299 RW pump station with new butterfly valves, motors, impellers, and VFDs, replacing isolation valves first.	Aging Infrastructure	$ 500,000	$ 1,950,000	$ 3,550,000	$ 1,400,000							$ 7,400,000	$ 8,800,000
EN25022	Development and Early Design - Compliance for Recycled Water Facilities	Complete 60% design for supplemental RW supply, pilot aquifer well, initial replenishment facilities, purified water conveyance, and business case evaluations for compliance.	Environmental Regulations	$ 7,215,000	$ 9,785,000									$ 17,000,000	$ 23,000,000
EN26001	Agency Wide VFD Upgrades RW FY25/26	Replace VFDs at southern recycled water facilities older than 15 years, coordinating agency-wide for consistent upgrades.	Aging Infrastructure	$ 50,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 9,050,000	$ 9,050,000
EN28004	Advanced Purified Water Conveyance	Design and construct about 10 miles of 12–16-inch pipelines from the AWPF to injection wells or recharge basins.	Environmental Regulations			$ 500,000	$ 3,500,000	$ 20,000,000	$ 30,000,000	$ 19,000,000				$ 73,000,000	$ 73,000,000
EN28014	Etiwanda Interceptor Grade-Break Recycled Water Protection/Relocation	Remove the 36-inch line and install 4,800 feet of 42-inch recycled water pipeline, ensuring reliable grade-break protection.	Aging Infrastructure			$ 200,000								$ 200,000	$ 200,000
EN28017	El Prado Road Recycled Water Reconnection	Reactivate the 10-inch RW line along El Prado Rd. after RP-5 expansion becomes operational.	Changing Conditions			$ 100,000								$ 100,000	$ 100,000
EP26002	Ground Water Recharge/Recycled Water Valve Actuator Replacement	Replace critical GWR/RW motor-operated valve actuators for 4–20mA control; run-to-fail for noncritical actuators.	Aging Infrastructure	$ 75,000	$ 75,000	$ 75,000	$ 75,000							$ 300,000	$ 300,000
IS26001	RW SCADA Infrastructure Replacement	Purchase two servers and switches to replace aging RW SCADA infrastructure.	Aging Infrastructure	$ 42,000	$ 42,000	$ 42,000	$ 42,000	$ 42,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 460,000	$ 460,000
WR23001	Replenishing Facilities	Build approximately 8 miles of purified water pipelines, 16 injection wells, and 4 monitoring wells connected to the AWPF at RP-4.	Changing Conditions			$ 25,000,000	$ 38,000,000	$ 50,000,000	$ 35,000,000	$ 30,000,000				$ 178,000,000	$ 188,000,000
WR23002	RW Interconnection to the City of Rialto	Construct 11 miles of 24-inch pipeline, a pump station at Rialto's plant, and tie into IEUA's recycled system in the 1158 zone.	Changing Conditions			$ 24,000,000	$ 20,000,000	$ 30,000,000	$ 25,000,000	$ 26,000,000				$ 125,000,000	$ 125,860,000
	Total			**$ 9,232,000**	**$ 13,802,000**	**$ 58,067,000**	**$ 67,017,000**	**$ 104,042,000**	**$ 91,350,000**	**$ 76,550,000**	**$ 2,300,000**	**$ 1,300,000**	**$ 1,050,000**	**$ 424,710,000**	**$ 448,210,000**
Water Resources Fund															
PL19005	Chino Basin Program	Prepare a preliminary design report and a programmatic environmental impact report to initiate the Chino Basin Program's implementation.	Changing Conditions	$ 4,100,000										$ 4,100,000	$ 28,610,000
	Total			**$ 4,100,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 4,100,000**	**$ 28,610,000**
Regional Wastewater Operations and Maintenance Fund															
EN13016	SCADA Enterprise System	Design, install, and program a new SCADA system across five wastewater facilities, overhauling control panels, operator interfaces, and data management for improved network integration and reliability.	Aging Infrastructure	$ 5,000,000	$ 3,600,000									$ 8,600,000	$ 39,700,000
EN18025	RP-1 Secondary System Rehabilitation	Rehabilitate secondary clarifiers' concrete surfaces, recoat metal parts, replace aboveground PVC sprayer piping, and add UV protection for extended service life.	Aging Infrastructure	$ 1,000,000	$ 3,000,000	$ 5,000,000	$ 2,000,000							$ 11,000,000	$ 11,500,000
EN19009	RP-1 Energy Recovery	Engage consultant to analyze digester gas use, exploring injection, cogeneration, or microgrid solutions, including financial viability, regulatory compliance, and subsequent design-build implementation.	Changing Conditions	$ 750,000	$ 1,500,000									$ 2,250,000	$ 4,330,000
EN20057	RP-4 Process Improvements Phase II	Reconfigure influent pump station, replace deteriorated gates, upgrade blowers, and make electrical/control improvements to enhance reliability.	Aging Infrastructure	$ 3,000,000	$ 5,000,000	$ 5,000,000	$ 1,000,000							$ 14,000,000	$ 18,770,000
EN21053	RP-1 Filter Effluent Structure #2 Rehabilitation	Rehabilitate structure and valves, addressing severely corroded gates and stems for improved performance and reliability.	Aging Infrastructure	$ 700,000	$ 1,000,000	$ 1,000,000								$ 2,700,000	$ 3,570,000
EN21056	RP-1 Evaporative Cooling for Aeration Blower Building	Install evaporative or AC cooling to prevent blower building equipment failures due to overheating.	Aging Infrastructure	$ 750,000										$ 750,000	$ 2,750,000
EN22027	RP-1 Repurpose Lab	Redesign and construct to relocate source control from headquarters, freeing space and adding new operations offices.	Changing Conditions	$ 1,250,000										$ 1,250,000	$ 5,390,000
EN22031	RP-1 Intermediate Pump Station Electrical Improvements	Replace MCC 6M/8M with Allen Bradley IntelCenter, install 18-pulse VFDs, and improve electrical reliability at the intermediate pump station.	Aging Infrastructure	$ 2,000,000	$ 5,000,000	$ 2,800,000								$ 9,800,000	$ 11,120,000
EN23000	RP1 Device Net Replacement	Evaluate MCCs with E3 overloads, replace or upgrade to E300 with Ethernet/IP or Modbus TCP/IP, and transition DeviceNet hardware for enhanced connectivity.	Aging Infrastructure	$ 1,000,000	$ 250,000									$ 1,250,000	$ 3,180,000
EN23004	CCWRF Aeration Basins 1-6 Drain Valves	Replace six-inch drain valves to prevent backflow in aeration basins 1–6, ensuring reliable drainage.	Aging Infrastructure	$ 250,000	$ 2,000,000	$ 2,500,000								$ 4,750,000	$ 5,600,000
EN23035	CCWRF RAS Header Replacement	Replace three 16-inch connections to RAS header and about 22 feet of 36-inch pipe, potentially adding bypass.	Aging Infrastructure	$ 750,000	$ 350,000									$ 1,100,000	$ 1,450,000
EN23036	San Bernardino Ave Lift staion Reliability Improvements	Install chopper pumps, add wet well access hatch, pave around pumps, and engage consultant for design/construction services.	Aging Infrastructure			$ 1,250,000	$ 3,000,000	$ 2,000,000						$ 6,250,000	$ 6,820,000
EN23038	CWRF HVAC System Ugrade	Replace chilled water air handlers, boilers, zoning, and controls at operations building for improved climate management.	Aging Infrastructure	$ 1,000,000	$ 2,000,000									$ 3,000,000	$ 3,760,000
EN23074	CCWRF Influent Box Rehab at the Primary Clarifiers	Remove degraded coating, restore concrete thickness, apply protective coating, and replace aluminum gates with stainless steel for long-term influent box integrity.	Aging Infrastructure	$ 2,000,000	$ 1,000,000									$ 3,000,000	$ 3,360,000
EN23114	RP-1 Instrumentation and Control Enhancements	Assess PCN requests, design and install electrical/control infrastructure, and finalize SCADA migration for comprehensive RP-1 upgrades.	Changing Conditions			$ 250,000	$ 750,000	$ 250,000						$ 1,250,000	$ 1,410,000
EN24020	RP-1 Dewatering Centrate Pumps	Remove unreliable ESSCO pumps, install more dependable units, and adjust railing to accommodate new equipment.	Aging Infrastructure	$ 600,000										$ 600,000	$ 3,140,000
EN24023	RP3 Regional Sewer Diversion Structure Rehab	Replace gate valves, rings, covers, sandblast concrete, repair structural damage, and install new liner to restore diversion structure.	Aging Infrastructure	$ 800,000	$ 300,000									$ 1,100,000	$ 1,660,000
EN24029	RP-1 Tertiary Asset Management Phase 1	Replace 26 filter effluent valves, custom tee, rehabilitate SBS pump station, modify sedimentation basin sludge pumps, and ensure long-term tertiary asset reliability.	Aging Infrastructure				$ 500,000	$ 2,000,000	$ 1,500,000					$ 4,000,000	$ 4,010,000
EN24032	RP-1 Primary Clarifier #1 Through #10 Rehabilitation	Investigate scum collection issues, clarify influent flow distribution, propose best repairs, and provide engineering report for clarifiers 1–10.	Aging Infrastructure	$ 2,000,000	$ 3,000,000	$ 6,000,000	$ 3,750,000							$ 14,750,000	$ 16,240,000
EN24033	Annular Seals	Verify each annular seal's condition and replace as necessary.	Aging Infrastructure			$ 50,000								$ 50,000	$ 1,380,000
EN24059	Chino Hills Trunk-014 Sewer Siphon CIPP Repair	Conduct flow monitoring, design a bypass-based CIPP repair for both siphon barrels, and provide engineering services during construction.	Aging Infrastructure	$ 150,000										$ 150,000	$ 1,300,000
EN25002	SSI Aeration Disk Replace RP1_RP4_RP5	Replace aeration diffuser disks and secure manufacturer certification for new diffusers at RP-1, RP-4, and RP-5.	Aging Infrastructure	$ 200,000	$ 1,100,000	$ 400,000	$ 2,400,000		$ 500,000	$ 2,450,000	$ 250,000	$ 500,000		$ 7,800,000	$ 7,800,000
EN25006	CCWRF Primary Clarifier Coating	Restore concrete surfaces, apply protective coating, and rehabilitate corroded metal parts and valves in both primary clarifiers.	Aging Infrastructure	$ 1,000,000	$ 200,000									$ 1,200,000	$ 1,400,000
EN25010	RSS - Collection System Pipe Rehabilitation	Replace or refurbish failing air expansion tanks to extend their service life in the regional sewer system.	Aging Infrastructure				$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000		$ 6,000,000	$ 6,000,000
EN25044	Asset Management Software	Develop and implement software for tracking, managing, and optimizing assets throughout their lifecycle.	Aging Infrastructure	$ 500,000	$ 150,000	$ 50,000								$ 700,000	$ 750,0

TYCIP CAPITAL PROJECTS LIST - ALL FUNDING PROGRAMS

Project Number	Project Name	Project Scope	Project Drivers	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	FY 33/34	FY 34/35	Total TYCIP FY 2026-2035	Total Project Budget
EN25045	CCWRF Electrical Improvements	Assess and replace major electrical gear—12kV switchgear, MCCs, transformers, panels, and more—throughout CCWRF for system reliability.	Aging Infrastructure	$ 700,000	$ 500,000	$ 3,000,000	$ 2,000,000							$ 6,200,000	$ 6,700,000
EN26004	Agency Wide VFD Upgrades Wastewater FY25/26	Coordinate to replace VFDs over 15 years old at southern wastewater facilities, ensuring consistent reliability agency-wide.	Aging Infrastructure	$ 50,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 9,050,000	$ 9,050,000
EN26046	RP-1 Headworks Influent Channel Rehabilitation	Rehabilitate unlined influent channel concrete, repair manhole openings, replace framing, covers, and gate frames, addressing identified leaks.	Aging Infrastructure	$ 300,000	$ 1,500,000	$ 2,000,000	$ 200,000							$ 4,000,000	$ 4,000,000
EN28018	Recurring RSS Manhole Lining Project	Remove failed liners, apply chemical grouting if needed, and restore manhole interiors to prevent infiltration and maintain structural integrity.	Aging Infrastructure			$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 800,000	$ 1,000,000
EN28020	RP-1 Digester Gas Carbon Canister Installation	Install carbon canisters and PRVs for digester gas, ensuring proper flare operation and SCAQMD compliance, with consultant-led design and construction.	Environmental Regulations			$ 150,000	$ 850,000							$ 1,000,000	$ 1,000,000
EN28022	CCWRF Filter Inlet and Bypass Gates Replacement	Replace inlet and bypass gates for reliable filter flow control at CCWRF.	Aging Infrastructure			$ 500,000	$ 1,000,000	$ 400,000						$ 1,900,000	$ 1,900,000
EN28023	RP-1 Motor Control Center 9M Replacement	Replace MCC 9M with a new IntelCenter, possibly integrating VFDs, and coordinate temporary power, ensuring updated remote control and equipment status.	Aging Infrastructure			$ 500,000	$ 2,000,000	$ 2,400,000						$ 4,900,000	$ 4,900,000
EN28027	Agencywide Paving	Evaluate and address asphalt repair and replacement needs across the Agency with annual maintenance funding.	Aging Infrastructure			$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 3,200,000	$ 3,200,000
EN29003	Replace Aeration Basin Influent /RAS, Step Feed Gates	Inspect and replace corroded aeration basin influent and RAS gates with stainless steel for improved durability.	Aging Infrastructure							$ 800,000	$ 2,000,000	$ 1,000,000		$ 3,800,000	$ 4,100,000
EN29010	Agencywide Air Relief Valves Upgrade and Replacement	Standardize air/vacuum relief valves with A.R.I. models, add check and isolation valves, and improve pipeline maintenance safety.	Aging Infrastructure				$ 200,000	$ 1,000,000	$ 300,000					$ 1,500,000	$ 1,500,000
EN30007	RP-1 Ammonia Analyzer Improvements	Remove six Hach analyzers, install six Horiba units, and ensure SCADA integration for continuous ammonia monitoring.	Changing Conditions					$ 100,000	$ 500,000					$ 600,000	$ 600,000
EN31003	RP-1 New Parking Lot	Convert existing garden area near Old New Lab into large parking with electrical hookups, supporting larger vehicles and clear traffic flow.	Changing Conditions						$ 250,000	$ 850,000				$ 1,100,000	$ 1,100,000
EN34001	Prado Dechlorination Motor Control Center Replacement	Replace MCC-1 at Prado Dechlorination, coordinating temporary power and ensuring updated equipment reliability.	Aging Infrastructure									$ 500,000	$ 1,500,000	$ 2,000,000	$ 2,000,000
EP26001	Agency Wide Major Facilities Repair/Replacement	Upgrade aging infrastructure, improve safety in wastewater plants, and purchase critical spare equipment agency-wide.	Aging Infrastructure	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 10,000,000	$ 10,000,000
FM26003	Recurring Regional Sewer Manhole Procurement	Obtain new manhole lids for future projects, emergencies, and contractor installations within the service area.	Aging Infrastructure	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 1,000,000	$ 1,000,000
IS20007	Control System Enterprise Historian Enhancement	Enable predictive insights, manual data collection, and Foxboro data imports with a Universal Font Library connector for improved operational visibility.	Aging Infrastructure	$ 250,000	$ 250,000									$ 500,000	$ 1,000,000
IS26016	SCADA Infrastructure Asset Replacement	Purchase new servers, network switches, workstations, and UPS systems to replace outdated SCADA infrastructure and ensure reliable performance.	Aging Infrastructure	$ 550,000	$ 550,000	$ 550,000	$ 550,000	$ 550,000	$ 550,000	$ 550,000	$ 550,000	$ 550,000	$ 550,000	$ 5,500,000	$ 5,500,000
IS28001	Operational AI and Machine Learning	Study and pilot AI/ML solutions in treatment applications, evaluating feasibility, potential benefits, and return on investment.	Changing Conditions					$ 300,000	$ 300,000					$ 600,000	$ 600,000
	Total			**$ 27,650,000**	**$ 34,350,000**	**$ 33,600,000**	**$ 23,800,000**	**$ 12,600,000**	**$ 7,500,000**	**$ 8,250,000**	**$ 6,400,000**	**$ 6,150,000**	**$ 4,650,000**	**$ 164,950,000**	**$ 225,540,000**
Regional Wastewater Capital Improvement Fund															
AM26007	Failure Analysis Equipment Procurement	Solicit vendors for condition-based monitoring equipment, replacing or upgrading end-of-life assets.	Aging Infrastructure	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 100,000	$ 100,000
AM26008	RP-5 Spare Part Storage Building Improvements	Install lighting, security systems, racking, workstation, and forklift at RP-5 Spare Part Storage, assessing fire protection needs.	Changing Conditions	$ 150,000	$ 100,000									$ 250,000	$ 250,000
EN11039	RP-1 Disinfection Pump Improvements	Replace bleach pumps and vulnerable underground piping, add chemical containment, and update SCADA for power-loss alerts.	Aging Infrastructure	$ 15,000										$ 15,000	$ 14,000,000
EN17006	CCWRF Asset Management and Improvements	Improve CCWRF preliminary, primary, and secondary treatments by replacing headworks, odor control, and aeration blowers.	Aging Infrastructure	$ 6,000,000	$ 2,900,000									$ 8,900,000	$ 34,610,000
EN18006	RP-1 Flare Improvements	Update RP-1 flare systems to meet SCAQMD regulations for cleaner gas management.	Environmental Regulations	$ 15,000										$ 15,000	$ 9,750,000
EN19001	RP-5 Expansion to 30 mgd	Double RP-5 liquid capacity from 15 to 30 MGD for future flows and flexible sewage transfers among plants.	Changing Conditions	$ 22,500,000	$ 13,000,000	$ 13,000,000								$ 48,500,000	$ 245,030,000
EN19006	RP-5 Biosolids Facility	Construct new RP-5 solids facility, allowing RP-2 solids decommissioning.	Changing Conditions	$ 13,500,000	$ 7,000,000	$ 6,000,000								$ 26,500,000	$ 242,320,000
EN19025	Regional Force Main Improvements	Add cleanouts, extend pipeline life for Montclair/San Bernardino Lift Stations, and improve force main reliability.	Aging Infrastructure	$ 15,000										$ 15,000	$ 6,410,000
EN21045	Montclair Force Main Improvements	Design and build new Montclair Force Main pipeline for improved efficiency and reliability.	Aging Infrastructure	$ 3,000,000	$ 4,000,000	$ 4,000,000	$ 1,000,000							$ 12,000,000	$ 14,360,000
EN22022	RP-1 Air Compressor Upgrades	Consolidate air compressors at RP-1 with new centralized piping to increase flexibility and redundancy.	Aging Infrastructure	$ 2,500,000	$ 2,500,000	$ 900,000								$ 5,900,000	$ 7,750,000
EN22039	RP-4 SCADA Performance Improvement	Install a control panel in RP-4 server room, adding two new redundant controllers, repurposing existing tertiary controller.	Aging Infrastructure			$ 500,000	$ 250,000							$ 750,000	$ 1,010,000
EN22044	RP-1 Thickening Building & Acid Phase Digester	Expand RP-1 thickening building capacity and optimize acid phase digestion, addressing WAS from RP-4.	Changing Conditions	$ 25,000,000	$ 35,000,000	$ 55,000,000	$ 45,000,000	$ 13,000,000						$ 173,000,000	$ 240,000,000
EN24001	RP-1 Liquid Treatment Capacity Recovery	Evaluate and design upgrades to increase RP-1 liquid treatment capacity to 40 MGD.	Changing Conditions					$ 1,500,000	$ 3,500,000	$ 5,000,000	$ 35,000,000	$ 70,000,000	$ 80,000,000	$ 195,000,000	$ 199,390,000
EN24002	RP-1 Solids Treatment Rehabilitation	Rehabilitate RP-1 digesters, piping, and utility water systems; replace pumps, valves, boilers; automate clarifiers and complete condition assessments.	Aging Infrastructure	$ 3,000,000	$ 4,000,000	$ 10,000,000	$ 20,000,000	$ 10,000,000	$ 2,500,000					$ 49,500,000	$ 51,310,000
EN24022	IEUA SCADA Master Plan	Provide recurring Rockwell PlantPAx updates, ensuring SCADA remains current and optimized for ongoing projects.	Aging Infrastructure						$ 250,000	$ 500,000				$ 750,000	$ 1,090,000
EN24027	Fall Protection and Prevention Solutions	Evaluate locations for CAL/OSHA-compliant fall protection systems, equipment, and restraint measures.	Changing Conditions	$ 900,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000			$ 7,900,000	$ 9,600,000
EN24028	RP-1 Utility Water Piping Asset Management	Replace aged digester-area utility piping and install new potable water lines, isolation valves, and improved infrastructure at RP-1.	Aging Infrastructure					$ 500,000	$ 1,500,000	$ 1,000,000				$ 3,000,000	$ 3,020,000
EN24052	BonView Sewer Jacked Casing Union Pacific	Prepare a PDR to protect sewers under Union Pacific at BonView, identify necessary permits, design scope, and budget.	Aging Infrastructure	$ 15,000										$ 15,000	$ 1,330,000
EN25025	REEP Return to Service Capital	Purchase auxiliary components and SCADA upgrades to restart the REEP, enabling power production from digester gas.	Aging Infrastructure	$ 500,000	$ 3,000,000	$ 3,000,000	$ 500,000							$ 7,000,000	$ 9,750,000
EN25064	Agency Wide Remote Vibration Project	Buy and install remote vibration sensors, instrumentation, and networking to enhance asset monitoring.	Aging Infrastructure	$ 250,000	$ 150,000									$ 400,000	$ 610,000
EN25067	Caltrans IEUA Collections Sewer I-10 Relocation	Conduct planning and capacity study, then relocate I-10 sewer for improved service-area flow and crew safety.	Aging Infrastructure	$ 300,000							$ 500,000	$ 1,000,000	$ 400,000	$ 2,200,000	$ 2,200,000
EN25069	CCWRF Process Improvements Phase II	Install aeration basin moisture purge lines, update drop-legs and diffusers, replace pumps, contain chemicals, and paint piping at CCWRF.	Aging Infrastructure		$ 550,000	$ 1,425,000	$ 4,000,000	$ 4,500,000	$ 2,000,000					$ 12,475,000	$ 12,640,000
EN25070	Development & Early Design Compliance for Wastewater Facilities	Complete 60% design of full-scale AWPF using collaborative delivery, plus demonstration AWPF design and construction.	Environmental Regulations	$ 13,700,000	$ 17,000,000	$ 10,000,000								$ 40,700,000	$ 45,200,000
EN25071	San Bernardino Lift Station Containment	Develop containment solutions for potential large or small leaks at San Bernardino Lift Station, exploring nearby drainage options.	Aging Infrastructure					$ 500,000						$ 500,000	$ 590,000
EN25075	Regional Sewer System Critical Manhole Replacement	Replace around 180 critical manhole covers/frames, designing and constructing repairs for the collection system.	Aging Infrastructure	$ 1,630,000										$ 1,630,000	$ 1,630,000
EN26003	Regional System Siphon Barrel Gate Improvements	Plan, design, and build siphon barrel gate improvements with consultant support, reducing sewer system risks.	Aging Infrastructure			$ 325,000	$ 650,000							$ 975,000	$ 980,000
EN26010	RP-4 Process Improvements Phase III	Integrate ammonia control valves, remove/replace MLR valves, fix biofilter lining, upgrade grit chamber, reconfigure pumps, and resize piping at RP-4.	Aging Infrastructure								$ 2,500,000	$ 5,000,000	$ 4,000,000	$ 11,500,000	$ 11,500,000
EN26012	RP-5 Emergency Overflow Pond Lining	Line RP-5 Emergency Overflow Pond with HDPE or concrete, adding underdrains or pumps to manage groundwater.	Aging Infrastructure		$ 500,000	$ 1,000,000	$ 2,500,000	$ 1,000,000						$ 5,000,000	$ 5,000,[illegible]

TYCIP CAPITAL PROJECTS LIST - ALL FUNDING PROGRAMS

Project Number	Project Name	Project Scope	Project Drivers	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	FY 33/34	FY 34/35	Total TYCIP FY 2026-2035	Total Project Budget
EN26013	RP-5 Low Pressure DG holder	Construct a low-pressure digester gas holder at RP-5 per 2018 technical memo for enhanced gas management.	Aging Infrastructure									$ 500,000	$ 1,500,000	$ 2,000,000	$ 2,000,000
EN26055	Regional Sewer System Manhole Upgrades FY 25/26	Address identified manhole upgrades, creating sub-projects for design and construction as needed.	Aging Infrastructure	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 5,000,000	$ 5,000,000
EN26058	RP-2 Maintenance Trailers and Showers Installation	Purchase portable office and shower trailers for 22 field staff at RP-2, providing adequate facilities, utilities, and storage.	Changing Conditions	$ 500,000	$ 1,000,000									$ 1,500,000	$ 1,500,000
EN27006	Chino Interceptor Diversion Pipe Repair	Plan, design, and construct Chino Interceptor repairs through public bidding, lowering pipeline risk.	Aging Infrastructure				$ 500,000	$ 2,100,000	$ 500,000					$ 3,100,000	$ 3,100,000
EN28005	Cucamonga Interceptor Pipe Repair	Plan, design, and construct Cucamonga Interceptor repairs with consultant led design and public works execution.	Aging Infrastructure			$ 400,000	$ 750,000							$ 1,150,000	$ 1,150,000
EN28006	RP-2 Decommissioning	Decommission RP-2 by demolishing facilities to ten feet below grade, filling structures, obtaining permits, and restoring site per USACOE requirements.	Changing Conditions			$ 500,000	$ 1,000,000	$ 1,500,000	$ 1,500,000	$ 4,500,000	$ 8,000,000	$ 8,000,000		$ 25,000,000	$ 25,000,000
EN28007	Advanced Water Purification Facility	Build a 15 MGD AWPF at RP-4, using MF, RO, UV-AOP, booster pumps, chemical storage, and purified water stabilization.	Environmental Regulations			$ 12,000,000	$ 20,000,000	$ 63,000,000	$ 65,000,000	$ 63,000,000				$ 223,000,000	$ 223,000,000
EN28008	RP-5 O&M Building	Construct an O&M building at RP-5 with offices, shop area, showers, lockers, and parking for operational needs.	Aging Infrastructure			$ 500,000	$ 1,000,000	$ 2,000,000	$ 2,000,000	$ 15,000,000	$ 20,000,000	$ 9,500,000		$ 50,000,000	$ 50,000,000
EN28024	Etiwanda Interceptor Grade-Break Sewer Protection/Relocation	Draft pre-design for maintaining or relocating the Etiwanda Trunk Sewer, determining cost and permitting.	Changing Conditions			$ 200,000								$ 200,000	$ 200,000
EN28025	Preserve Lift Station Level Redundancy Improvements	Hardwire redundant level switches for Preserve Lift Station pumps, adding a bypass switch for high-rag scenarios.	Changing Conditions			$ 75,000	$ 325,000							$ 400,000	$ 400,000
EN28026	Collection System Upgrades	Develop and build collection system repairs identified by Engineering.	Aging Infrastructure			$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 4,000,000	$ 4,000,000
EN29009	RP-1 Operations and Maintenance Building Rehabilitation	Renovate RP-1 O&M building: update breakrooms, restrooms, conference areas, electrical systems, lighting, flooring, doors, and lab space.	Aging Infrastructure				$ 50,000	$ 450,000	$ 1,000,000	$ 8,000,000	$ 7,000,000			$ 16,500,000	$ 16,500,000
EN31001	Freeway Trunk Pipe Repair	Plan, design, and bid Freeway Trunk Pipe repairs, awarding to lowest responsible bidder for public works construction.	Aging Infrastructure						$ 500,000	$ 1,000,000	$ 3,000,000	$ 6,000,000	$ 2,500,000	$ 13,000,000	$ 13,000,000
EN31002	Riverside Drive Trunk Pipe Repair	Fix Riverside Drive trunk pipe issues, coordinating traffic, bypasses, and odor notifications, ensuring minimal community disruption.	Aging Infrastructure				$ 1,000,000	$ 1,850,000	$ 1,400,000					$ 4,250,000	$ 4,250,000
EN33001	CCWRF Paving Replacement	Assess and replace paving, concrete, and vaults at CCWRF while accommodating deliveries and emergencies.	Aging Infrastructure								$ 100,000	$ 600,000		$ 700,000	$ 700,000
EN33002	RP-4 Emergency Storage Lagoon Pump System Improvement	Add redundant pumps to RP-4 emergency lagoon system and optimize controls for increased flow capacity.	Changing Conditions								$ 200,000	$ 300,000	$ 1,500,000	$ 2,000,000	$ 2,000,000
EN33003	RP-5 Vactor Dump Station Construction	Build a new septic dump station near RP-5 EOP with odor control per AQMD standards, guided by consultant design.	Changing Conditions								$ 500,000	$ 1,500,000	$ 3,000,000	$ 5,000,000	$ 5,000,000
EN34002	CCWRF Emergency Storage Basin Lining and Pump Station Improvement	Redesign CCWRF emergency storage basin pump station with two pumps, flow meter, SCADA control, and optional lining or landscaping.	Aging Infrastructure									$ 250,000	$ 750,000	$ 1,000,000	$ 1,000,000
PL17002	HQ Solar Photovoltaic Power Plants Phase II	Seek proposals for solar panel installations at HQ rooftop and parking areas, exploring design and mounting options.	Changing Conditions		$ 300,000	$ 1,100,000								$ 1,400,000	$ 1,400,000
PL19001	Purchase Existing Solar Installation	Evaluate purchasing existing solar panels at IEUA facilities to reduce long-term electricity costs.	Changing Conditions					$ 3,500,000						$ 3,500,000	$ 7,500,000
Total				**$ 94,000,000**	**$ 92,510,000**	**$ 121,935,000**	**$ 100,535,000**	**$ 107,410,000**	**$ 83,660,000**	**$ 100,010,000**	**$ 78,810,000**	**$ 103,660,000**	**$ 94,660,000**	**$ 977,190,000**	**$ 1,538,130,000**

TYCIP NON-CAPITAL PROJECTS LIST - ALL FUNDING PROGRAMS

Project Number	Project Name	Project Scope	Project Drivers	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	FY 33/34	FY 34/35	Total TYCIP FY 2026-2035	Total Project Budget
Administrative Services Fund															
AD26001	Proposition 218 Support Services	Contract a professional firm for rate communication strategy, 218-compliant mailer, address database, mass mailing, and a public hearing for proposed rate changes effective July 1, 2027.	Changing Conditions	$ 50,000	$ 430,000									$ 480,000	$ 480,000
EN26033	Oracle P6 Migration	Purchase 15 P6 licenses (FY25/26–FY28/29) at $3,850 each, with a 15% discount, 3% inflation, and related costs.	Changing Conditions	$ 67,174	$ 67,716	$ 68,275	$ 68,887							$ 272,052	$ 270,000
EN26057	Capital Improvement Program (CIPO) Enhancements FY 25/26	Enhance the existing system, including configuring CIPO into Laserfiche during project closeout.	Aging Infrastructure	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 750,000	$ 75,000
FM26002	Magnolia Channel Restoration	Remove silt, debris, and soils from the Desilting Basin, berm, and first 30 feet of the Detention Basin; haul all removed material off-site.	Aging Infrastructure	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 1,000,000	$ 100,000
FM28002	Agencywide Appliance Replacement	Replace appliances agency-wide.	Aging Infrastructure			$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 160,000	$ 20,000
HR25001	Classification and Compensation Study	Conduct classification and compensation reviews, update class specifications, interview employees, ensure EEO/FLSA compliance, and present findings with final reports.	Changing Conditions	$ 504,000										$ 504,000	$ 684,000
IS26002	Business Continuity Plan	Develop a Business Continuity Plan ensuring critical IT systems and infrastructure remain operational during disruptions like disasters or cyberattacks.	Environmental Regulations	$ 100,000	$ 150,000									$ 250,000	$ 250,000
IS26003	Business Impact Analysis, Business Continuity Plan and Update Disaster Recovery Plan	Assess IT, OT, and operations to prioritize systems, define MTD, RPO, and RTO, and strengthen organizational resilience.	Environmental Regulations	$ 30,000	$ 70,000									$ 100,000	$ 100,000
IS26006	Information & Operation Technology Environments Security Testing Improvement	Maintain updated IT/OT test environments for pre-production security update and patch testing with consultant support.	Environmental Regulations	$ 100,000										$ 100,000	$ 100,000
IS26007	Information Technology and Security Standards and Procedures Update	Engage a consultant to update IT, OT, and cybersecurity procedures and standards documentation.	Changing Conditions	$ 50,000										$ 50,000	$ 50,000
IS26008	Obsolete Data Cleanup Tool Purchase	Eliminate security risks tied to storing data on Agency systems.	Environmental Regulations	$ 400,000										$ 400,000	$ 400,000
IS26011	Office 365 Purview Record Manager Improvements	Conduct an agency-wide process assessment, prioritize systems, define RPO/RTO, and procure software to enhance resilience.	Environmental Regulations	$ 100,000										$ 100,000	$ 100,000
IS26013	Annual Network and Application Penetration Tests	Hire a consultant to perform external and internal network, plus critical application penetration tests for IT and OT.	Environmental Regulations	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 500,000	$ 50,000
IS26014	IT/OT Security Self-Assessment Program	Conduct up to three annual self-assessments addressing high-risk items from the IT/OT risk assessment with consultant guidance.	Environmental Regulations	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 500,000	$ 50,000
IS28002	Agency Hard Copy Documentation Scanning	Scan hardcopy records into electronic format for uploading to the Agency's system, and prepare facilities for remodels.	Environmental Regulations			$ 40,000								$ 40,000	$ 40,000
IS30001	Agency Record Keeping (Laserfiche) Optimization	Consolidate Agency records from silos into Laserfiche for centralized, streamlined record management.	Environmental Regulations					$ 50,000						$ 50,000	$ 50,000
Total				**$ 1,676,174**	**$ 992,716**	**$ 403,275**	**$ 363,887**	**$ 345,000**	**$ 295,000**	**$ 295,000**	**$ 295,000**	**$ 295,000**	**$ 295,000**	**$ 5,256,052**	**$ 2,819,000**
Non-Reclaimable Wastewater Fund															
AM26001	Etiwanda Wastewater Line Manhole Condition Assessment	Establish manhole accessibility for a Level 3 assessment, cleaning, and inspection requiring bypass pumping.	Aging Infrastructure	$ 200,000	$ 300,000									$ 500,000	$ 500,000
AM26002	Non-Reclaimable Waste Condition Assessments	Solicit condition assessment services to evaluate NRW assets' condition, remaining life, and repair recommendations; includes funds for internal Asset Management staff.	Aging Infrastructure	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 500,000	$ 50,000
EN23002	Philadelphia Lift Station Force Main Improvements	Replace and construct force mains, manholes, and five-hundred-foot cleanouts to increase Philadelphia Lift Station capacity.	Environmental Regulations							$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 100,000	$ 110,000
EN26015	Edison Waste Line Abandonment Project	Fill pipeline and manhole barrels while removing lids and grade rings, then grade and compact to prevent future collapse.	Environmental Regulations			$ 500,000	$ 1,500,000	$ 500,000						$ 2,500,000	$ 2,500,000
EN26016	NRWS Emergency O&M Projects FY 25/26	Provide funds for Engineering and Construction Management for pipeline repairs, property negotiations, and unforeseen issues in FY 2025/26.	Aging Infrastructure	$ 250,000										$ 250,000	$ 250,000
EN26036	Non-Reclaimable Waste On Call Small Projects FY 25/26	Address unforeseen NRW O&M repairs and modifications.	Aging Infrastructure	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 500,000	$ 50,000
EN26037	Non-Reclaimable Waste Connections	Establish a master project for NRW connections covering consultant professional fees and service charges.	Changing Conditions	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 1,000,000	$ 100,000
EN27002	NRWS Emergency O&M Projects FY 26/27	Provide funds for Engineering and Construction Management for pipeline repairs, property negotiations, and unforeseen issues in FY 2026/27.	Aging Infrastructure		$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 2,250,000	$ 250,000
Total				**$ 650,000**	**$ 750,000**	**$ 950,000**	**$ 1,950,000**	**$ 950,000**	**$ 450,000**	**$ 475,000**	**$ 475,000**	**$ 475,000**	**$ 475,000**	**$ 7,600,000**	**$ 3,810,000**
Recycled Water Fund															
AM26003	Ground Water Recharge Condition Assessments	Solicit condition assessments for GWR assets, determine condition and needs, and fund internal Asset Management staff.	Aging Infrastructure	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 500,000	$ 50,000
AM26004	Recycled Water Condition Assessments	Solicit condition assessments for RW assets, determine condition and needs, and fund internal Asset Management staff.	Aging Infrastructure	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 1,000,000	$ 100,000
AM28001	Groundwater Recharge O&M Manuals	Prepare and update O&M manuals and SOPs for GWR facilities, review procedures, identify improvements, and ensure efficiency, compliance, and safety.	Environmental Regulations			$ 150,000	$ 575,000	$ 275,000						$ 1,000,000	$ 1,000,000
AM28002	Recycled Water O&M Manuals	Prepare and update O&M manuals and SOPs for RW facilities, review procedures, identify improvements, and ensure efficiency, compliance, and safety.	Environmental Regulations			$ 150,000	$ 575,000	$ 275,000						$ 1,000,000	$ 1,000,000
EN18021	Prado Basin AMP Annual Monitoring	Cost-share with Chino Basin Watermaster to monitor and report habitat health in the lower Prado Dam area.	Changing Conditions	$ 117,500	$ 120,000	$ 122,500	$ 125,000	$ 127,500	$ 13,857					$ 626,357	$ 1,310,000
EN26017	WC Emergency O&M Projects FY 25/26	Provide engineering and construction management funding for emergency repairs to the recycled water system.	Aging Infrastructure	$ 250,000										$ 250,000	$ 250,000
EN26039	Recycled Water Hydraulic Modeling FY 25/26	Continue hydraulic modeling support for the recycled water system.	Changing Conditions	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 400,000	$ 40,000
EN26042	Recycled Water Emergency O&M Projects	Address unforeseen operations and maintenance repairs and modifications to recycled water systems.	Aging Infrastructure		$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 1,350,000	$ 150,000
EN26043	Recycled Water Connections	Establish a master project for recycled water connections, covering consultant fees and service charges.	Changing Conditions	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 1,500,000	$ 150,000
EN26044	Recycled Water O&M Projects FY 25/26	Fund unforeseen O&M repairs to the recycled water system.	Aging Infrastructure	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 2,500,000	$ 250,000
PL26010	Recycled Water Planning Documents	Develop various planning documents for recycled water with consultant support, managed by IEUA staff.	Changing Conditions	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 2,500,000	$ 250,000
WR16001	Water Softener Removal Rebate Program	Provide rebates for residents removing self-regenerating water softeners, reducing salt in recycled water supply and improving water quality.	Environmental Regulations	$ 75,000	$ 75,000	$ 50,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000				$ 300,000	$ 750,000
WR20029	Upper SAR HCP & Integrated Model-Recycled Water Benefits	Identify conservation measures for future water and recycled water projects, including surface flow and groundwater modeling along the Santa Ana River.	Environmental Regulations	$ 30,000	$ 30,000									$ 60,000	$ 270,000
WR21029	Implementation of Upper SAR HCP - Recycled Water Benefits	Implement the Santa Ana River HCP to support basin maintenance, increase recycled water use, and minimize discharges through diverted dry weather flows.	Environmental Regulations	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 2,500,000	$ 250,000
Total				**$ 1,562,500**	**$ 1,465,000**	**$ 1,712,500**	**$ 2,540,000**	**$ 1,942,500**	**$ 1,278,857**	**$ 1,265,000**	**$ 1,240,000**	**$ 1,240,000**	**$ 1,240,000**	**$ 15,486,357**	**$ 5,820,000**

TYCIP NON-CAPITAL PROJECTS LIST - ALL FUNDING PROGRAMS

Project Number	Project Name	Project Scope	Project Drivers	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	FY 33/34	FY 34/35	Total TYCIP FY 2026-2035	Total Project Budget
Regional Wastewater Operations and Maintenance Fund															
AM24010	Agencywide O&M Manual Updates	Hire consultants to update O&M manuals at multiple wastewater plants (RP-1, RP-4), ensuring NPDES permit compliance.	Environmental Regulations	$ 1,000,000	$ 1,000,000									$ 2,000,000	$ 4,100,000
AM26005	Preventative Maintenance Planning Optimization	Consult a Maintenance and Reliability expert to optimize SAP CMMS preventive maintenance plans, align tasks with asset needs, and update system modules for improved reliability and lifespan.	Aging Infrastructure	$ 300,000	$ 750,000	$ 750,000	$ 300,000							$ 2,100,000	$ 2,100,000
AM26006	Regional Operation Condition Assessments	Solicit condition assessments for critical assets, determining current state, remaining life, and repair needs, with funds allocated for internal Asset Management staff.	Aging Infrastructure	$ 240,000	$ 240,000	$ 240,000	$ 240,000	$ 240,000	$ 240,000	$ 240,000	$ 240,000	$ 240,000	$ 240,000	$ 2,400,000	$ 240,000
AM28003	Agencywide Operations O&M Manuals	Prepare and update O&M manuals and SOPs for CCWRF and RP-5, reviewing current procedures, identifying improvements, and ensuring efficiency, compliance, and safety.	Environmental Regulations			$ 200,000	$ 850,000	$ 450,000						$ 1,500,000	$ 1,500,000
EN22024	Asset Management Cleaning Services	Periodically clean digesters to prevent solids buildup, maintaining efficient dewatering and overall asset performance.	Aging Infrastructure	$ 1,000,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 14,500,000	$ 1,500,000
EN23021	Agencywide Infiltration and Infow Study	Conduct infiltration and inflow study using a specialized engineering firm for field tests and monitoring of wastewater collection systems.	Aging Infrastructure	$ 800,000	$ 150,000									$ 950,000	$ 1,140,000
EN24024	CCWRF Subsidence Monitoring	Collect soil core samples, place monitoring equipment, and conduct a two-year survey to measure subsidence at CCWRF.	Changing Conditions				$ 100,000	$ 600,000	$ 680,000					$ 1,380,000	$ 1,410,000
EN24064	RP-5 to RP-2 Sludge Line Repair	Repair sludge line from RP-5 to RP-2, connecting to a 10-inch RW line and capping existing RW service points.	Aging Infrastructure	$ 25,000										$ 25,000	$ 30,000
EN25048	Agencywide Asset Hierarchy and Criticality Assessment	Assess and update IEUA's asset hierarchy and register, perform inventory, compare to best practices, and present final recommendations for CMMS (SAP) improvements.	Aging Infrastructure	$ 350,000										$ 350,000	$ 700,000
EN25065	Caltrans IEUA Collections Pad Construction	Construct a locked access pad for IEUA vactor truck, place annular rings, and install a gate to control flow on Turner Ave.	Aging Infrastructure	$ 150,000										$ 150,000	$ 300,000
EN26047	RP-5 SCE Fairfield Circuit Coordination Study	Conduct a coordination study for RP-5's SCE Fairfield Circuit, reviewing new settings and possibly using a temporary generator.	Changing Conditions	$ 400,000										$ 400,000	$ 400,000
EN26048	Regional Sewer Hydraulic Modeling FY 25/26	Perform up to five annual regional sewer hydraulic analyses, including IEUA labor costs, for connection evaluations.	Changing Conditions	$ 250,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 610,000	$ 250,000
EN26051	Regional Operation Safety On-Call O&M Projects FY 25/26	Maintain and repair IEUA facilities to ensure a safe working environment.	Aging Infrastructure	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 2,500,000	$ 250,000
EN26052	Regional Operation Emergency O&M Projects	Address unforeseen O&M repairs and modifications for regional treatment facilities.	Aging Infrastructure	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 3,000,000	$ 300,000
EN26053	Regional Operation Small On-Call O&M Projects FY 25/26	Manage small on-call O&M projects, addressing design, construction administration, sequencing, scheduling, and coordination requirements for smooth execution.	Aging Infrastructure	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 5,000,000	$ 500,000
EN28021	RP-1 Hofer Circuit Coordination Study	Conduct a coordination study at RP-1 Hofer Circuit to review and implement new settings.	Aging Infrastructure			$ 300,000								$ 300,000	$ 300,000
FM25002	Agencywide Painting Services for Buildings	Provide painting services at Regional Plants to improve aesthetics and maintain facility buildings and structures.	Aging Infrastructure					$ 150,000	$ 150,000	$ 150,000				$ 450,000	$ 550,000
FM28007	Agencywide Facilities Rehab & Repairs	Rehabilitate and repair Agency-wide facilities, ensuring proper maintenance and enhanced aesthetics of Regional Plants.	Aging Infrastructure			$ 62,000	$ 64,000	$ 66,000	$ 70,000	$ 70,000	$ 70,000	$ 70,000	$ 60,000	$ 532,000	$ 62,000
PL24001	Chino Creek Surface Water Monitoring Program	Develop and implement a surface water monitoring and QA plan for Chino Creek, supporting 303(d)-delisting efforts with Watermaster and Water Board.	Environmental Regulations	$ 60,000	$ 113,000									$ 173,000	$ 320,000
PL24002	PFAS Investigation	Investigate primary PFAS sources in water recycling facilities, analyze sewershed runoff, and determine PFAS fate during wastewater treatment.	Environmental Regulations	$ 50,000										$ 50,000	$ 330,000
PL24007	Septic Conversions Investigation	Identify septic conversion opportunities, update feasibility study with revised GIS maps, and evaluate cost impacts to residential neighborhoods and local/regional agencies.	Changing Conditions	$ 80,000										$ 80,000	$ 80,000
PL25009	Energy Plan	Review IEUA's energy portfolio, explore energy recovery opportunities, enhance reliability, reduce costs, seek funding, and minimize greenhouse gas emissions, ensuring compliance with air quality regulations.	Changing Conditions	$ 300,000	$ 100,000									$ 400,000	$ 500,000
PL26002	PFAS Monitoring of Regional Sewer System	Conduct lab sample analysis and potential field monitoring to track PFAS in the regional sewer system.	Environmental Regulations	$ 100,000										$ 100,000	$ 100,000
PL26003	Regional Flow and Loading Data Analysis	Use IEUA Flow and Loading data, CASA study, and CaDC analysis to forecast growth and update Exhibit J EDU formula.	Environmental Regulations	$ 50,000										$ 50,000	$ 50,000
PL26004	Wastewater Facilities Master Plan Update	Develop flow scenarios, evaluate capacities and nitrogen levels, collect relevant data, calibrate sewer models, and perform hydraulic modeling for future population growth and RW production.	Environmental Regulations	$ 200,000	$ 450,000	$ 200,000								$ 850,000	$ 850,000
PL26005	Regional Operation Planning Documents	Develop various planning documents through consultant proposals, managed by IEUA staff, to address regional operation needs.	Changing Conditions	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 2,500,000	$ 250,000
PL28001	Regional Treatment Plant Discharge Limits Update	Review initial data, select pollutants, create sampling plan, and update local discharge limits with final technical documentation.	Environmental Regulations			$ 150,000	$ 350,000							$ 500,000	$ 500,000
Total				**$ 6,655,000**	**$ 5,643,000**	**$ 4,742,000**	**$ 4,744,000**	**$ 4,346,000**	**$ 3,980,000**	**$ 3,300,000**	**$ 3,150,000**	**$ 3,150,000**	**$ 3,140,000**	**$ 42,850,000**	**$ 18,612,000**
Regional Wastewater Capital Improvement Fund															
EN17006	CCWRF Asset Management and Improvements	O&M budget is needed for capital projects to cover chemical purchases for facility operations and loan administration costs.	Aging Infrastructure	$ 50,000	$ 50,000									$ 100,000	$ 110,000
EN19001	RP-5 Expansion to 30 mgd	O&M budget is needed for capital projects to cover chemical purchases for facility operations and loan administration costs.	Changing Conditions	$ 100,000	$ 100,000	$ 100,000								$ 300,000	$ 730,000
EN19006	RP-5 Biosolids Facility	O&M budget is needed for capital projects to cover chemical purchases for facility operations and loan administration costs.	Changing Conditions	$ 100,000	$ 100,000									$ 200,000	$ 350,000
EN22044	RP-1 Thickening Building & Acid Phase Digester	O&M budget is needed for capital projects to cover chemical purchases for facility operations and loan administration costs.	Changing Conditions	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000						$ 500,000	$ 1,000,000
EN24001	RP-1 Liquid Treatment Capacity Recovery	O&M budget is needed for capital projects to cover chemical purchases for facility operations and loan administration costs.	Changing Conditions					$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 600,000	$ 600,000
EN24002	RP-1 Solids Treatment Rehabilitation	O&M budget is needed for capital projects to cover chemical purchases for facility operations and loan administration costs.	Aging Infrastructure			$ 100,000	$ 100,000	$ 100,000	$ 100,000					$ 400,000	$ 400,000
EN26059	Regional Capital Connections	Establish a master project for regional capital connections, covering consultant professional fees and related service charges.	Changing Conditions	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 3,000,000	$ 300,000
EN28007	Advanced Water Purification Facility	O&M budget is needed for capital projects to cover chemical purchases for facility operations and loan administration costs.	Environmental Regulations			$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000				$ 250,000	$ 250,000
PL26006	Regional Capital Planning Documents	Prepare and manage planning documents for regional capital projects, using consultants to develop scopes and proposals.	Changing Conditions	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 2,500,000	$ 250,000
Total				**$ 900,000**	**$ 900,000**	**$ 900,000**	**$ 800,000**	**$ 900,000**	**$ 800,000**	**$ 700,000**	**$ 650,000**	**$ 650,000**	**$ 650,000**	**$ 7,850,000**	**$ 3,990,000**

TYCIP NON-CAPITAL PROJECTS LIST - ALL FUNDING PROGRAMS

Project Number	Project Name	Project Scope	Project Drivers	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	FY 33/34	FY 34/35	Total TYCIP FY 2026-2035	Total Project Budget
Water Resources															
PL18001	California Data Collaborative WUE Data Analytics	Assist the California Data Collaborative in developing new water use efficiency data infrastructure, supporting water managers' reliability goals and serving the public good.	Environmental Regulations	$ 10,000	$ 12,500									$ 22,500	$ 80,000
PL23012	Regional Imported Supply Reliability Analysis	Perform long-term modeling and analysis to assess local water reliability impacts from reduced imported supplies, evolving regulations, new facilities, shifting hydrology, and changing demands.	Changing Conditions	$ 250,000	$ 250,000									$ 500,000	$ 1,000,000
PL26008	Integrated Water Resources Plan Update	Collaborate with agencies to develop and evaluate a regional water supply model, assess vulnerabilities, prioritize projects, and identify potential funding opportunities.	Changing Conditions	$ 500,000	$ 500,000									$ 1,000,000	$ 1,000,000
PL26009	Water Supply Planning Document	Develop planning documents through consultant proposals, with IEUA staff oversight, to address various water supply needs.	Changing Conditions	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 2,500,000	$ 250,000
WR18028	Chino Basin Water Bank Planning Authority	Evaluate institutional agreements and models needed to establish a water bank in the Chino Basin.	Environmental Regulations	$ 250,000	$ 250,000									$ 500,000	$ 2,450,000
WR20028	Upper SAR HCP& Integrated Model-Water Benefits	Model surface and groundwater flow along the Santa Ana River from Yucaipa to Prado Dam.	Environmental Regulations	$ 30,000	$ 30,000									$ 60,000	$ 270,000
WR21028	Implementation of Upper SAR HCP - Water Benefits	Implement the Santa Ana River Habitat Conservation Plan as part of the Agency's long-term water resources and environmental permitting strategy.	Environmental Regulations	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 2,500,000	$ 250,000
WR23004	Discover the Environment and Water (DEW)	Establish a new educational facility as a visitor's center for field trips and tours in the Chino Creek Wetlands and Educational Park.	Changing Conditions	$ 450,000	$ 260,822									$ 710,822	$ 1,070,000
WR25027	Urban Water Management Plan 2025	Hire a consultant to develop a 2025 Urban Water Management Plan and Water Shortage Contingency Plan, meeting California Water Code requirements.	Environmental Regulations	$ 100,000										$ 100,000	$ 200,000
WU24016	Turnkey Turf Transformation	Implement a fully grant-funded, large-scale turf transformation program to promote water use efficiency, improve reliability, and reduce dependence on imported supplies.	Changing Conditions	$ 2,824,833	$ 2,824,833									$ 5,649,666	$ 8,540,000
WU26001	Water Use Efficiency General Program	Consolidate unspent water use efficiency (WUE) funds into a single account.	Changing Conditions	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 50,000	$ 5,000
WU26002	Turf Replacement Rebates	Provide turf replacement rebates for residential, commercial, and institutional customers, leveraging additional funding to enhance MWD's base rebate.	Changing Conditions	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 100,000	$ 10,000
WU26003	Chino Basin Water Conservation District Landscape Evaluation and Audit Program	Partner with Chino Basin Water Conservation District to provide landscape evaluations, reports, and education for residential and CII customers.	Changing Conditions	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 300,000	$ 30,000
WU26004	Public Water Use Efficiency Outreach and Sponsorship	Support regional water use efficiency marketing, outreach, memberships, grants, and special events.	Changing Conditions	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 300,000	$ 30,000
WU26005	National Theater for Children	Fund educational resources (K-6) with live performances, online materials, and workbooks focusing on water conservation and environmental awareness.	Changing Conditions	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 400,000	$ 40,000
WU26006	Water Use Efficiency Pilot Program	Implement small-scale WUE projects to test activities, measure savings, and evaluate potential for larger future adoption.	Changing Conditions	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 400,000	$ 40,000
WU26007	Water Conservation Device Rebates	Provide supplemental funding to Metropolitan Water District's base rate for water conservation device rebates.	Changing Conditions	$ 55,000	$ 55,000	$ 55,000	$ 55,000	$ 55,000	$ 55,000	$ 55,000	$ 55,000	$ 55,000	$ 55,000	$ 550,000	$ 55,000
WU26008	Pressure Reducing Valve Assessment Program	Offer pressure reducing valve assessments for residential customers.	Changing Conditions	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 800,000	$ 80,000
WU26009	Large Landscape Controller Retrofits	Retrofit irrigation controllers for residential properties of 1/4 acre or larger to improve efficiency.	Changing Conditions	$ 160,000	$ 160,000	$ 160,000	$ 160,000	$ 160,000	$ 160,000	$ 160,000	$ 160,000	$ 160,000	$ 160,000	$ 1,600,000	$ 160,000
WU26010	Member Agency Administered Projects	Fund local water use efficiency projects meeting indoor/outdoor savings, regulatory compliance, or research goals, without duplicating IEUA's regional programs.	Changing Conditions	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 3,000,000	$ 300,000
WU26011	Small Site Controller Retrofits	Offer training, onsite evaluation, and upgrade from standard to weather-based irrigation controllers for smaller residential lots.	Changing Conditions	$ 350,000	$ 350,000	$ 350,000	$ 350,000	$ 350,000	$ 350,000	$ 350,000	$ 350,000	$ 350,000	$ 350,000	$ 3,500,000	$ 350,000
WU26012	Landscape Irrigation Tune-ups	Provide irrigation assessments, minor repairs, controller programming, and scheduling services for landscapes.	Aging Infrastructure	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 5,000,000	$ 500,000
Total				**$ 6,514,833**	**$ 6,228,155**	**$ 2,100,000**	**$ 2,100,000**	**$ 2,100,000**	**$ 2,100,000**	**$ 2,100,000**	**$ 2,100,000**	**$ 2,100,000**	**$ 2,100,000**	**$ 29,542,988**	**$ 16,710,000**



IEUA's Ten-Year Sewer Capital Forecast

TYSCF CAPITAL PROJECTS LIST - REGIONAL WASTEWATER OPERATIONS AND MAINTENANCE AND REGIONAL WASTEWATER CAPITAL IMPROVEMENT

Project Number	Project Name	Project Scope	Project Drivers	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	FY 33/34	FY 34/35	Total TYCIP FY 2026-2035	Total Project Budget
Regional Wastewater Operations and Maintenance Fund															
EN13016	SCADA Enterprise System	Design, install, and program a new SCADA system across five wastewater facilities, overhauling control panels, operator interfaces, and data management for improved network integration and reliability.	Aging Infrastructure	$ 5,000,000	$ 3,600,000									$ 8,600,000	$ 39,700,000
EN18025	RP-1 Secondary System Rehabilitation	Rehabilitate secondary clarifiers' concrete surfaces, recoat metal parts, replace aboveground PVC sprayer piping, and add UV protection for extended service life.	Aging Infrastructure	$ 1,000,000	$ 3,000,000	$ 5,000,000	$ 2,000,000							$ 11,000,000	$ 11,500,000
EN19009	RP-1 Energy Recovery	Engage consultant to analyze digester gas use, exploring injection, cogeneration, or microgrid solutions, including financial viability, regulatory compliance, and subsequent design-build implementation.	Changing Conditions	$ 750,000	$ 1,500,000									$ 2,250,000	$ 4,330,000
EN20057	RP-4 Process Improvements Phase II	Reconfigure influent pump station, replace deteriorated gates, upgrade blowers, and make electrical/control improvements to enhance reliability.	Aging Infrastructure	$ 3,000,000	$ 5,000,000	$ 5,000,000	$ 1,000,000							$ 14,000,000	$ 18,770,000
EN21053	RP-1 Filter Effluent Structure #2 Rehabilitation	Rehabilitate structure and valves, addressing severely corroded gates and stems for improved performance and reliability.	Aging Infrastructure	$ 700,000	$ 1,000,000	$ 1,000,000								$ 2,700,000	$ 3,570,000
EN21056	RP-1 Evaporative Cooling for Aeration Blower Building	Install evaporative or AC cooling to prevent blower building equipment failures due to overheating.	Aging Infrastructure	$ 750,000										$ 750,000	$ 2,750,000
EN22027	RP-1 Repurpose Lab	Redesign and construct to relocate source control from headquarters, freeing space and adding new operations offices.	Changing Conditions	$ 1,250,000										$ 1,250,000	$ 5,390,000
EN22031	RP-1 Intermediate Pump Station Electrical Improvements	Replace MCC 6M/8M with Allen Bradley IntelCenter, install 18-pulse VFDs, and improve electrical reliability at the intermediate pump station.	Aging Infrastructure	$ 2,000,000	$ 5,000,000	$ 2,800,000								$ 9,800,000	$ 11,120,000
EN23000	RP1 Device Net Replacement	Evaluate MCCs with E3 overloads, replace or upgrade to E300 with Ethernet/IP or Modbus TCP/IP, and transition DeviceNet hardware for enhanced connectivity.	Aging Infrastructure	$ 1,000,000	$ 250,000									$ 1,250,000	$ 3,180,000
EN23004	CCWRF Aeration Basins 1-6 Drain Valves	Replace six-inch drain valves to prevent backflow in aeration basins 1–6, ensuring reliable drainage.	Aging Infrastructure	$ 250,000	$ 2,000,000	$ 2,500,000								$ 4,750,000	$ 5,600,000
EN23035	CCWRF RAS Header Replacement	Replace three 16-inch connections to RAS header and about 22 feet of 36-inch pipe, potentially adding bypass.	Aging Infrastructure	$ 750,000	$ 350,000									$ 1,100,000	$ 1,450,000
EN23036	San Bernardino Ave Lift staion Reliability Improvements	Install chopper pumps, add wet well access hatch, pave around pumps, and engage consultant for design/construction services.	Aging Infrastructure			$ 1,250,000	$ 3,000,000	$ 2,000,000						$ 6,250,000	$ 6,820,000
EN23038	CWRF HVAC System Ugrade	Replace chilled water air handlers, boilers, zoning, and controls at operations building for improved climate management.	Aging Infrastructure	$ 1,000,000	$ 2,000,000									$ 3,000,000	$ 3,760,000
EN23074	CCWRF Influent Box Rehab at the Primary Clarifiers	Remove degraded coating, restore concrete thickness, apply protective coating, and replace aluminum gates with stainless steel for long-term influent box integrity.	Aging Infrastructure	$ 2,000,000	$ 1,000,000									$ 3,000,000	$ 3,360,000
EN23114	RP-1 Instrumentation and Control Enhancements	Assess PCN requests, design and install electrical/control infrastructure, and finalize SCADA migration for comprehensive RP-1 upgrades.	Changing Conditions			$ 250,000	$ 750,000	$ 250,000						$ 1,250,000	$ 1,410,000
EN24020	RP-1 Dewatering Centrate Pumps	Remove unreliable ESSCO pumps, install more dependable units, and adjust railing to accommodate new equipment.	Aging Infrastructure	$ 600,000										$ 600,000	$ 3,140,000
EN24023	RP3 Regional Sewer Diversion Structure Rehab	Replace gate valves, rings, covers, sandblast concrete, repair structural damage, and install new liner to restore diversion structure.	Aging Infrastructure	$ 800,000	$ 300,000									$ 1,100,000	$ 1,660,000
EN24029	RP-1 Tertiary Asset Management Phase 1	Replace 26 filter effluent valves, custom tee, rehabilitate SBS pump station, modify sedimentation basin sludge pumps, and ensure long-term tertiary asset reliability.	Aging Infrastructure				$ 500,000	$ 2,000,000	$ 1,500,000					$ 4,000,000	$ 4,010,000
EN24032	RP-1 Primary Clarifier #1 Through #10 Rehabilitation	Investigate scum collection issues, clarify influent flow distribution, propose best repairs, and provide engineering report for clarifiers 1–10.	Aging Infrastructure	$ 2,000,000	$ 3,000,000	$ 6,000,000	$ 3,750,000							$ 14,750,000	$ 16,240,000
EN24033	Annular Seals	Verify each annular seal's condition and replace as necessary.	Aging Infrastructure			$ 50,000								$ 50,000	$ 1,380,000
EN24059	Chino Hills Trunk-014 Sewer Siphon CIPP Repair	Conduct flow monitoring, design a bypass-based CIPP repair for both siphon barrels, and provide engineering services during construction.	Aging Infrastructure	$ 150,000										$ 150,000	$ 1,300,000
EN25002	SSI Aeration Disk Replace RP1_RP4_RP5	Replace aeration diffuser disks and secure manufacturer certification for new diffusers at RP-1, RP-4, and RP-5.	Aging Infrastructure	$ 200,000	$ 1,100,000	$ 400,000	$ 2,400,000		$ 500,000	$ 2,450,000	$ 250,000	$ 500,000		$ 7,800,000	$ 7,800,000
EN25006	CCWRF Primary Clarifier Coating	Restore concrete surfaces, apply protective coating, and rehabilitate corroded metal parts and valves in both primary clarifiers.	Aging Infrastructure	$ 1,000,000	$ 200,000									$ 1,200,000	$ 1,400,000
EN25010	RSS - Collection System Pipe Rehabilitation	Replace or refurbish failing air expansion tanks to extend their service life in the regional sewer system.	Aging Infrastructure				$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000		$ 6,000,000	$ 6,000,000
EN25044	Asset Management Software	Develop and implement software for tracking, managing, and optimizing assets throughout their lifecycle.	Aging Infrastructure	$ 500,000	$ 150,000	$ 50,000								$ 700,000	$ 750,000
EN25045	CCWRF Electrical Improvements	Assess and replace major electrical gear—12kV switchgear, MCCs, transformers, panels, and more—throughout CCWRF for system reliability.	Aging Infrastructure	$ 700,000	$ 500,000	$ 3,000,000	$ 2,000,000							$ 6,200,000	$ 6,700,000
EN26004	Agency Wide VFD Upgrades Wastewater FY25/26	Coordinate to replace VFDs over 15 years old at southern wastewater facilities, ensuring consistent reliability agency-wide.	Aging Infrastructure	$ 50,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 9,050,000	$ 9,050,000
EN26046	RP-1 Headworks Influent Channel Rehabilitation	Rehabilitate unlined influent channel concrete, repair manhole openings, replace framing, covers, and gate frames, addressing identified leaks.	Aging Infrastructure	$ 300,000	$ 1,500,000	$ 2,000,000	$ 200,000							$ 4,000,000	$ 4,000,000
EN28018	Recurring RSS Manhole Lining Project	Remove failed liners, apply chemical grouting if needed, and restore manhole interiors to prevent infiltration and maintain structural integrity.	Aging Infrastructure			$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 800,000	$ 1,000,000
EN28020	RP-1 Digester Gas Carbon Canister Installation	Install carbon canisters and PRVs for digester gas, ensuring proper flare operation and SCAQMD compliance, with consultant-led design and construction.	Environmental Regulations			$ 150,000	$ 850,000							$ 1,000,000	$ 1,000,000
EN28022	CCWRF Filter Inlet and Bypass Gates Replacement	Replace inlet and bypass gates for reliable filter flow control at CCWRF.	Aging Infrastructure			$ 500,000	$ 1,000,000	$ 400,000						$ 1,900,000	$ 1,900,000
EN28023	RP-1 Motor Control Center 9M Replacement	Replace MCC 9M with a new IntelCenter, possibly integrating VFDs, and coordinate temporary power, ensuring updated remote control and equipment status.	Aging Infrastructure			$ 500,000	$ 2,000,000	$ 2,400,000						$ 4,900,000	$ 4,900,000
EN28027	Agencywide Paving	Evaluate and address asphalt repair and replacement needs across the Agency with annual maintenance funding.	Aging Infrastructure			$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 3,200,000	$ 3,200,000
EN29003	Replace Aeration Basin Influent /RAS, Step Feed Gates	Inspect and replace corroded aeration basin influent and RAS gates with stainless steel for improved durability.	Aging Infrastructure							$ 800,000	$ 2,000,000	$ 1,000,000		$ 3,800,000	$ 4,100,000
EN29010	Agencywide Air Relief Valves Upgrade and Replacement	Standardize air/vacuum relief valves with A.R.I. models, add check and isolation valves, and improve pipeline maintenance safety.	Aging Infrastructure				$ 200,000	$ 1,000,000	$ 300,000					$ 1,500,000	$ 1,500,000
EN30007	RP-1 Ammonia Analyzer Improvements	Remove six Hach analyzers, install six Horiba units, and ensure SCADA integration for continuous ammonia monitoring.	Changing Conditions					$ 100,000	$ 500,000					$ 600,000	$ 600,000
EN31003	RP-1 New Parking Lot	Convert existing garden area near Old New Lab into large parking with electrical hookups, supporting larger vehicles and clear traffic flow.	Changing Conditions						$ 250,000	$ 850,000				$ 1,100,000	$ 1,100,000
EN34001	Prado Dechlorination Motor Control Center Replacement	Replace MCC-1 at Prado Dechlorination, coordinating temporary power and ensuring updated equipment reliability.	Aging Infrastructure									$ 500,000	$ 1,500,000	$ 2,000,000	$ 2,000,000
EP26001	Agency Wide Major Facilities Repair/Replacement	Upgrade aging infrastructure, improve safety in wastewater plants, and purchase critical spare equipment agency-wide.	Aging Infrastructure	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 10,000,000	$ 10,000,000
FM26003	Recurring Regional Sewer Manhole Procurement	Obtain new manhole lids for future projects, emergencies, and contractor installations within the service area.	Aging Infrastructure	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 1,000,000	$ 1,000,000
IS20007	Control System Enterprise Historian Enhancement	Enable predictive insights, manual data collection, and Foxboro data imports with a Universal Font Library connector for improved operational visibility.	Aging Infrastructure	$ 250,000	$ 250,000									$ 500,000	$ 1,000,000
IS26016	SCADA Infrastructure Asset Replacement	Purchase new servers, network switches, workstations, and UPS systems to replace outdated SCADA infrastructure and ensure reliable performance.	Aging Infrastructure	$ 550,000	$ 550,000	$ 550,000	$ 550,000	$ 550,000	$ 550,000	$ 550,000	$ 550,000	$ 550,000	$ 550,000	$ 5,500,000	$ 5,500,0

TYSCF CAPITAL PROJECTS LIST - REGIONAL WASTEWATER OPERATIONS AND MAINTENANCE AND REGIONAL WASTEWATER CAPITAL IMPROVEMENT

Project Number	Project Name	Project Scope	Project Drivers	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	FY 33/34	FY 34/35	Total TYCIP FY 2026-2035	Total Project Budget
IS28001	Operational AI and Machine Learning	Study and pilot AI/ML solutions in treatment applications, evaluating feasibility, potential benefits, and return on investment.	Changing Conditions					$ 300,000	$ 300,000					$ 600,000	$ 600,000
Total				**$ 27,650,000**	**$ 34,350,000**	**$ 33,600,000**	**$ 23,800,000**	**$ 12,600,000**	**$ 7,500,000**	**$ 8,250,000**	**$ 6,400,000**	**$ 6,150,000**	**$ 4,650,000**	**$ 164,950,000**	**$ 225,540,000**
Regional Wastewater Capital Improvement Fund															
AM26007	Failure Analysis Equipment Procurement	Solicit vendors for condition-based monitoring equipment, replacing or upgrading end-of-life assets.	Aging Infrastructure	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 100,000	$ 100,000
AM26008	RP-5 Spare Part Storage Building Improvements	Install lighting, security systems, racking, workstation, and forklift at RP-5 Spare Part Storage, assessing fire protection needs.	Changing Conditions	$ 150,000	$ 100,000									$ 250,000	$ 250,000
EN11039	RP-1 Disinfection Pump Improvements	Replace bleach pumps and vulnerable underground piping, add chemical containment, and update SCADA for power-loss alerts.	Aging Infrastructure	$ 15,000										$ 15,000	$ 14,000,000
EN17006	CCWRF Asset Management and Improvements	Improve CCWRF preliminary, primary, and secondary treatments by replacing headworks, odor control, and aeration blowers.	Aging Infrastructure	$ 6,000,000	$ 2,900,000									$ 8,900,000	$ 34,610,000
EN18006	RP-1 Flare Improvements	Update RP-1 flare systems to meet SCAQMD regulations for cleaner gas management.	Environmental Regulations	$ 15,000										$ 15,000	$ 9,750,000
EN19001	RP-5 Expansion to 30 mgd	Double RP-5 liquid capacity from 15 to 30 MGD for future flows and flexible sewage transfers among plants.	Changing Conditions	$ 22,500,000	$ 13,000,000	$ 13,000,000								$ 48,500,000	$ 245,030,000
EN19006	RP-5 Biosolids Facility	Construct new RP-5 solids facility, allowing RP-2 solids decommissioning.	Changing Conditions	$ 13,500,000	$ 7,000,000	$ 6,000,000								$ 26,500,000	$ 242,320,000
EN19025	Regional Force Main Improvements	Add cleanouts, extend pipeline life for Montclair/San Bernardino Lift Stations, and improve force main reliability.	Aging Infrastructure	$ 15,000										$ 15,000	$ 6,410,000
EN21045	Montclair Force Main Improvements	Design and build new Montclair Force Main pipeline for improved efficiency and reliability.	Aging Infrastructure	$ 3,000,000	$ 4,000,000	$ 4,000,000	$ 1,000,000							$ 12,000,000	$ 14,360,000
EN22022	RP-1 Air Compressor Upgrades	Consolidate air compressors at RP-1 with new centralized piping to increase flexibility and redundancy.	Aging Infrastructure	$ 2,500,000	$ 2,500,000	$ 900,000								$ 5,900,000	$ 7,750,000
EN22039	RP-4 SCADA Performance Improvement	Install a control panel in RP-4 server room, adding two new redundant controllers, repurposing existing tertiary controller.	Aging Infrastructure			$ 500,000	$ 250,000							$ 750,000	$ 1,010,000
EN22044	RP-1 Thickening Building & Acid Phase Digester	Expand RP-1 thickening building capacity and optimize acid phase digestion, addressing WAS from RP-4.	Changing Conditions	$ 25,000,000	$ 35,000,000	$ 55,000,000	$ 45,000,000	$ 13,000,000						$ 173,000,000	$ 240,000,000
EN24001	RP-1 Liquid Treatment Capacity Recovery	Evaluate and design upgrades to increase RP-1 liquid treatment capacity to 40 MGD.	Changing Conditions					$ 1,500,000	$ 3,500,000	$ 5,000,000	$ 35,000,000	$ 70,000,000	$ 80,000,000	$ 195,000,000	$ 199,390,000
EN24002	RP-1 Solids Treatment Rehabilitation	Rehabilitate RP-1 digesters, piping, and utility water systems; replace pumps, valves, boilers; automate clarifiers and complete condition assessments.	Aging Infrastructure	$ 3,000,000	$ 4,000,000	$ 10,000,000	$ 20,000,000	$ 10,000,000	$ 2,500,000					$ 49,500,000	$ 51,310,000
EN24022	IEUA SCADA Master Plan	Provide recurring Rockwell PlantPAx updates, ensuring SCADA remains current and optimized for ongoing projects.	Aging Infrastructure						$ 250,000	$ 500,000				$ 750,000	$ 1,090,000
EN24027	Fall Protection and Prevention Solutions	Evaluate locations for CAL/OSHA-compliant fall protection systems, equipment, and restraint measures.	Changing Conditions	$ 900,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000			$ 7,900,000	$ 9,600,000
EN24028	RP-1 Utility Water Piping Asset Management	Replace aged digester-area utility piping and install new potable water lines, isolation valves, and improved infrastructure at RP-1.	Aging Infrastructure					$ 500,000	$ 1,500,000	$ 1,000,000				$ 3,000,000	$ 3,020,000
EN24052	BonView Sewer Jacked Casing Union Pacific	Prepare a PDR to protect sewers under Union Pacific at BonView, identify necessary permits, design scope, and budget.	Aging Infrastructure	$ 15,000										$ 15,000	$ 1,330,000
EN25025	REEP Return to Service Capital	Purchase auxiliary components and SCADA upgrades to restart the REEP, enabling power production from digester gas.	Aging Infrastructure	$ 500,000	$ 3,000,000	$ 3,000,000	$ 500,000							$ 7,000,000	$ 9,750,000
EN25064	Agency Wide Remote Vibration Project	Buy and install remote vibration sensors, instrumentation, and networking to enhance asset monitoring.	Aging Infrastructure	$ 250,000	$ 150,000									$ 400,000	$ 610,000
EN25067	Caltrans IEUA Collections Sewer I-10 Relocation	Conduct planning and capacity study, then relocate I-10 sewer for improved service-area flow and crew safety.	Aging Infrastructure	$ 300,000							$ 500,000	$ 1,000,000	$ 400,000	$ 2,200,000	$ 2,200,000
EN25069	CCWRF Process Improvements Phase II	Install aeration basin moisture purge lines, update drop-legs and diffusers, replace pumps, contain chemicals, and paint piping at CCWRF.	Aging Infrastructure		$ 550,000	$ 1,425,000	$ 4,000,000	$ 4,500,000	$ 2,000,000					$ 12,475,000	$ 12,640,000
EN25070	Development & Early Design Compliance for Wastewater Facilities	Complete 60% design of full-scale AWPF using collaborative delivery, plus demonstration AWPF design and construction.	Environmental Regulations	$ 13,700,000	$ 17,000,000	$ 10,000,000								$ 40,700,000	$ 45,200,000
EN25071	San Bernardino Lift Station Containment	Develop containment solutions for potential large or small leaks at San Bernardino Lift Station, exploring nearby drainage options.	Aging Infrastructure					$ 500,000						$ 500,000	$ 590,000
EN25075	Regional Sewer System Critical Manhole Replacement	Replace around 180 critical manhole covers/frames, designing and constructing repairs for the collection system.	Aging Infrastructure	$ 1,630,000										$ 1,630,000	$ 1,630,000
EN26003	Regional System Siphon Barrel Gate Improvements	Plan, design, and build siphon barrel gate improvements with consultant support, reducing sewer system risks.	Aging Infrastructure			$ 325,000	$ 650,000							$ 975,000	$ 980,000
EN26010	RP-4 Process Improvements Phase III	Integrate ammonia control valves, remove/replace MLR valves, fix biofilter lining, upgrade grit chamber, reconfigure pumps, and resize piping at RP-4.	Aging Infrastructure								$ 2,500,000	$ 5,000,000	$ 4,000,000	$ 11,500,000	$ 11,500,000
EN26012	RP-5 Emergency Overflow Pond Lining	Line RP-5 Emergency Overflow Pond with HDPE or concrete, adding underdrains or pumps to manage groundwater.	Aging Infrastructure		$ 500,000	$ 1,000,000	$ 2,500,000	$ 1,000,000						$ 5,000,000	$ 5,000,000
EN26013	RP-5 Low Pressure DG holder	Construct a low-pressure digester gas holder at RP-5 per 2018 technical memo for enhanced gas management.	Aging Infrastructure									$ 500,000	$ 1,500,000	$ 2,000,000	$ 2,000,000
EN26055	Regional Sewer System Manhole Upgrades FY 25/26	Address identified manhole upgrades, creating sub-projects for design and construction as needed.	Aging Infrastructure	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 5,000,000	$ 5,000,000
EN26058	RP-2 Maintenance Trailers and Showers Installation	Purchase portable office and shower trailers for 22 field staff at RP-2, providing adequate facilities, utilities, and storage.	Changing Conditions	$ 500,000	$ 1,000,000									$ 1,500,000	$ 1,500,000
EN27006	Chino Interceptor Diversion Pipe Repair	Plan, design, and construct Chino Interceptor repairs through public bidding, lowering pipeline risk.	Aging Infrastructure				$ 500,000	$ 2,100,000	$ 500,000					$ 3,100,000	$ 3,100,000
EN28005	Cucamonga Interceptor Pipe Repair	Plan, design, and construct Cucamonga Interceptor repairs with consultant-led design and public works execution.	Aging Infrastructure			$ 400,000	$ 750,000							$ 1,150,000	$ 1,150,000
EN28006	RP-2 Decommissioning	Decommission RP-2 by demolishing facilities to ten feet below grade, filling structures, obtaining permits, and restoring site per USACOE requirements.	Changing Conditions			$ 500,000	$ 1,000,000	$ 1,500,000	$ 1,500,000	$ 4,500,000	$ 8,000,000	$ 8,000,000		$ 25,000,000	$ 25,000,000
EN28007	Advanced Water Purification Facility	Build a 15 MGD AWPF at RP-4, using MF, RO, UV-AOP, booster pumps, chemical storage, and purified water stabilization.	Environmental Regulations			$ 12,000,000	$ 20,000,000	$ 63,000,000	$ 65,000,000	$ 63,000,000				$ 223,000,000	$ 223,000,000
EN28008	RP-5 O&M Building	Construct an O&M building at RP-5 with offices, shop area, showers, lockers, and parking for operational needs.	Aging Infrastructure			$ 500,000	$ 1,000,000	$ 2,000,000	$ 2,000,000	$ 15,000,000	$ 20,000,000	$ 9,500,000		$ 50,000,000	$ 50,000,000
EN28024	Etiwanda Interceptor Grade-Break Sewer Protection/Relocation	Draft pre-design for maintaining or relocating the Etiwanda Trunk Sewer, determining cost and permitting.	Changing Conditions			$ 200,000								$ 200,000	$ 200,000
EN28025	Preserve Lift Station Level Redundancy Improvements	Hardwire redundant level switches for Preserve Lift Station pumps, adding a bypass switch for high-rag scenarios.	Changing Conditions			$ 75,000	$ 325,000							$ 400,000	$ 400,000
EN28026	Collection System Upgrades	Develop and build collection system repairs identified by Engineering.	Aging Infrastructure			$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 4,000,000	$ 4,000,000
EN29009	RP-1 Operations and Maintenance Building Rehabilitation	Renovate RP-1 O&M building: update breakrooms, restrooms, conference areas, electrical systems, lighting, flooring, doors, and lab space.	Aging Infrastructure				$ 50,000	$ 450,000	$ 1,000,000	$ 8,000,000	$ 7,000,000			$ 16,500,000	$ 16,500,000
EN31001	Freeway Trunk Pipe Repair	Plan, design, and bid Freeway Trunk Pipe repairs, awarding to lowest responsible bidder for public works construction.	Aging Infrastructure						$ 500,000	$ 1,000,000	$ 3,000,000	$ 6,000,000	$ 2,500,000	$ 13,000,000	$ 13,000,000
EN31002	Riverside Drive Trunk Pipe Repair	Fix Riverside Drive trunk pipe issues, coordinating traffic, bypasses, and odor notifications, ensuring minimal community disruption.	Aging Infrastructure				$ 1,000,000	$ 1,850,000	$ 1,400,000					$ 4,250,000	$ 4,250,000
EN33001	CCWRF Paving Replacement	Assess and replace paving, concrete, and vaults at CCWRF while accommodating deliveries and emergencies.	Aging Infrastructure								$ 100,000	$ 600,000		$ 700,000	$ 700,000
EN33002	RP-4 Emergency Storage Lagoon Pump System Improvement	Add redundant pumps to RP-4 emergency lagoon system and optimize controls for increased flow capacity.	Changing Conditions								$ 200,000	$ 300,000	$ 1,500,000	$ 2,000,000	$ 2,000,000
EN33003	RP-5 Vactor Dump Station Construction	Build a new septic dump station near RP-5 EOP with odor control per AQMD standards, guided by consultant design.	Changing Conditions								$ 500,000	$ 1,500,000	$ 3,000,000	$ 5,000,000	$ 5,000,000
EN34002	CCWRF Emergency Storage Basin Lining and Pump Station Improvement	Redesign CCWRF emergency storage basin pump station with two pumps, flow meter, SCADA control, and optional lining or landscaping.	Aging Infrastructure									$ 250,000	$ 750,000	$ 1,000,000	$ 1,000,000
PL17002	HQ Solar Photovoltaic Power Plants Phase II	Seek proposals for solar panel installations at HQ rooftop and parking areas, exploring design and mounting options.	Changing Conditions		$ 300,000	$ 1,100,000								$ 1,400,000	$ 1,400,0

TYSCF CAPITAL PROJECTS LIST - REGIONAL WASTEWATER OPERATIONS AND MAINTENANCE AND REGIONAL WASTEWATER CAPITAL IMPROVEMENT

Project Number	Project Name	Project Scope	Project Drivers	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	FY 33/34	FY 34/35	Total TYCIP FY 2026-2035	Total Project Budget
PL19001	Purchase Existing Solar Installation	Evaluate purchasing existing solar panels at IEUA facilities to reduce long-term electricity costs.	Changing Conditions					$ 3,500,000						$ 3,500,000	$ 7,500,000
Total				**$ 94,000,000**	**$ 92,510,000**	**$ 121,935,000**	**$ 100,535,000**	**$ 107,410,000**	**$ 83,660,000**	**$ 100,010,000**	**$ 78,810,000**	**$ 103,660,000**	**$ 94,660,000**	**$ 977,190,000**	**$ 1,538,130,000**



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

RP-5 Expansion Project Update April 2025

Project Nos. EN19001 and EN19006

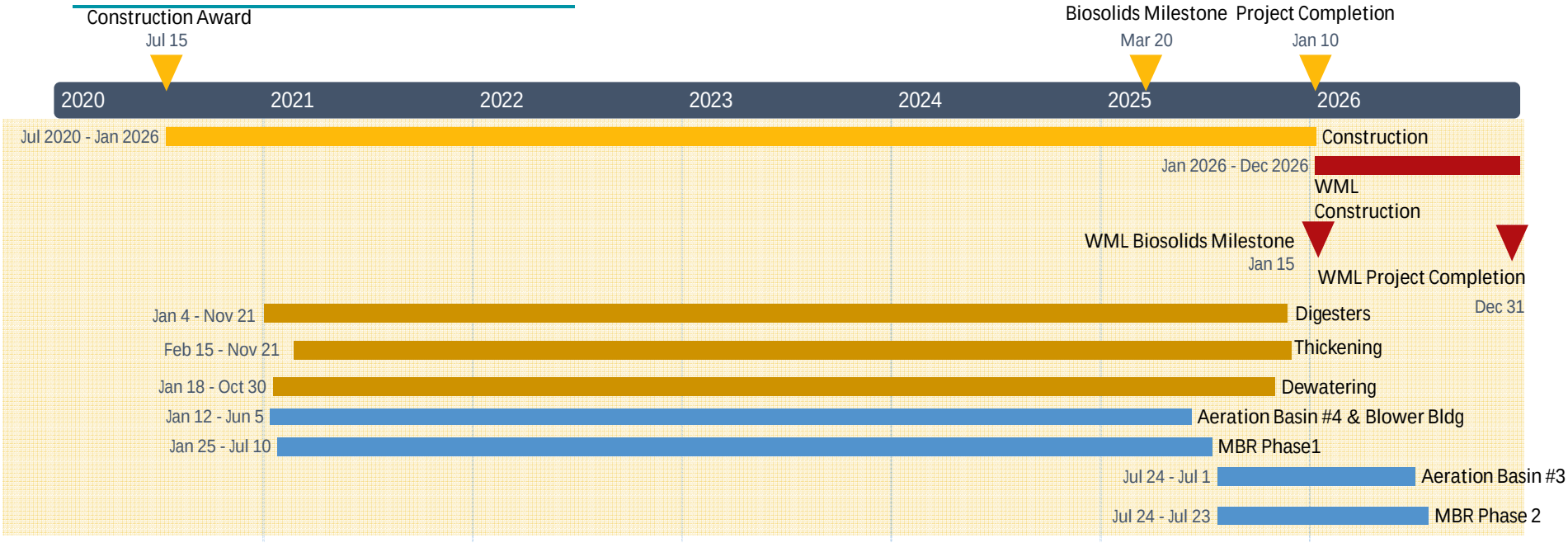
Justin Tao

Senior Associate Engineer

April 2025

2 RP-5: Project Status

Day 1689 of 2005 = 84%



Role	Firm	Contract	This Month's Payment	Total Paid	% Complete
Contractor	WM Lyles	$341,079,921	$995,962	$288,078,449	84%
Designer	Parsons	$40,551,961	$219,649	$37,642,769	92%
Construction Management	Arcadis	$29,976,400	$325,630	$20,244,469	68%

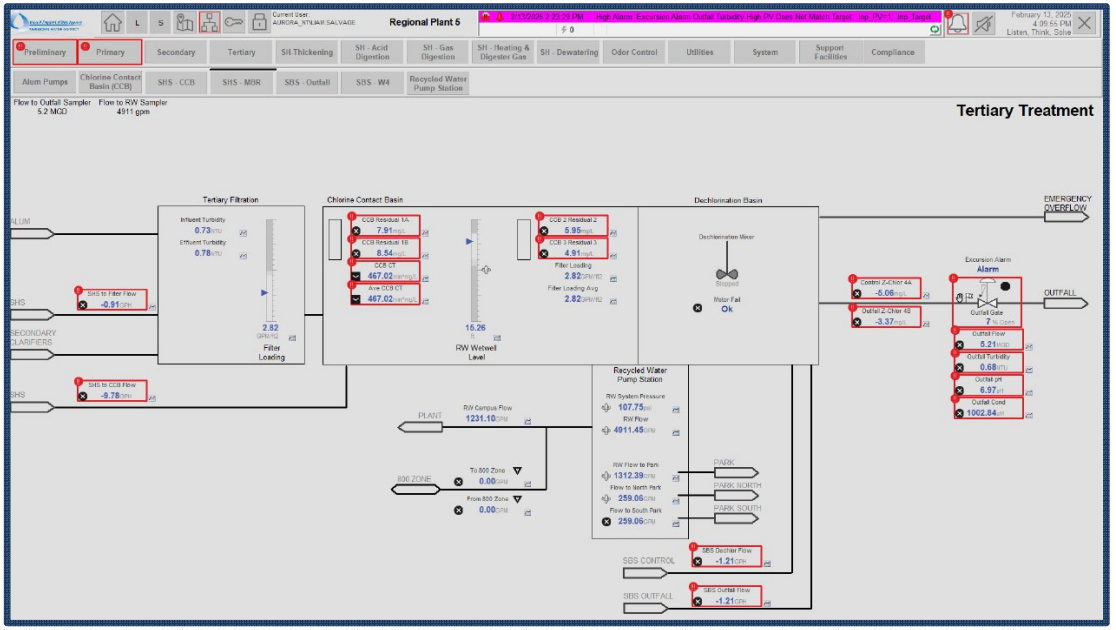
3 Electrical and SCADA Update

COMPLETED

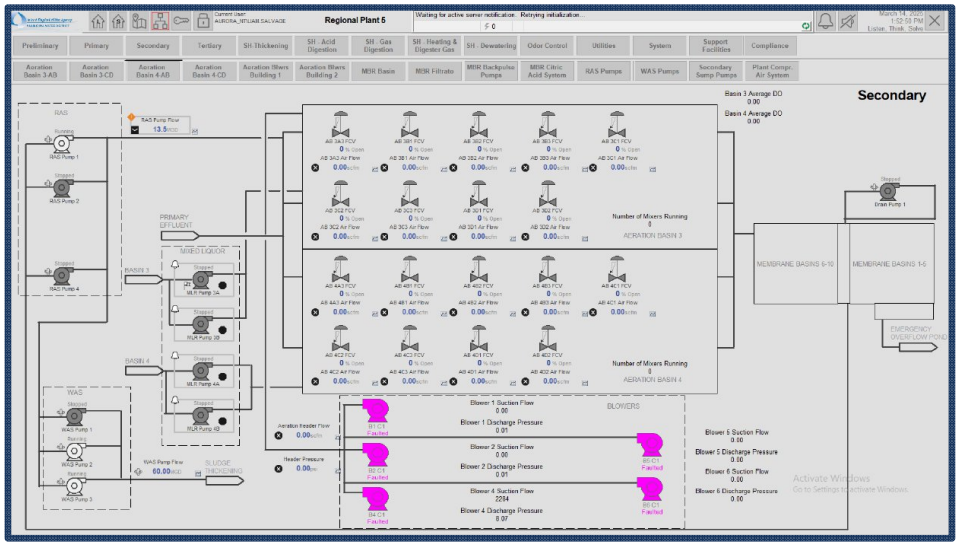
- Factory Testing of Blowers
  MCP Programming

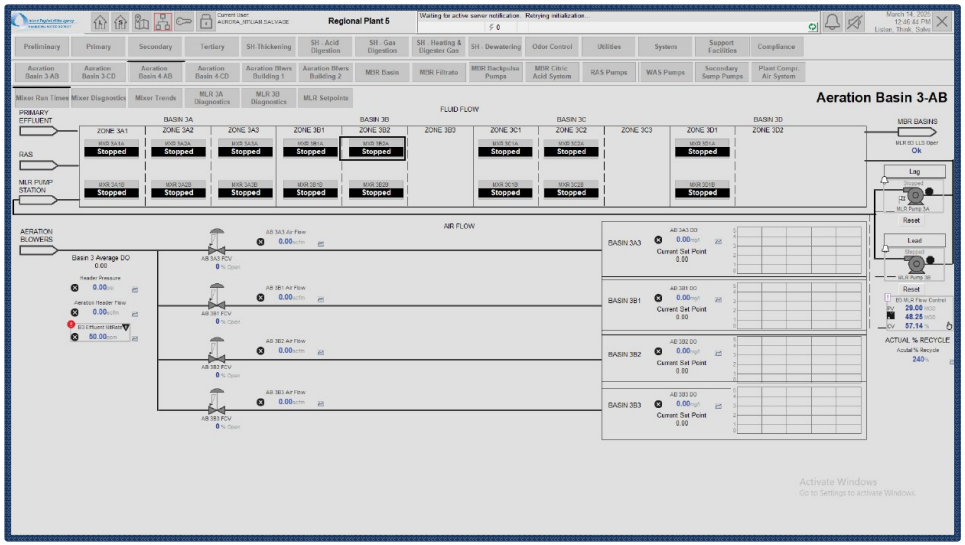
CHALLENGES AHEAD

- Factory Acceptance Testing
  - Primary Controller PRI1
  - Primary Controller PRI2
  - Boilers
- Transition Input/Output Wires
  - Primary Controllers



4 SCADA Workshop: Secondary Controllers





5 Factory Acceptance Testing: Blowers Main Control Panel





6 Training: Heat Exchanger





Thank You

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These materials have not been prepared with a view to informing an investment decision in any of the Agency's bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential investors in considering the purchase or sale of the Agency's bonds, notes or other obligations.